

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026396.D
 Acq On : 28 Jun 2023 14:21
 Operator : SY/MD
 Sample : 03420-08
 Misc : 4.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4647

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026396.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.954	8	11	37	rVB3	65120	187541	2.44%	0.237%
2	2.143	38	42	46	rBV	21807	37396	0.49%	0.047%
3	2.363	71	78	91	rBV	149198	396377	5.16%	0.502%
4	2.655	121	126	129	rBV7	8935	18867	0.25%	0.024%
5	2.893	158	165	178	rBV	132922	379270	4.94%	0.480%
6	3.387	241	246	254	rBV3	9643	24644	0.32%	0.031%
7	4.021	337	350	360	rBV	262790	891049	11.60%	1.128%
8	4.118	360	366	386	rVB	179857	522355	6.80%	0.661%
9	4.399	402	412	422	rBV3	14470	50637	0.66%	0.064%
10	4.923	491	498	499	rBV3	9854	18087	0.24%	0.023%
11	5.435	574	582	589	rBV3	10583	30108	0.39%	0.038%
12	5.941	658	665	675	rVB4	8942	28929	0.38%	0.037%
13	7.075	842	851	859	rVV	121743	344238	4.48%	0.436%
14	7.167	860	866	879	rVV	85975	261345	3.40%	0.331%
15	7.648	934	945	958	rBV	477941	1178132	15.34%	1.491%
16	7.923	983	990	997	rBV6	7893	24056	0.31%	0.030%
17	8.038	1003	1009	1014	rVB4	9883	21181	0.28%	0.027%
18	8.154	1021	1028	1036	rBV2	25829	57316	0.75%	0.073%
19	8.276	1038	1048	1065	rBV2	968180	2928766	38.14%	3.707%
20	8.429	1066	1073	1076	rVV9	6564	16875	0.22%	0.021%
21	8.477	1076	1081	1091	rVV	11855	40713	0.53%	0.052%
22	8.575	1094	1097	1103	rVB7	7250	12934	0.17%	0.016%
23	8.697	1111	1117	1125	rVV4	6297	15327	0.20%	0.019%
24	8.843	1131	1141	1152	rBV	1062079	2115252	27.55%	2.677%
25	9.075	1174	1179	1185	rBV7	7420	15978	0.21%	0.020%
26	9.142	1188	1190	1199	rVB3	5117	9317	0.12%	0.012%
27	9.276	1204	1212	1218	rVV	674736	1403990	18.29%	1.777%
28	9.331	1218	1221	1226	rVV2	65022	124247	1.62%	0.157%
29	9.380	1226	1229	1239	rVB2	24658	51945	0.68%	0.066%
30	9.605	1262	1266	1271	rVB2	17492	33331	0.43%	0.042%
31	9.751	1285	1290	1297	rVV3	34622	70933	0.92%	0.090%
32	9.892	1308	1313	1318	rBV	34004	67837	0.88%	0.086%
33	9.959	1318	1324	1326	rBV3	22764	44300	0.58%	0.056%
34	9.989	1327	1329	1331	rVV2	19240	21914	0.29%	0.028%
35	10.032	1331	1336	1342	rVV	363346	626617	8.16%	0.793%
36	10.093	1343	1346	1350	rVB3	17541	29406	0.38%	0.037%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	10.251	1369	1372	1376	rVB	21708	30827	0.40%	0.039%
38	10.325	1376	1384	1399	rBV	1306066	2404592	31.32%	3.044%
39	10.501	1407	1413	1419	rVB3	29298	71501	0.93%	0.091%
40	10.574	1420	1425	1432	rBV	237887	425015	5.54%	0.538%
41	10.666	1435	1440	1446	rVB	42162	76520	1.00%	0.097%
42	10.763	1451	1456	1460	rBV3	31956	65042	0.85%	0.082%
43	10.843	1466	1469	1474	rVB	39970	61918	0.81%	0.078%
44	10.922	1476	1482	1492	rBV2	487279	918367	11.96%	1.162%
45	11.032	1496	1500	1509	rVB	68764	140314	1.83%	0.178%
46	11.111	1509	1513	1516	rBV4	26769	40476	0.53%	0.051%
47	11.178	1520	1524	1527	rBV	59304	85672	1.12%	0.108%
48	11.227	1527	1532	1538	rBV	118519	199084	2.59%	0.252%
49	11.288	1538	1542	1544	rBV5	29241	46455	0.61%	0.059%
50	11.337	1545	1550	1554	rBV	119245	205984	2.68%	0.261%
51	11.434	1564	1566	1574	rVB	105134	161476	2.10%	0.204%
52	11.507	1574	1578	1590	rVB	103431	198309	2.58%	0.251%
53	11.629	1591	1598	1606	rBV	1187544	2022321	26.34%	2.560%
54	11.763	1616	1620	1623	rBV2	40083	62695	0.82%	0.079%
55	11.812	1623	1628	1632	rBV4	52691	101689	1.32%	0.129%
56	11.873	1633	1638	1642	rBV2	160803	281950	3.67%	0.357%
57	11.971	1651	1654	1657	rBV2	27877	43552	0.57%	0.055%
58	12.062	1664	1669	1674	rVB2	84773	148519	1.93%	0.188%
59	12.135	1674	1681	1686	rBV4	249310	559762	7.29%	0.709%
60	12.251	1695	1700	1705	rVB	437844	693897	9.04%	0.878%
61	12.361	1705	1718	1726	rBV5	392393	1530143	19.93%	1.937%
62	12.495	1735	1740	1748	rVB4	249114	583456	7.60%	0.739%
63	12.586	1748	1755	1758	rBV	234035	487016	6.34%	0.616%
64	12.690	1766	1772	1777	rBV	624019	1152218	15.01%	1.458%
65	12.775	1778	1786	1792	rVB5	349600	884454	11.52%	1.119%
66	12.855	1792	1799	1803	rBV6	204333	481798	6.27%	0.610%
67	12.940	1805	1813	1818	rBV6	487462	1237052	16.11%	1.566%
68	13.074	1831	1835	1839	rVB2	282180	377022	4.91%	0.477%
69	13.123	1839	1843	1847	rBV4	218060	412903	5.38%	0.523%
70	13.184	1847	1853	1858	rBV3	255289	593415	7.73%	0.751%
71	13.287	1863	1870	1875	rBV	525655	1018241	13.26%	1.289%
72	13.342	1875	1879	1882	rBV2	373811	556983	7.25%	0.705%
73	13.373	1882	1884	1886	rBV2	105952	100939	1.31%	0.128%
74	13.409	1886	1890	1892	rBV3	279855	447812	5.83%	0.567%
75	13.446	1892	1896	1899	rVB3	532332	775852	10.10%	0.982%
76	13.556	1909	1914	1917	rBV	786448	1142538	14.88%	1.446%

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77	13.598	1917	1921	1930	rVB	790503	1831206	23.85%	2.318%
78	13.696	1931	1937	1941	rBV2	419586	879777	11.46%	1.114%
79	13.763	1944	1948	1952	rVB	324564	482101	6.28%	0.610%
80	13.873	1957	1966	1970	rBV2	1181099	3346302	43.58%	4.236%
81	13.915	1970	1973	1979	rVV3	542775	1082003	14.09%	1.370%
82	13.976	1979	1983	1987	rVB2	507558	729699	9.50%	0.924%
83	14.104	2002	2004	2014	rVB2	995496	1976306	25.74%	2.502%
84	14.190	2014	2018	2022	rBV	447648	673251	8.77%	0.852%
85	14.257	2023	2029	2035	rBV4	864138	1773411	23.10%	2.245%
86	14.312	2035	2038	2043	rVB3	387684	545361	7.10%	0.690%
87	14.379	2043	2049	2054	rBV2	1701975	3343028	43.54%	4.231%
88	14.495	2063	2068	2073	rBV6	605554	1632776	21.26%	2.067%
89	14.543	2074	2076	2081	rVB3	733321	935990	12.19%	1.185%
90	14.653	2091	2094	2101	rVB2	349007	614898	8.01%	0.778%
91	14.732	2103	2107	2113	rBV5	473352	1059139	13.79%	1.341%
92	14.793	2113	2117	2120	rVV	978856	1768963	23.04%	2.239%
93	14.848	2121	2126	2135	rVB3	2471946	6155822	80.17%	7.792%
94	15.116	2167	2170	2173	rVB3	371049	469043	6.11%	0.594%
95	15.257	2191	2193	2198	rVB3	1058480	1471095	19.16%	1.862%
96	15.318	2198	2203	2210	rVB	4699618	7678291	100.00%	9.719%
97	15.397	2210	2216	2220	rBV4	664350	1564112	20.37%	1.980%
98	15.568	2240	2244	2249	rBV6	480946	1013489	13.20%	1.283%
99	15.622	2250	2253	2256	rBV4	271109	413740	5.39%	0.524%
100	16.275	2354	2360	2369	rVB	2345439	4636027	60.38%	5.868%

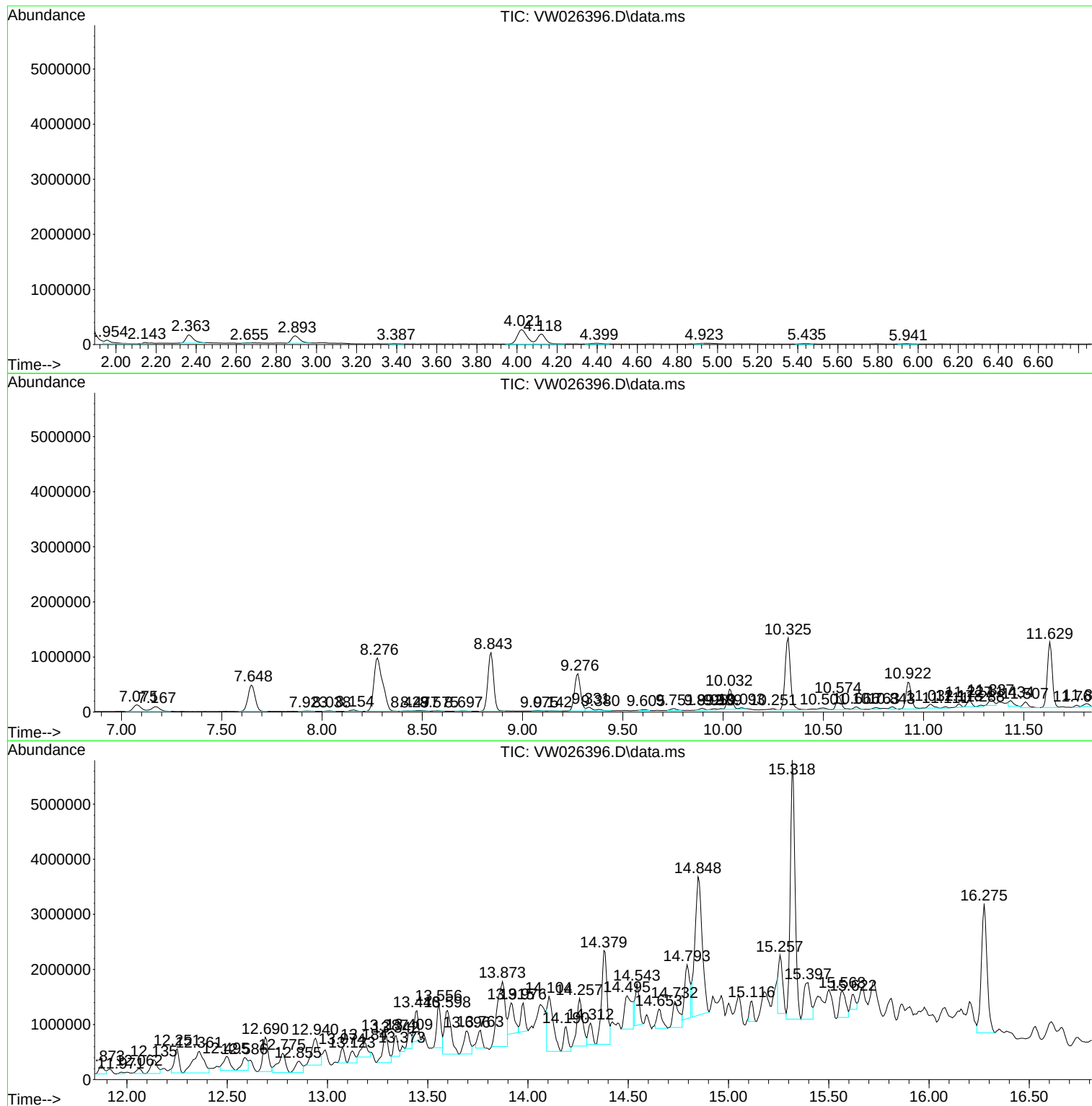
Sum of corrected areas: 79004819

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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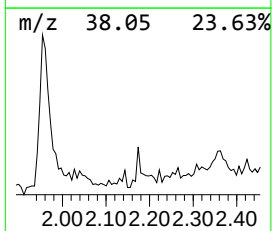
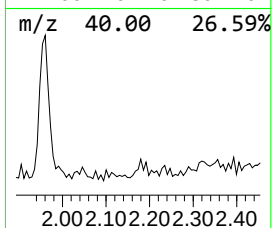
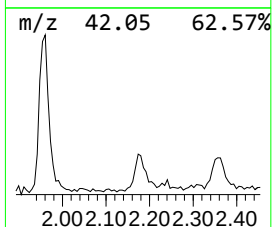
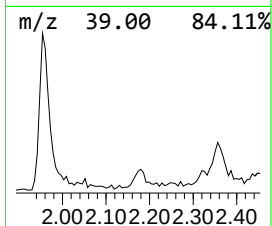
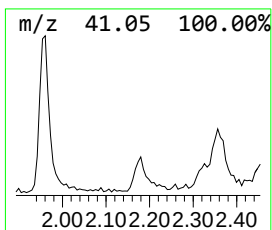
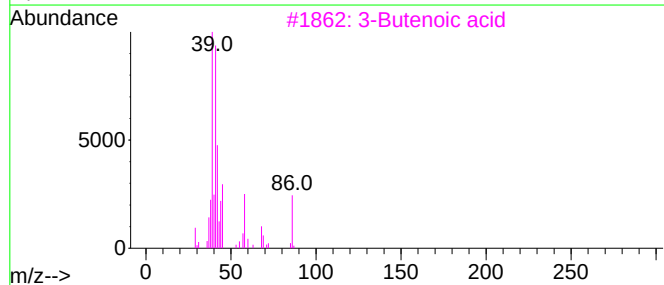
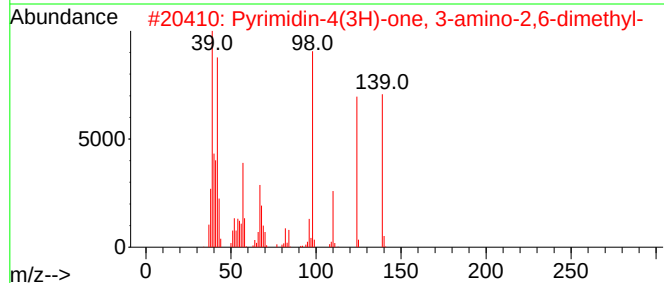
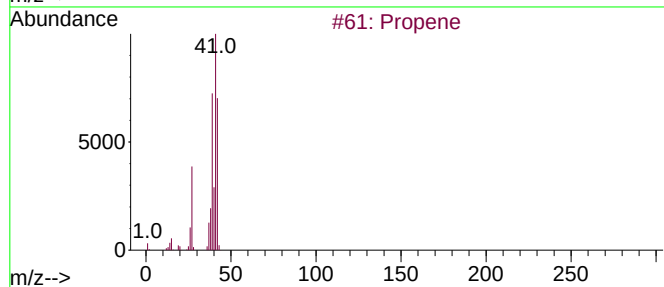
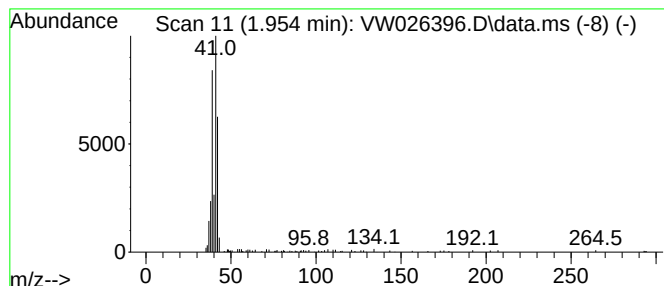
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.954	2.22 ug/L	187541	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	83
3			3-Butenoic acid	86	C4H6O2	000625-38-7	78
4			N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	74
5			Oxirane, ethenyl-	70	C4H6O	000930-22-3	64



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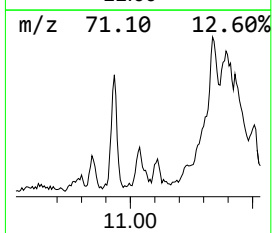
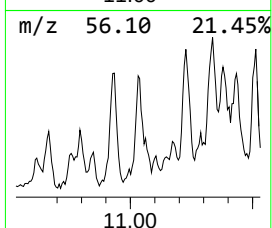
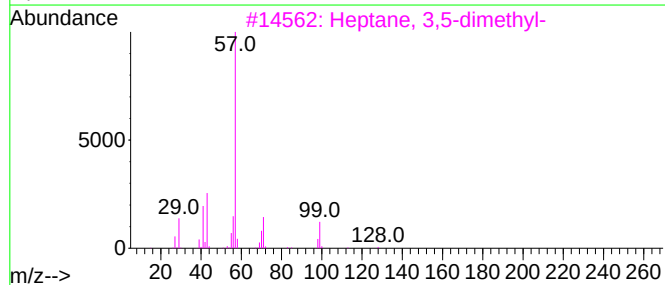
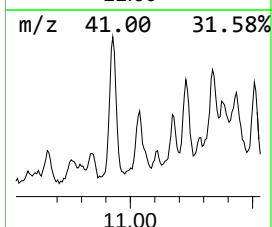
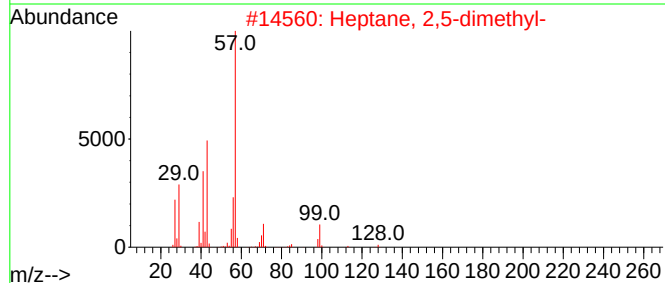
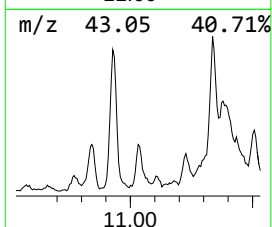
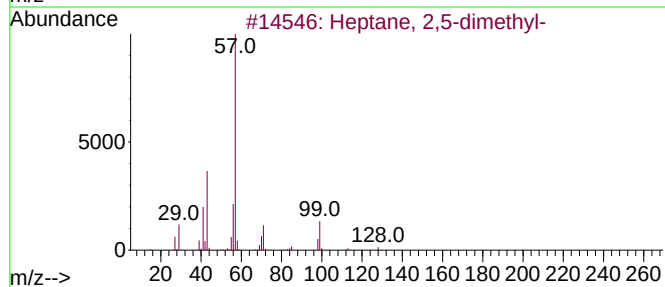
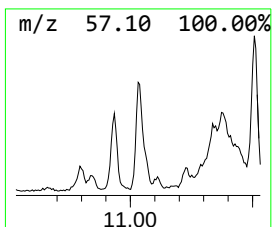
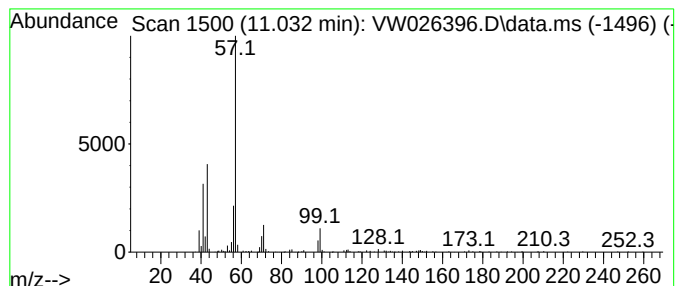
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	1.73 ug/L	140314	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72



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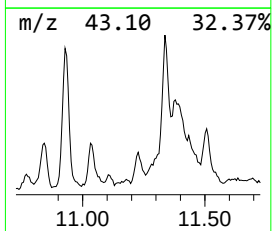
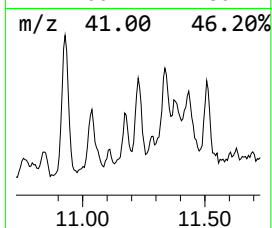
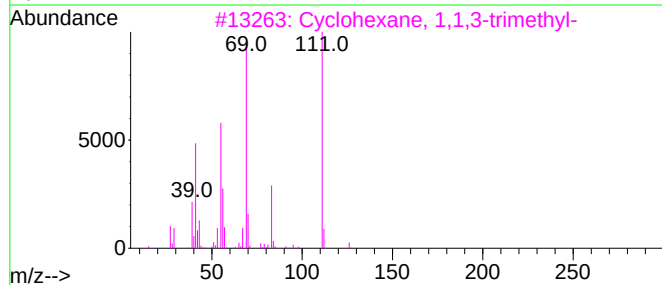
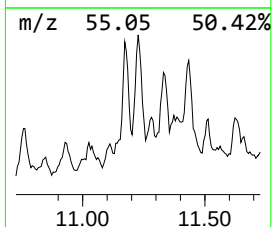
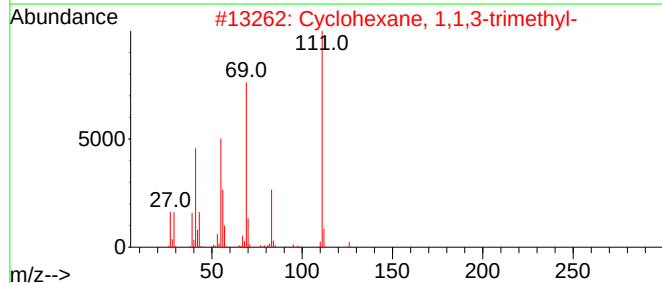
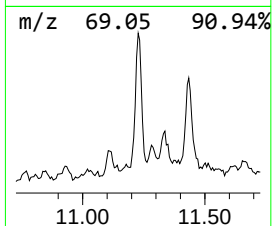
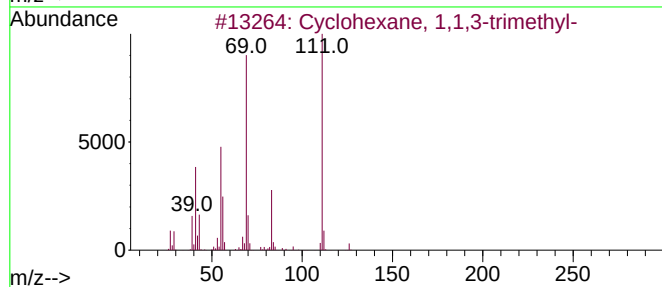
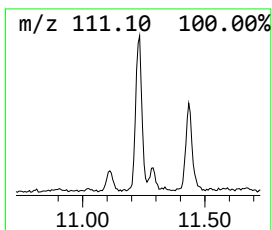
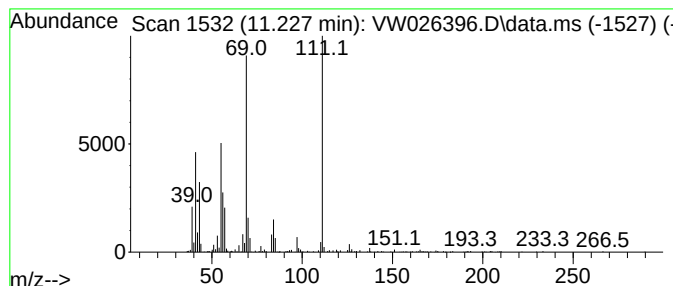
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic11.227 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.46 ug/L	199084	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
5		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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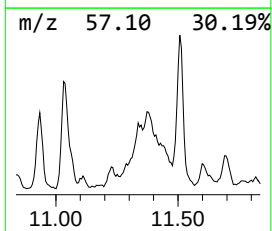
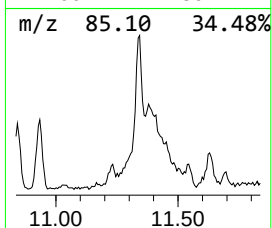
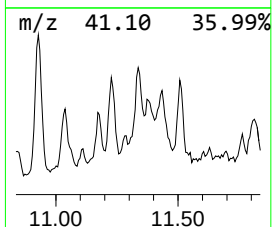
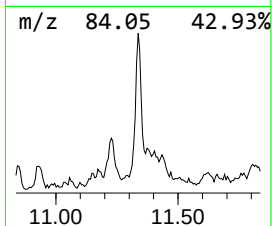
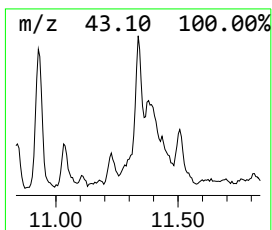
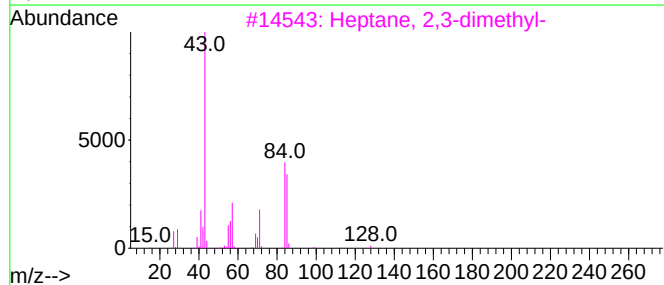
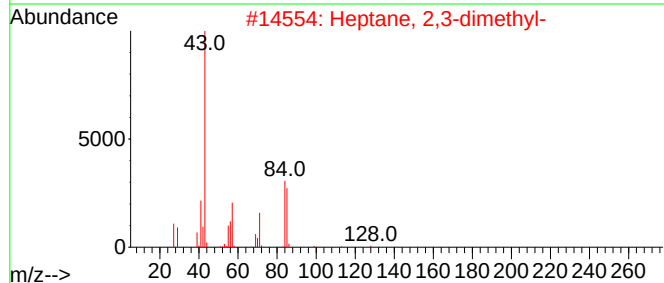
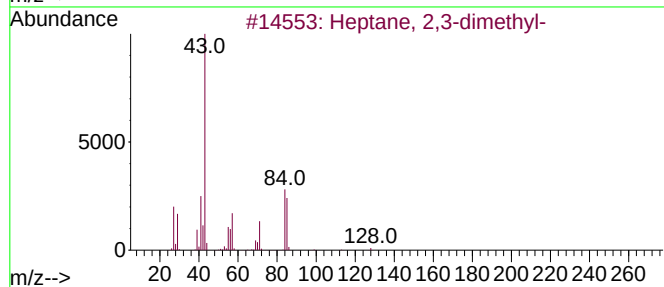
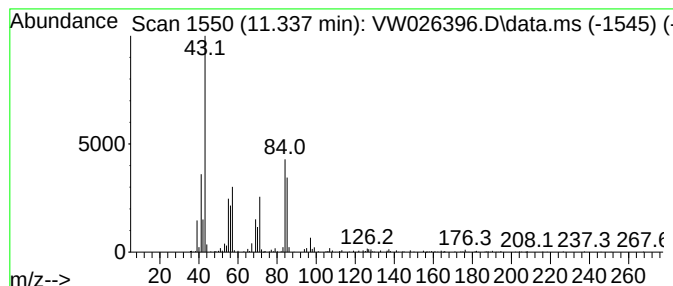
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	2.55 ug/L	205984	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	81
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4			1-Octene, 4-methyl-	126	C9H18	013151-12-7	72
5			Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

