

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026454.D
 Acq On : 30 Jun 2023 00:03
 Operator : SY/MD
 Sample : 03452-11
 Misc : 4.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N9

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	46	rBV3	6595	11708	0.09%	0.010%
2	2.216	51	54	55	rBV3	3991	4108	0.03%	0.004%
3	2.362	71	78	92	rVB	141626	344684	2.72%	0.295%
4	2.631	119	122	127	rVB7	4214	8198	0.06%	0.007%
5	2.808	148	151	155	rBV4	3494	5626	0.04%	0.005%
6	2.893	158	165	179	rVV	121368	344059	2.72%	0.295%
7	3.021	184	186	188	rBV3	3649	4093	0.03%	0.004%
8	3.387	243	246	250	rVV5	4235	8567	0.07%	0.007%
9	3.527	265	269	270	rBV4	2366	3221	0.03%	0.003%
10	3.679	289	294	296	rBV6	2171	3818	0.03%	0.003%
11	3.832	318	319	322	rVV3	2587	2750	0.02%	0.002%
12	3.862	322	324	326	rVV3	3594	3260	0.03%	0.003%
13	4.021	337	350	360	rVV	249381	784196	6.20%	0.672%
14	4.118	360	366	378	rVV	97162	275694	2.18%	0.236%
15	4.197	378	379	382	rVV3	3447	3746	0.03%	0.003%
16	4.258	386	389	392	rVB5	2656	3384	0.03%	0.003%
17	4.380	402	409	418	rBV3	8633	26955	0.21%	0.023%
18	4.661	450	455	456	rBV6	2045	2855	0.02%	0.002%
19	4.917	487	497	510	rBV7	16485	79024	0.62%	0.068%
20	5.386	568	574	575	rBV5	2482	3294	0.03%	0.003%
21	5.435	575	582	583	rBV6	5500	10347	0.08%	0.009%
22	5.722	627	629	633	rBV5	1943	3115	0.02%	0.003%
23	5.789	633	640	642	rBV8	4087	9229	0.07%	0.008%
24	5.874	651	654	656	rBV4	1995	2939	0.02%	0.003%
25	5.947	658	666	674	rVV4	8459	24638	0.19%	0.021%
26	6.526	759	761	766	rBV6	2290	2863	0.02%	0.002%
27	6.874	810	818	824	rBV6	5424	16262	0.13%	0.014%
28	6.984	830	836	842	rVB8	5687	16465	0.13%	0.014%
29	7.075	844	851	860	rBV	84728	241584	1.91%	0.207%
30	7.173	861	867	877	rVB	38766	111649	0.88%	0.096%
31	7.520	922	924	927	rBV4	1858	2516	0.02%	0.002%
32	7.648	935	945	959	rVV	416802	1023006	8.08%	0.877%
33	7.922	984	990	1002	rBV4	16065	56518	0.45%	0.048%
34	8.032	1002	1008	1016	rVB3	17979	44063	0.35%	0.038%
35	8.154	1021	1028	1034	rBV2	34283	78017	0.62%	0.067%
36	8.276	1038	1048	1062	rBV2	841007	2463051	19.46%	2.111%

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Filtering: 5

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Stop Thrs : 0

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	8.428	1066	1073	1078	rBV5	15549	40017	0.32%	0.034%
38	8.575	1092	1097	1105	rVB3	17057	35945	0.28%	0.031%
39	8.843	1132	1141	1152	rBV	847293	1711350	13.52%	1.467%
40	9.069	1176	1178	1184	rVV7	6434	8601	0.07%	0.007%
41	9.142	1187	1190	1197	rVB6	7027	13810	0.11%	0.012%
42	9.276	1203	1212	1218	rBV	590636	1235930	9.76%	1.059%
43	9.331	1218	1221	1227	rVB3	71692	133949	1.06%	0.115%
44	9.751	1284	1290	1297	rBV2	30891	70204	0.55%	0.060%
45	9.898	1310	1314	1318	rBV3	23041	37529	0.30%	0.032%
46	9.959	1318	1324	1326	rBV4	33673	70825	0.56%	0.061%
47	10.032	1331	1336	1342	rVV	312173	553098	4.37%	0.474%
48	10.093	1343	1346	1350	rVB3	26363	45148	0.36%	0.039%
49	10.324	1377	1384	1393	rBV	1426094	2581193	20.39%	2.212%
50	10.489	1408	1411	1412	rBV3	21935	26983	0.21%	0.023%
51	10.574	1420	1425	1431	rBV	191615	332252	2.62%	0.285%
52	10.666	1436	1440	1444	rVV3	29885	53845	0.43%	0.046%
53	10.922	1477	1482	1490	rBV2	427716	798398	6.31%	0.684%
54	11.038	1497	1501	1510	rVB	71184	133301	1.05%	0.114%
55	11.227	1528	1532	1537	rBV	115025	187355	1.48%	0.161%
56	11.336	1546	1550	1555	rBV2	103754	202474	1.60%	0.174%
57	11.507	1574	1578	1582	rVB	105590	160132	1.27%	0.137%
58	11.629	1592	1598	1606	rBV	1213522	2024004	15.99%	1.734%
59	11.812	1624	1628	1633	rBV4	59323	111332	0.88%	0.095%
60	11.873	1633	1638	1642	rBV2	180442	329099	2.60%	0.282%
61	12.062	1665	1669	1674	rVB2	99484	162015	1.28%	0.139%
62	12.135	1676	1681	1687	rBV2	284086	606383	4.79%	0.520%
63	12.251	1695	1700	1704	rVB	651368	986919	7.80%	0.846%
64	12.361	1705	1718	1725	rBV3	603745	1959322	15.48%	1.679%
65	12.592	1753	1756	1758	rBV2	125699	180686	1.43%	0.155%
66	12.690	1767	1772	1777	rBV2	587792	1106381	8.74%	0.948%
67	12.775	1783	1786	1792	rVB3	508078	870433	6.88%	0.746%
68	12.854	1794	1799	1804	rBV5	329806	745939	5.89%	0.639%
69	12.934	1805	1812	1818	rVV5	895710	2764513	21.84%	2.369%
70	12.989	1818	1821	1826	rVB4	512116	865911	6.84%	0.742%
71	13.074	1831	1835	1839	rBV	597912	838635	6.63%	0.719%
72	13.123	1839	1843	1846	rBV3	400971	699759	5.53%	0.600%
73	13.165	1847	1850	1856	rVV4	335548	746214	5.90%	0.639%
74	13.287	1863	1870	1875	rBV	1101862	2049124	16.19%	1.756%
75	13.342	1875	1879	1883	rVV	1166138	1907674	15.07%	1.635%
76	13.446	1887	1896	1899	rVV5	1787213	4122893	32.57%	3.533%

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77	13.482	1899	1902	1907	rVV3	882197	1560997	12.33%	1.338%
78	13.556	1911	1914	1917	rVV	777075	1284980	10.15%	1.101%
79	13.592	1917	1920	1926	rVB3	721501	1298353	10.26%	1.113%
80	13.696	1931	1937	1941	rBV4	1088112	2375970	18.77%	2.036%
81	13.873	1958	1966	1970	rBV6	2616686	5942278	46.95%	5.092%
82	13.915	1970	1973	1979	rVV2	1352886	2307016	18.23%	1.977%
83	13.976	1979	1983	1987	rVV3	1208429	1863253	14.72%	1.597%
84	14.190	2014	2018	2022	rBV2	939245	1431655	11.31%	1.227%
85	14.257	2025	2029	2035	rVV4	1673004	2834480	22.39%	2.429%
86	14.312	2035	2038	2042	rVB4	853939	1166715	9.22%	1.000%
87	14.385	2042	2050	2054	rBV2	3996403	7545582	59.61%	6.466%
88	14.543	2073	2076	2081	rVB3	1787275	2554202	20.18%	2.189%
89	14.653	2091	2094	2099	rVB	900863	1176933	9.30%	1.009%
90	14.732	2104	2107	2113	rBV4	1028385	2070173	16.35%	1.774%
91	14.793	2113	2117	2121	rVV3	2038224	3538195	27.95%	3.032%
92	14.848	2122	2126	2135	rVB2	2832838	5936980	46.90%	5.088%
93	14.927	2136	2139	2143	rBV3	535614	975075	7.70%	0.836%
94	15.116	2167	2170	2174	rVB3	832907	1083490	8.56%	0.928%
95	15.256	2187	2193	2198	rVB2	1894678	4591543	36.27%	3.935%
96	15.317	2198	2203	2210	rVB	7634415	12657887	100.00%	10.847%
97	15.391	2210	2215	2220	rBV4	1147792	2594221	20.49%	2.223%
98	15.567	2240	2244	2249	rBV5	984493	2033703	16.07%	1.743%
99	15.726	2266	2270	2277	rVB6	1375463	2829976	22.36%	2.425%
100	16.275	2355	2360	2369	rVB	3974198	7501748	59.27%	6.429%

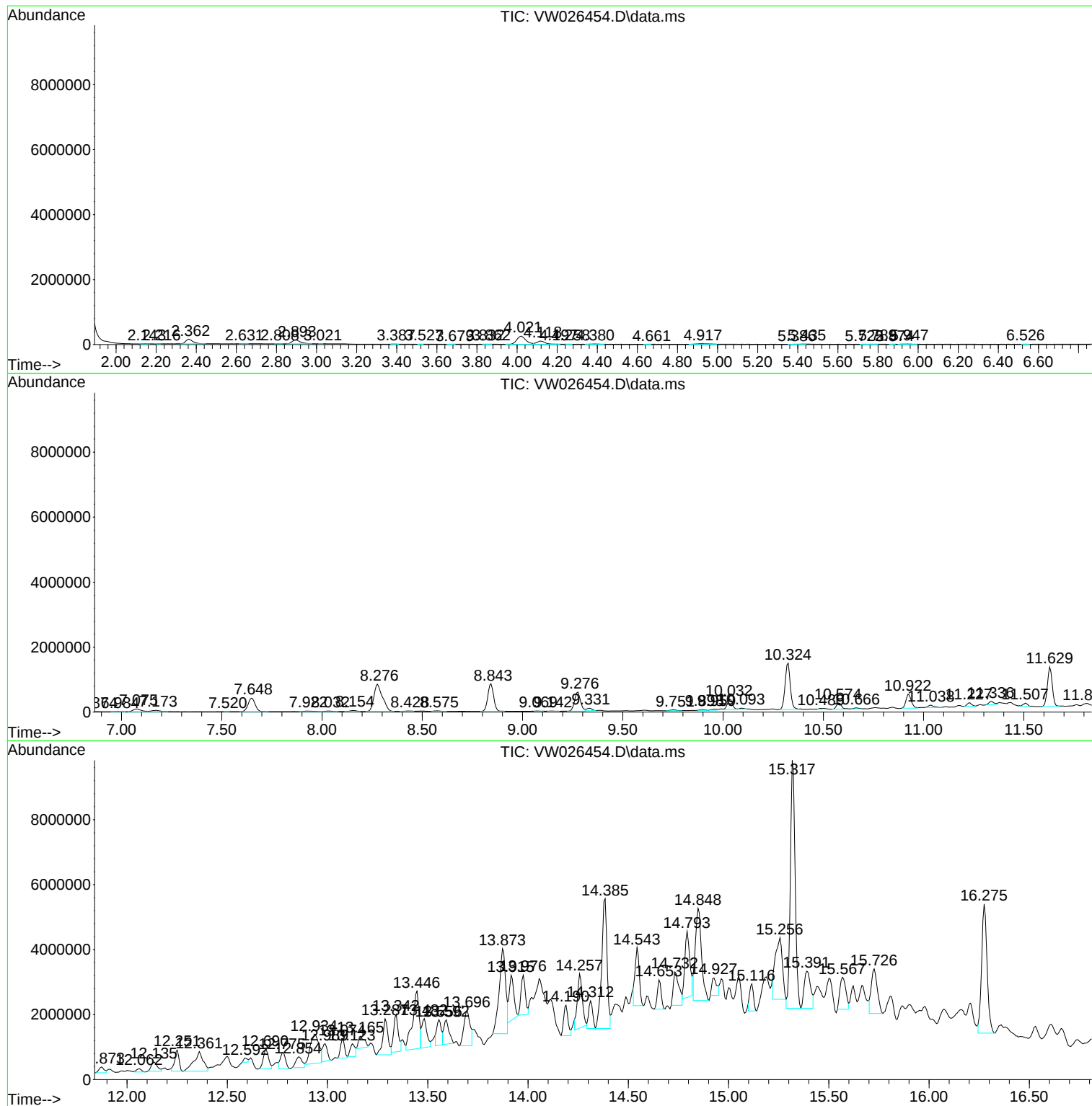
Sum of corrected areas: 116694482

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



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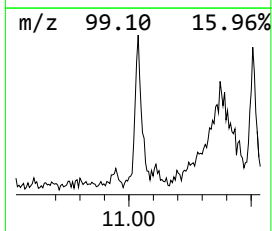
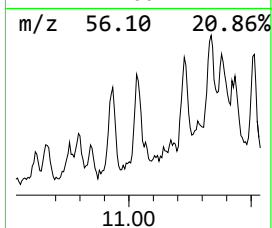
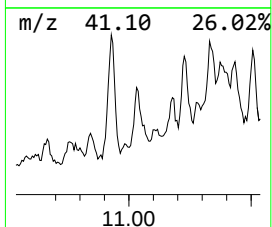
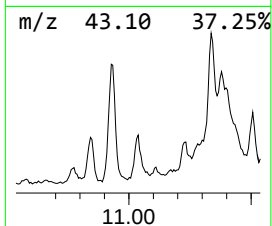
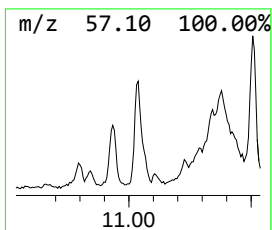
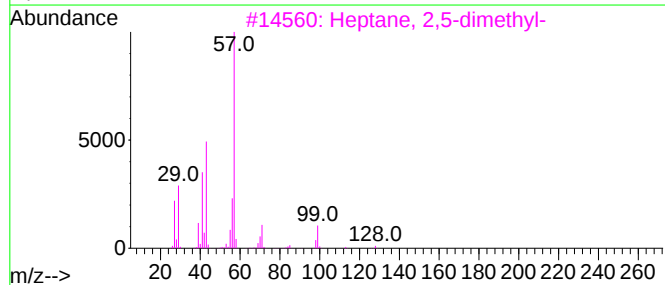
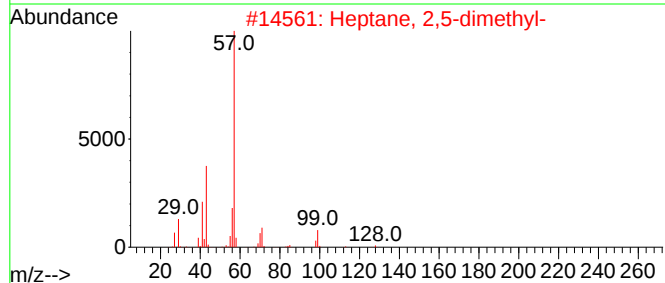
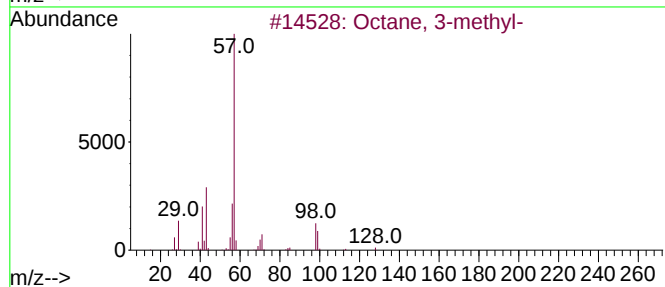
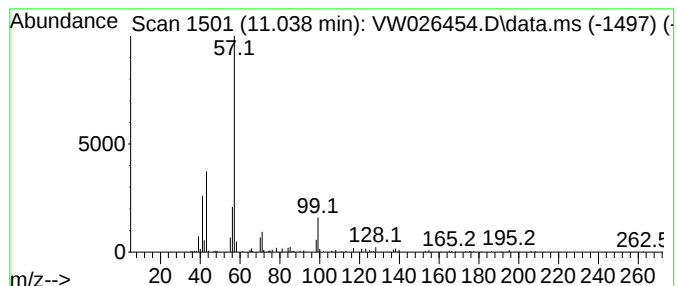
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.038	1.65 ug/L	133301	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-		128	C9H20	002216-33-3	76
2	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	74
3	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	64
4	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	62
5	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	62