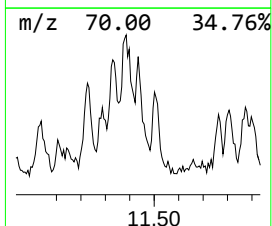
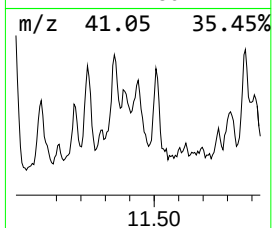
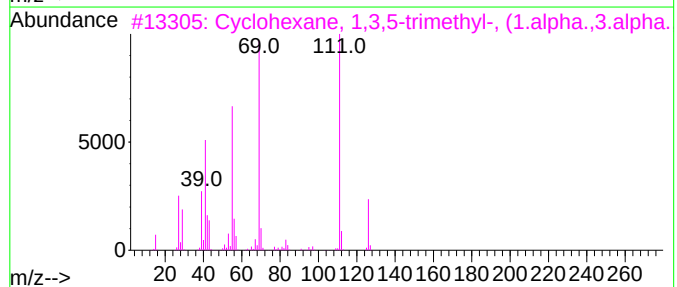
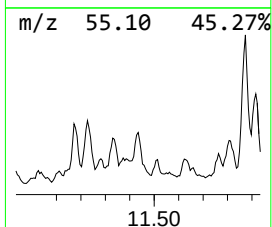
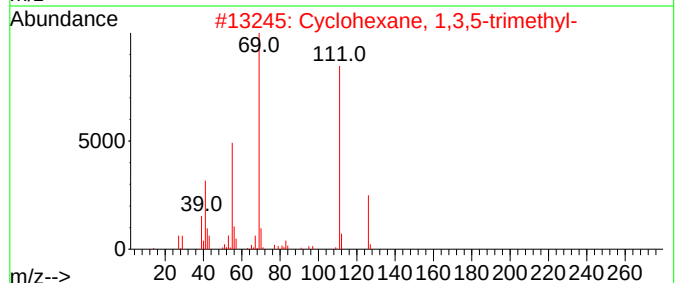
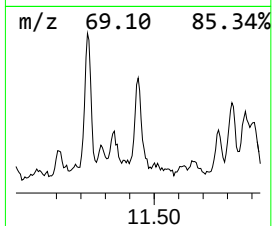
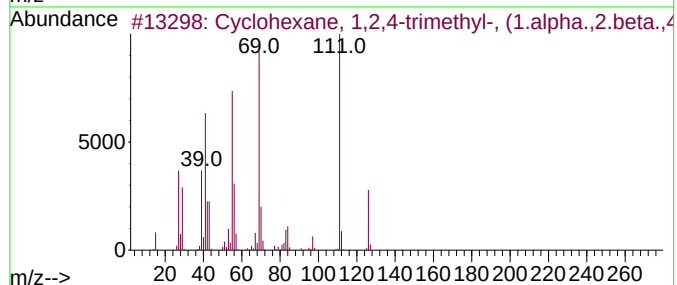
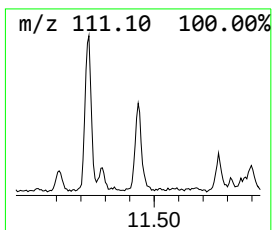
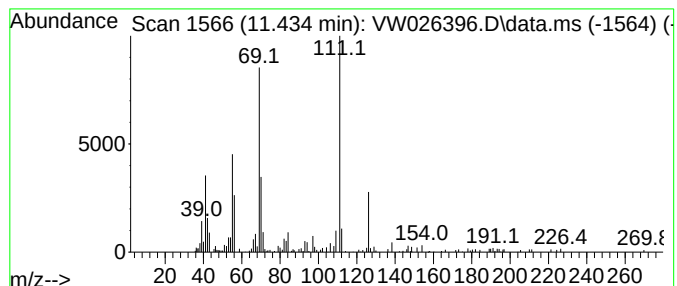
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic11.434 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	2.00 ug/L	161476	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

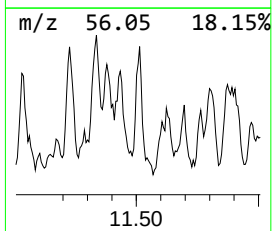
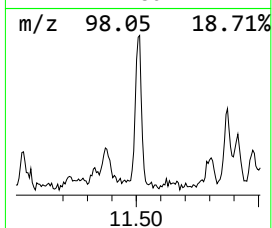
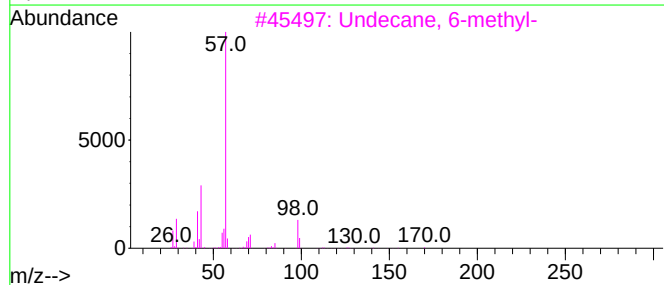
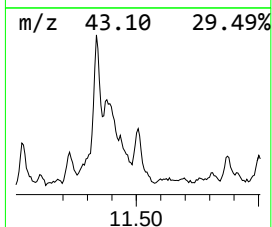
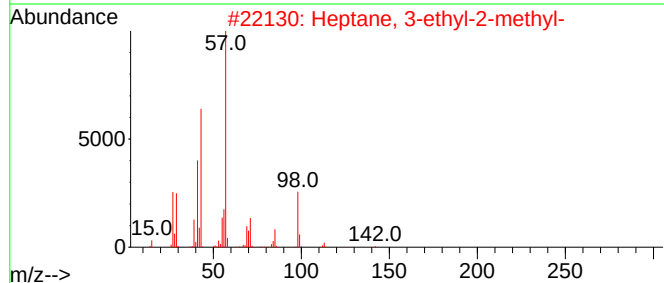
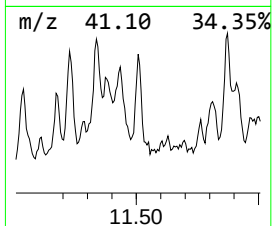
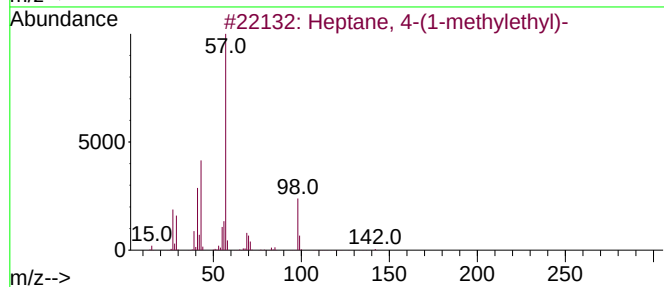
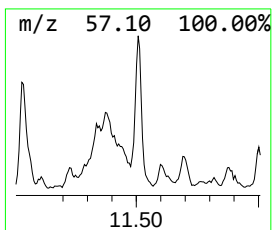
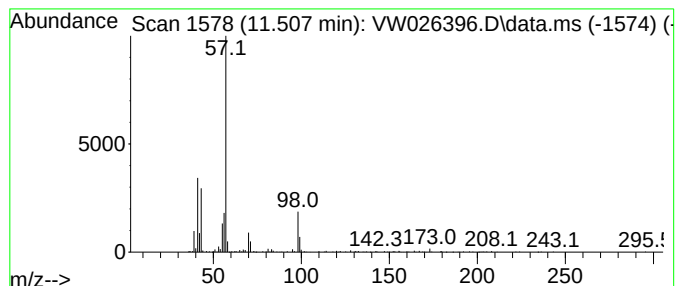
Instrument :
MSVOA_W
ClientSampleId :
A4647

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.507	2.45 ug/L	198309	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-		142	C10H22	052896-87-4	74
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	64
3	Undecane, 6-methyl-		170	C12H26	017302-33-9	59
4	Oxalic acid, isobutyl heptyl ester		244	C13H24O4	1000309-37-2	53
5	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

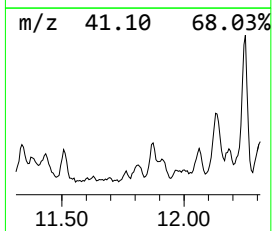
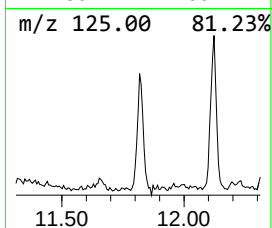
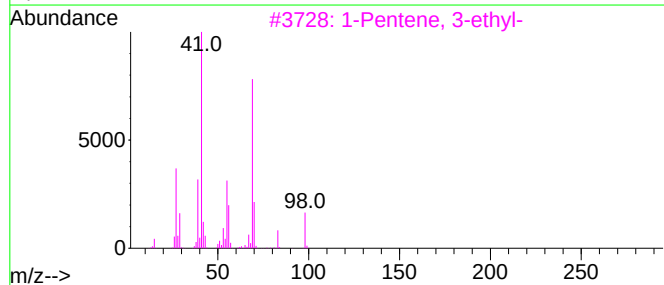
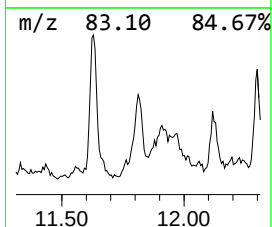
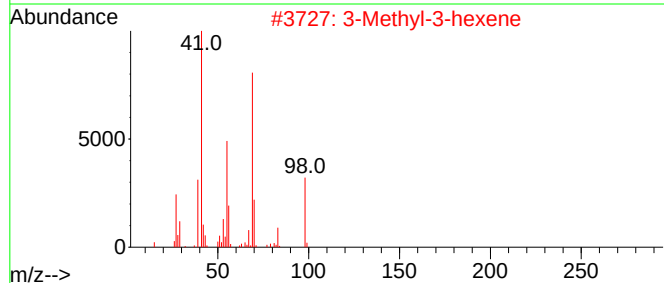
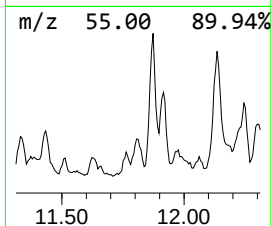
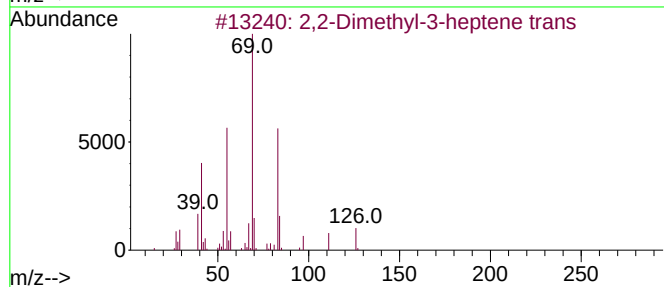
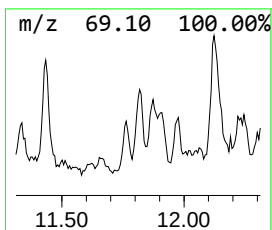
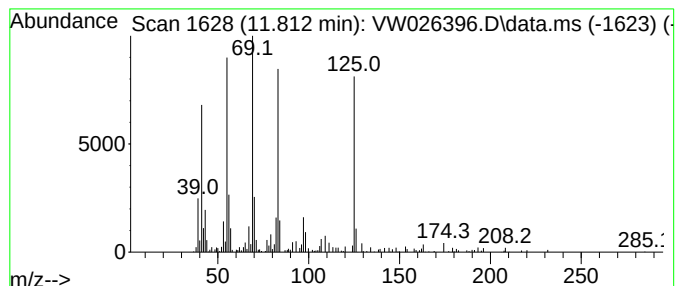
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.812	1.26 ug/L	101689	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-heptene trans		126	C9H18	019550-75-5	43
2	3-Methyl-3-hexene		98	C7H14	003404-65-7	42
3	1-Pentene, 3-ethyl-		98	C7H14	004038-04-4	38
4	2-Hexene, 3-methyl-, (Z)-		98	C7H14	010574-36-4	30
5	3-Hexene, 3-methyl-, (Z)-		98	C7H14	004914-89-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

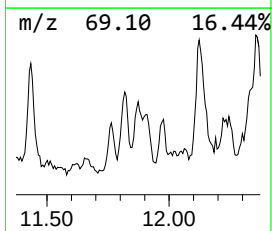
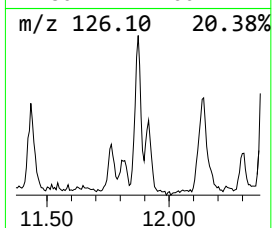
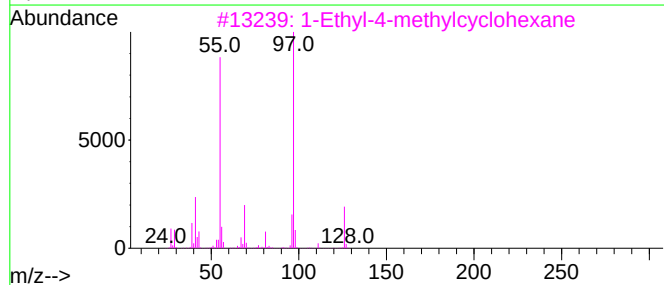
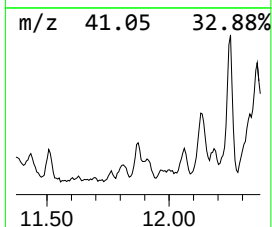
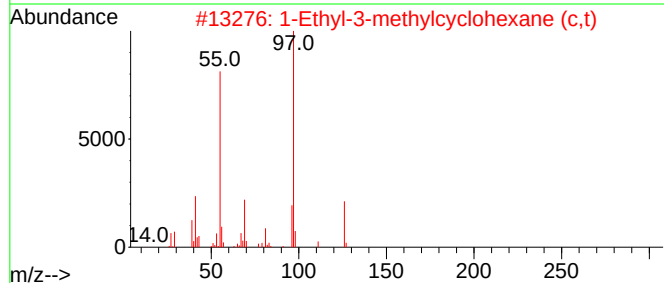
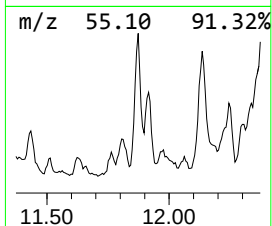
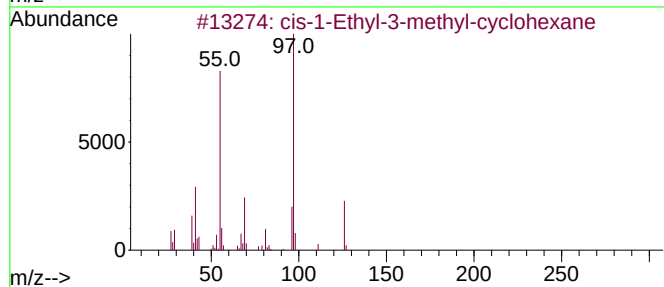
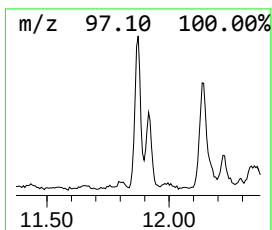
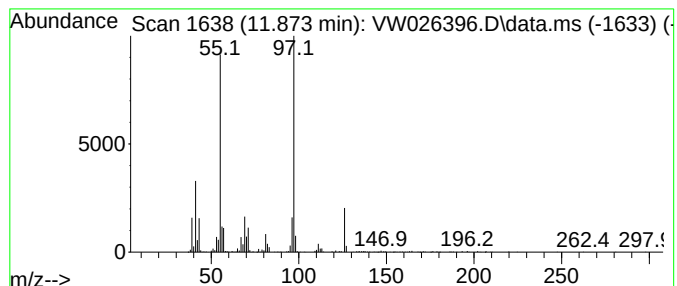
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic11.873 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.873	3.49 ug/L	281950	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	93
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	93
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

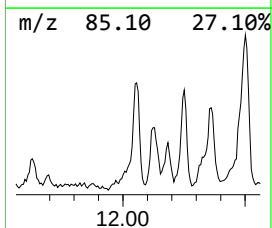
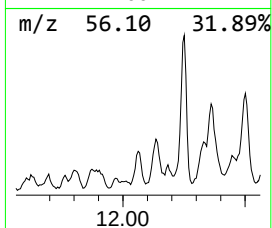
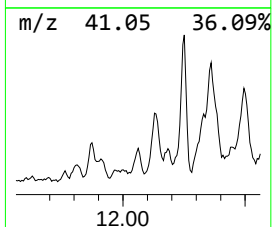
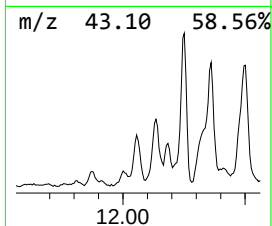
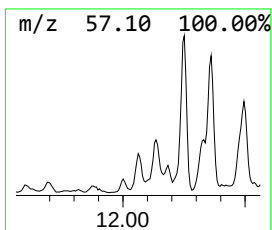
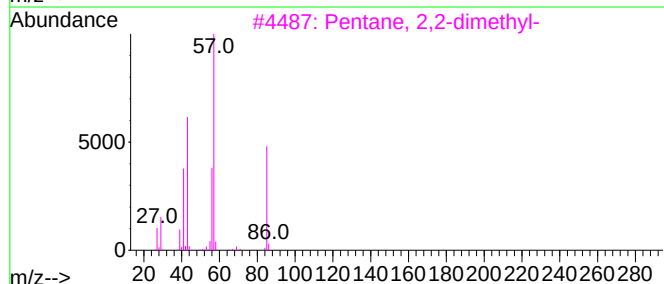
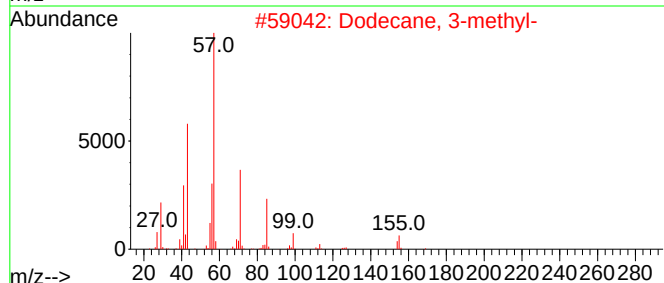
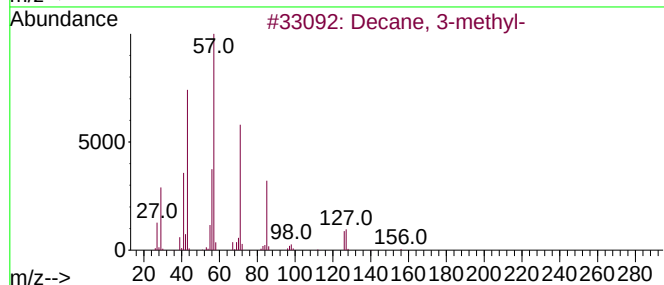
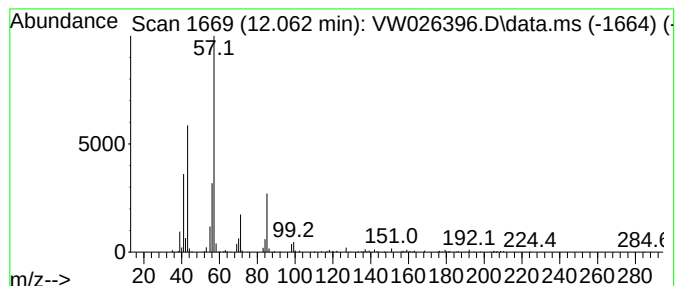
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	1.84 ug/L	148519	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	53
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

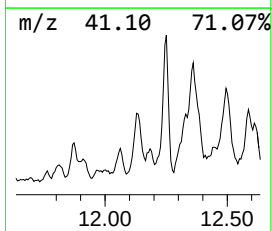
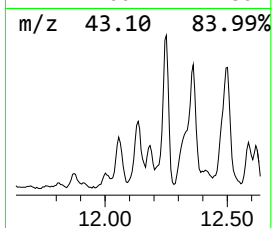
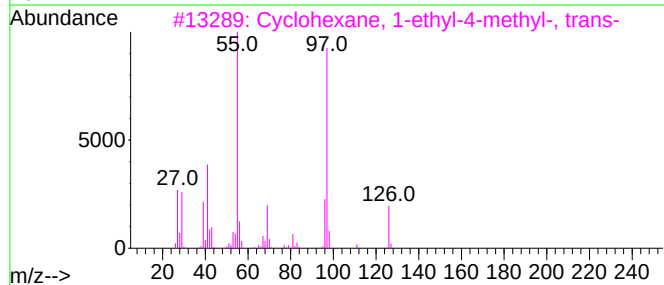
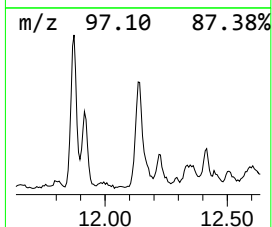
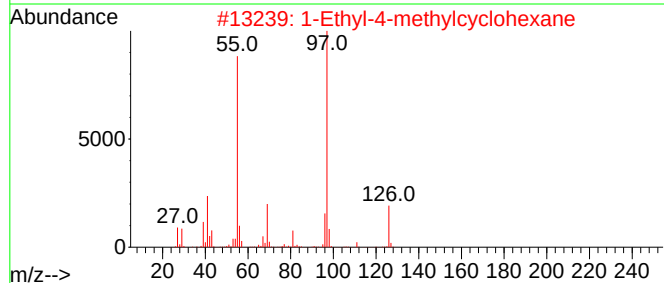
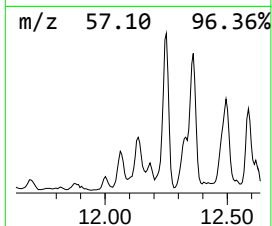
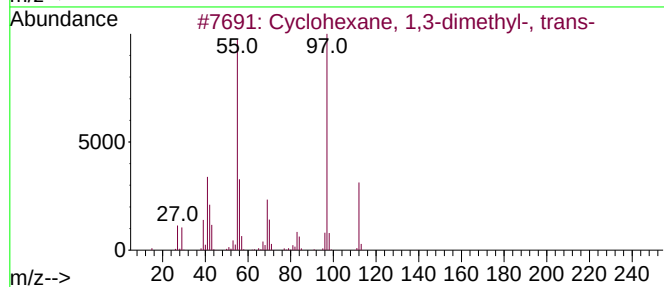
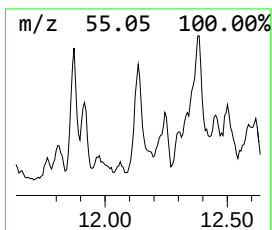
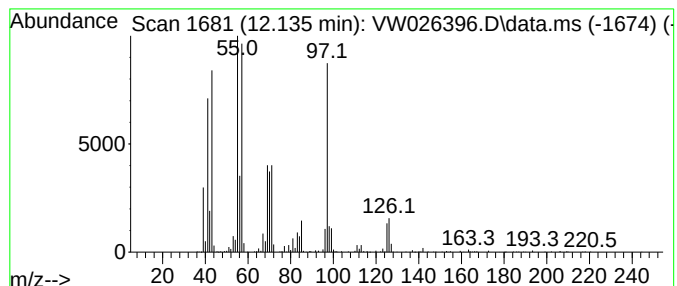
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic12.135 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	6.92 ug/L	559762	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	45
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

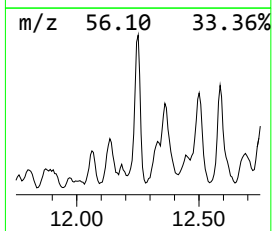
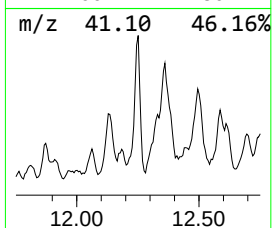
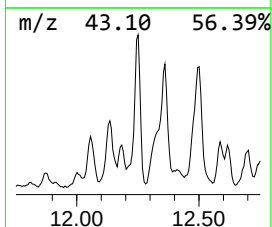
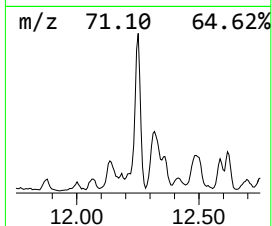
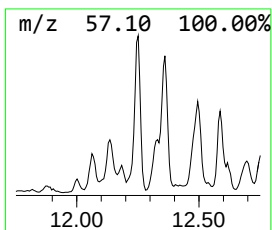
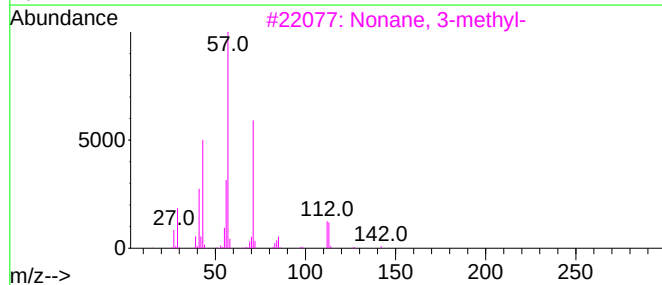
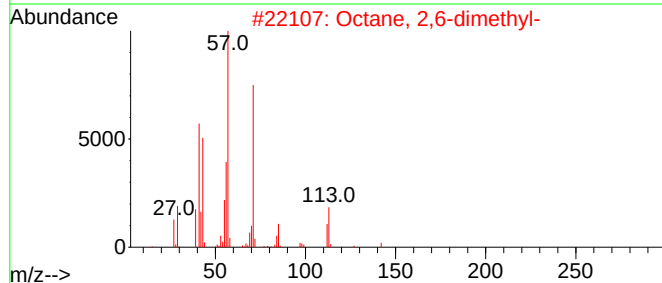
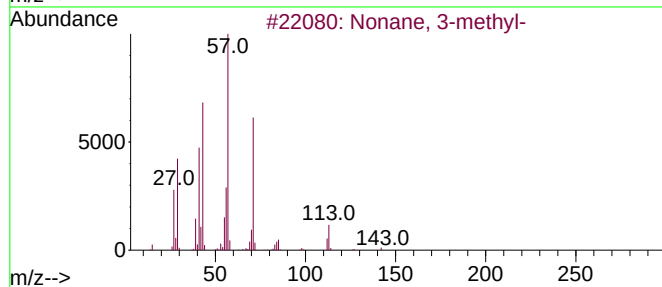
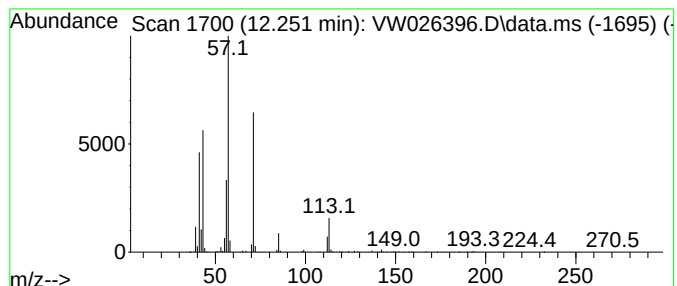
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.251	8.58 ug/L	693897	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	87
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

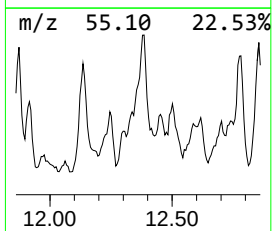
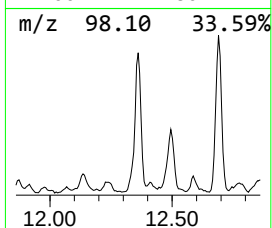
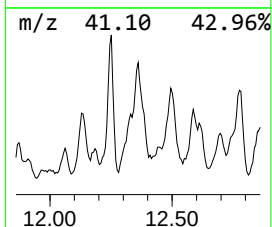
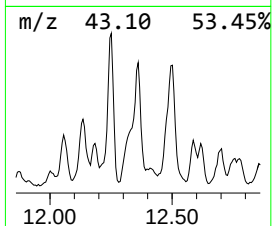
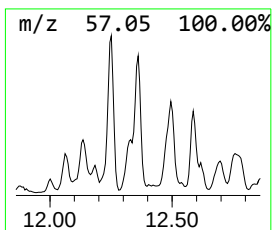
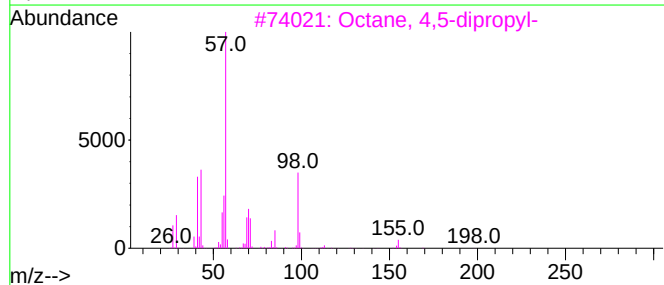
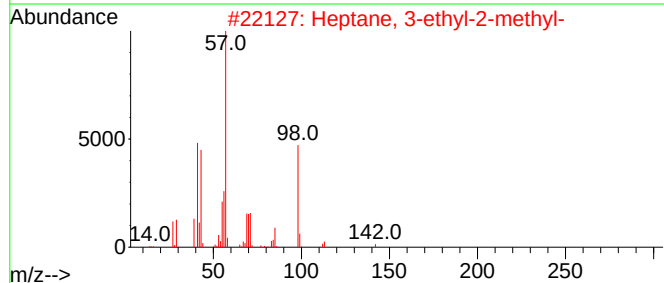
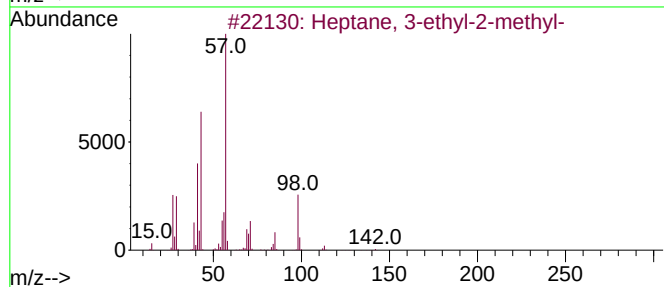
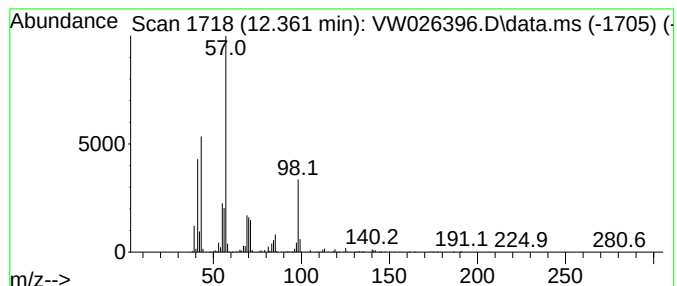
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	18.92 ug/L	1530140	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
3		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	78
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

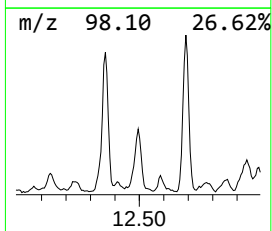
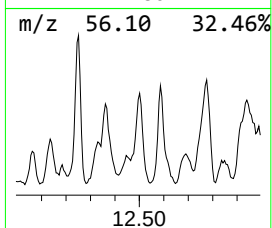
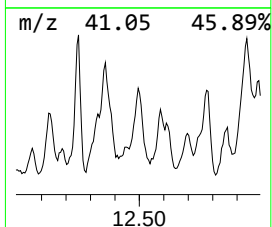
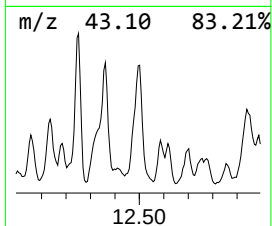
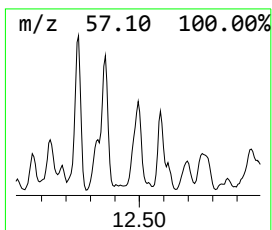
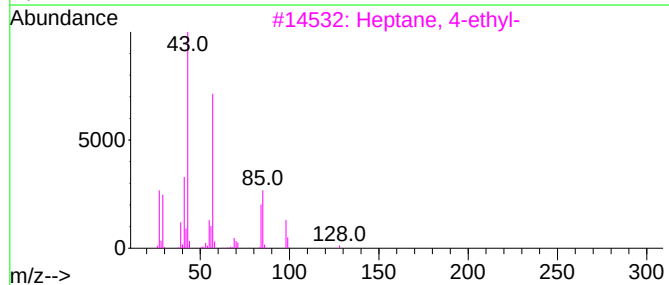
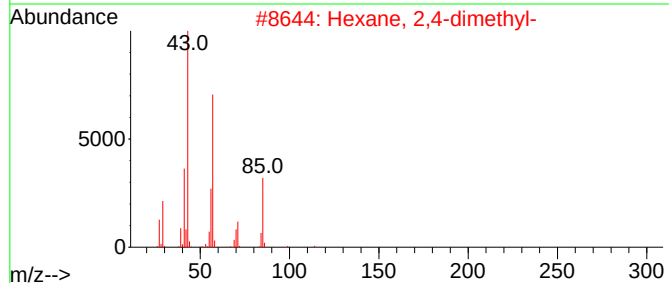
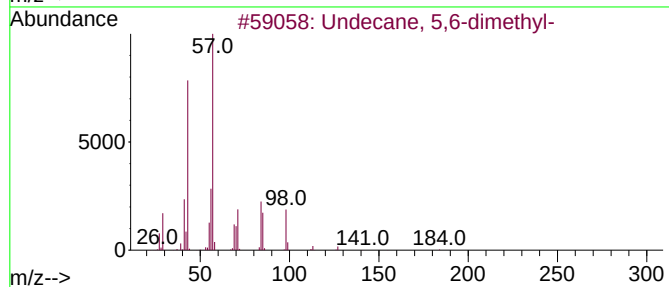
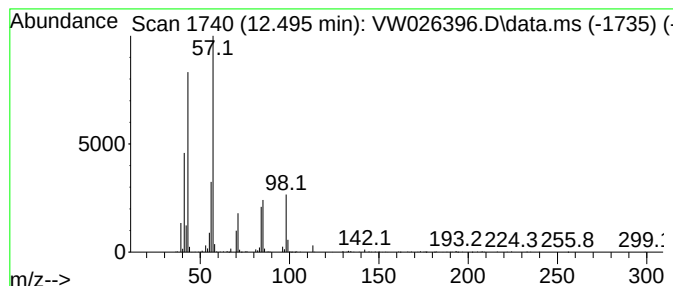
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.495	7.21 ug/L	583456	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-		184	C13H28	017615-91-7	72
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	50
3	Heptane, 4-ethyl-		128	C9H20	002216-32-2	50
4	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	49
5	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

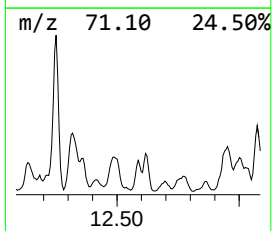
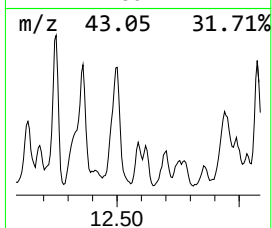
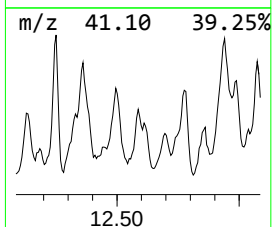
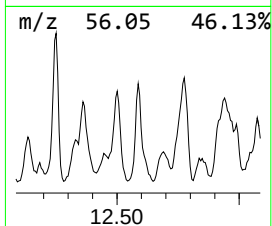
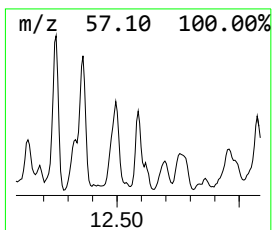
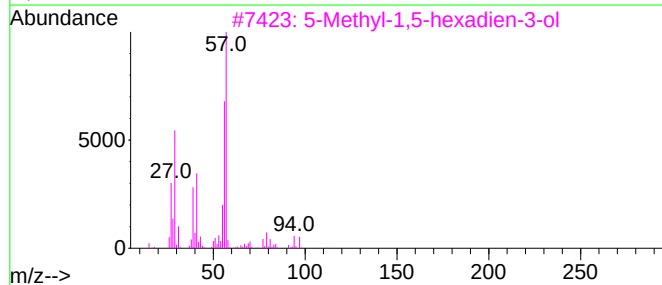
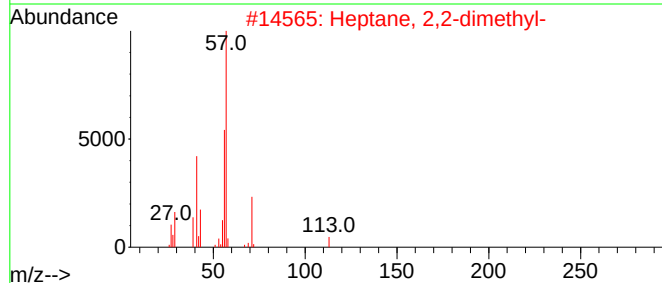
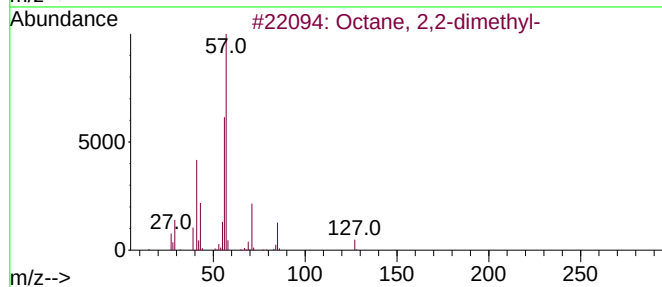
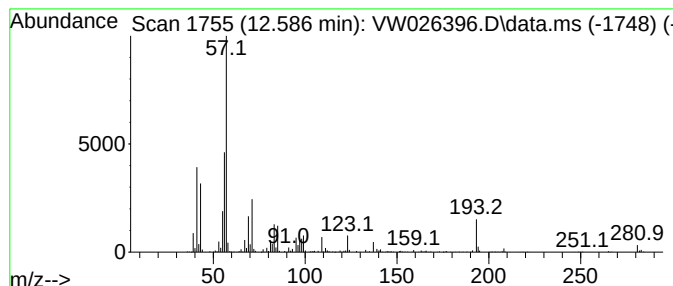
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.586	6.02 ug/L	487016	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,2-dimethyl-		142	C10H22	015869-87-1	50
2	Heptane, 2,2-dimethyl-		128	C9H20	001071-26-7	47
3	5-Methyl-1,5-hexadien-3-ol		112	C7H12O	017123-61-4	38
4	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	38
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

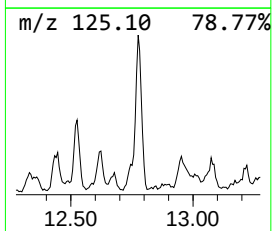
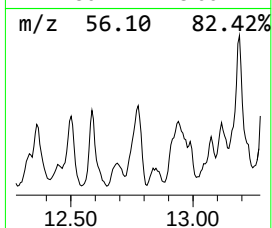
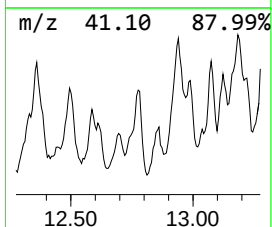
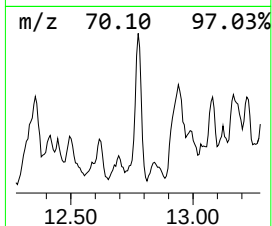
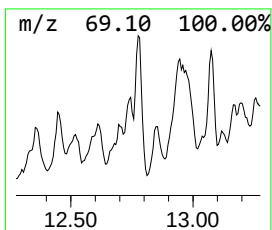
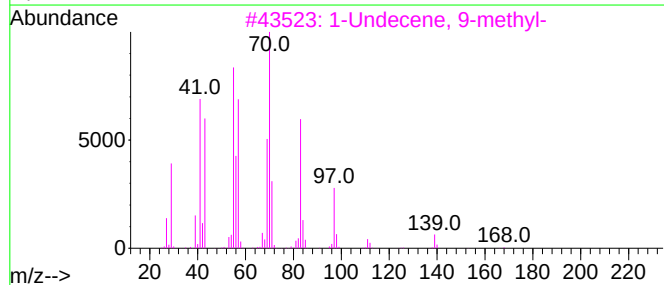
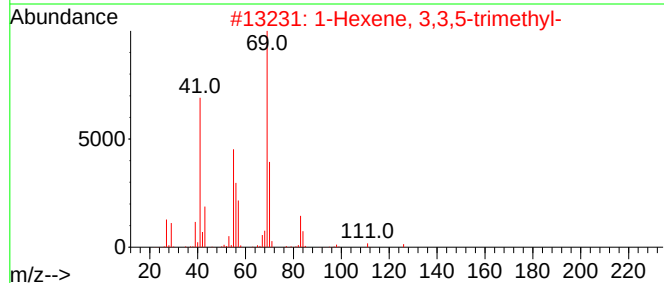
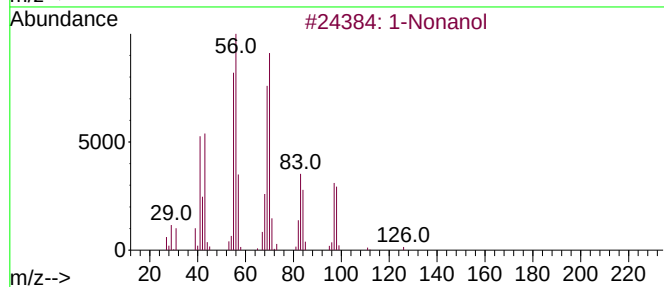
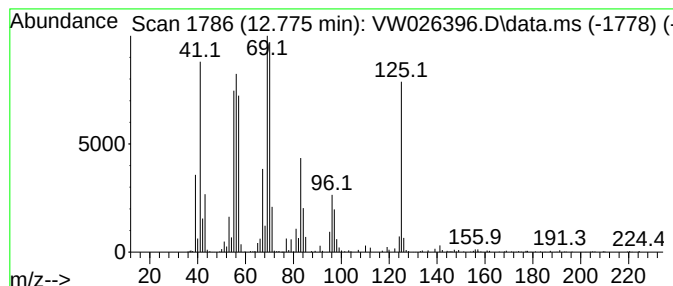
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Nonanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.775	19.35 ug/L	884454	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Nonanol		144	C9H20O	000143-08-8	50
2	1-Hexene, 3,3,5-trimethyl-		126	C9H18	013427-43-5	38
3	1-Undecene, 9-methyl-		168	C12H24	074630-41-4	25
4	2,6-Nonadienal, (E,E)-		138	C9H14O	017587-33-6	22
5	5-Ethyl-1-nonene		154	C11H22	019780-74-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

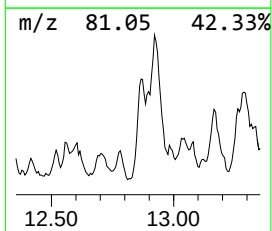
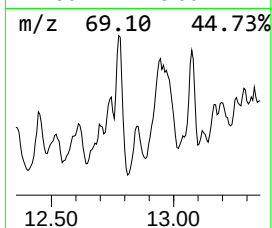
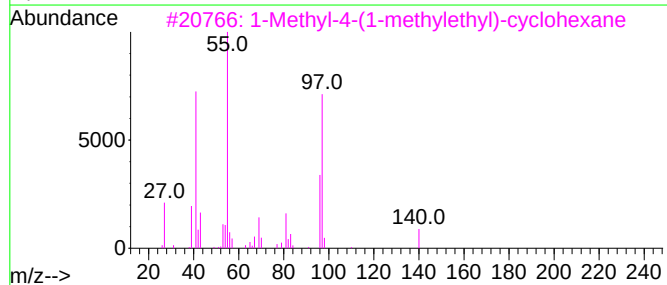
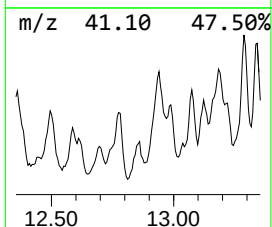
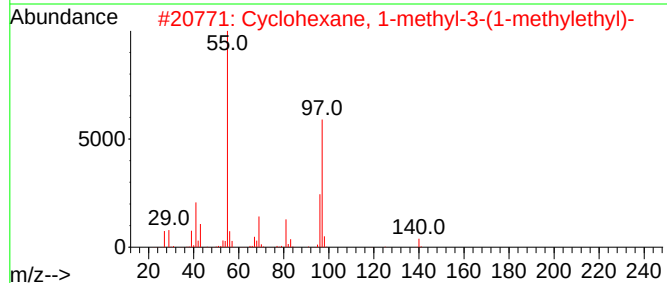
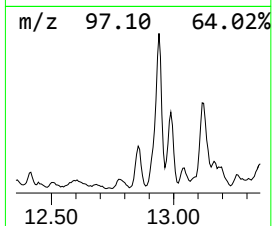
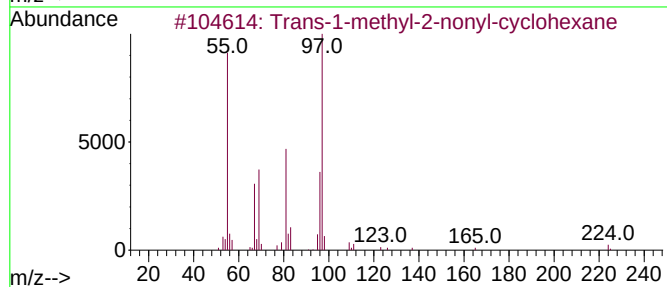
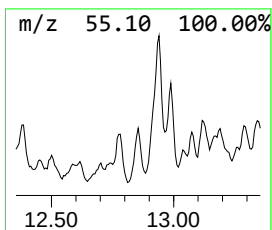
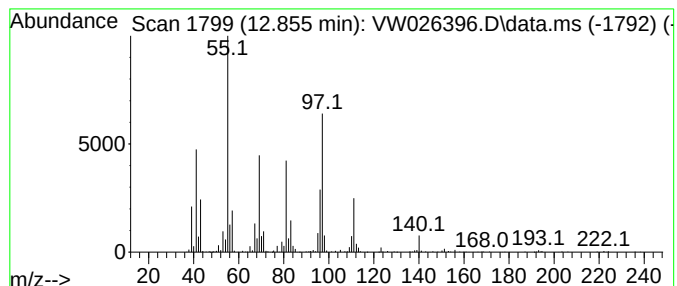
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic12.855 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	10.54 ug/L	481798	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	70
2			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	58
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	55
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