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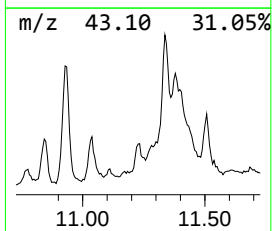
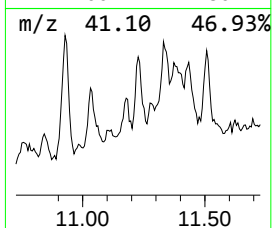
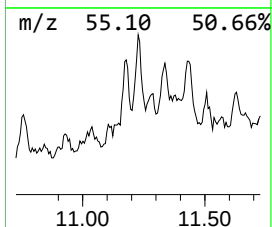
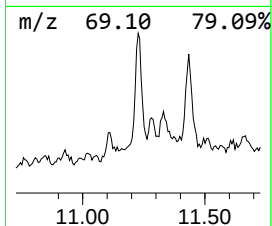
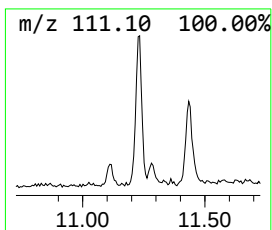
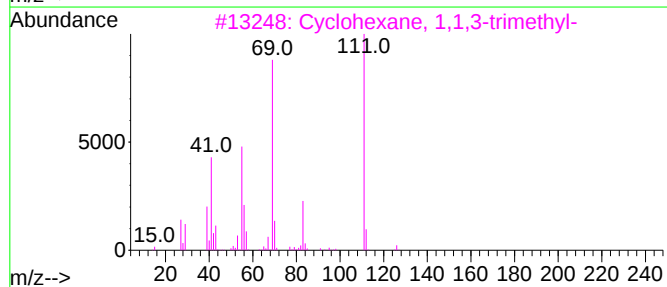
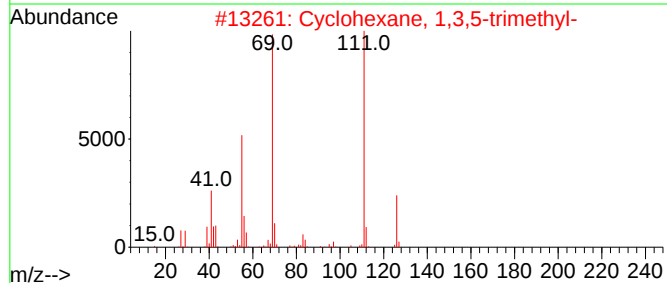
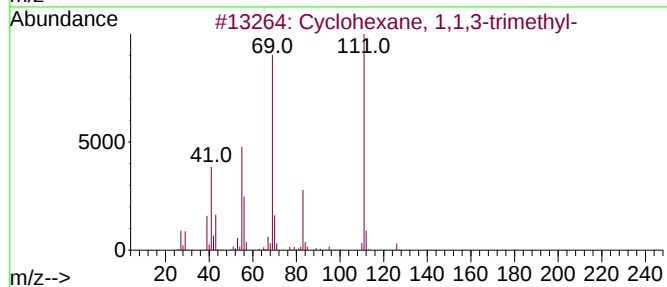
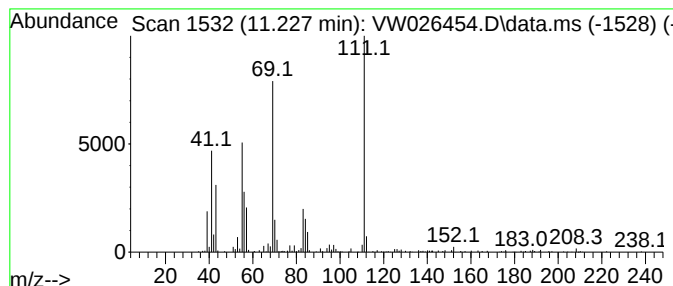
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.227 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.227	2.31 ug/L	187355	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	64
2	Cyclohexane, 1,3,5-trimethyl-		126	C9H18	001839-63-0	59
3	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	52
4	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	50
5	1-Octene, 3,3-dimethyl-		140	C10H20	074511-51-6	45



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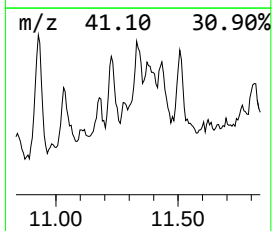
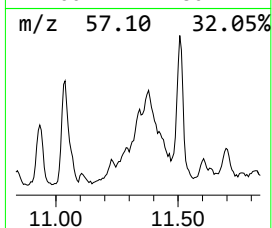
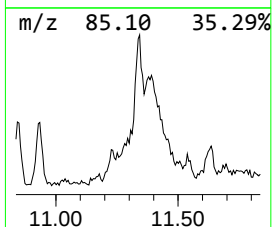
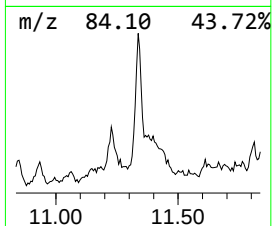
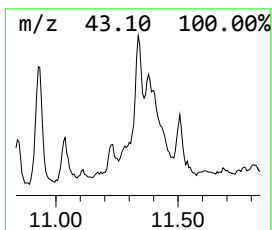
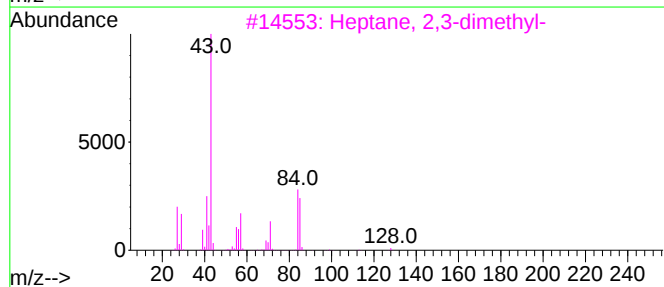
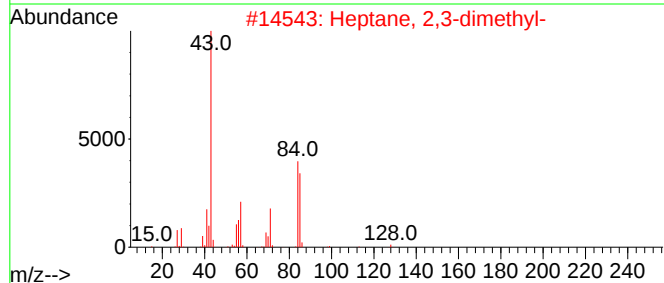
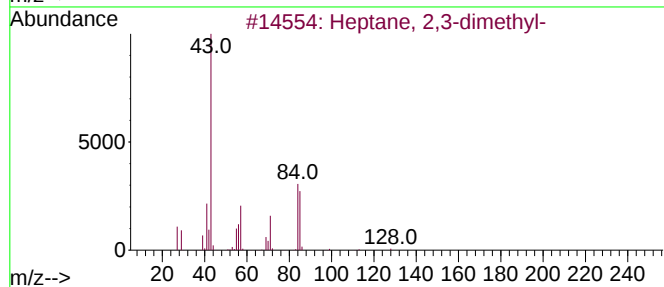
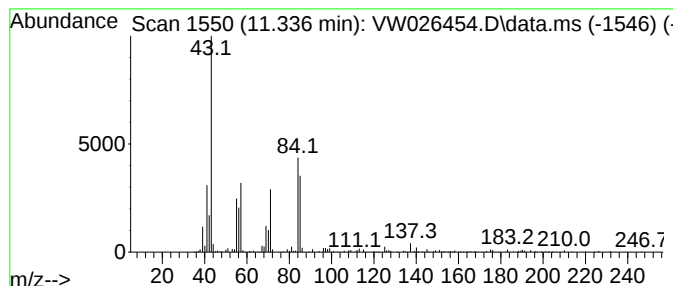
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	2.50 ug/L	202474	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	83
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
4			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	72
5			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

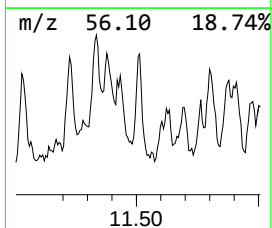
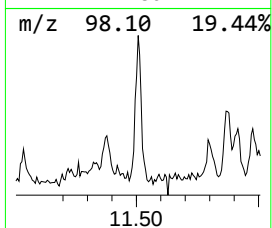
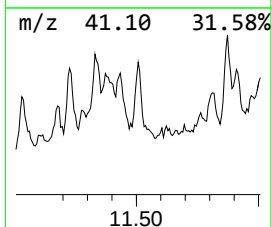
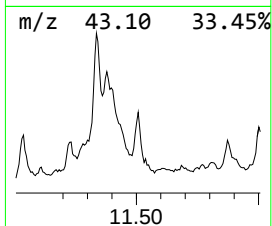
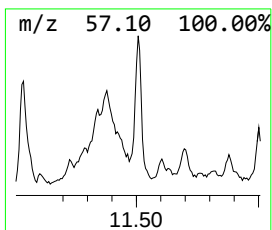
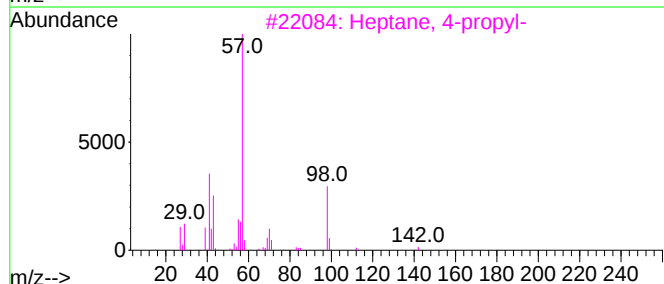
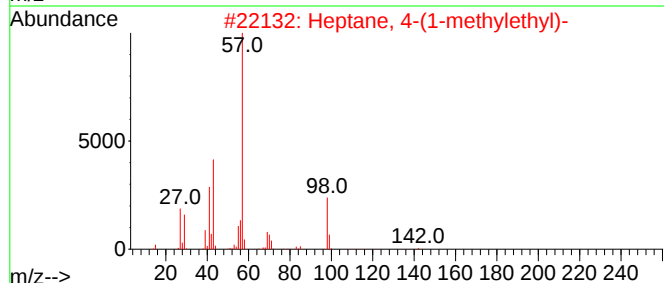
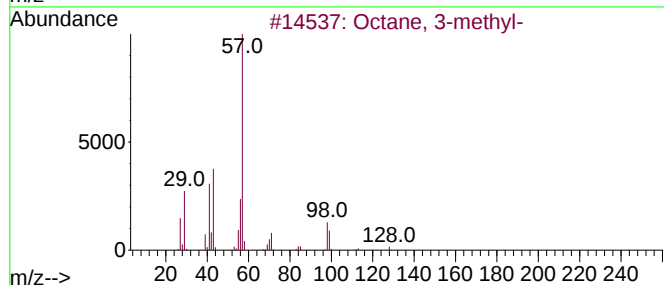
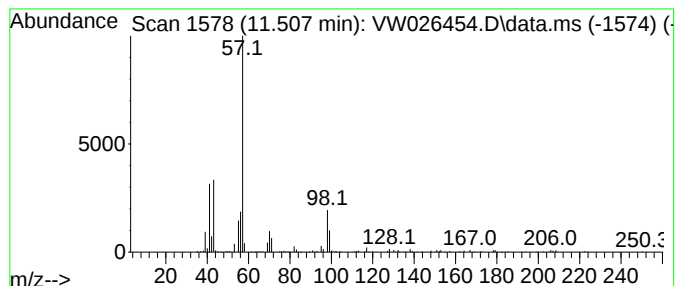
Instrument :
MSVOA_W
ClientSampleId :
A46N9

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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 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.507	1.98 ug/L	160132	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-		128	C9H20	002216-33-3	80
2	Heptane, 4-(1-methylethyl)-		142	C10H22	052896-87-4	72
3	Heptane, 4-propyl-		142	C10H22	003178-29-8	59
4	Heptane, 4-propyl-		142	C10H22	003178-29-8	59
5	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