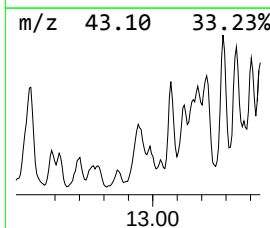
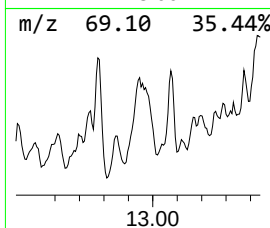
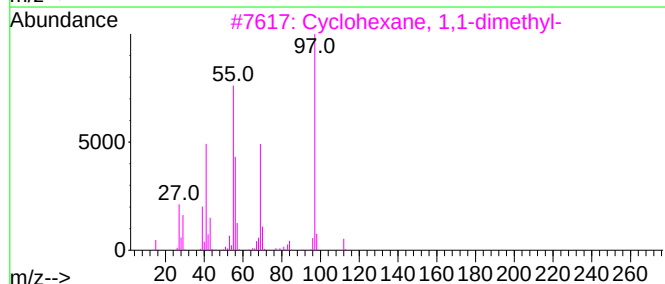
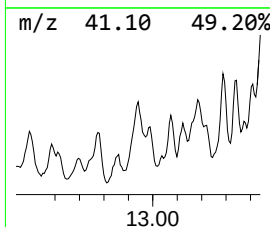
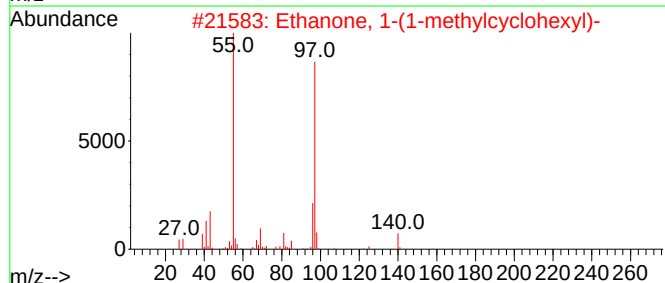
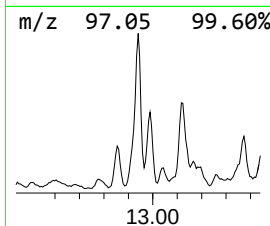
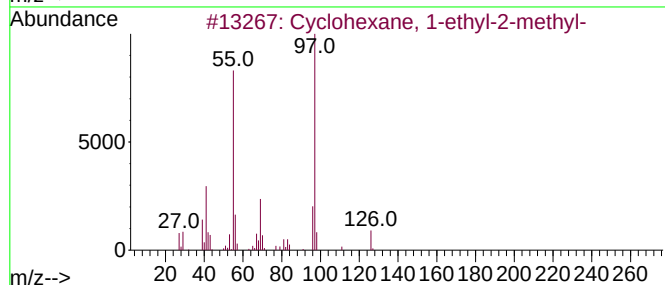
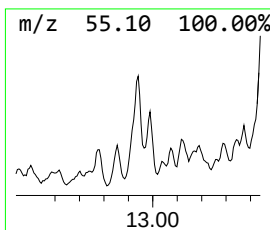
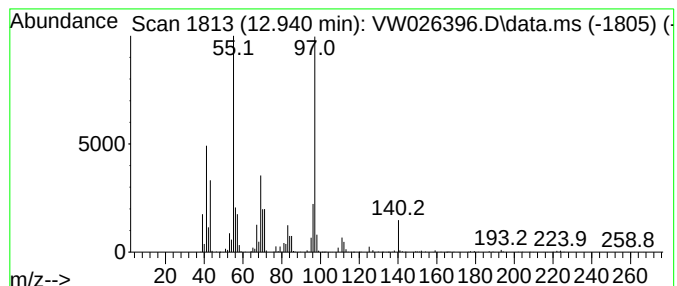
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic12..940 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	27.07 ug/L	1237050	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	52
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
4			2,4-Dimethyl-1,5-diazabicyclo[3...]	112	C6H12N2	1000283-20-9	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

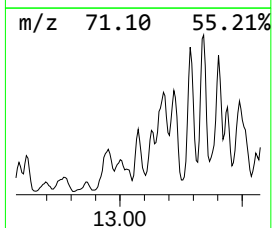
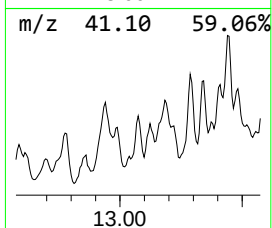
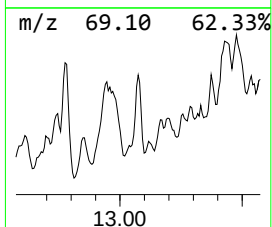
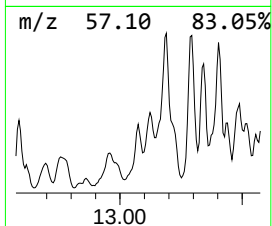
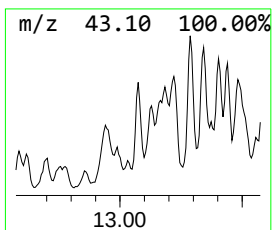
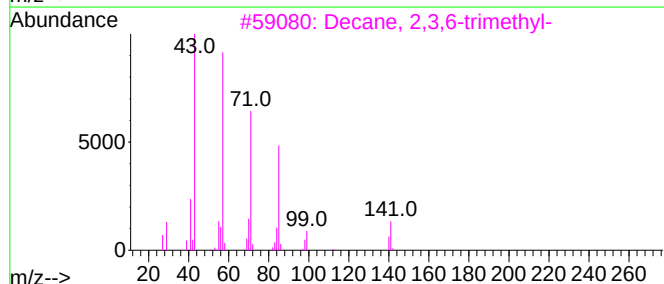
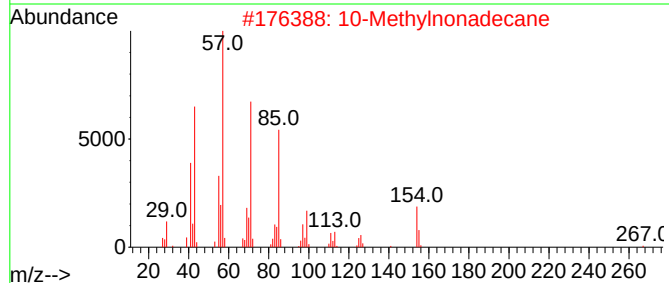
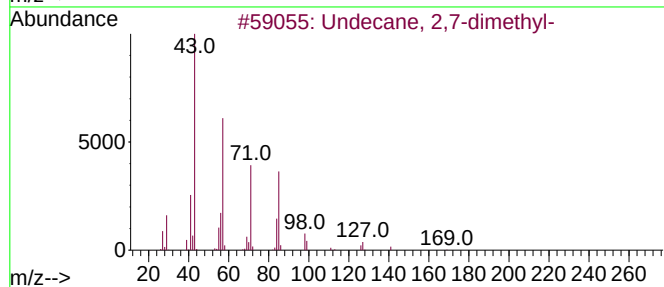
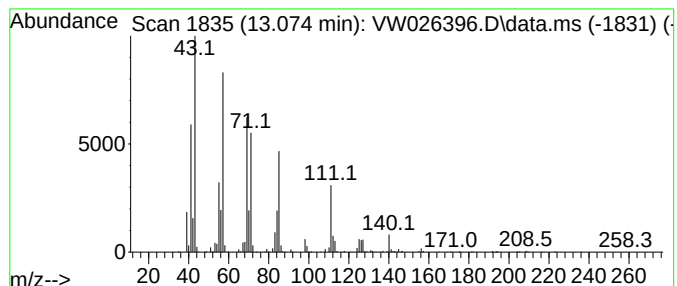
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	8.25 ug/L	377022	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,7-dimethyl-		184	C13H28	017301-24-5	64
2	10-Methylnonadecane		282	C20H42	056862-62-5	64
3	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	59
4	Sulfurous acid, 2-propyl tetrade...		320	C17H36O3S	1010309-12-5	53
5	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

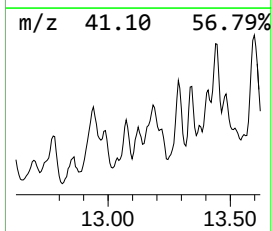
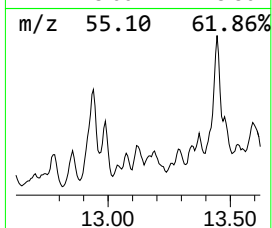
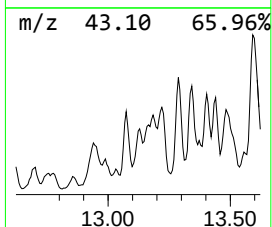
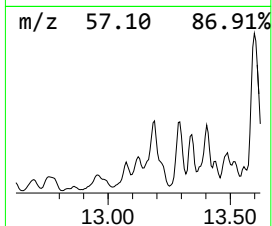
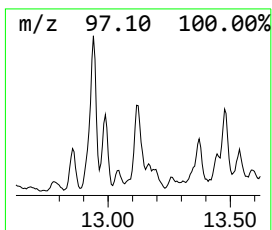
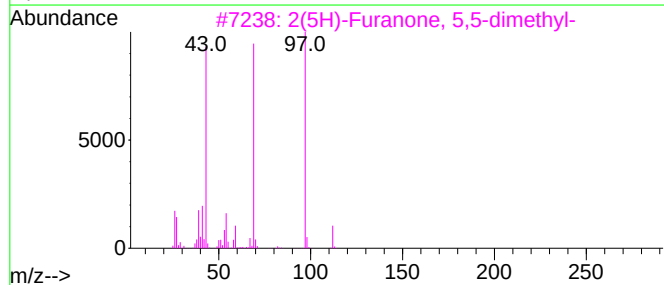
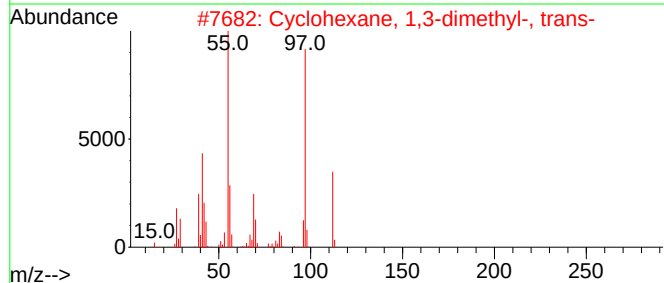
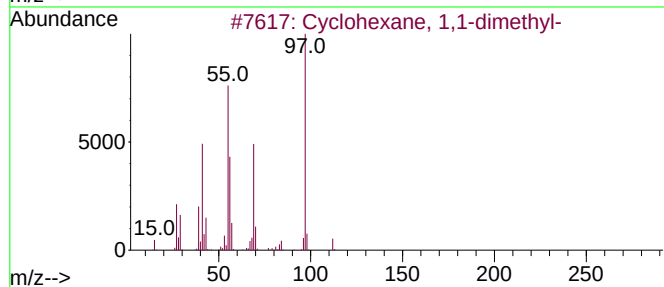
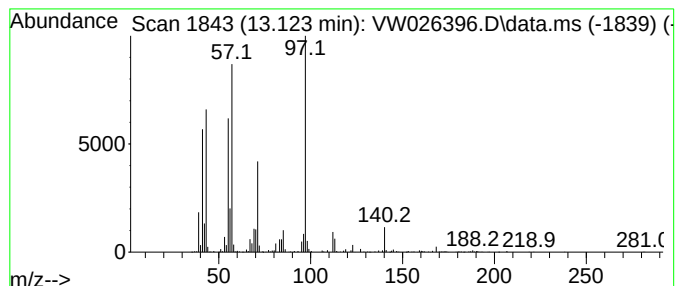
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic13.123 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	9.03 ug/L	412903	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	42
3			2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38
4			Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2	028450-02-4	38
5			2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

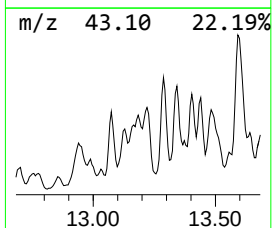
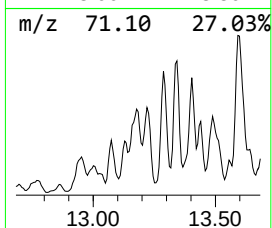
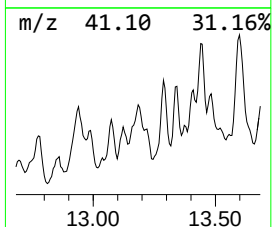
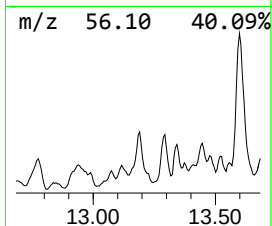
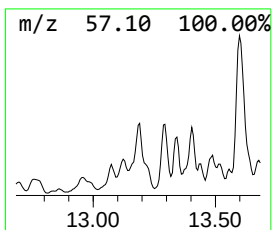
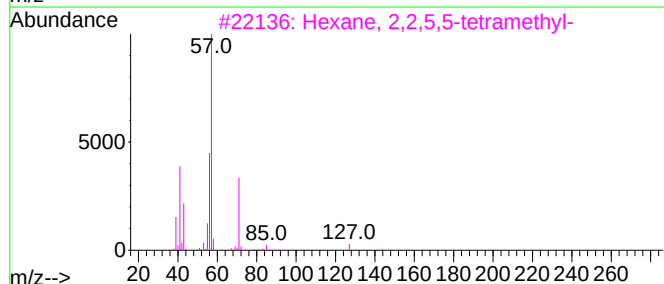
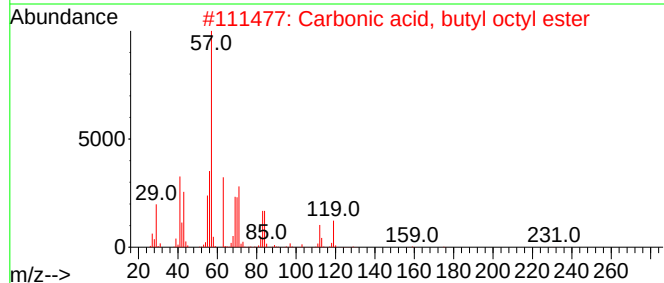
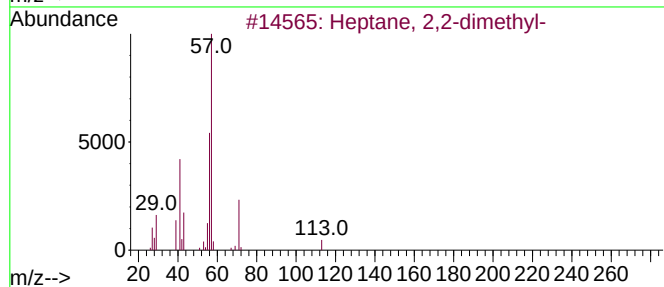
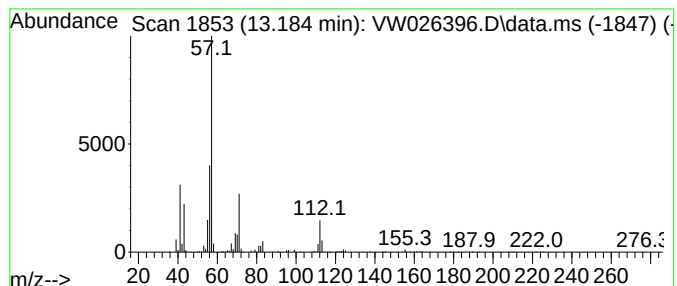
Instrument :
MSVOA_W
ClientSampleId :
A4647

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.184	12.98 ug/L	593415	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
2	Carbonic acid, butyl octyl ester	230	C13H26O3	1010314-63-5	56
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

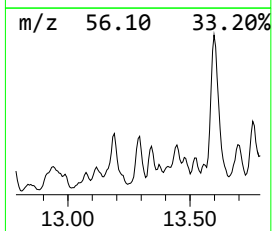
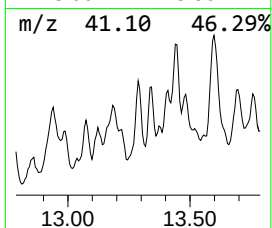
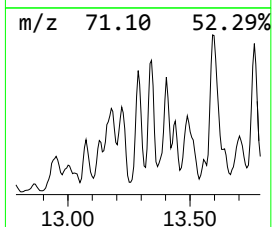
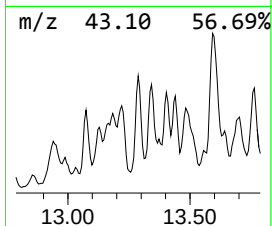
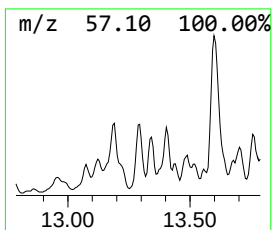
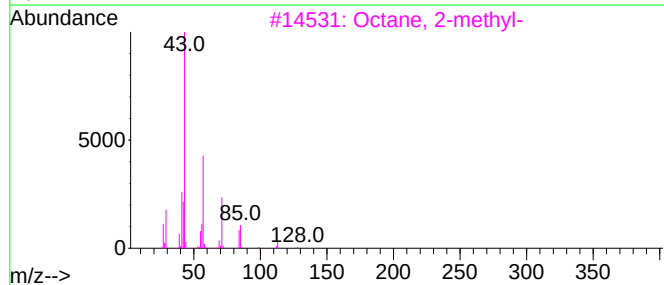
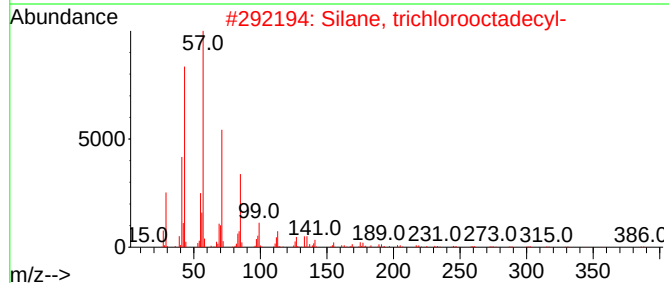
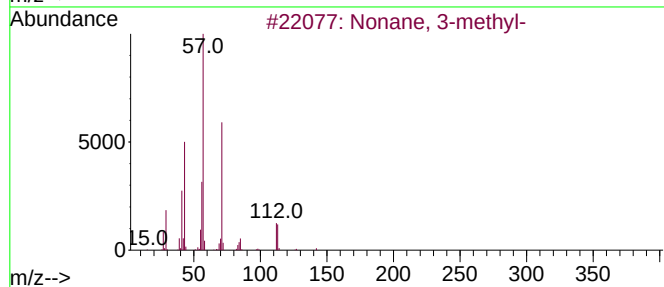
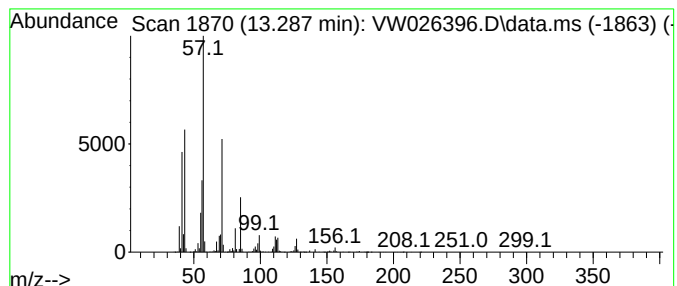
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	22.28 ug/L	1018240	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3			Octane, 2-methyl-	128	C9H20	003221-61-2	72
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

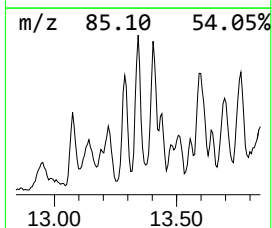
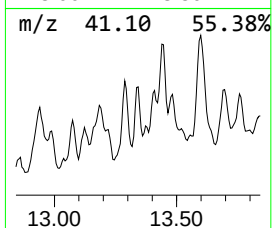
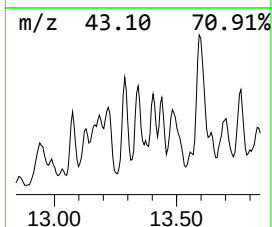
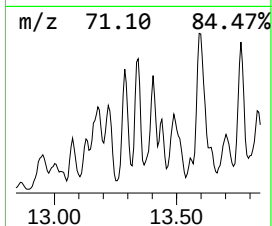
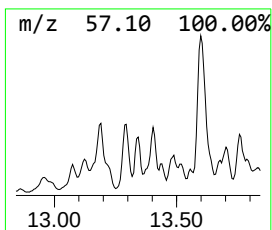
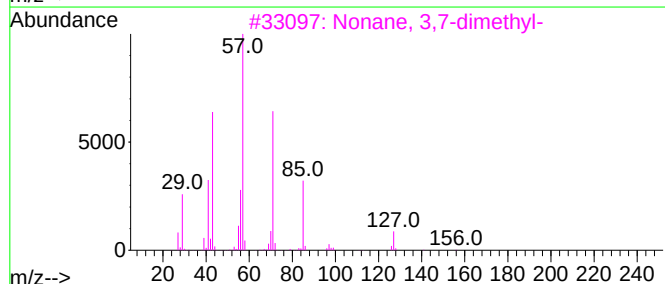
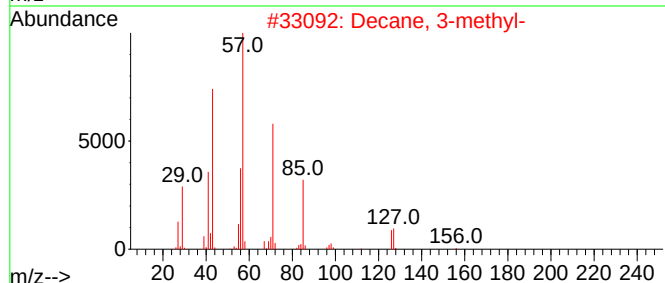
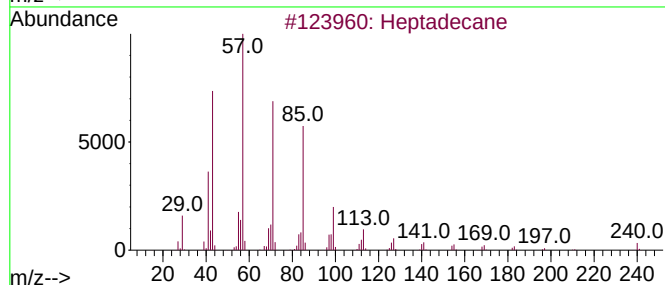
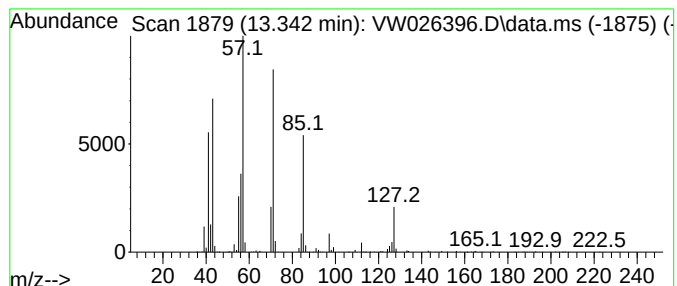
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.342	12.19 ug/L	556983	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Octadecane	254	C18H38	000593-45-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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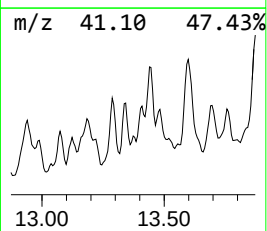
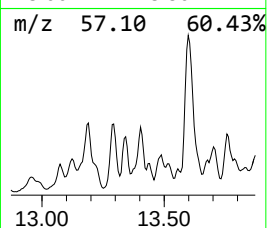
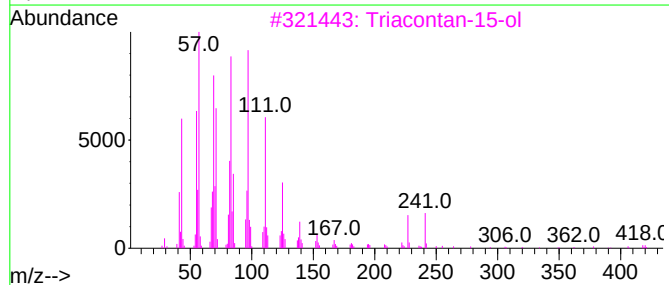
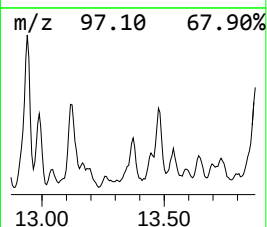
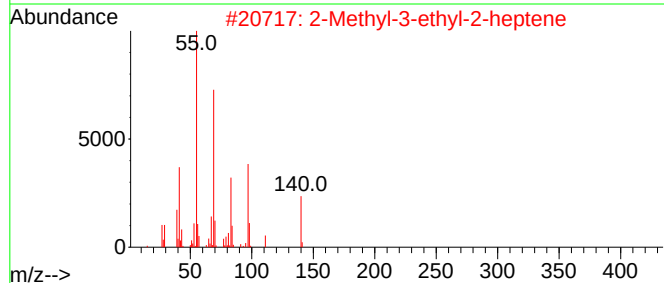
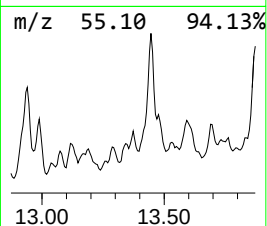
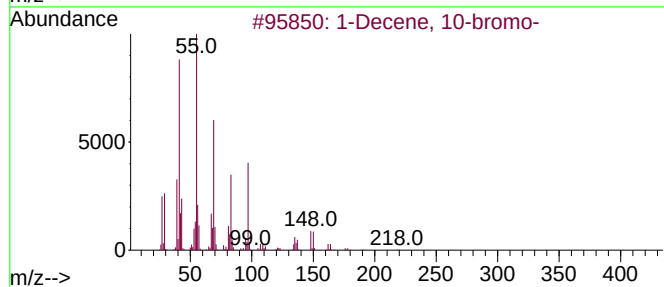
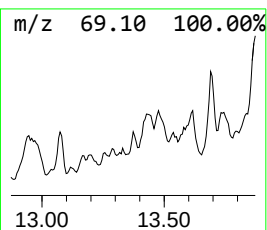
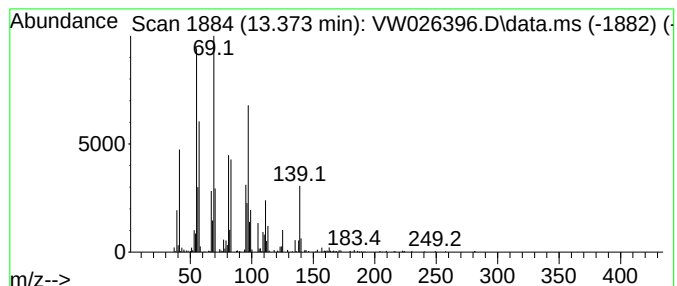
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	2.21 ug/L	100939	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	47
2			2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	47
3			Triacontan-15-ol	438	C30H62O	031849-26-0	35
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

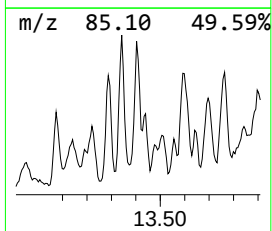
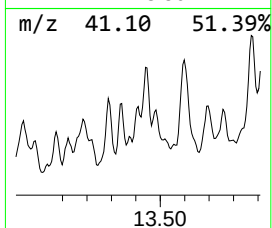
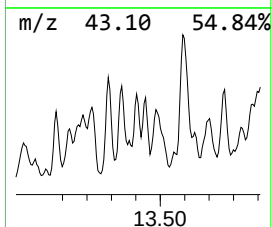
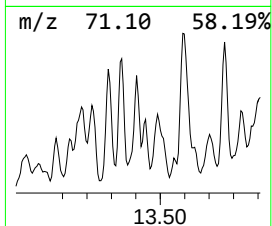
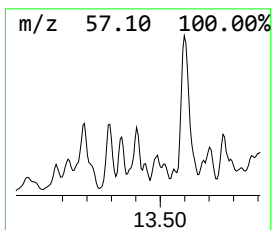
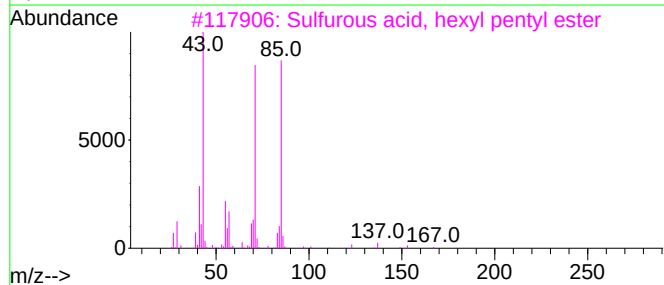
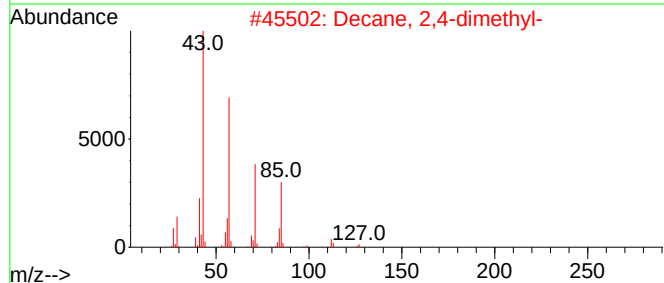
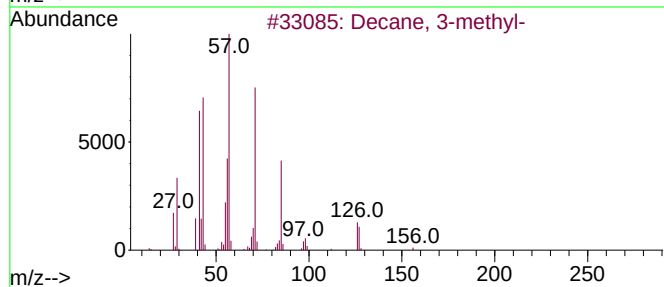
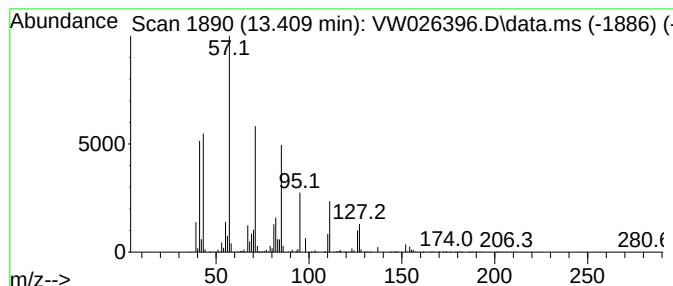
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MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.409	9.80 ug/L	447812	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	53
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

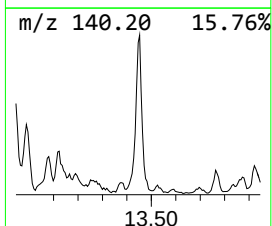
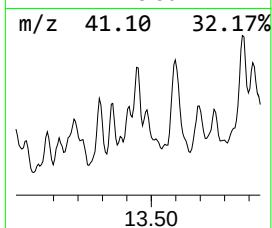
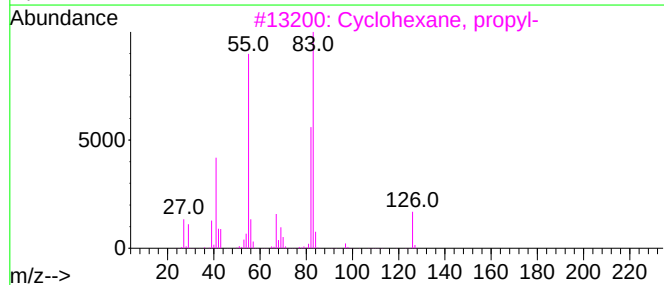
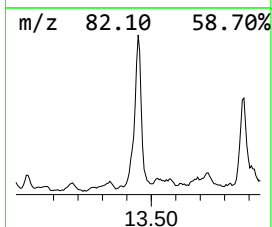
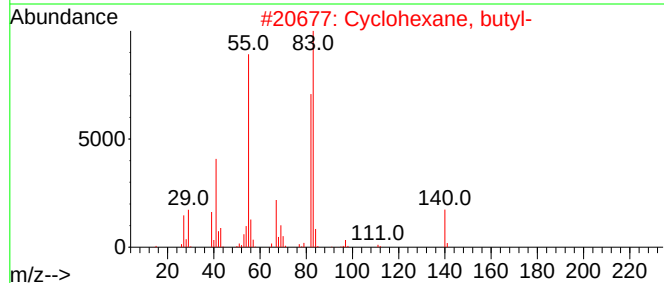
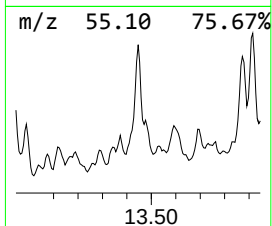
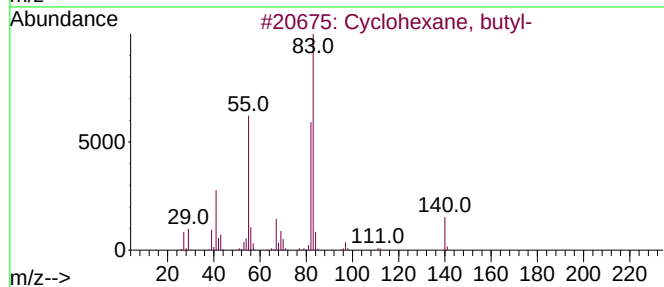
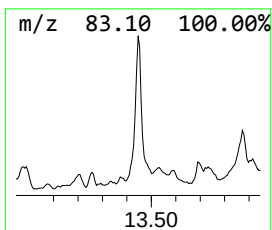
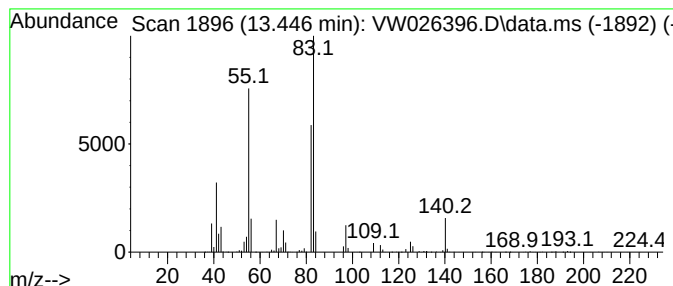
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic13.446 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	16.98 ug/L	775852	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

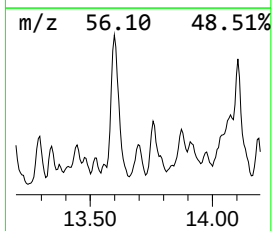
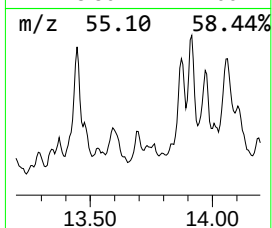
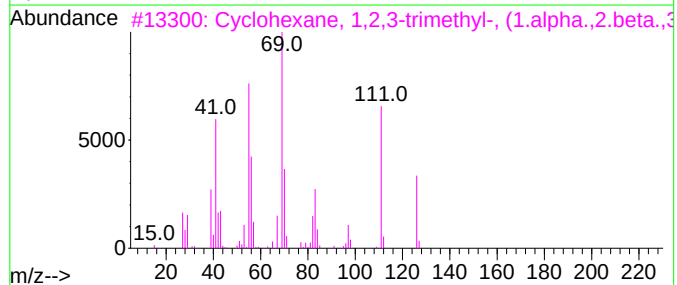
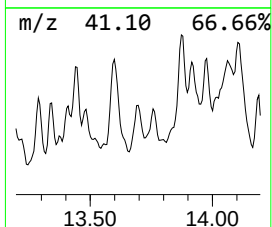
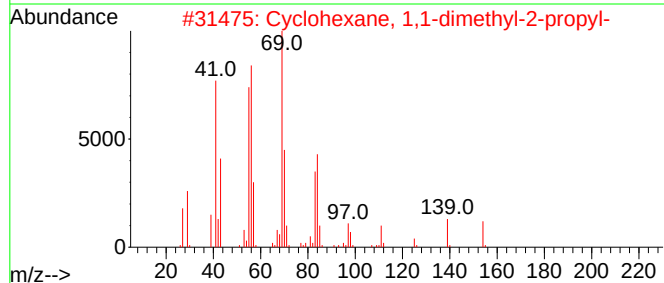
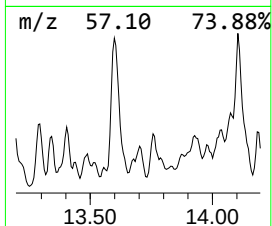
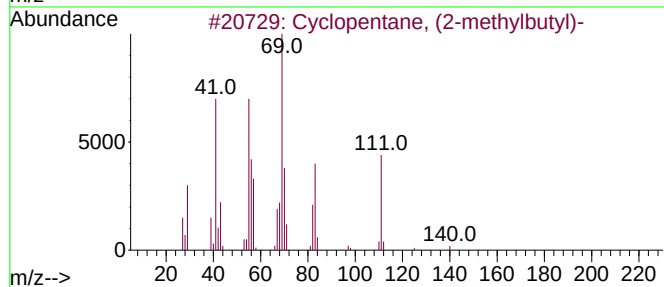
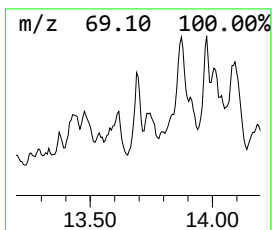
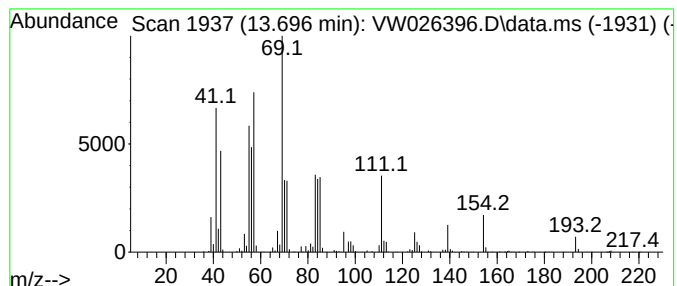
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic13.696 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.696	19.25 ug/L	879777	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	53
3	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	52
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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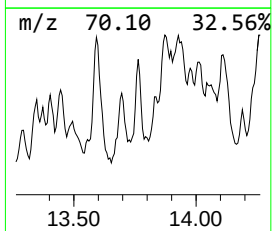
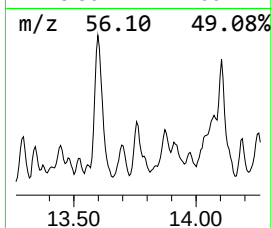
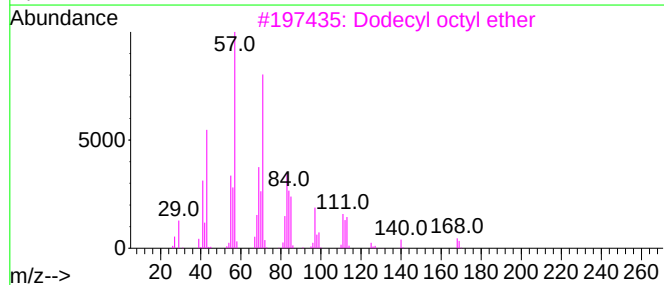
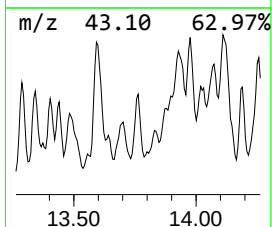
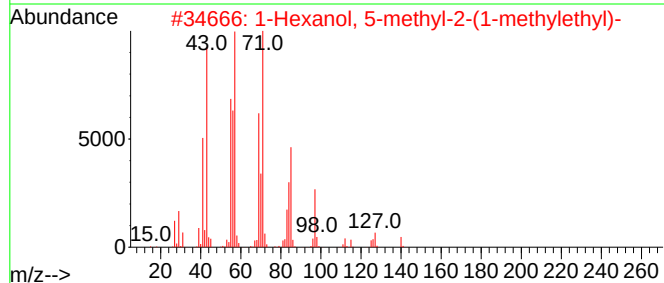
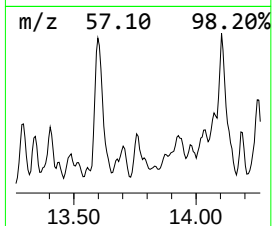
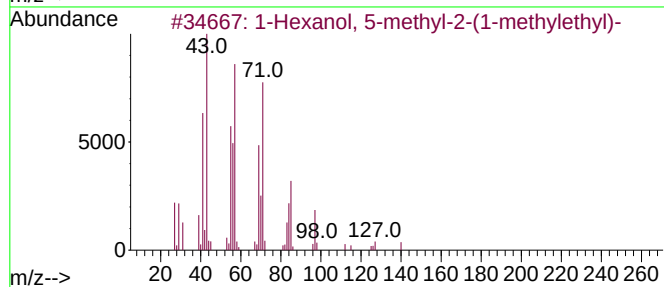
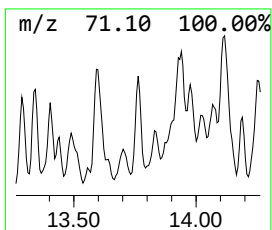
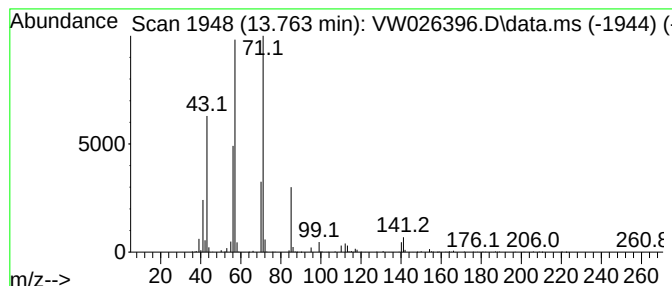
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	10.55 ug/L	482101	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	78
2		1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	78
3		Dodecyl octyl ether	298	C20H42O	1000406-38-4	72
4		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	59
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

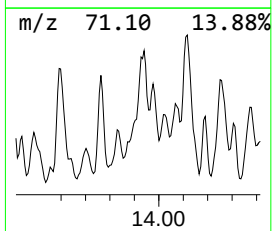
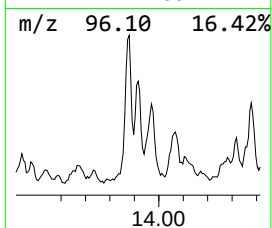
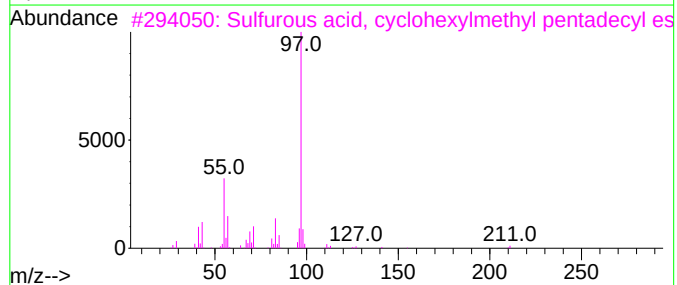
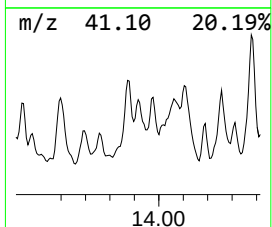
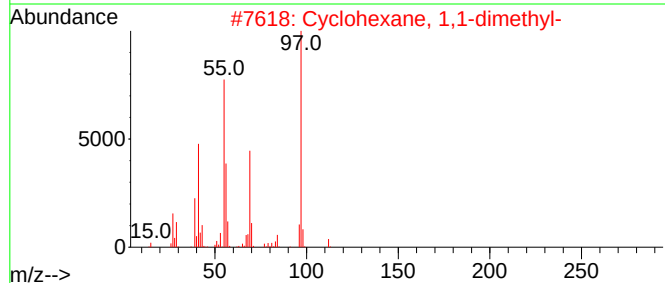
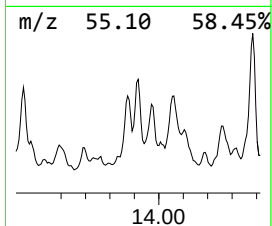
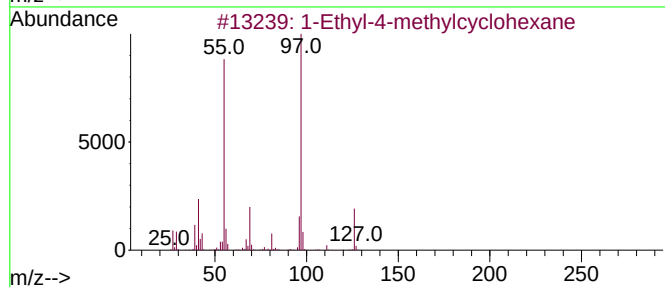
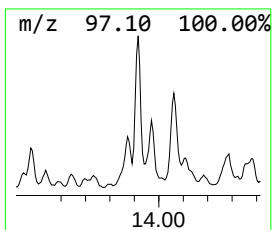
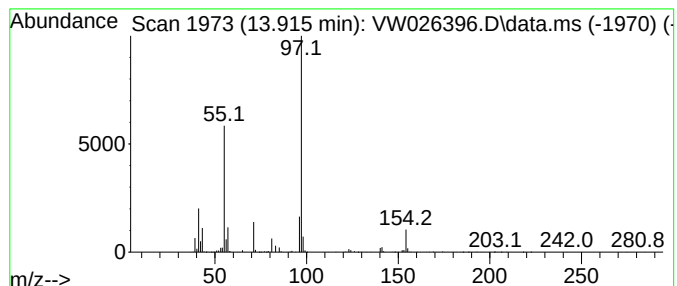
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic13.915 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.915	23.68 ug/L	1082000	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
3	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	45
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	45
5	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

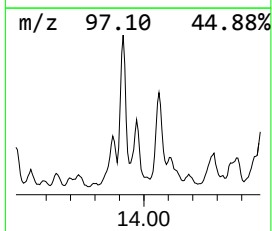
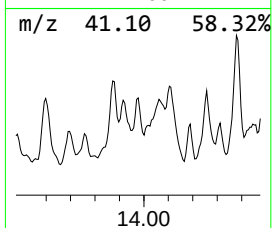
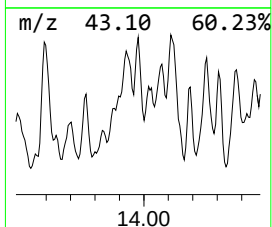
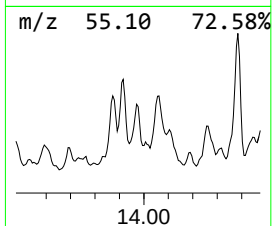
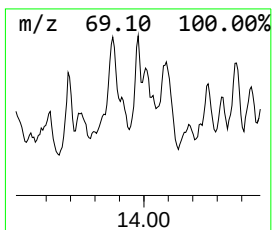
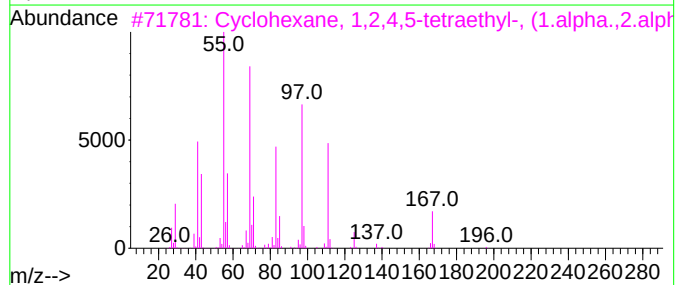
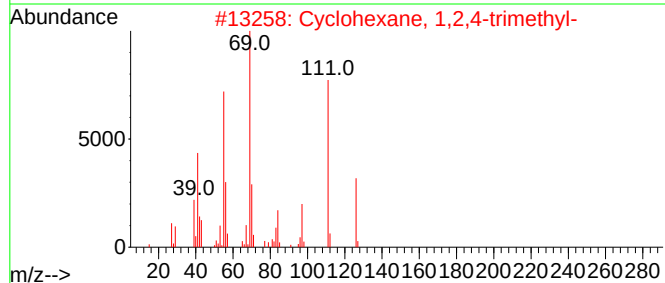
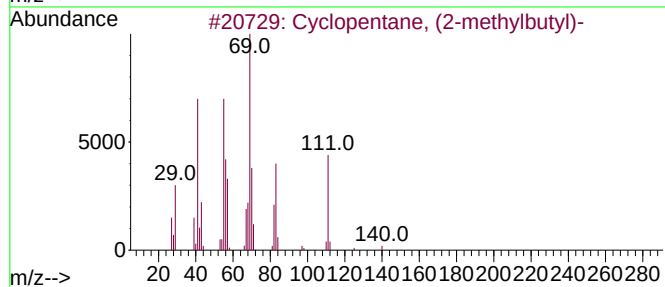
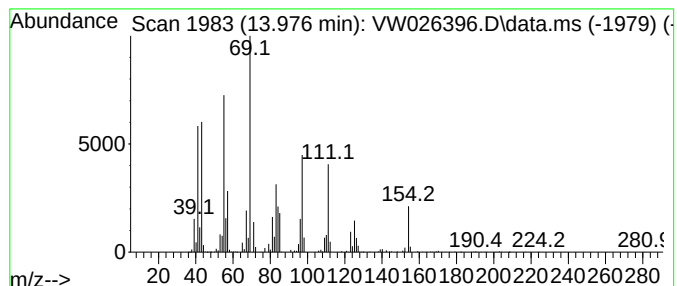
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic13.976 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.976	15.97 ug/L	729699	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-		140	C10H20	053366-38-4	46
2	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	46
3	Cyclohexane, 1,2,4,5-tetraethyl-...		196	C14H28	061142-24-3	38
4	2,3,4-Trimethyl-hex-3-enal		140	C9H16O	1000193-72-9	38
5	Cyclooctane, (1-methylpropyl)-		168	C12H24	016538-89-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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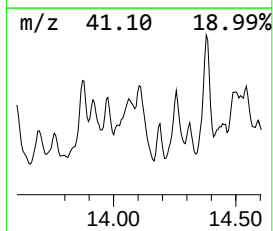
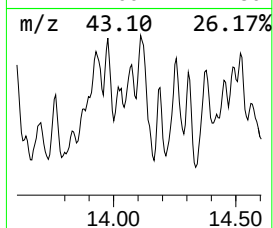
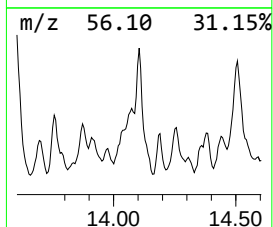
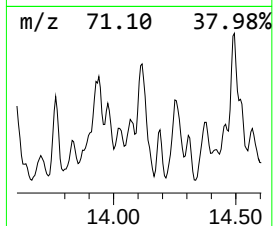
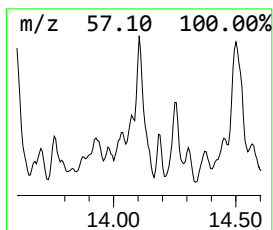
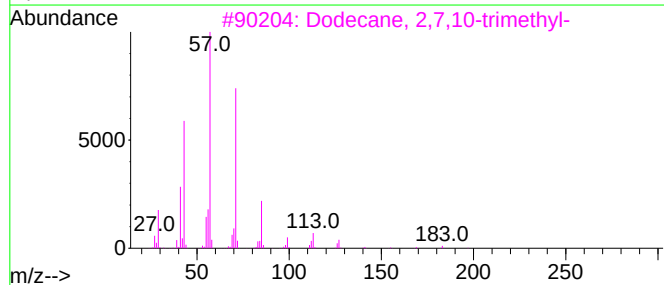
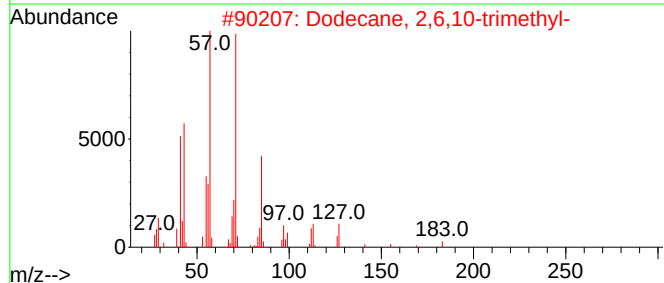
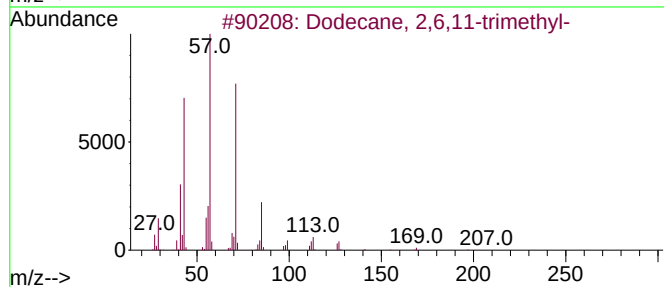
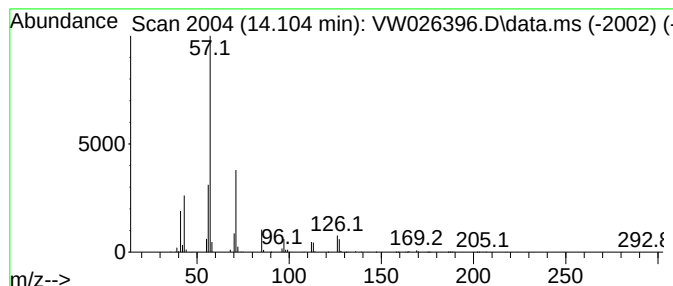
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	43.24 ug/L	1976310	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
5		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