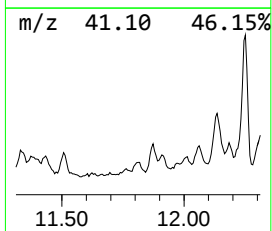
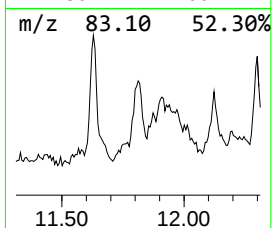
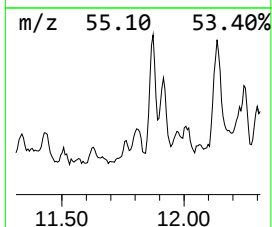
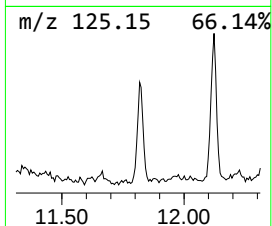
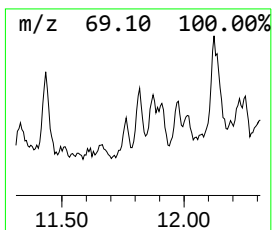
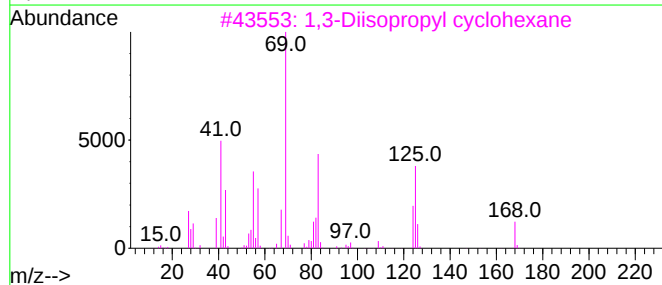
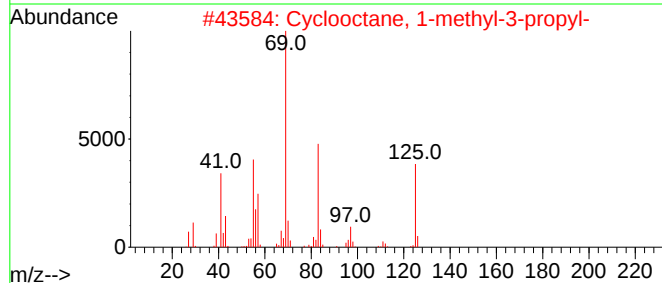
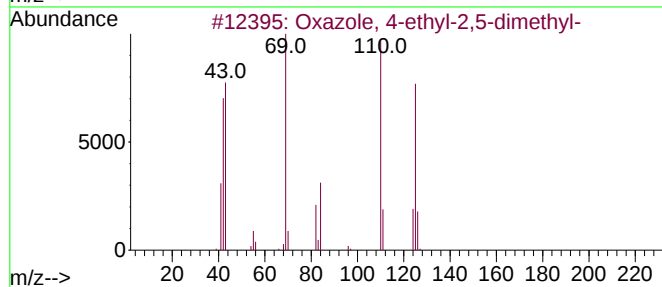
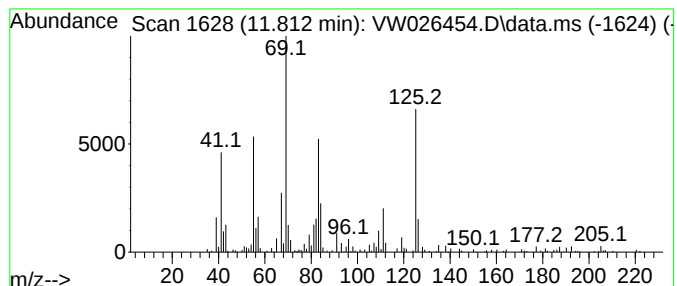
Instrument :
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ClientSampleId :
A46N9

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Quant Title : SFAM01.0

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

Peak Number 6 Oxazole, 4-ethyl-2,5-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.812	1.38 ug/L	111332	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 4-ethyl-2,5-dimethyl-	125	C7H11NO	030408-61-8	58
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53
3	1,3-Diisopropyl cyclohexane	168	C12H24	007045-70-7	50
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	47
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

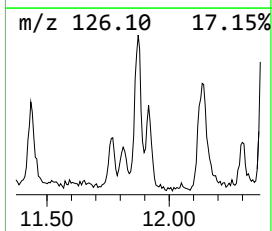
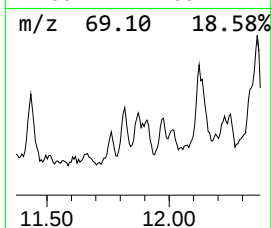
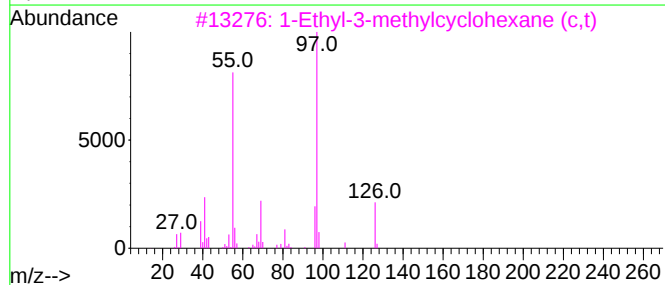
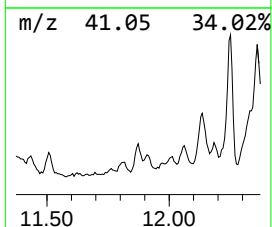
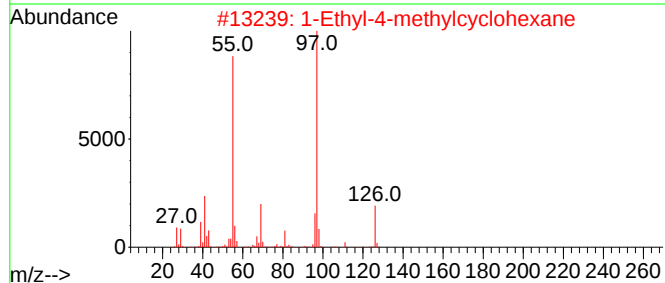
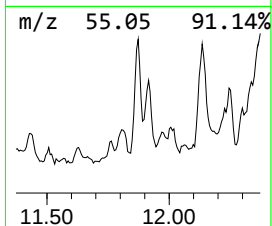
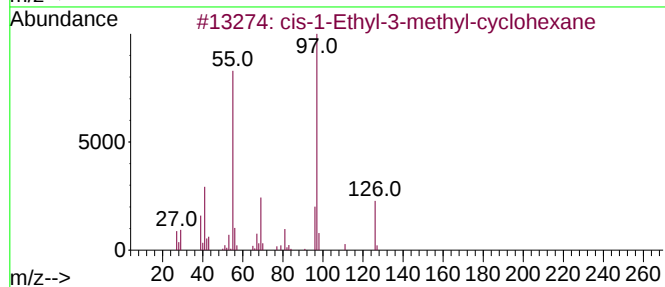
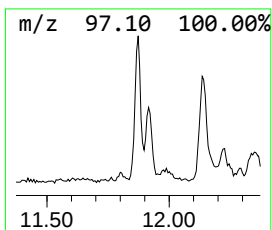
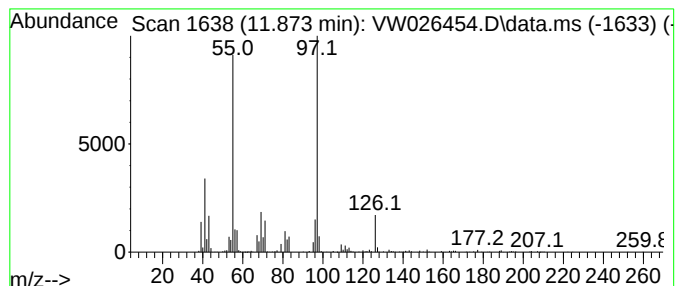
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.873 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	4.06 ug/L	329099	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	94
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	93
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	93
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

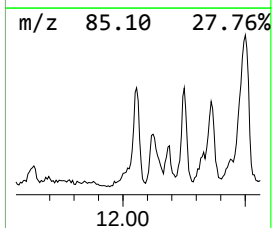
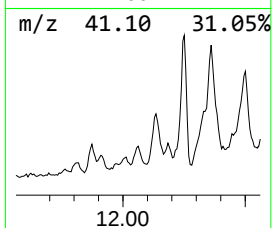
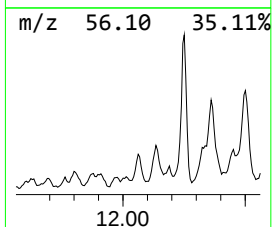
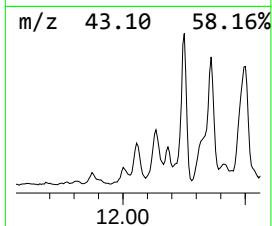
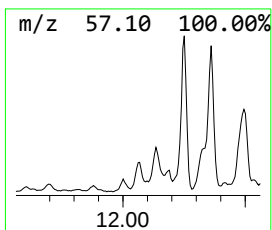
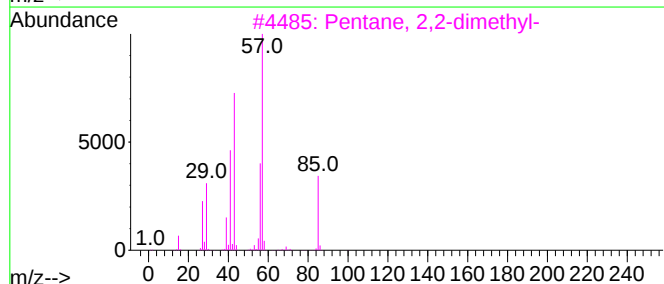
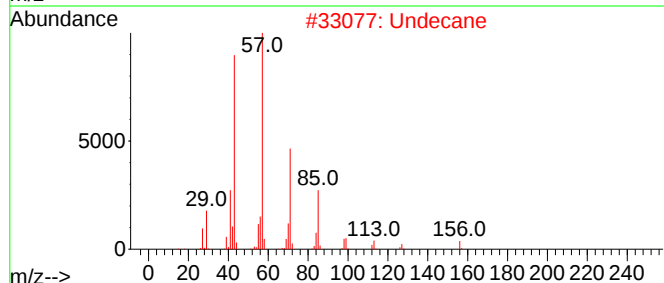
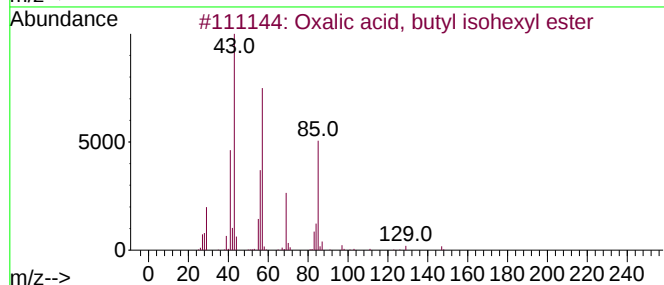
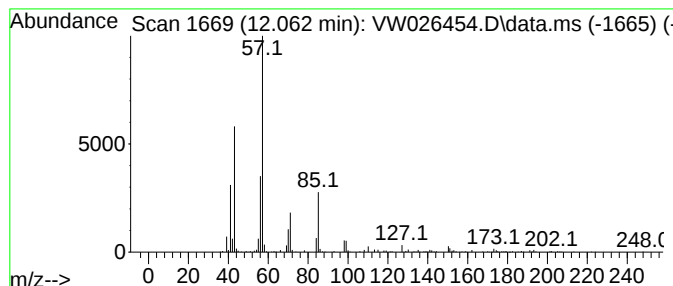
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Quant Title : SFAM01.0

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

Peak Number 8 Oxalic acid, butyl isohexyl... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	2.00 ug/L	162015	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53
2			Undecane	156	C11H24	001120-21-4	50
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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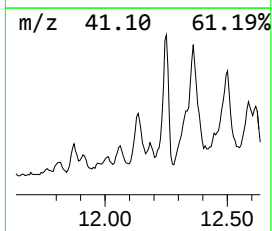
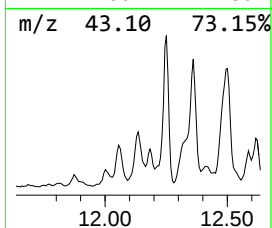
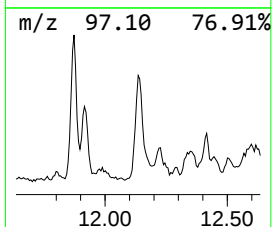
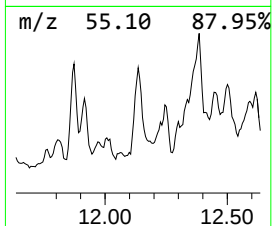
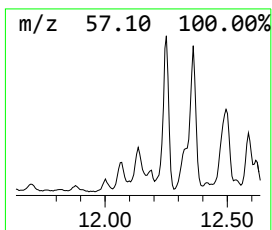
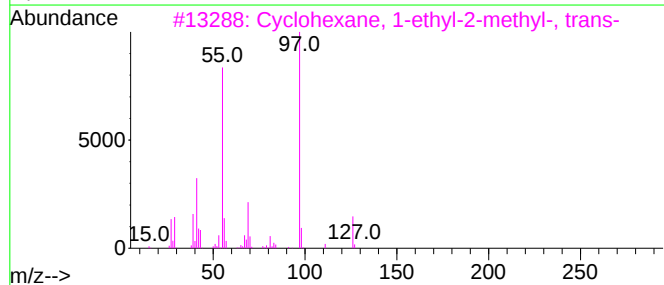
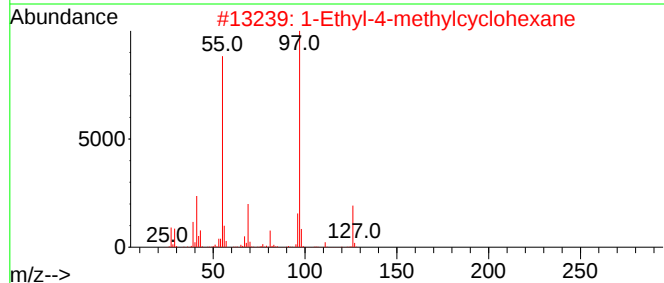
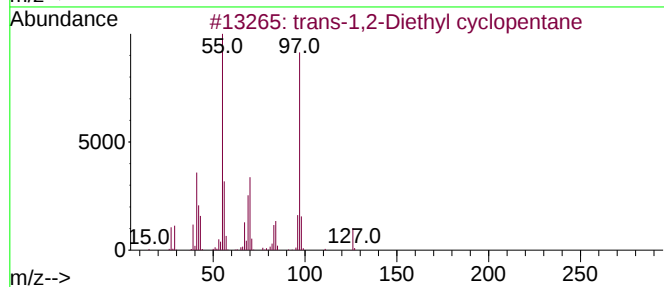
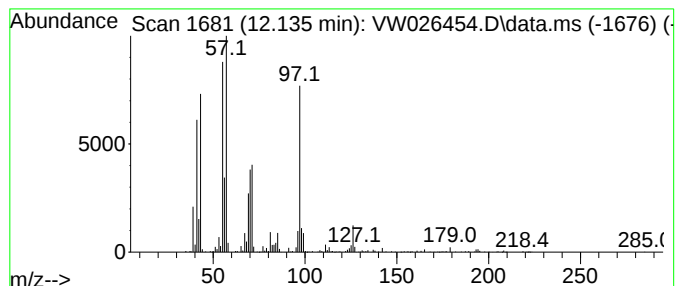
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.135 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	7.49 ug/L	606383	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	52
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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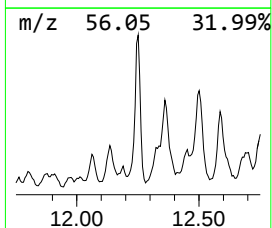
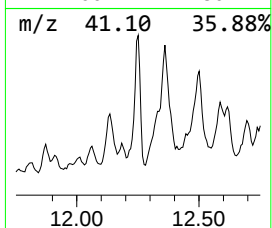
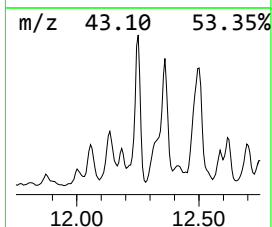
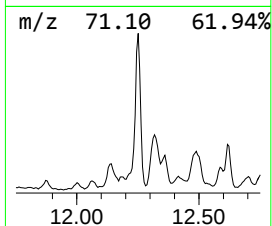
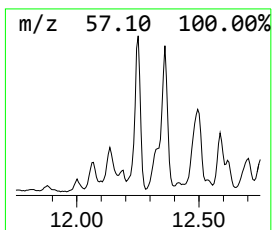
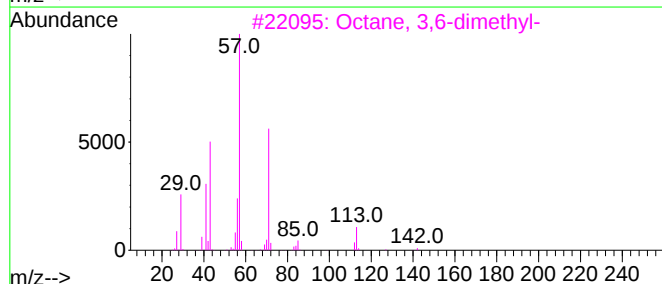
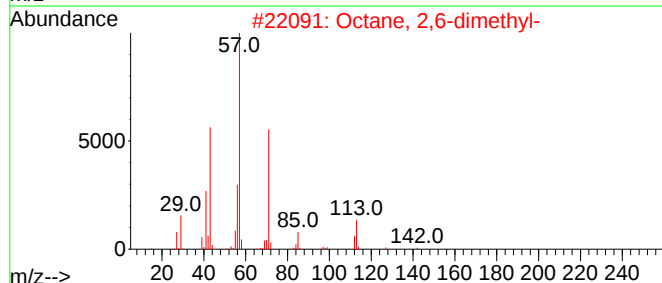
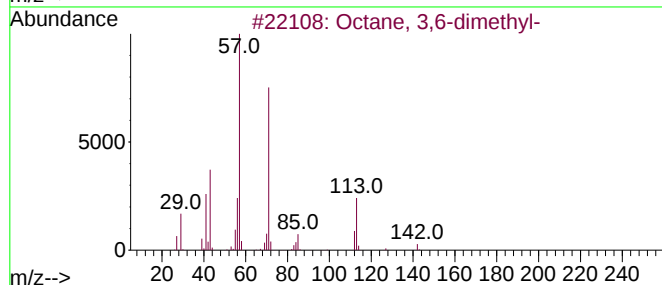
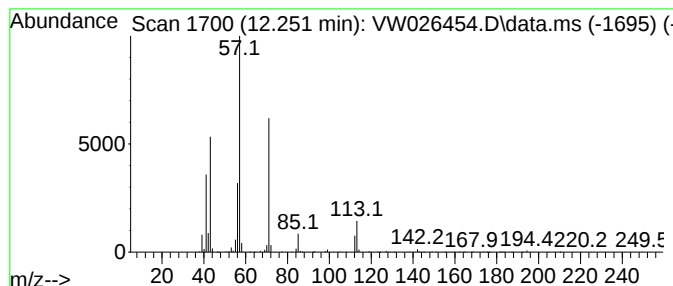
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	12.19 ug/L	986919	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

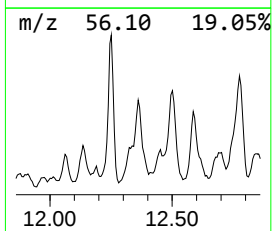
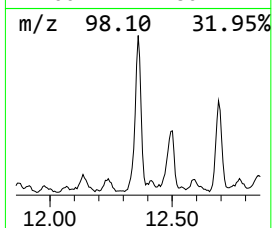
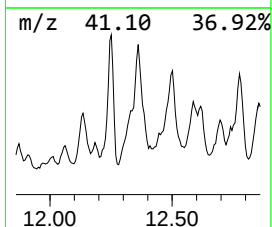
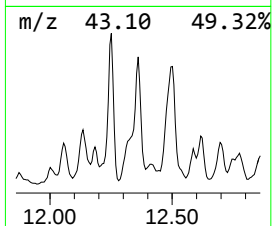
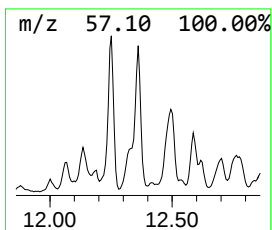
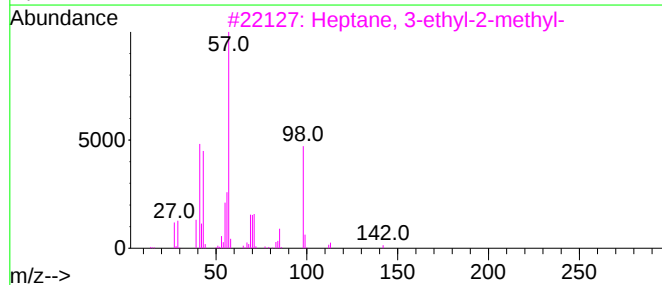
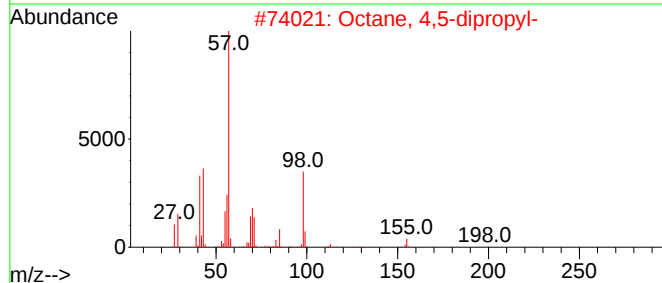
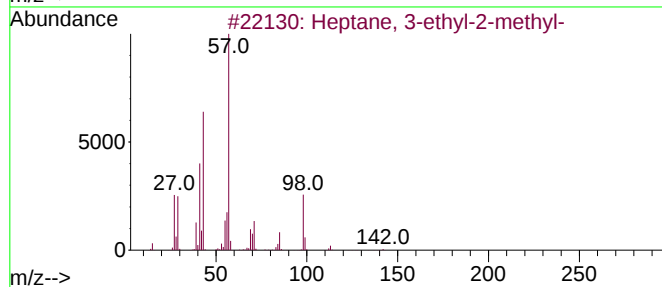
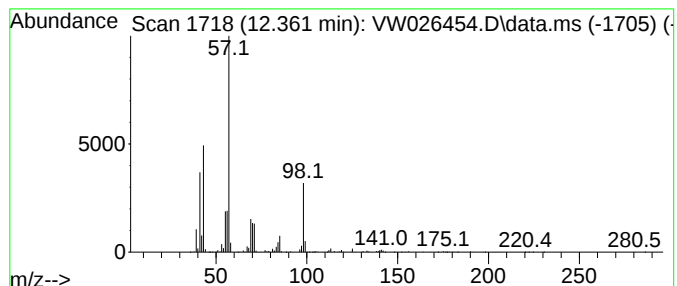
Instrument :
MSVOA_W
ClientSampleId :
A46N9

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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	24.20 ug/L	1959320	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	90
2	Octane, 4,5-dipropyl-		198	C14H30	020905-05-9	90
3	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	87
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	83
5	Heptane, 4-(1-methylethyl)-		142	C10H22	052896-87-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

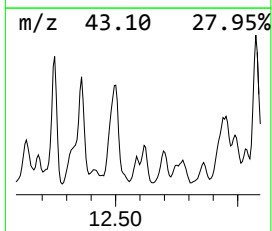
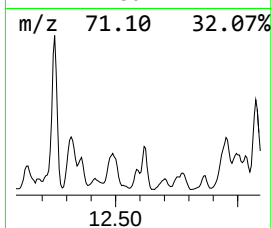
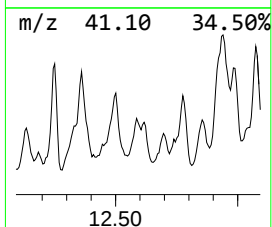
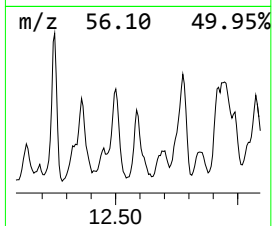
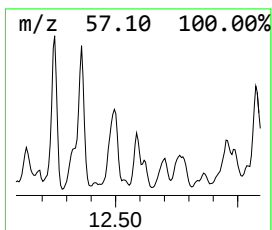
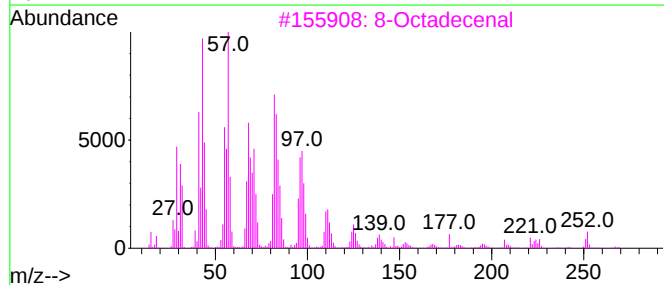
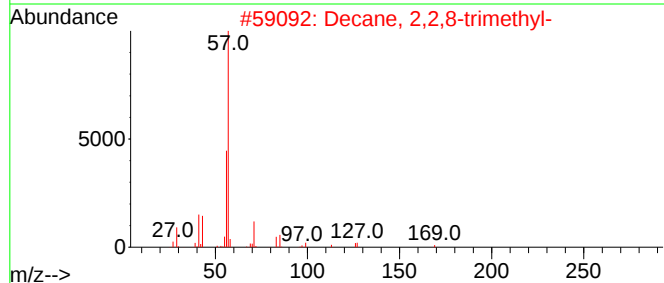
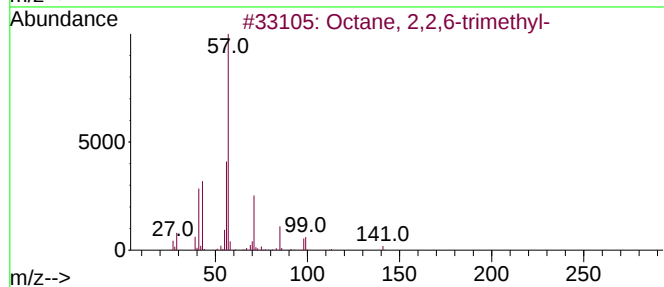
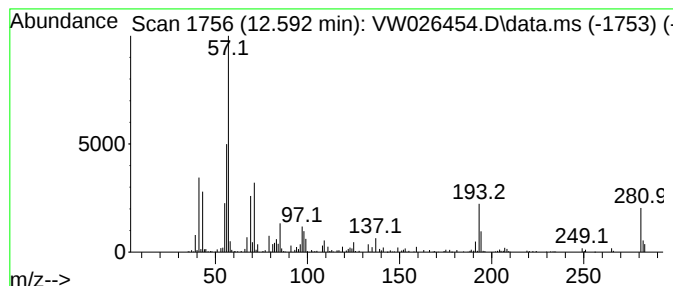
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	3.52 ug/L	180686	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	47
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	43
3		8-Octadecenal	266	C18H34O	056554-94-0	38
4		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	35
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

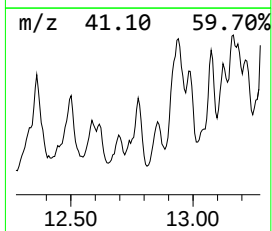
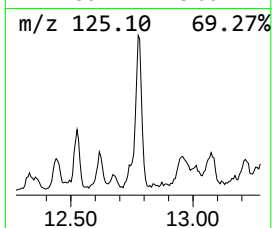
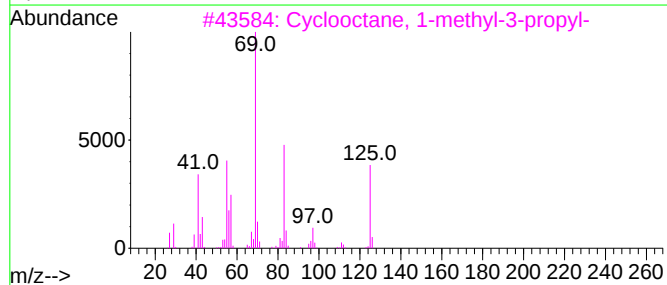
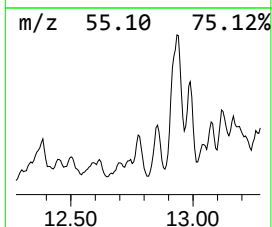
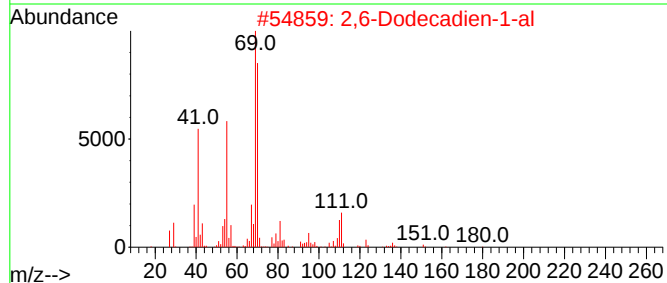
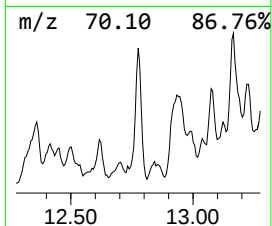
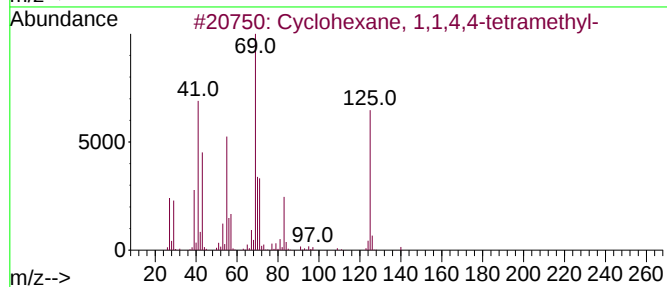
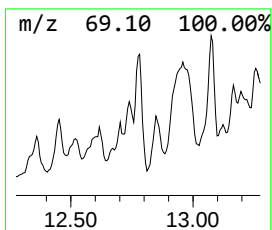
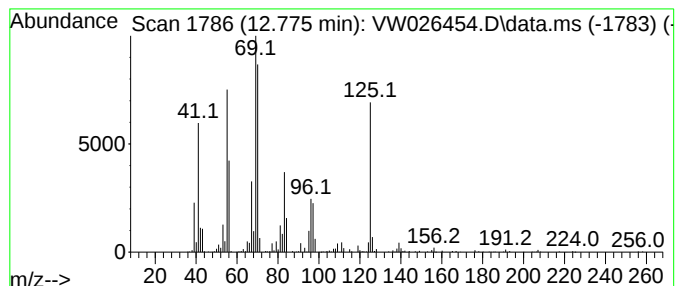
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic12.775 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	16.93 ug/L	870433	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	46
2			2,6-Dodecadien-1-al	180	C12H20O	021662-13-5	43
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
4			1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