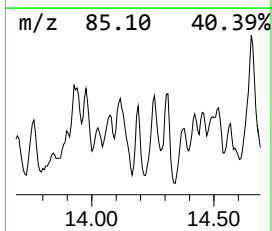
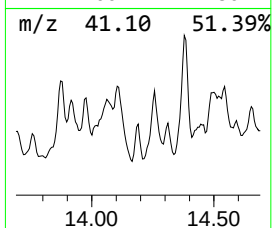
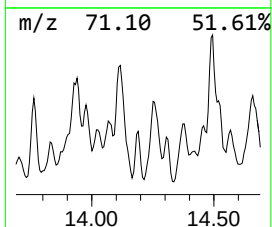
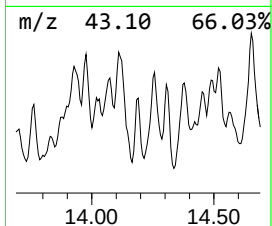
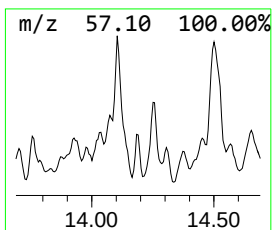
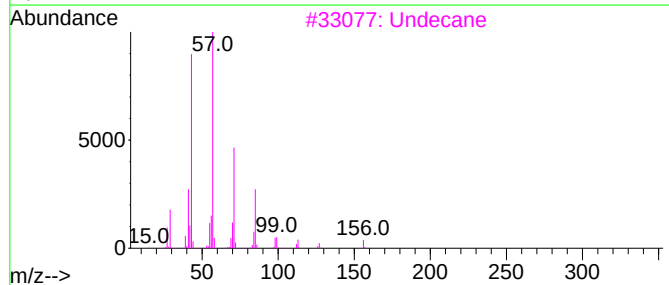
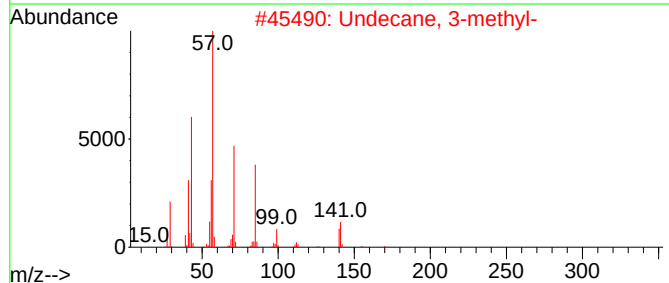
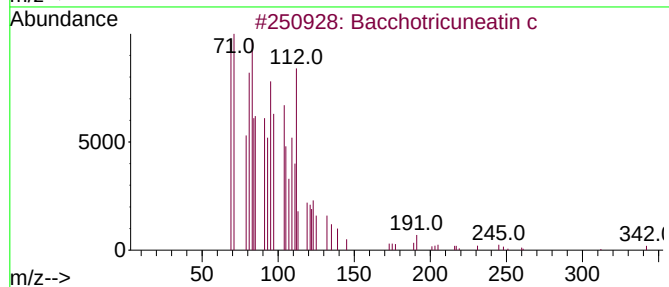
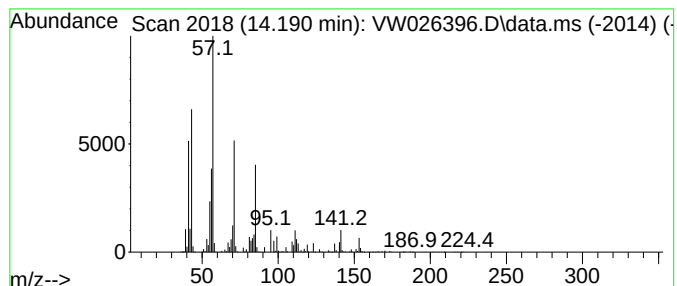
Instrument :
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ClientSampleId :
A4647

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Bacchotricuneatin c Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	14.73 ug/L	673251	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c		342	C20H22O5	066563-30-2	72
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	72
3	Undecane		156	C11H24	001120-21-4	53
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	52
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

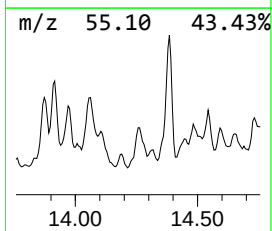
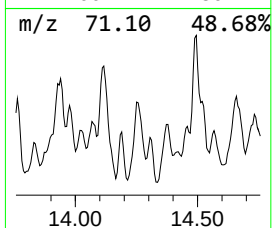
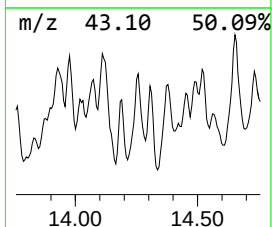
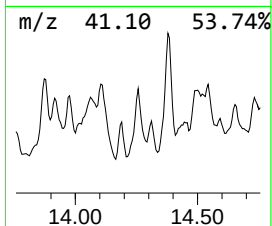
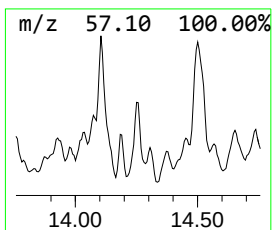
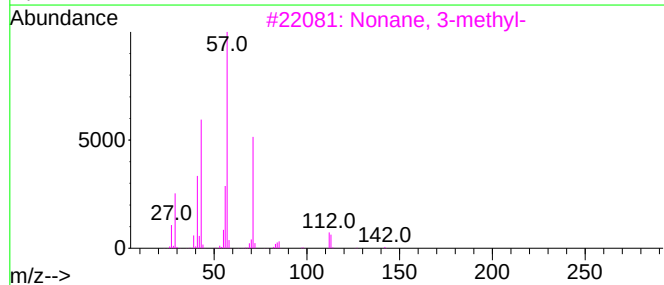
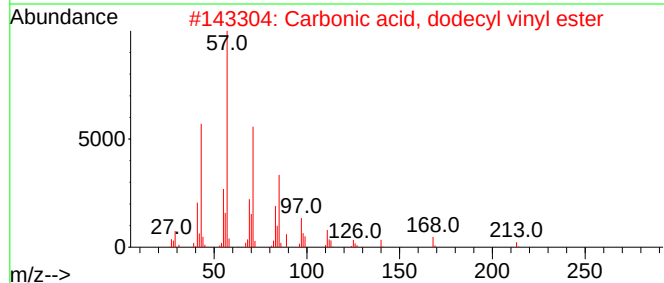
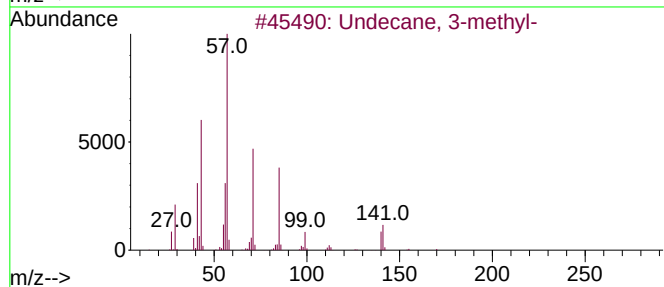
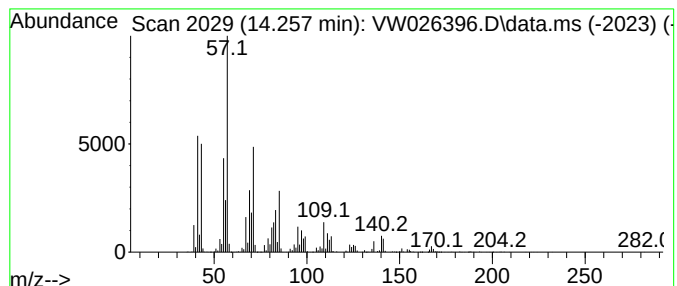
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	38.80 ug/L	1773410	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	62
2			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	59
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	45
4			Hexadecane	226	C16H34	000544-76-3	43
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

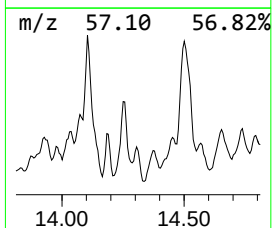
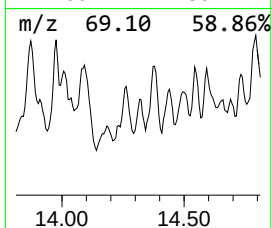
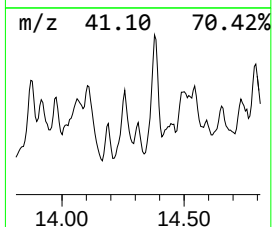
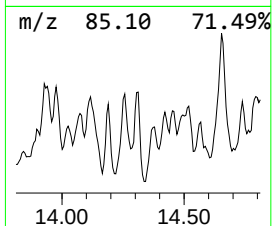
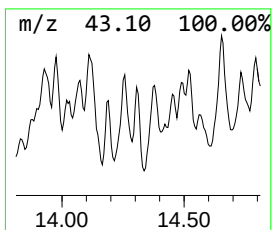
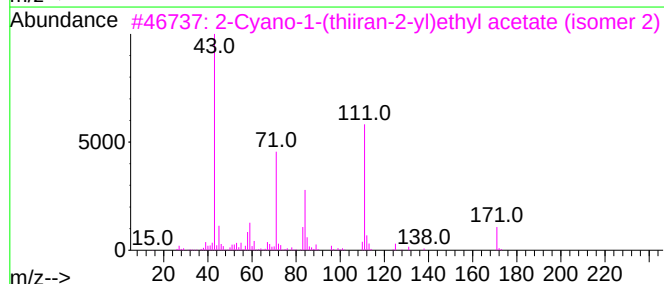
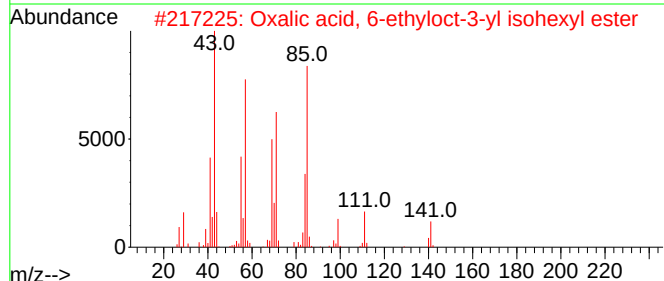
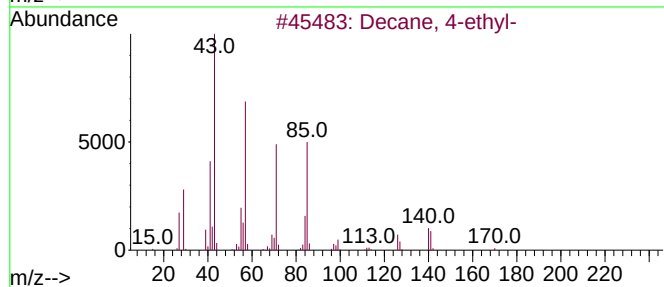
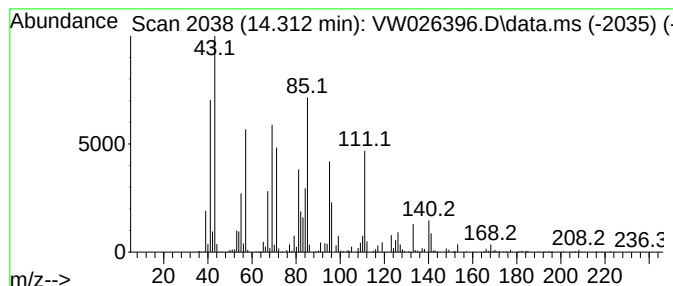
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MSVOA_W
ClientSampleId :
A4647

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.312	11.93 ug/L	545361	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-		170	C12H26	001636-44-8	42
2	Oxalic acid, 6-ethyloct-3-yl iso...		314	C18H34O4	1000309-34-3	35
3	2-Cyano-1-(thiiran-2-yl)ethyl ac...		171	C7H9NO2S	1000477-78-4	27
4	Oxalic acid, decyl isohexyl ester		314	C18H34O4	1000309-33-3	14
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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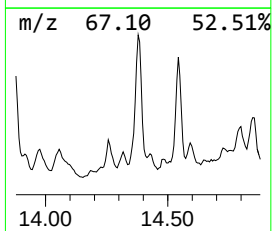
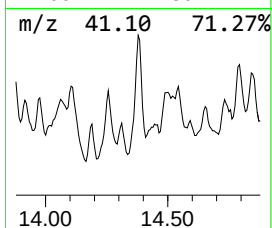
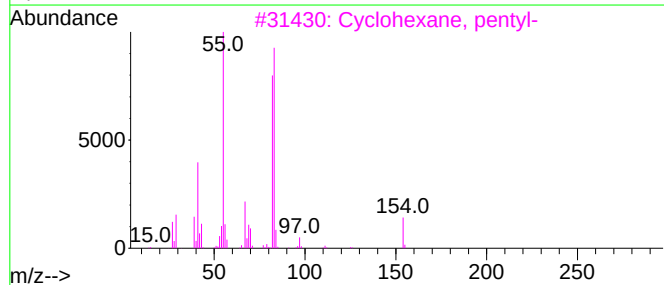
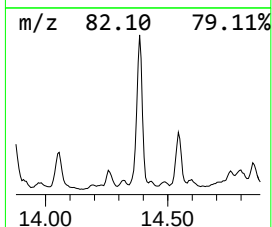
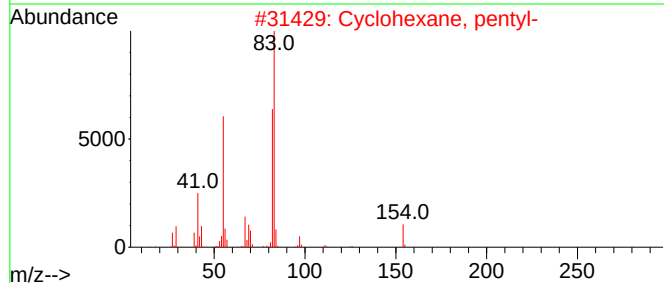
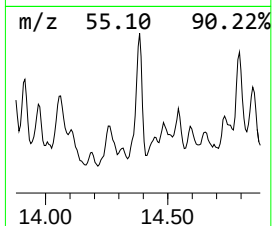
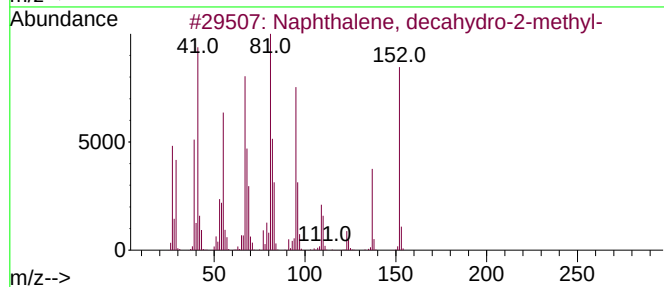
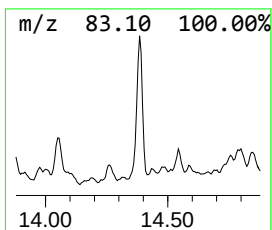
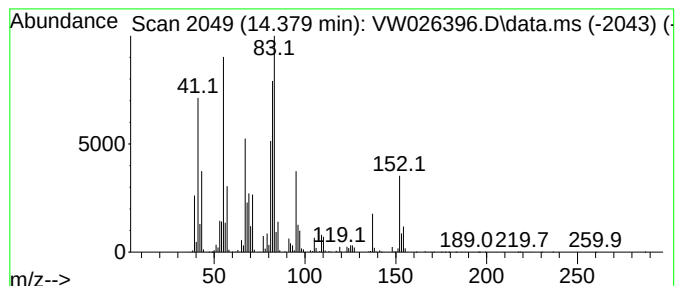
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	73.15 ug/L	3343030	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

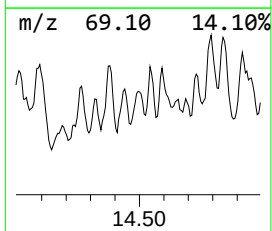
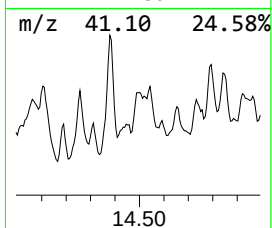
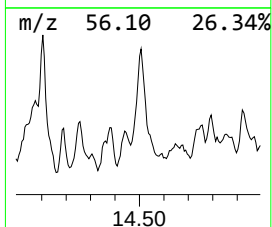
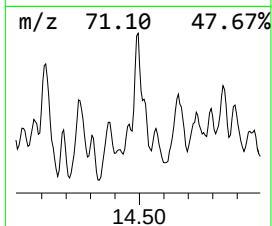
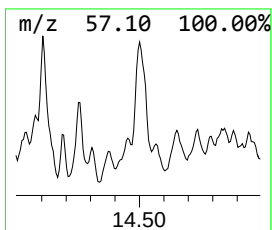
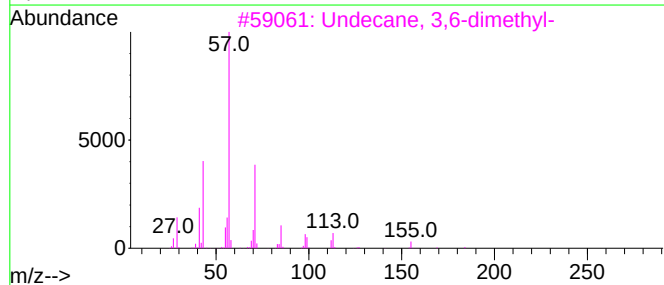
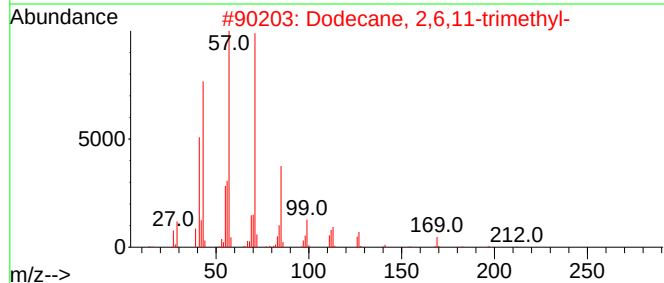
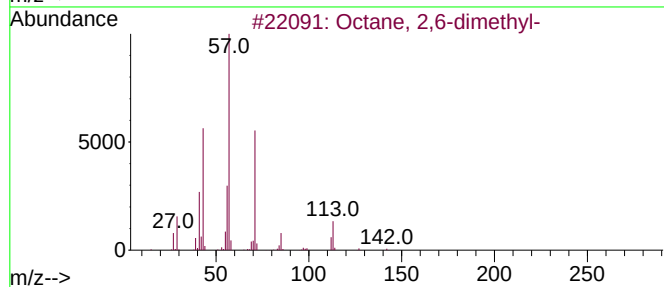
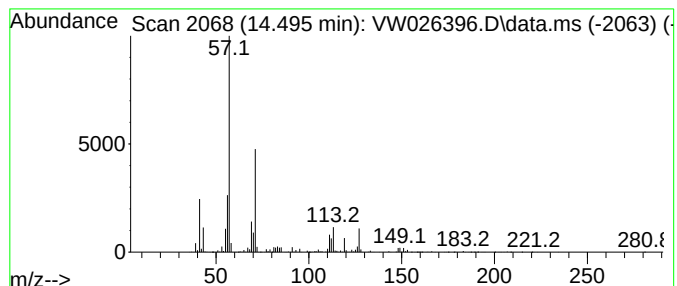
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	35.73 ug/L	1632780	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	59	
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	59	
3	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	53	
4	Tridecane, 7-methyl-		198	C14H30	026730-14-3	50	
5	Sulfurous acid, 2-ethylhexyl hex...		418	C24H50O3S	1000309-19-9	50	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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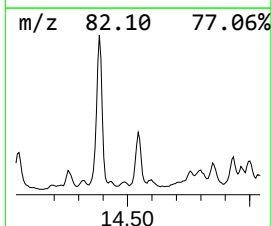
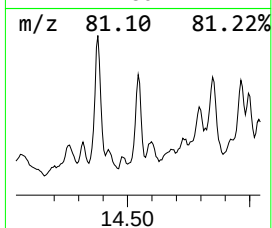
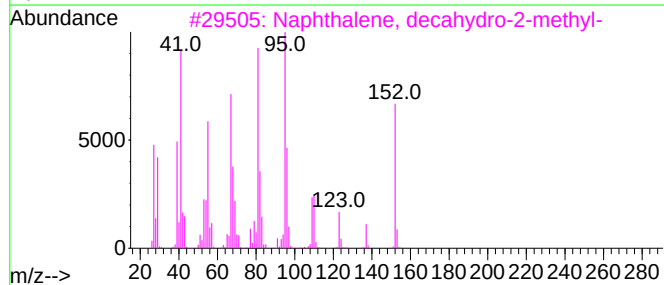
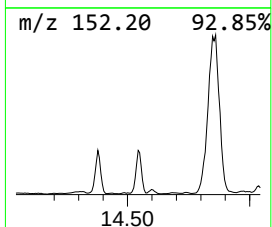
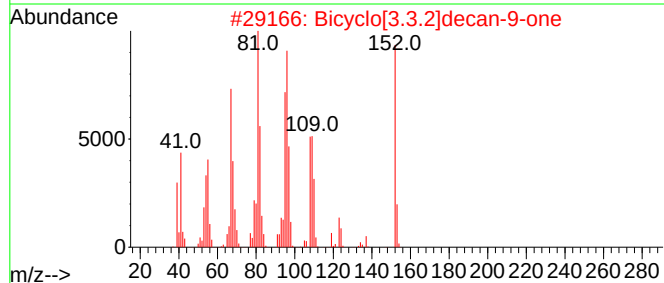
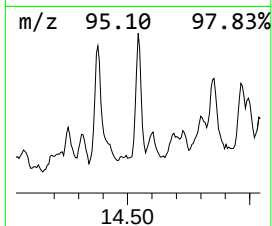
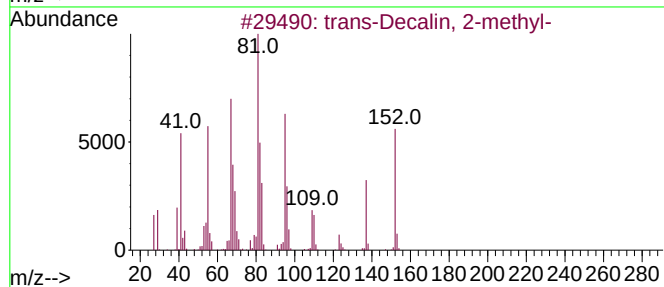
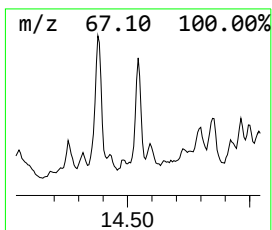
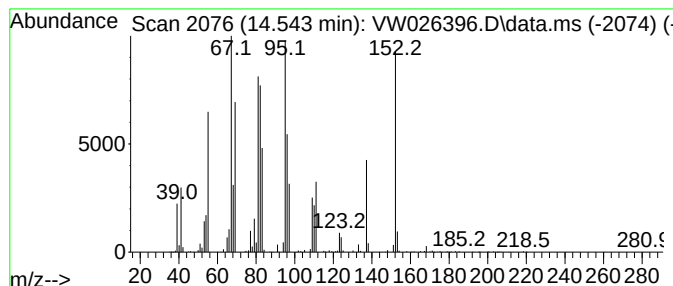
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 trans-Decalin, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	20.48 ug/L	935990	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	68
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