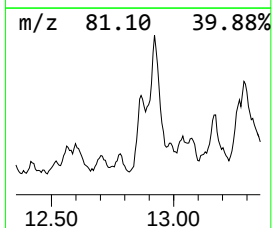
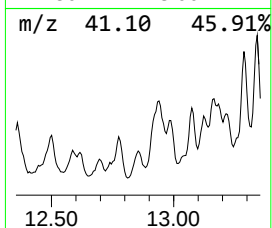
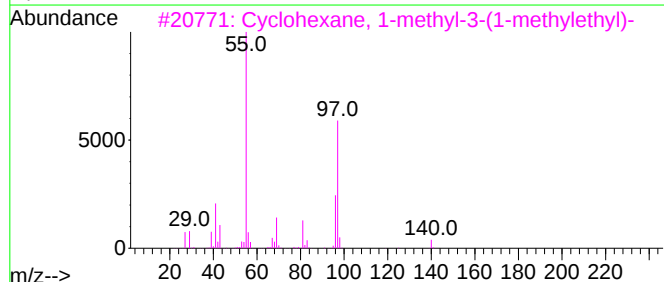
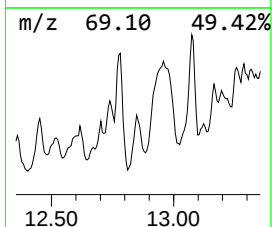
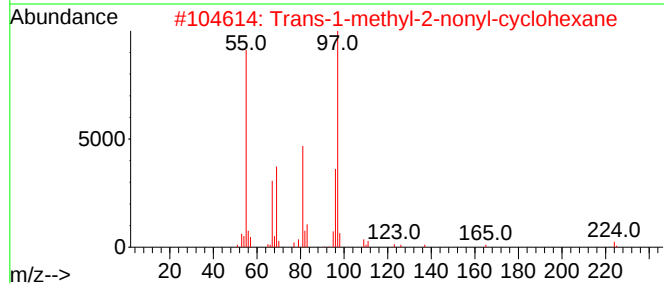
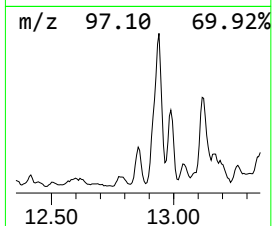
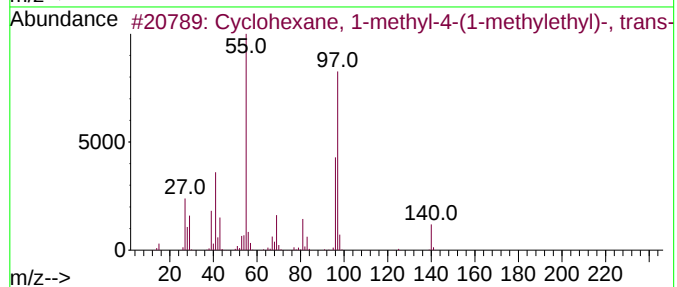
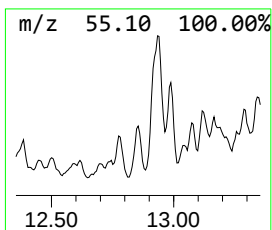
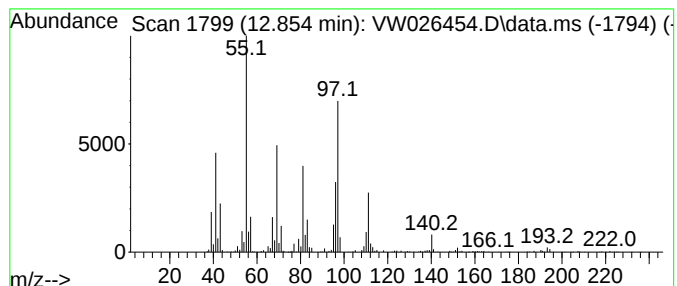
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.855 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	14.51 ug/L	745939	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
2			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	58
3			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	52
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
5			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

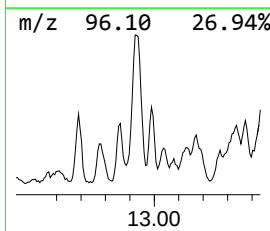
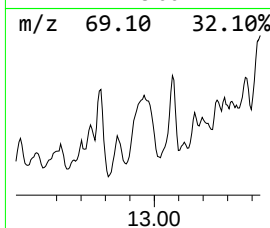
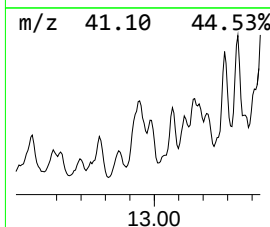
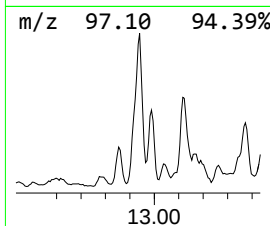
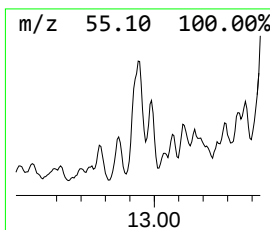
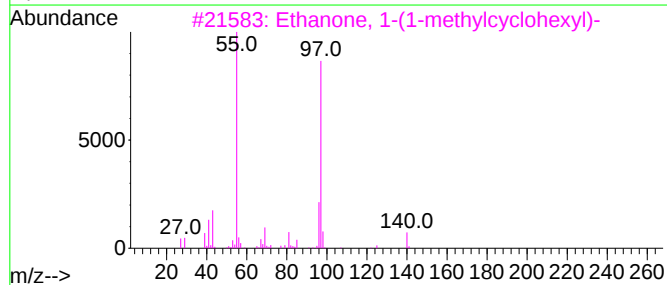
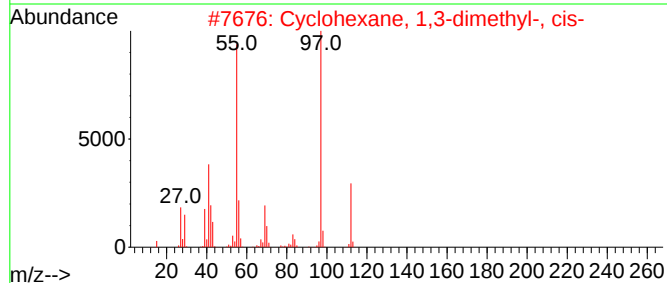
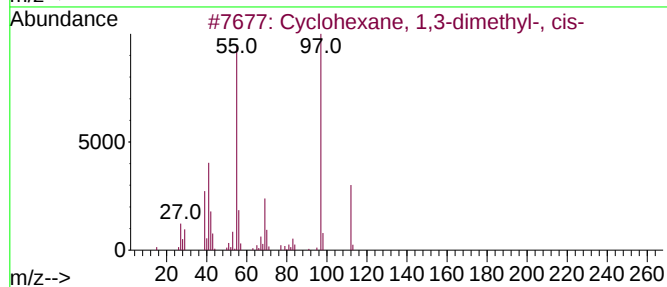
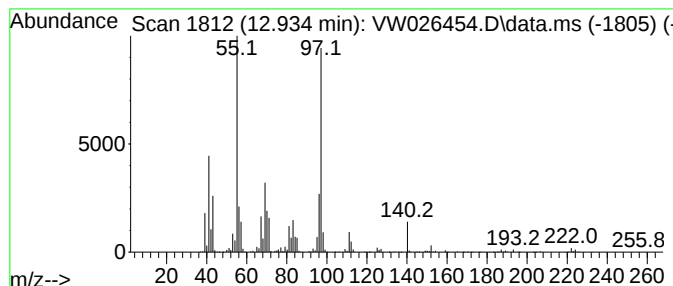
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic12.934 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	53.79 ug/L	2764510	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
5			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

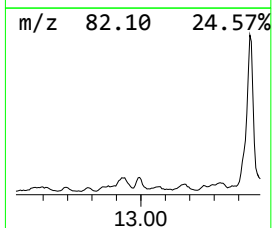
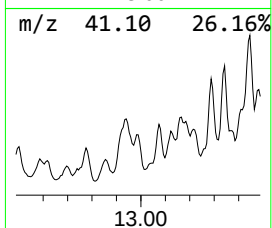
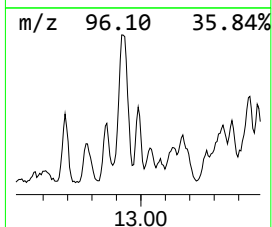
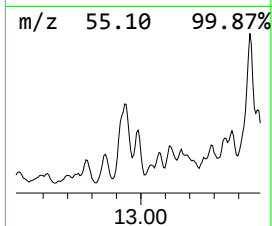
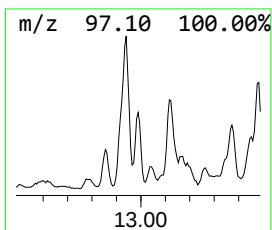
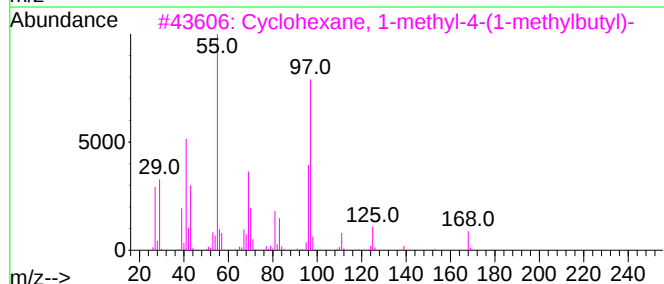
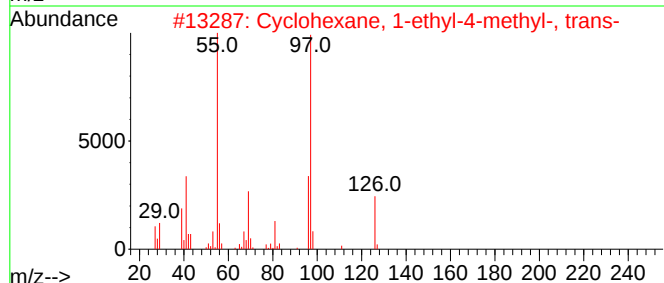
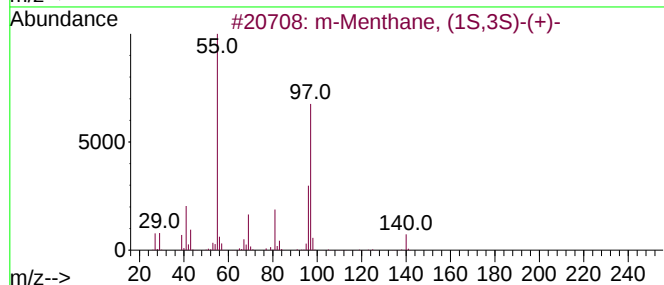
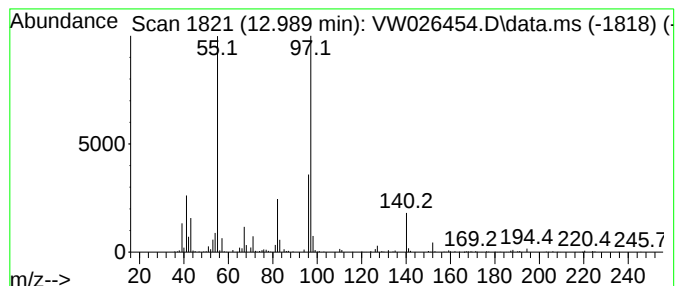
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	16.85 ug/L	865911	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
3			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	59
4			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	59
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

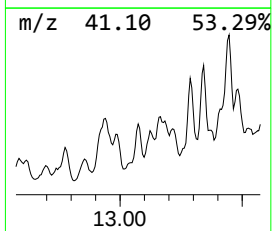
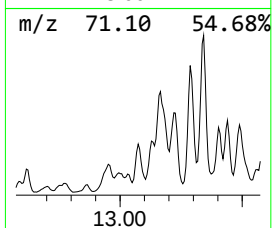
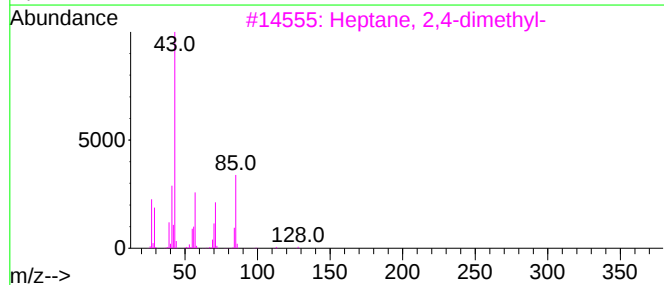
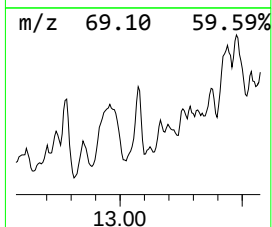
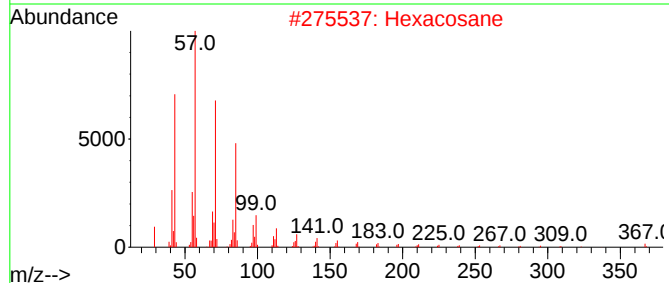
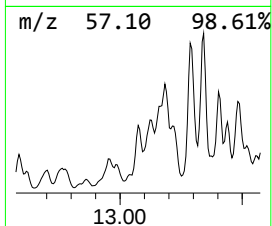
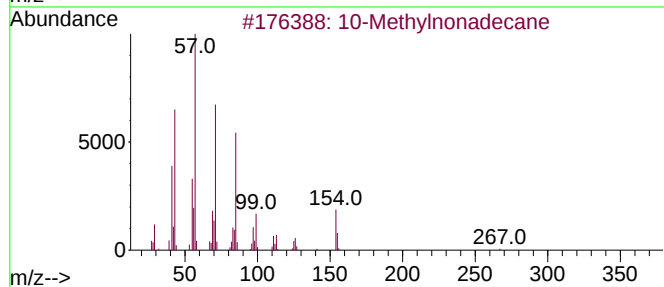
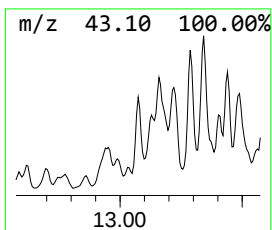
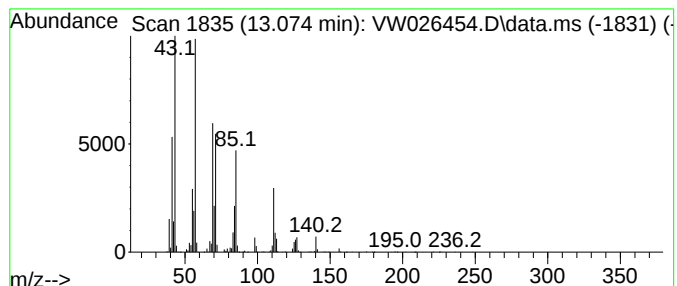
Instrument :
MSVOA_W
ClientSampleId :
A46N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.074	16.32 ug/L	838635	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	64
2	Hexacosane		366	C26H54	000630-01-3	50
3	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	47
4	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	46
5	Decane, 2,6,7-trimethyl-		184	C13H28	062108-25-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