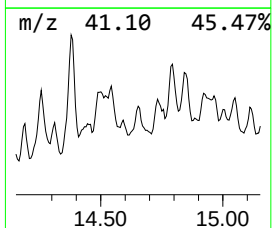
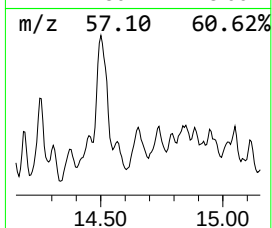
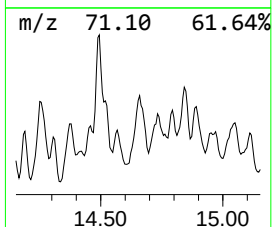
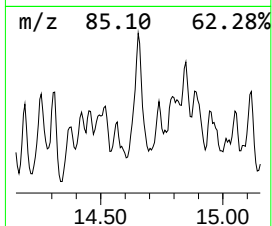
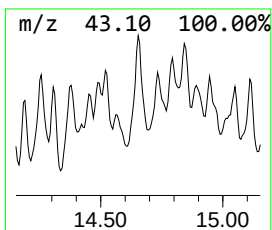
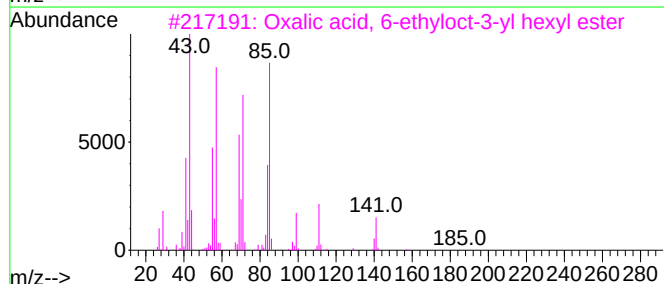
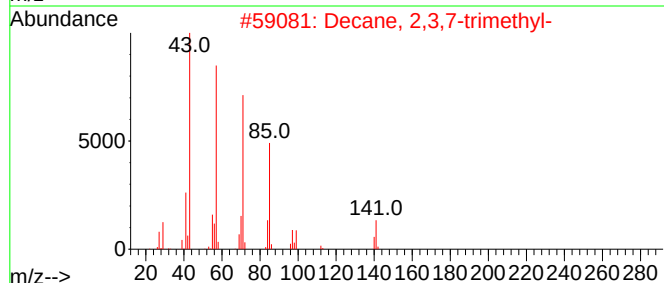
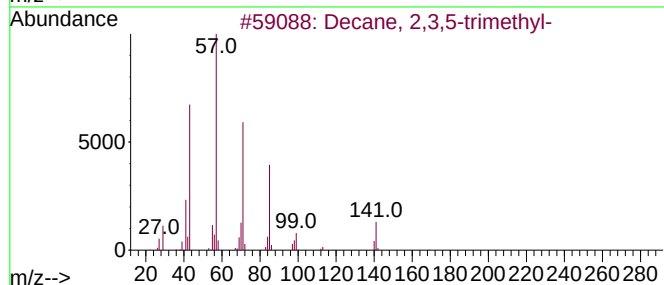
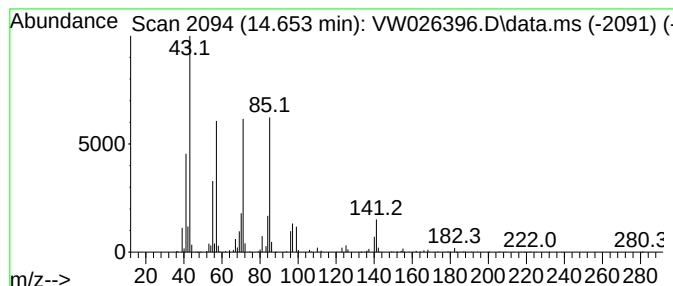
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.653	13.45 ug/L	614898	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
2	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	78
3	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	72
4	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	72
5	Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

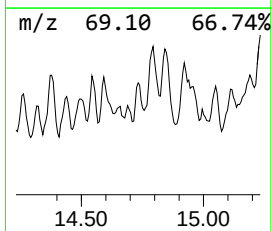
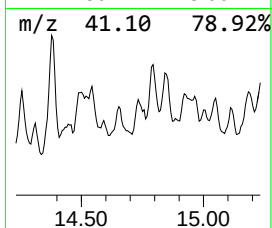
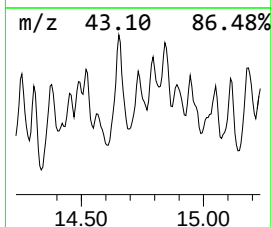
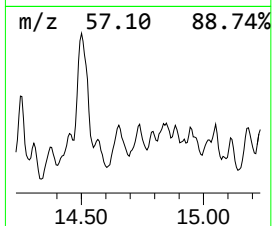
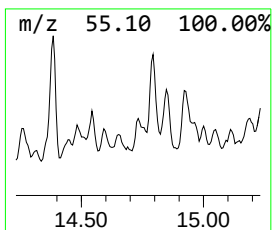
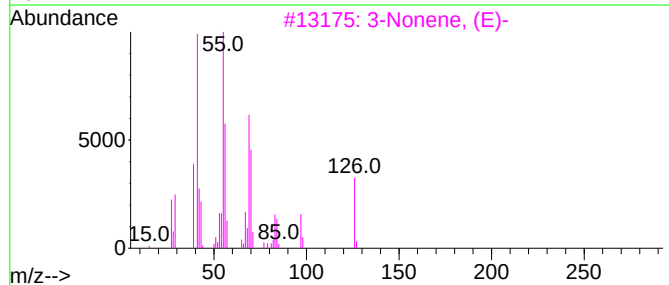
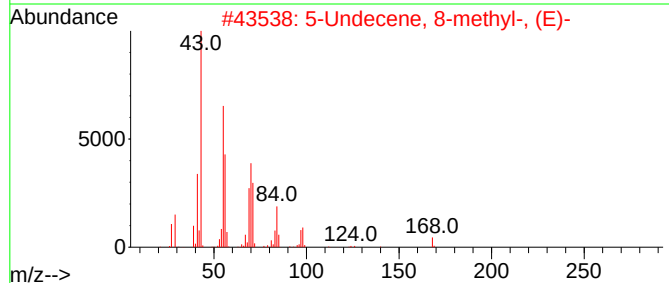
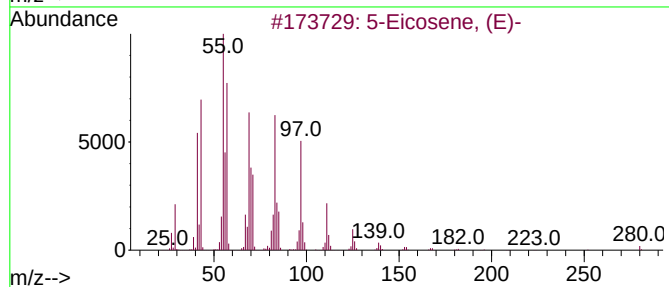
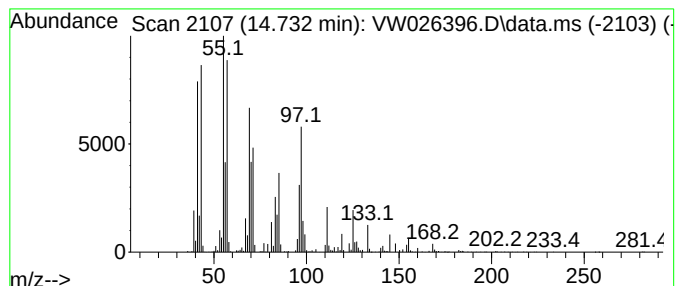
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.732	23.18 ug/L	1059140	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	58
2	5-Undecene, 8-methyl-, (E)-	168	C12H24	039546-85-5	38
3	3-Nonene, (E)-	126	C9H18	020063-92-7	38
4	2-Dodecene, (E)-	168	C12H24	007206-13-5	30
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

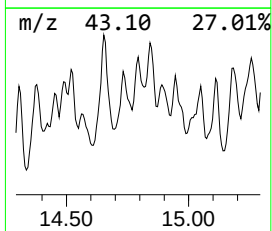
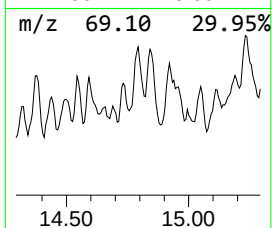
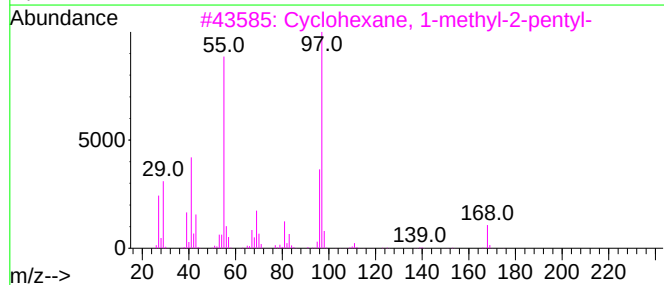
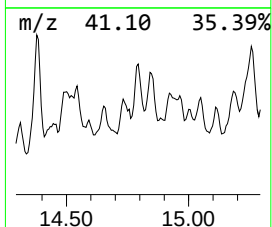
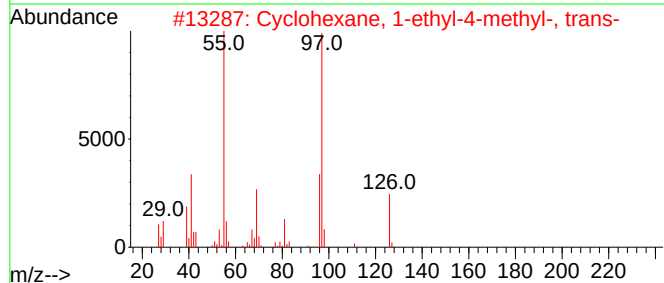
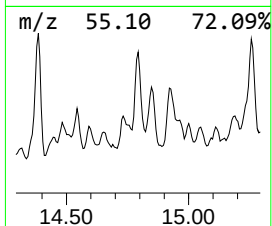
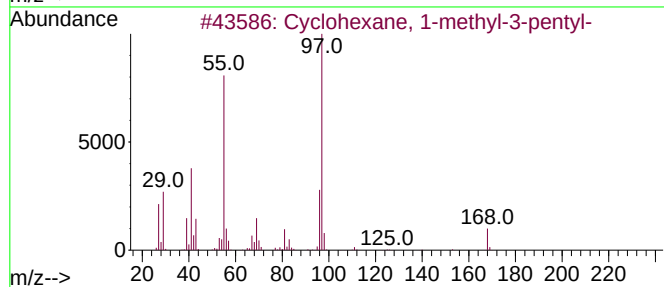
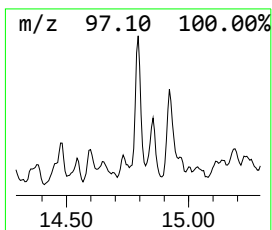
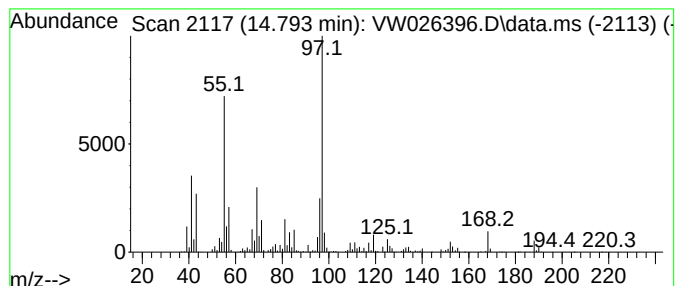
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Cyclic14.793 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	38.71 ug/L	1768960	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	76
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	68
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	68
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

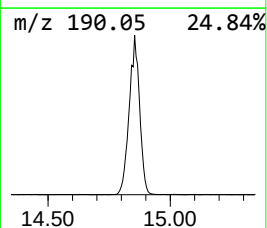
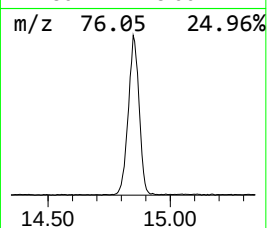
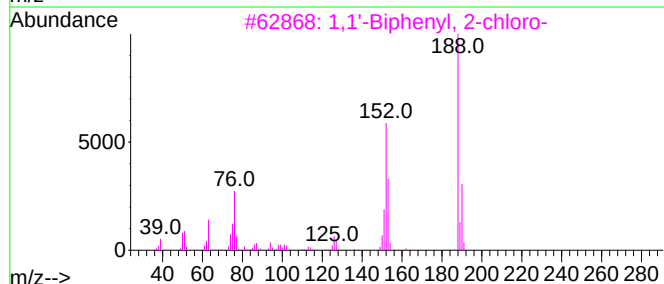
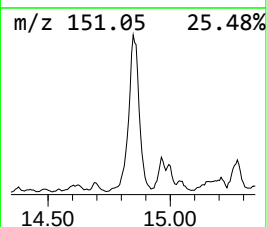
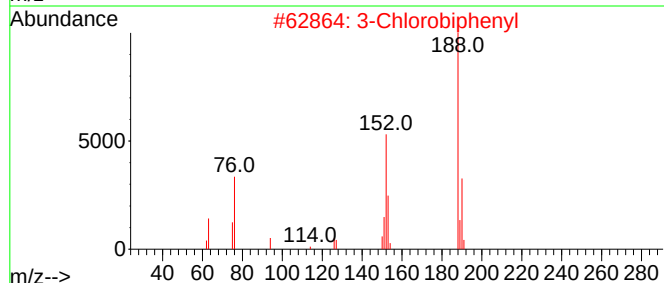
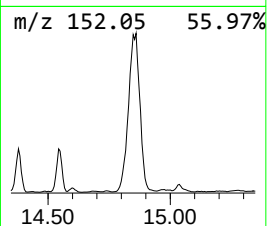
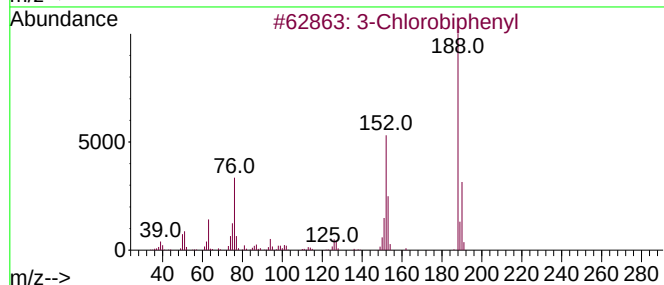
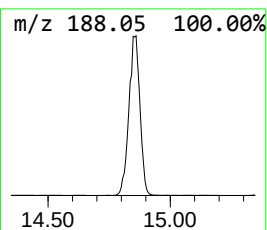
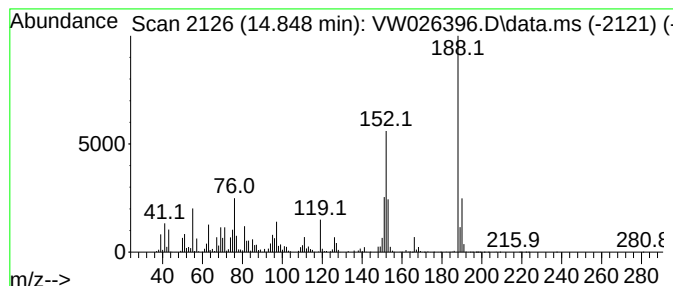
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 3-Chlorobiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	134.70 ug/L	6155820	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
2		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
3		1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	98
4		1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
5		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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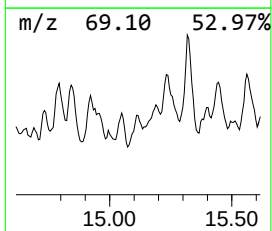
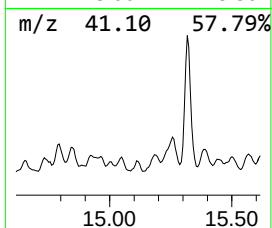
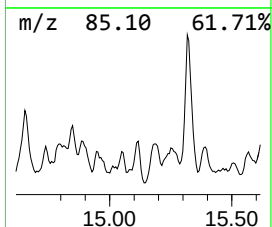
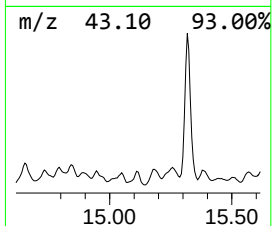
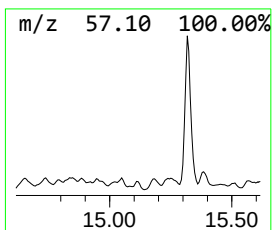
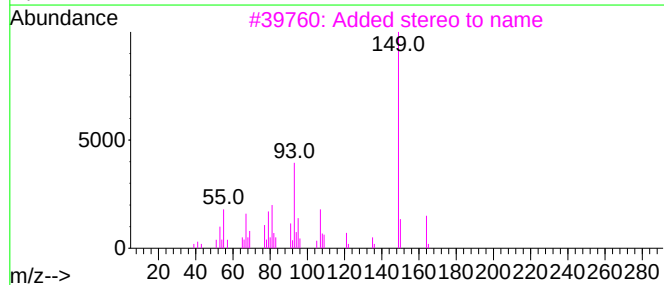
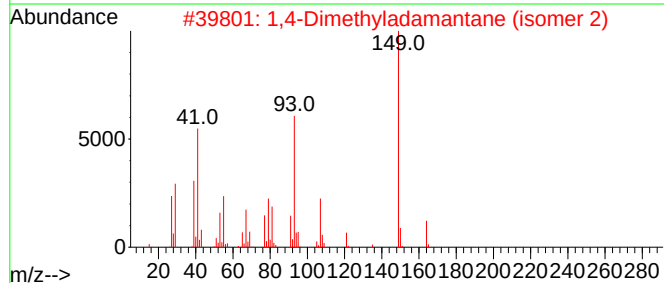
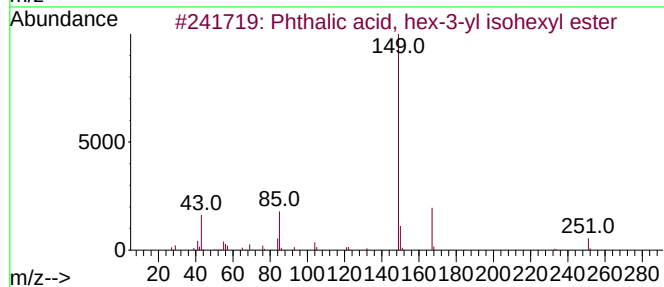
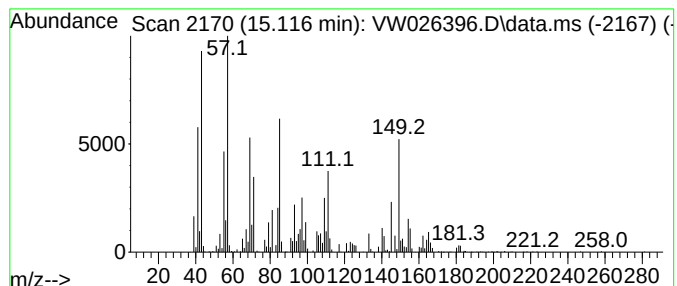
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	10.26 ug/L	469043	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	35
2			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	25
3			Added stereo to name	164	C12H20	024145-88-8	25
4			Added stereo to name	164	C12H20	024145-89-9	25
5			Phthalic acid, isohexyl 2-tert-b...	396	C25H32O4	1000357-09-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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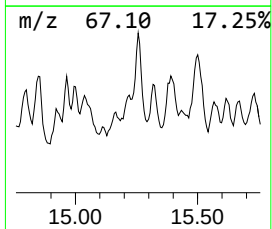
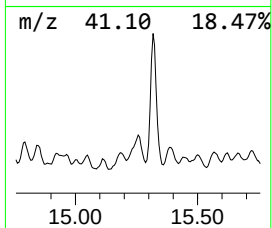
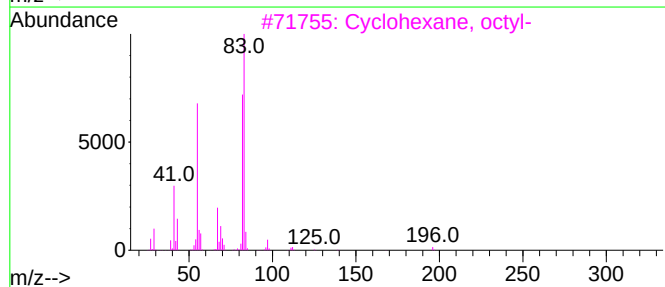
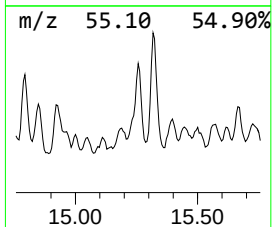
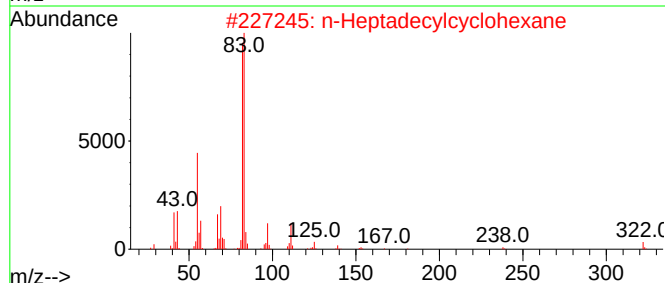
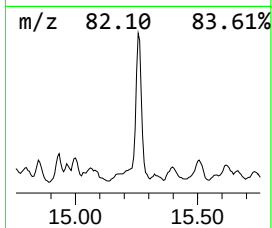
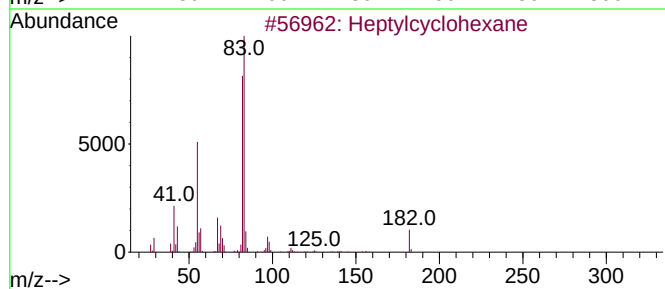
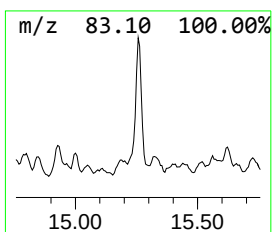
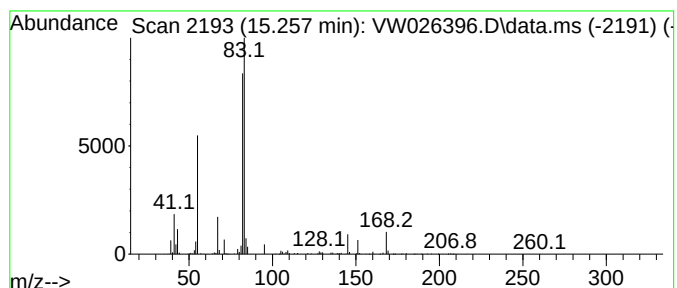
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Cyclic15.257 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	32.19 ug/L	1471100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	72
2			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	72
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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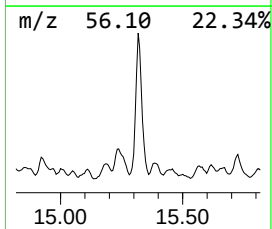
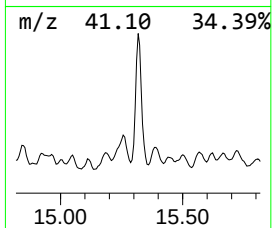
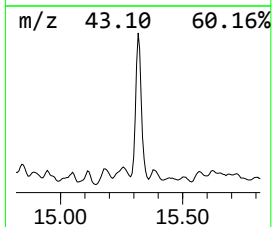
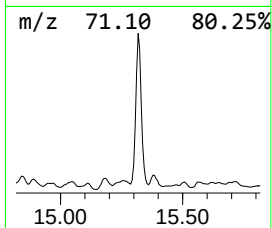
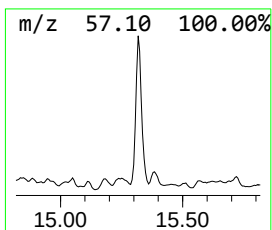
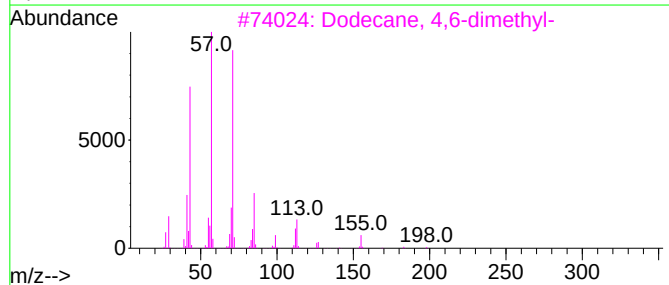
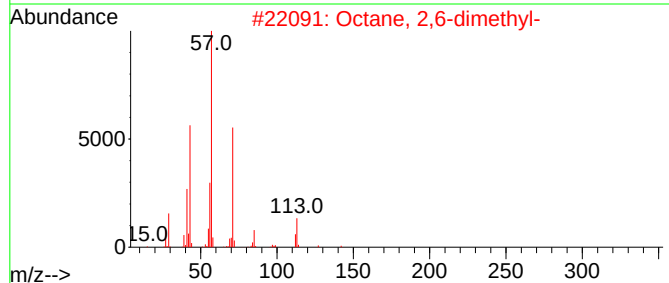
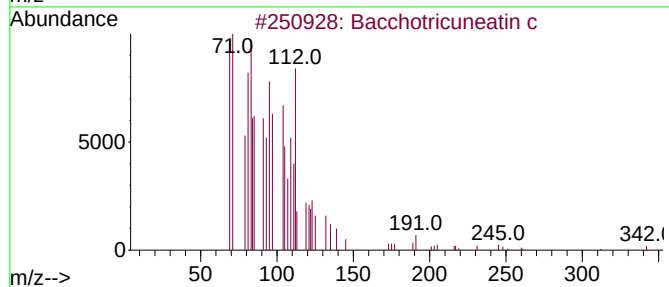
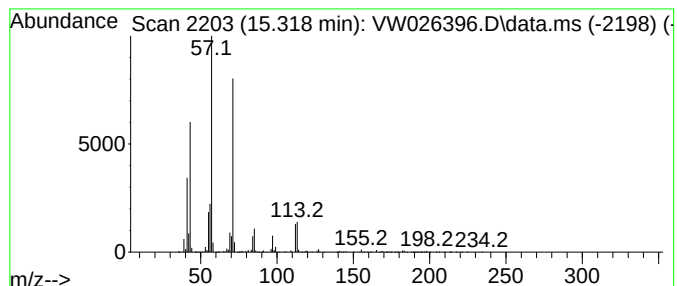
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Octane, 2-bromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	168.01 ug/L	7678290	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