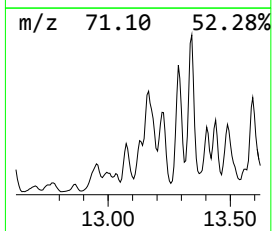
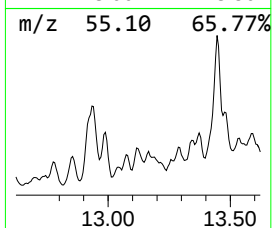
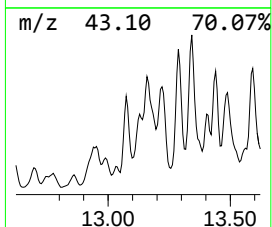
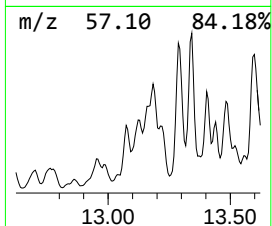
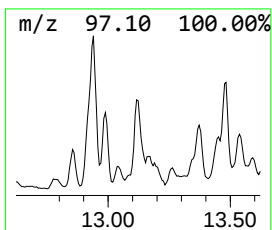
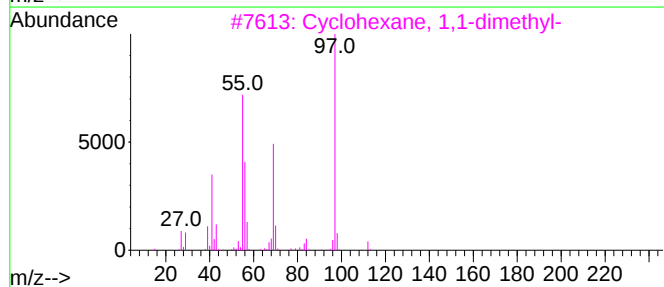
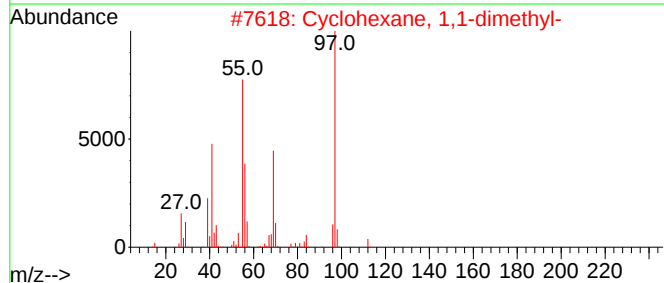
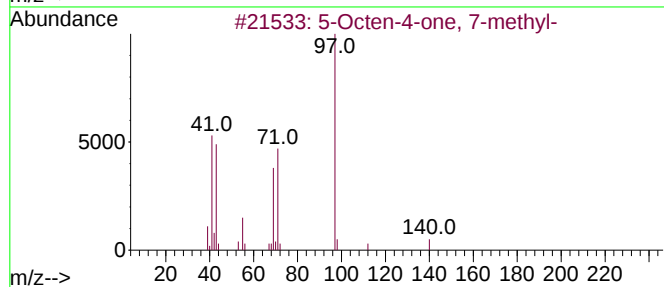
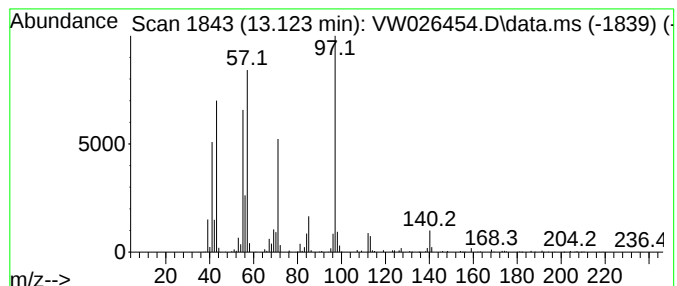
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 18 5-Octen-4-one, 7-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.123	13.61 ug/L	699759	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Octen-4-one, 7-methyl-		140	C9H16O	032064-78-1	70
2	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	49
3	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	49
4	1H-Pyrazole, 4,5-dihydro-3,4,5-t...		112	C6H12N2	022591-95-3	46
5	4-Hepten-3-one, 2,6-dimethyl-		140	C9H16O	056259-14-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

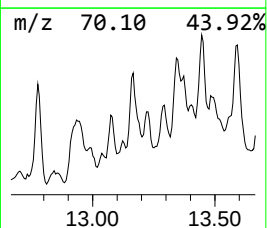
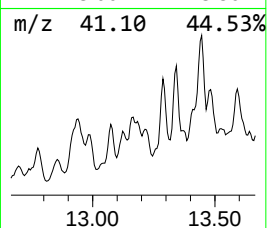
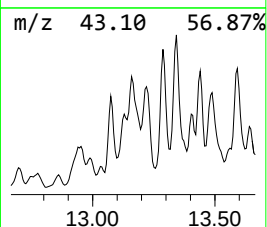
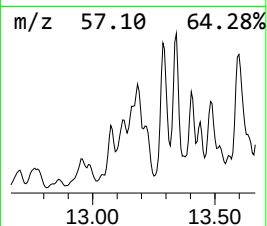
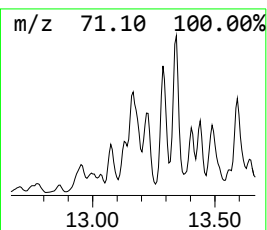
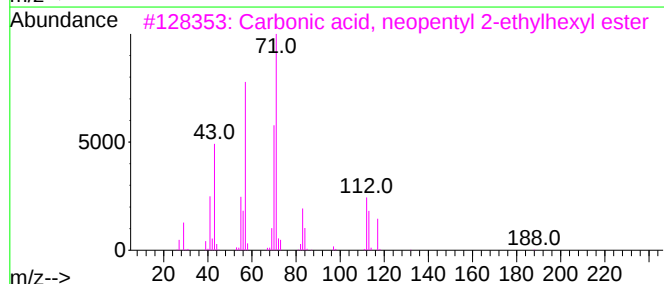
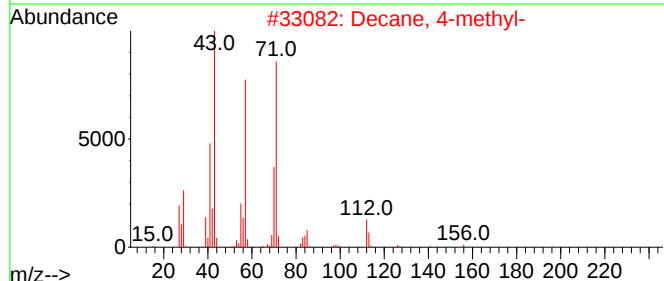
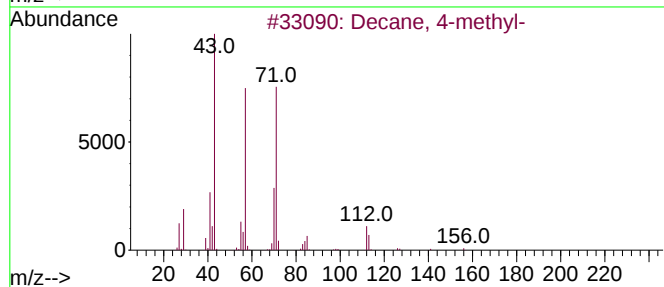
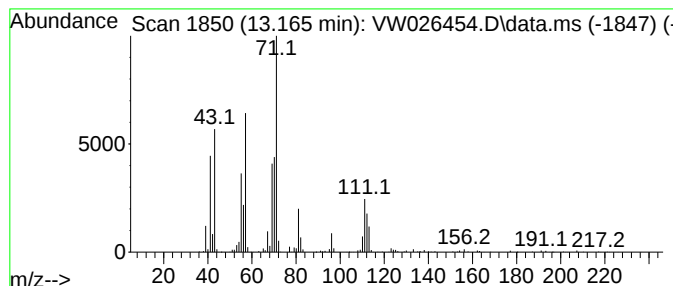
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.165	14.52 ug/L	746214	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	68
2	Decane, 4-methyl-		156	C11H24	002847-72-5	64
3	Carbonic acid, neopentyl 2-ethyl...		244	C14H28O3	1000357-85-7	64
4	Oxalic acid, 2-ethylhexyl hexyl ...		286	C16H30O4	1000309-38-9	64
5	4-Methyl-3-heptanol, chlorodiflu...		242	C10H17ClF2O2	1000447-27-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

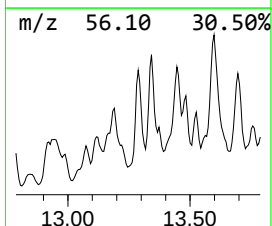
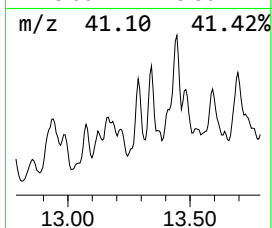
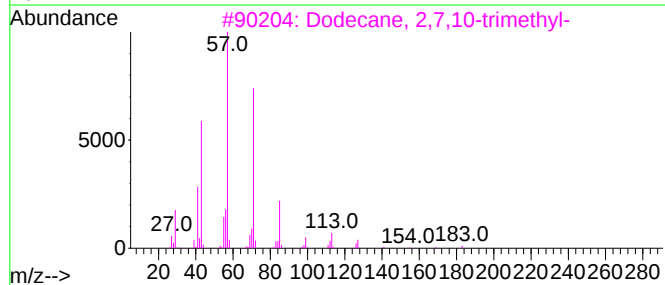
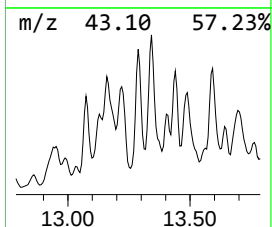
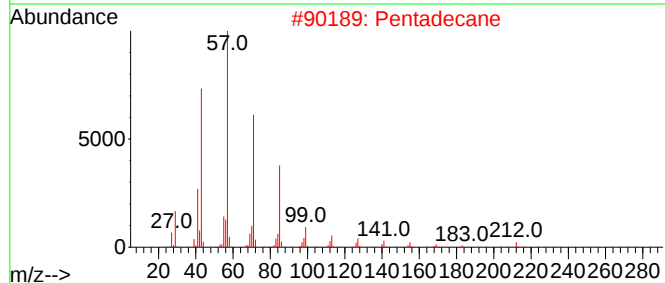
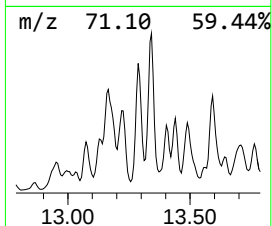
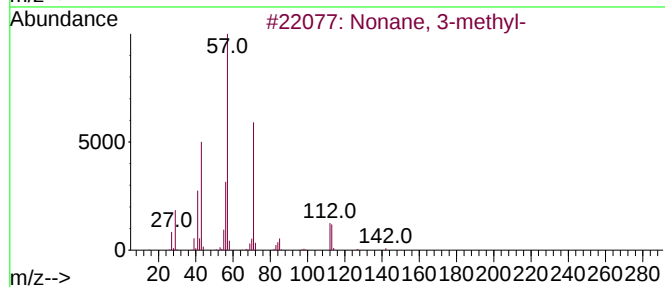
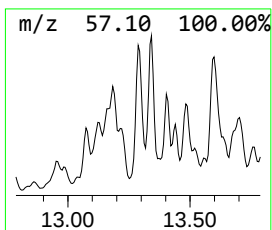
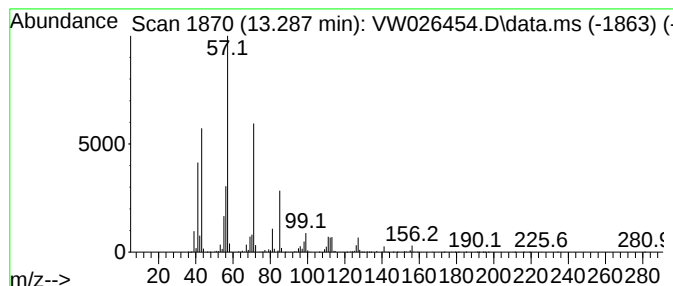
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	39.87 ug/L	2049120	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	68
2		Pentadecane	212	C15H32	000629-62-9	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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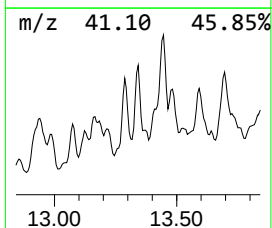
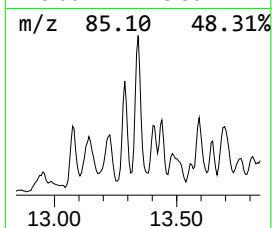
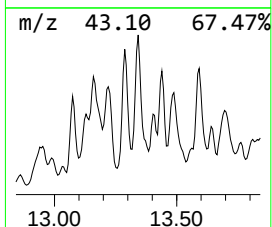
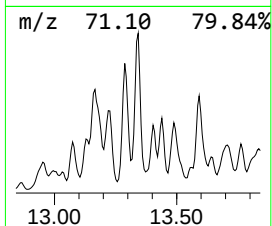
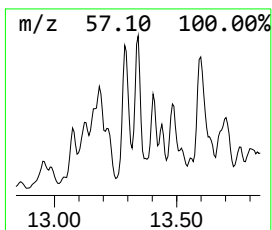
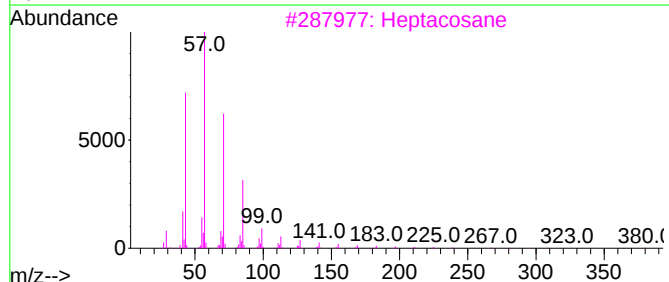
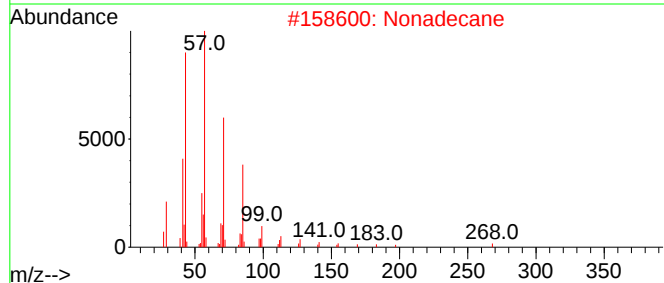
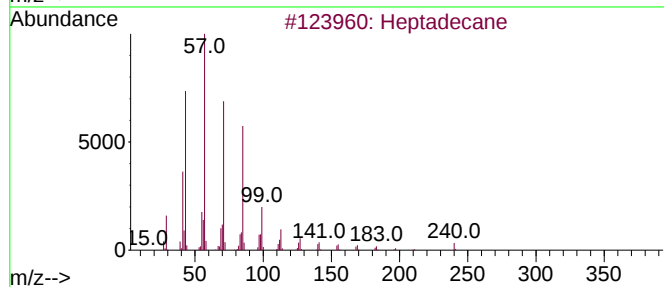
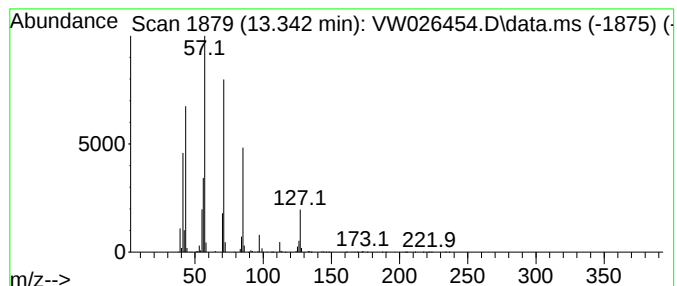
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	37.11 ug/L	1907670	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	72
2		Nonadecane	268	C19H40	000629-92-5	64
3		Heptacosane	380	C27H56	000593-49-7	64
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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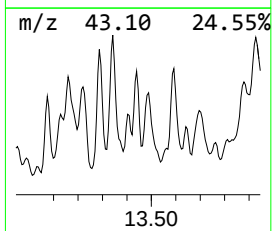
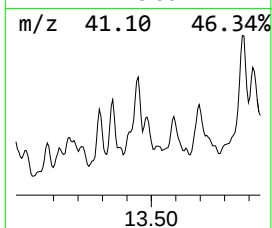
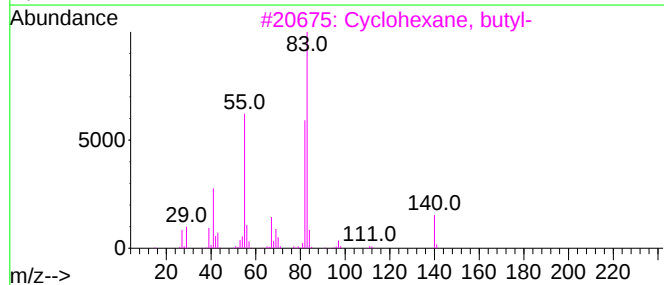
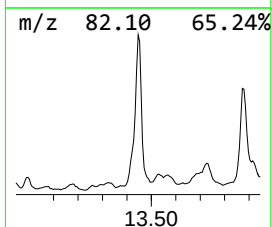
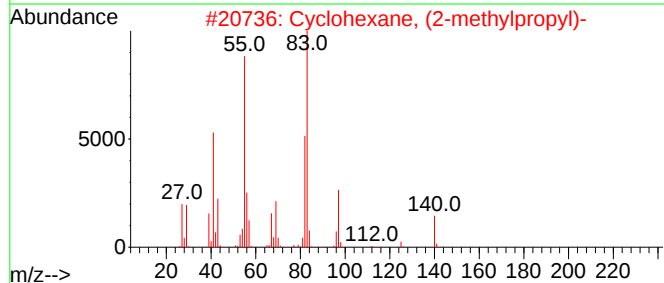
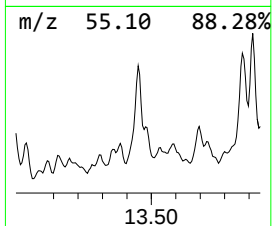
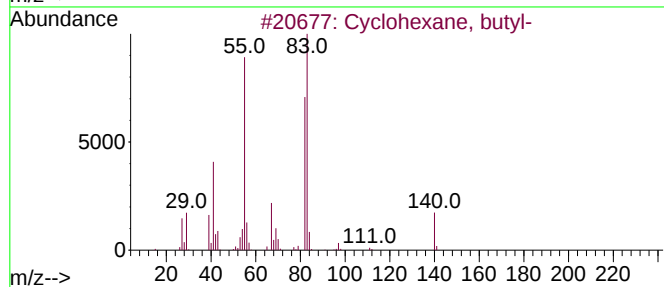
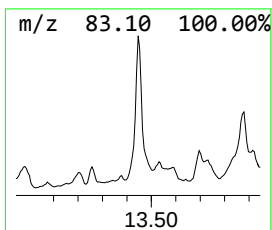
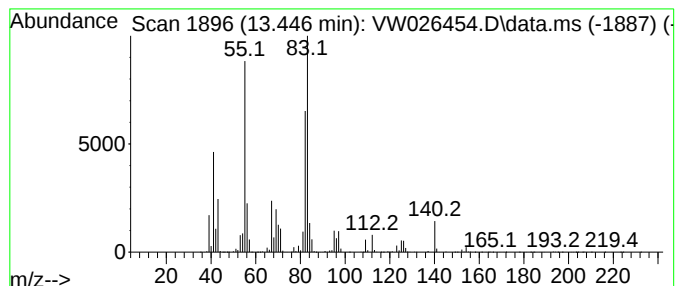
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.446 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	80.21 ug/L	4122890	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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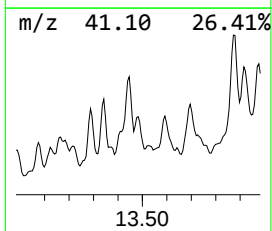
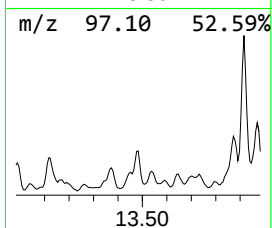
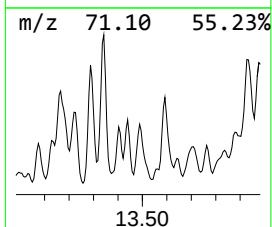
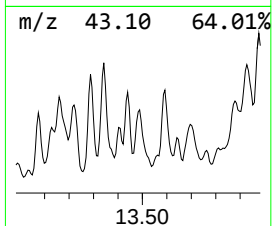
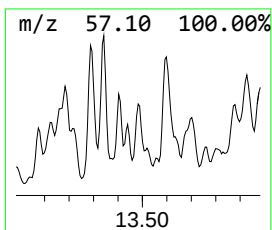
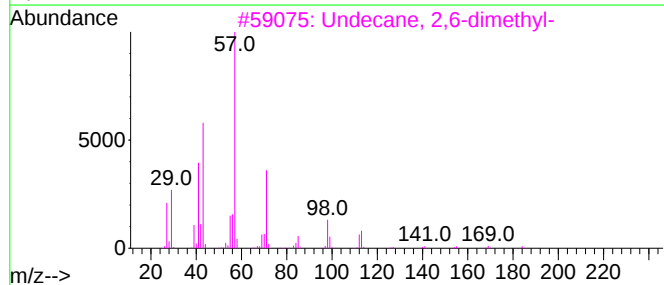
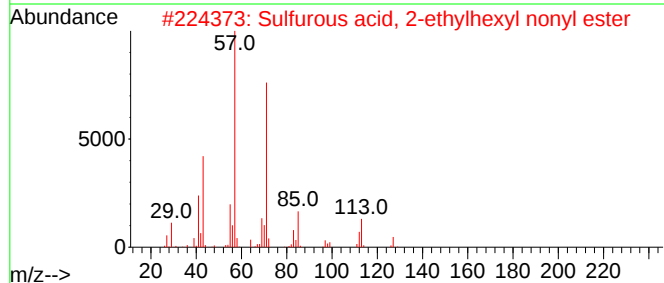
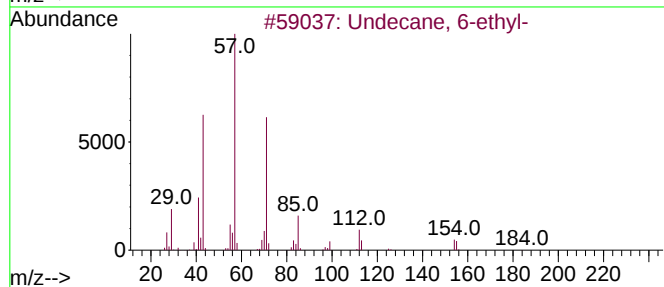
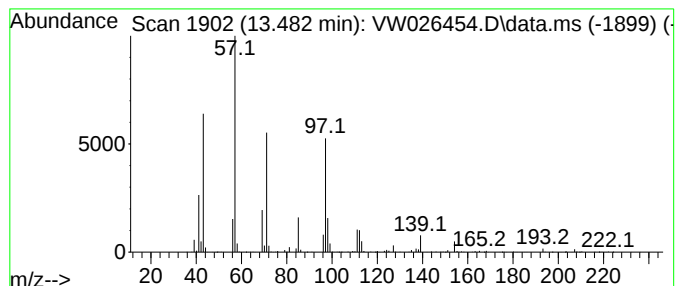
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.482	30.37 ug/L	1561000	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 6-ethyl-	184	C13H28	017312-60-6	47
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	43
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

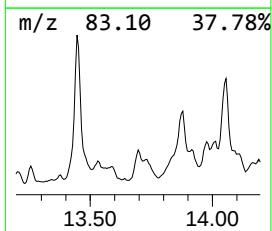
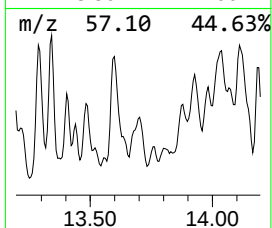
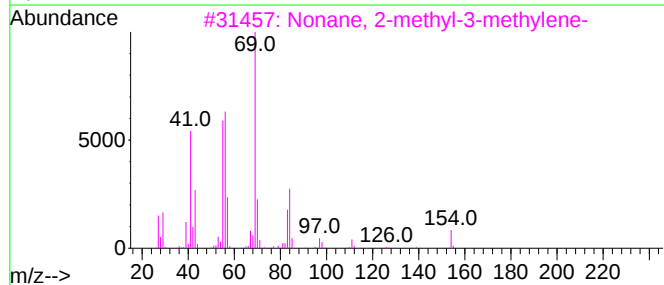
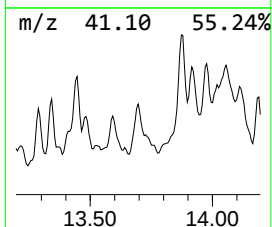
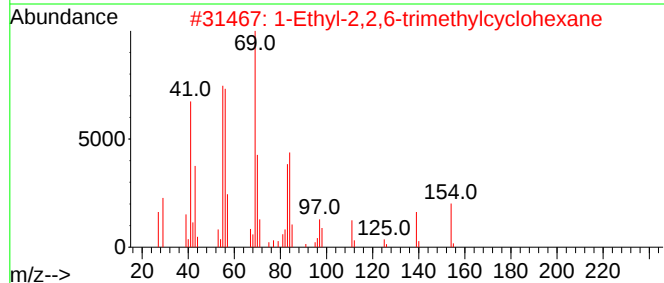
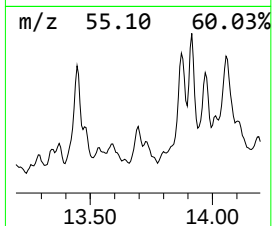
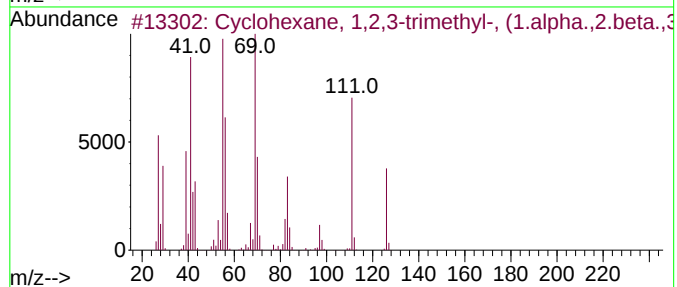
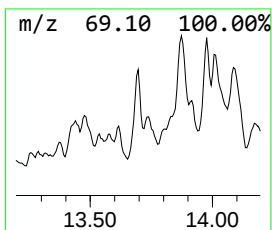
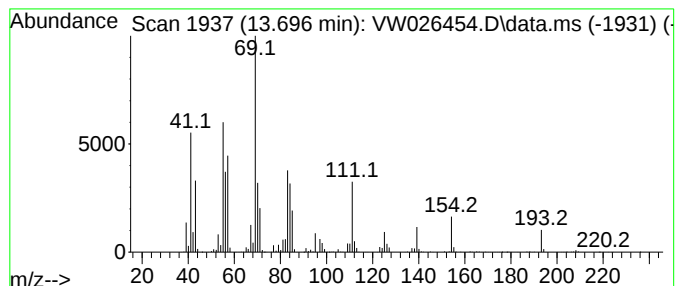
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic13.696 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	46.23 ug/L	2375970	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	55
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	53
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
4			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	49
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

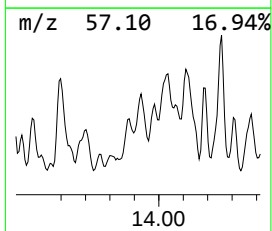
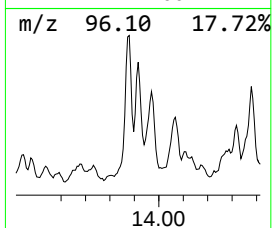
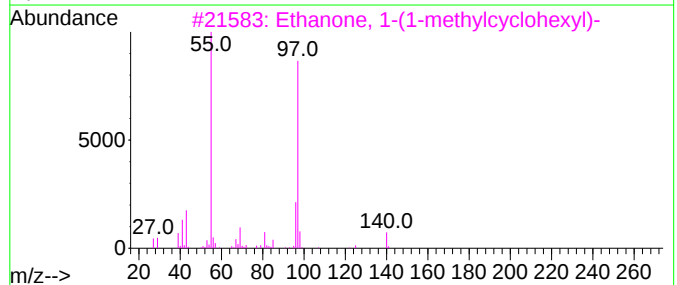
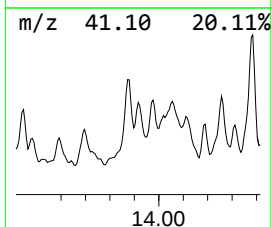
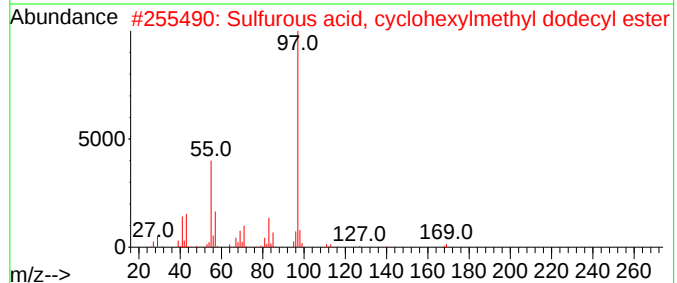
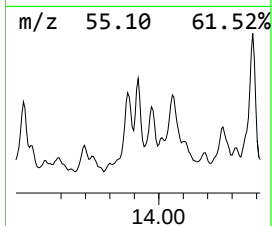
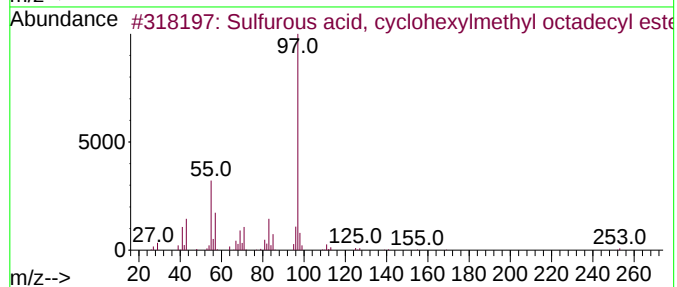
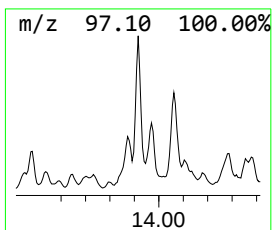
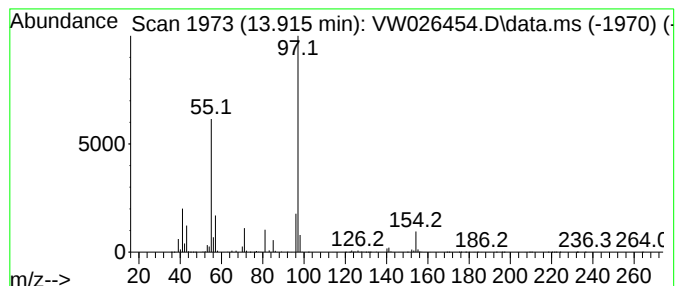
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Quant Title : SFAM01.0