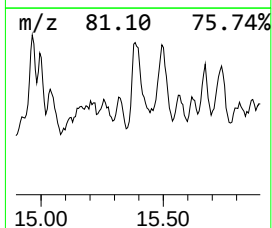
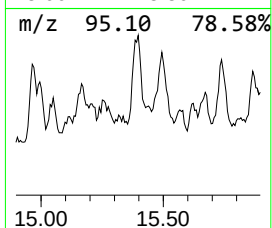
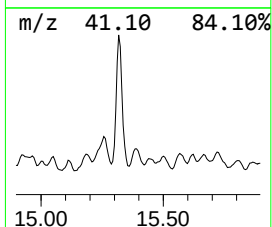
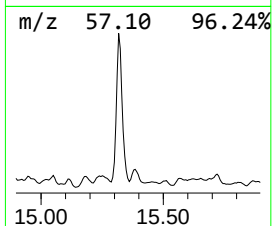
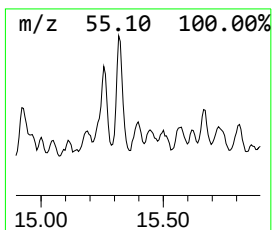
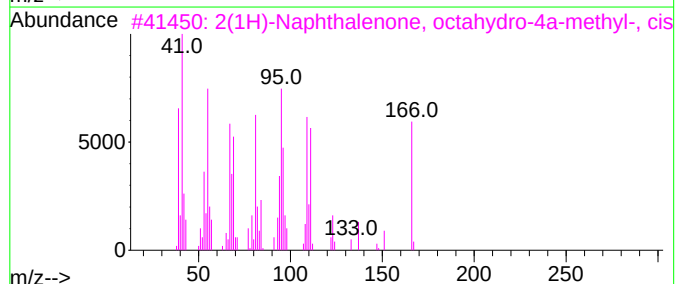
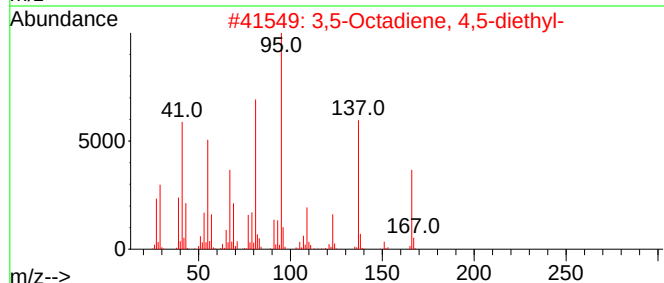
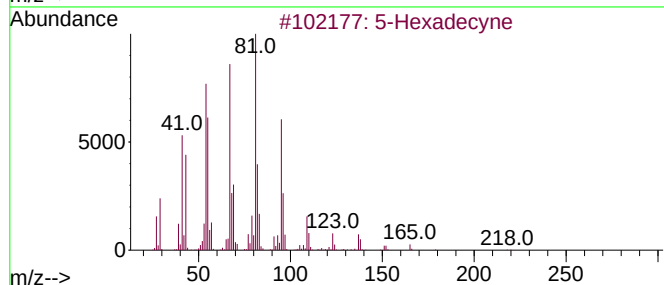
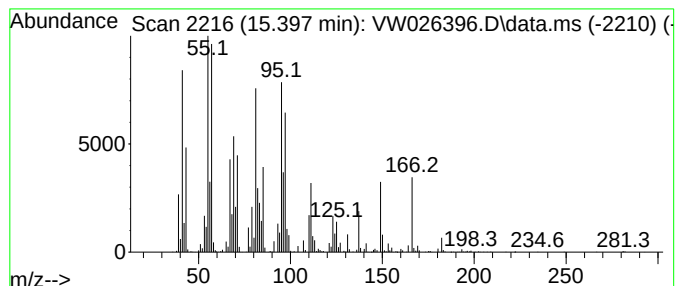
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 5-Hexadecyne Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	34.22 ug/L	1564110	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Hexadecyne	222	C16H30	071899-37-1	55
2			3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	46
3			2(1H)-Naphthalenone, octahydro-4...	166	C11H18O	000938-06-7	38
4			17-Pentatriacontene	491	C35H70	006971-40-0	30
5			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

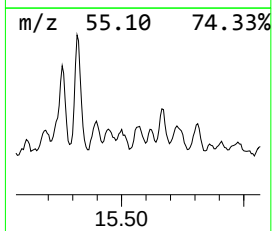
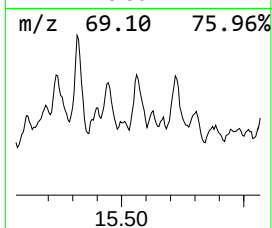
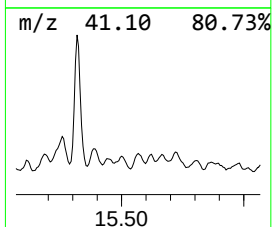
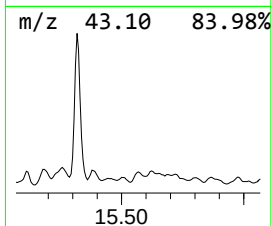
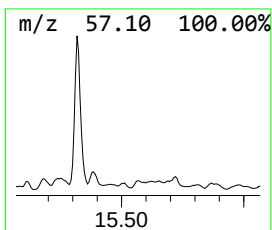
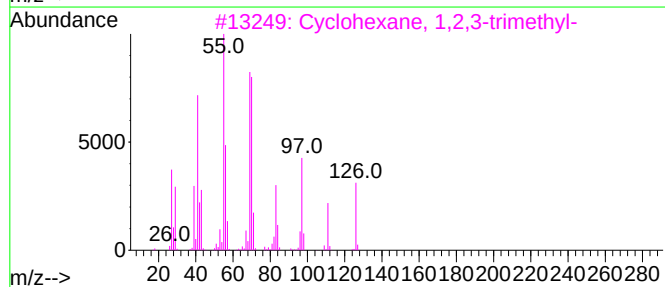
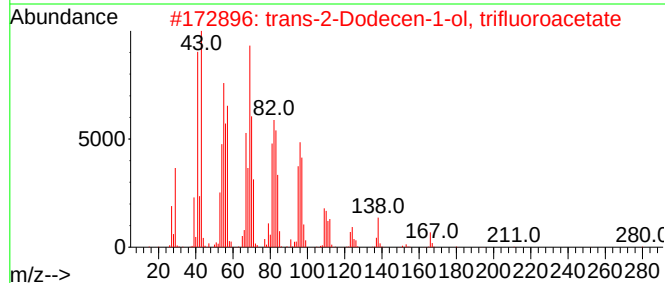
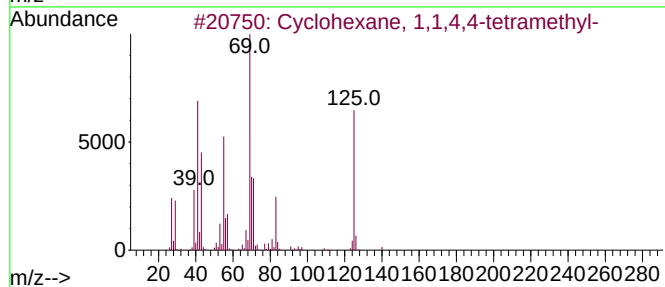
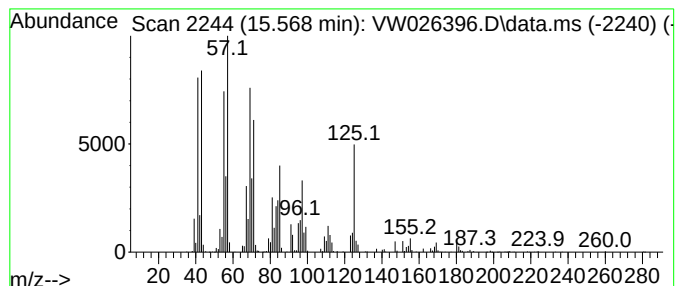
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Cyclic15.568 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	22.18 ug/L	1013490	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
2			trans-2-Dodecen-1-ol, trifluoroa...	280	C14H23F3O2	1000352-26-2	41
3			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	38
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

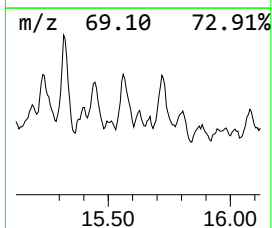
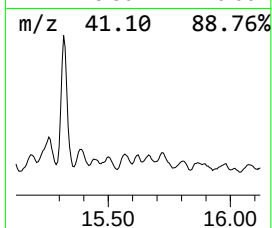
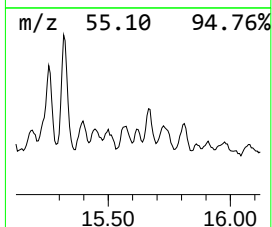
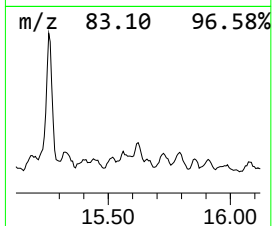
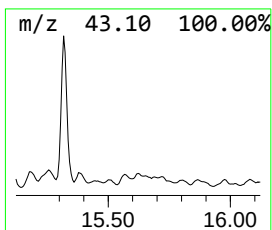
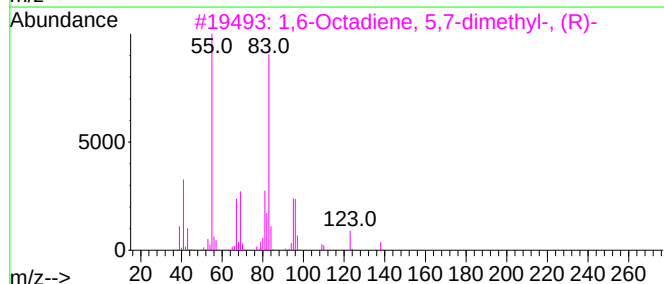
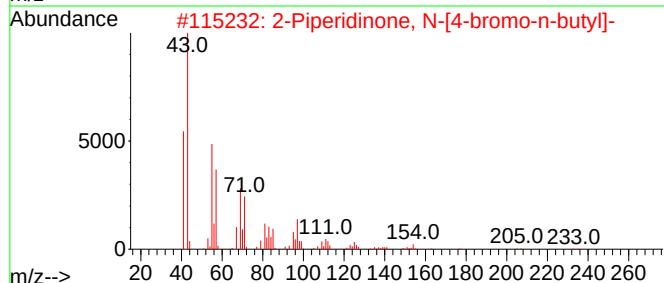
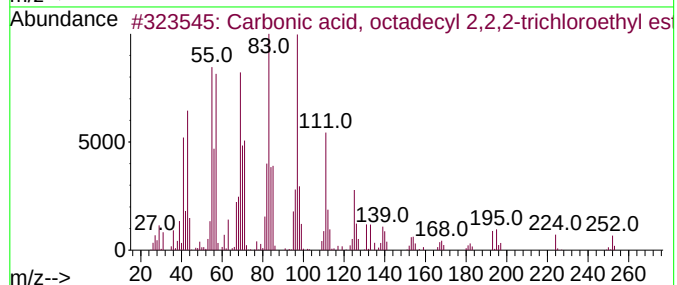
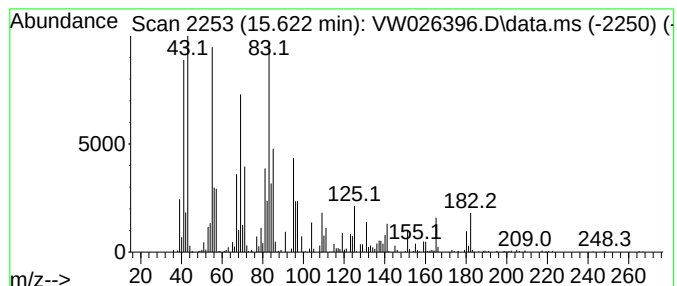
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	9.05 ug/L	413740	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	43
2			2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	38
3			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	38
4			2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	38
5			2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4647

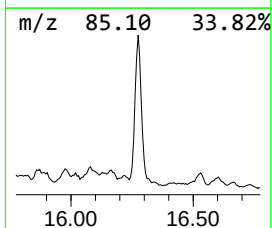
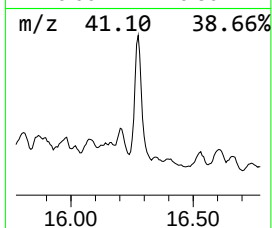
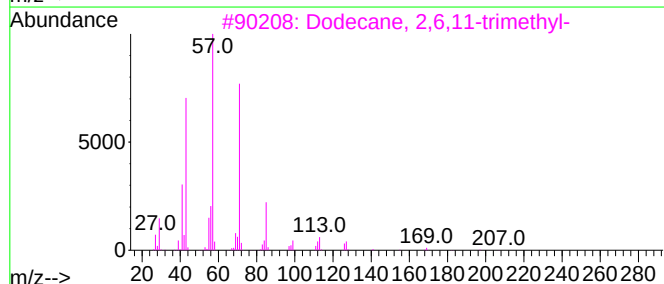
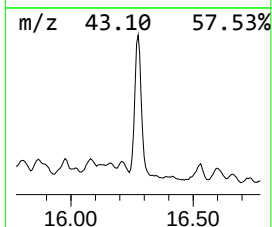
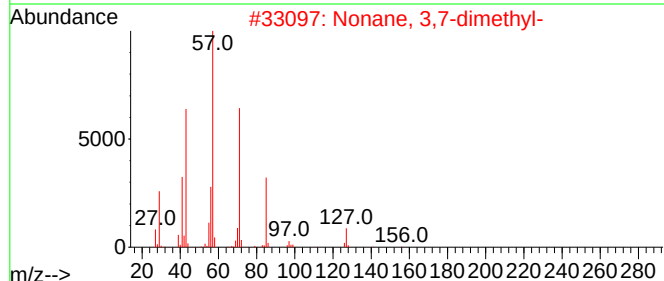
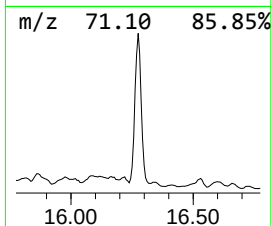
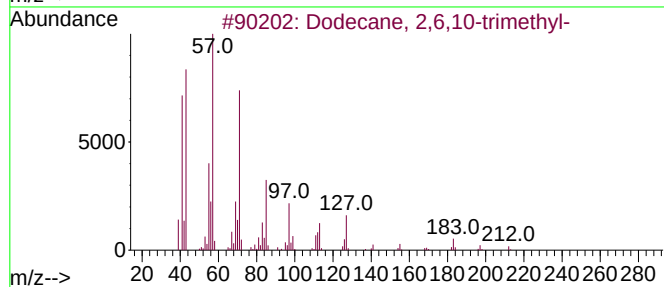
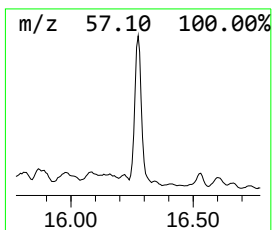
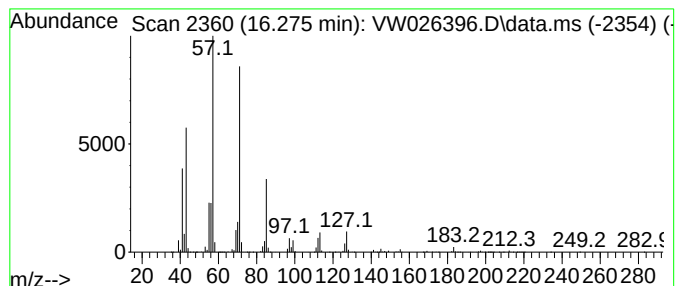
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	101.44 ug/L	4636030	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026396.D
 Acq On : 28 Jun 2023 14:21
 Operator : SY/MD
 Sample : 03420-08
 Misc : 4.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4647

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.954	2.2	ug/L	187541	1	8.843	2115250	25.0
(DEL) Alkane: S...	11.032	1.7	ug/L	140314	2	11.629	2022320	25.0
(DEL) Alkane: C...	11.227	2.5	ug/L	199084	2	11.629	2022320	25.0
(DEL) Alkane: S...	11.337	2.5	ug/L	205984	2	11.629	2022320	25.0
(DEL) Alkane: C...	11.434	2.0	ug/L	161476	2	11.629	2022320	25.0
(DEL) Alkane: S...	11.507	2.5	ug/L	198309	2	11.629	2022320	25.0
(DEL) Alkane: S...	11.812	1.3	ug/L	101689	2	11.629	2022320	25.0
(DEL) Alkane: C...	11.873	3.5	ug/L	281950	2	11.629	2022320	25.0
(DEL) Alkane: S...	12.062	1.8	ug/L	148519	2	11.629	2022320	25.0
(DEL) Alkane: C...	12.135	6.9	ug/L	559762	2	11.629	2022320	25.0
(DEL) Alkane: S...	12.251	8.6	ug/L	693897	2	11.629	2022320	25.0
(DEL) Alkane: S...	12.361	18.9	ug/L	1530140	2	11.629	2022320	25.0
(DEL) Alkane: S...	12.495	7.2	ug/L	583456	2	11.629	2022320	25.0
(DEL) Alkane: S...	12.586	6.0	ug/L	487016	2	11.629	2022320	25.0
1-Nonanol	12.775	19.4	ug/L	884454	3	13.556	1142540	25.0
(DEL) Alkane: C...	12.855	10.5	ug/L	481798	3	13.556	1142540	25.0
(DEL) Alkane: C...	12.940	27.1	ug/L	1237050	3	13.556	1142540	25.0
(DEL) Alkane: S...	13.074	8.3	ug/L	377022	3	13.556	1142540	25.0
(DEL) Alkane: C...	13.123	9.0	ug/L	412903	3	13.556	1142540	25.0
(DEL) Alkane: S...	13.184	13.0	ug/L	593415	3	13.556	1142540	25.0
(DEL) Alkane: S...	13.287	22.3	ug/L	1018240	3	13.556	1142540	25.0
(DEL) Alkane: S...	13.342	12.2	ug/L	556983	3	13.556	1142540	25.0
unknown-01	13.373	2.2	ug/L	100939	3	13.556	1142540	25.0
(DEL) Alkane: S...	13.409	9.8	ug/L	447812	3	13.556	1142540	25.0
(DEL) Alkane: C...	13.446	17.0	ug/L	775852	3	13.556	1142540	25.0
(DEL) Alkane: C...	13.696	19.3	ug/L	879777	3	13.556	1142540	25.0
1-Hexanol, 5-me...	13.763	10.6	ug/L	482101	3	13.556	1142540	25.0
(DEL) Alkane: C...	13.915	23.7	ug/L	1082000	3	13.556	1142540	25.0
(DEL) Alkane: C...	13.976	16.0	ug/L	729699	3	13.556	1142540	25.0
(DEL) Alkane: S...	14.104	43.2	ug/L	1976310	3	13.556	1142540	25.0
Bacchotricuneat...	14.190	14.7	ug/L	673251	3	13.556	1142540	25.0
(DEL) Alkane: S...	14.257	38.8	ug/L	1773410	3	13.556	1142540	25.0
(DEL) Alkane: S...	14.312	11.9	ug/L	545361	3	13.556	1142540	25.0
Naphthalene, de...	14.379	73.2	ug/L	3343030	3	13.556	1142540	25.0
(DEL) Alkane: S...	14.495	35.7	ug/L	1632780	3	13.556	1142540	25.0
trans-Decalin, ...	14.543	20.5	ug/L	935990	3	13.556	1142540	25.0
(DEL) Alkane: S...	14.653	13.4	ug/L	614898	3	13.556	1142540	25.0
(DEL) Alkane: S...	14.732	23.2	ug/L	1059140	3	13.556	1142540	25.0
(DEL) Alkane: C...	14.793	38.7	ug/L	1768960	3	13.556	1142540	25.0
3-Chlorobiphenyl	14.848	134.7	ug/L	6155820	3	13.556	1142540	25.0
unknown-02	15.116	10.3	ug/L	469043	3	13.556	1142540	25.0
(DEL) Alkane: C...	15.257	32.2	ug/L	1471100	3	13.556	1142540	25.0
Octane, 2-bromo-	15.318	168.0	ug/L	7678290	3	13.556	1142540	25.0
5-Hexadecyne	15.397	34.2	ug/L	1564110	3	13.556	1142540	25.0
(DEL) Alkane: C...	15.568	22.2	ug/L	1013490	3	13.556	1142540	25.0
unknown-03	15.622	9.1	ug/L	413740	3	13.556	1142540	25.0
(DEL) Alkane: S...	16.275	101.4	ug/L	4636030	3	13.556	1142540	25.0