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

Peak Number 25 Sulfurous acid, cyclohexylm... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	44.88 ug/L	2307020	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	72
2			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	64
3			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
4			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	56
5			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

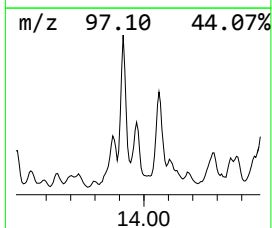
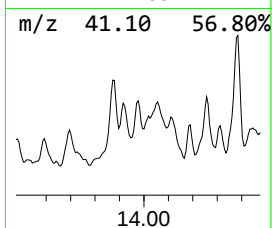
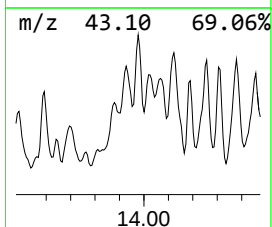
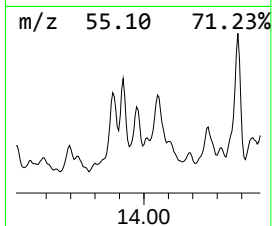
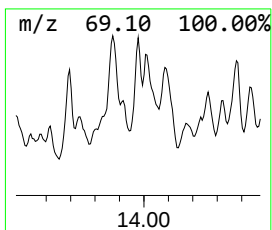
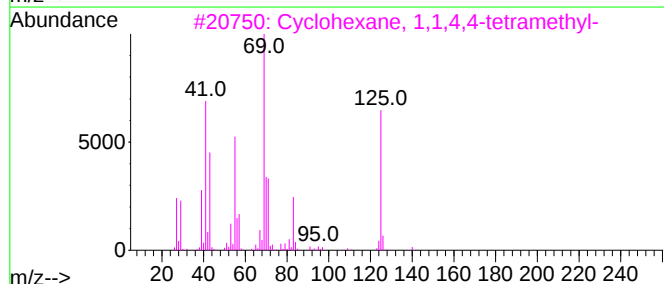
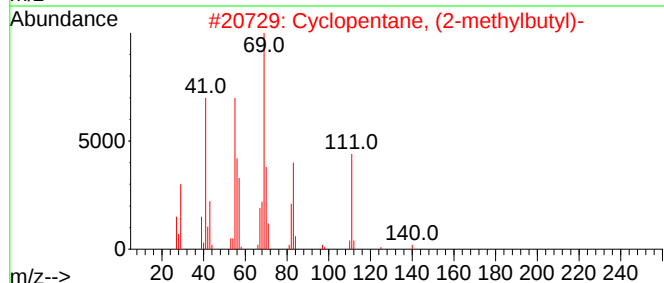
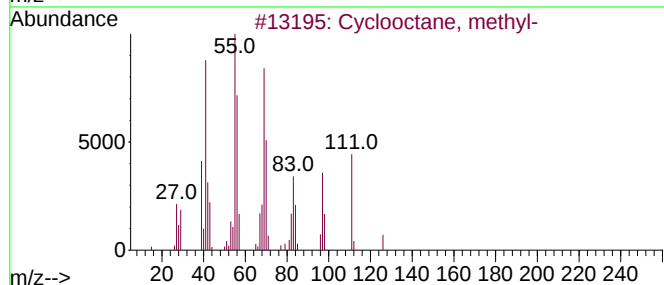
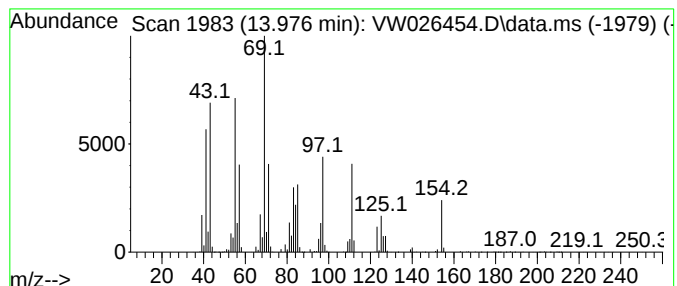
Instrument :
MSVOA_W
ClientSampleId :
A46N9

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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic13.976 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.976	36.25 ug/L	1863250	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	49
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	30
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	27
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

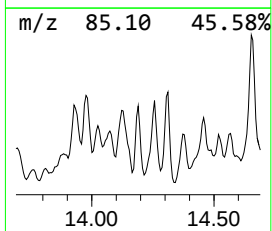
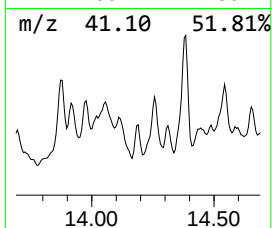
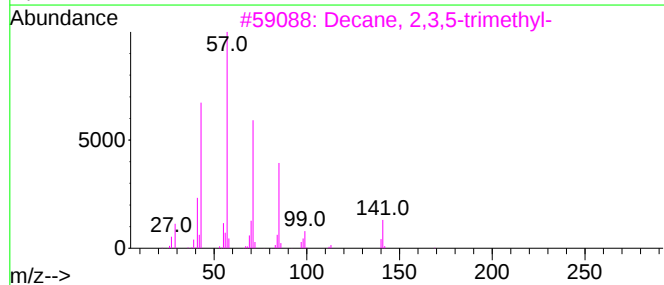
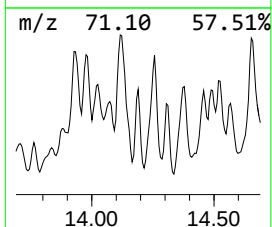
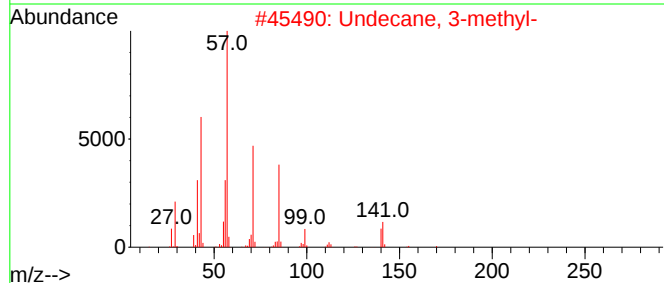
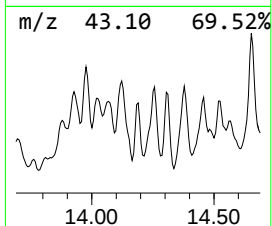
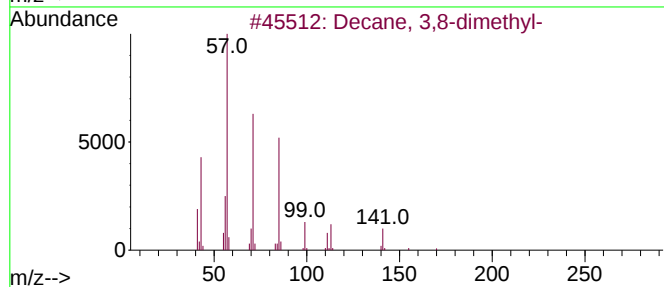
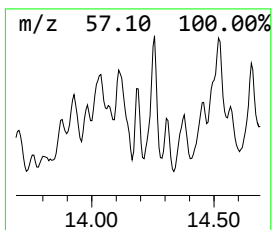
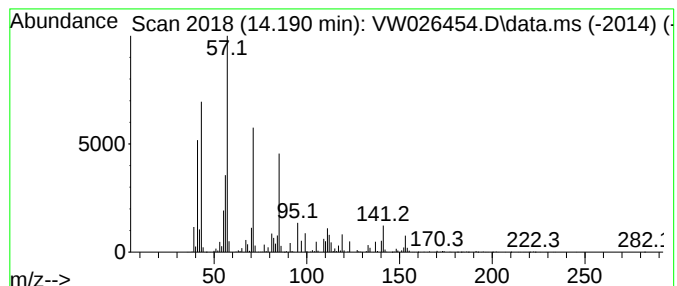
Instrument :
MSVOA_W
ClientSampleId :
A46N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	27.85 ug/L	1431660	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	81
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	74
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	58
4	Decane, 3-bromo-		220	C10H21Br	030571-71-2	58
5	10-Methylnonadecane		282	C20H42	056862-62-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

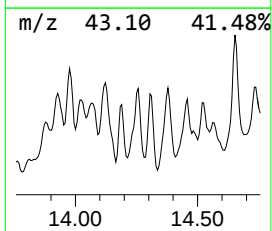
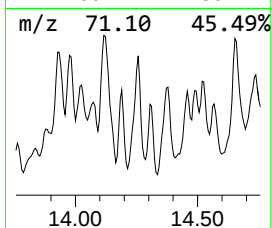
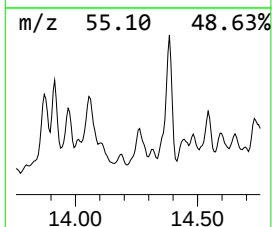
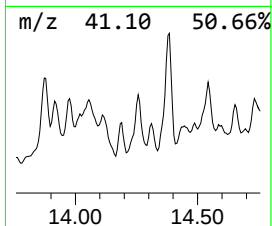
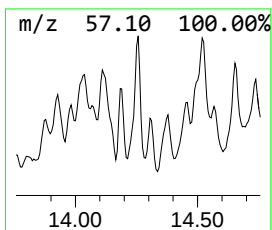
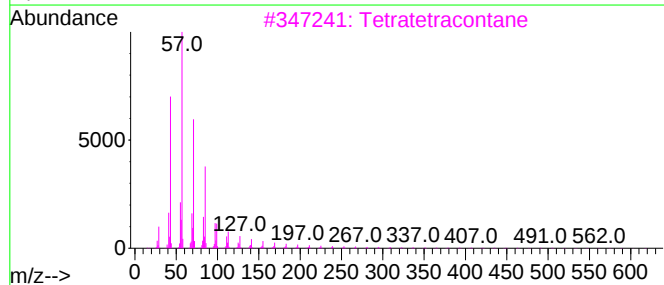
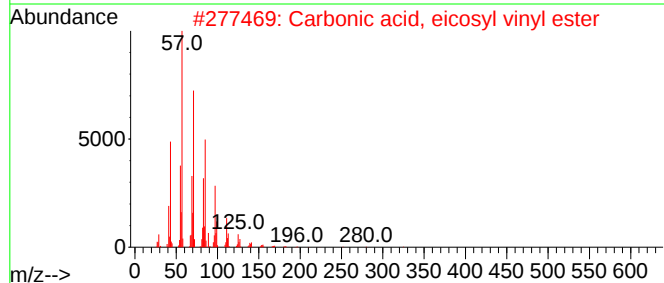
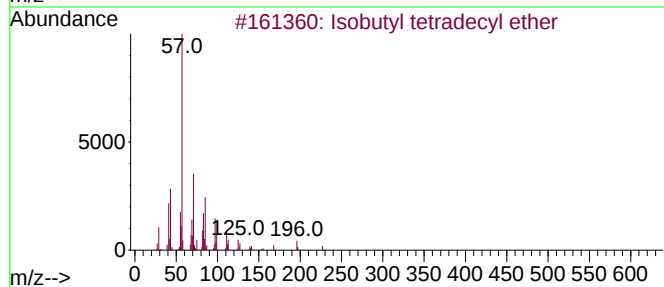
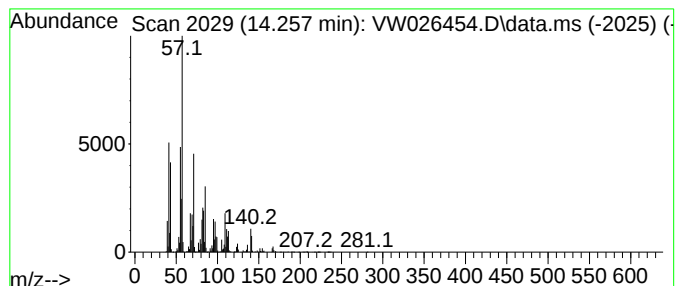
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Quant Title : SFAM01.0

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

Peak Number 28 Isobutyl tetradecyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	55.15 ug/L	2834480	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl tetradecyl ether	270	C18H38O	1000406-32-7	50
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	50
3			Tetratetracontane	619	C44H90	007098-22-8	43
4			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	43
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

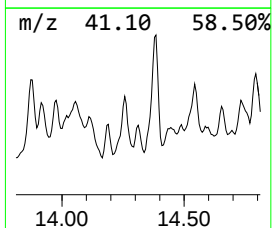
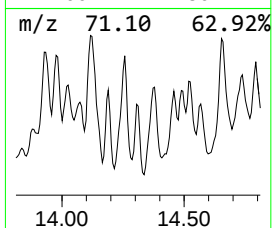
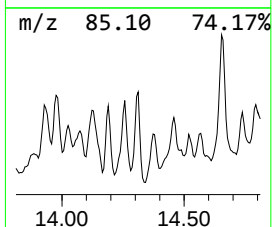
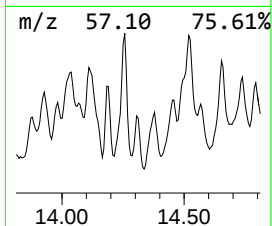
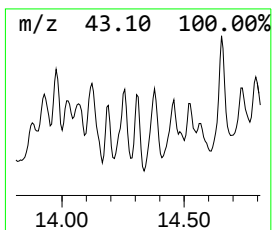
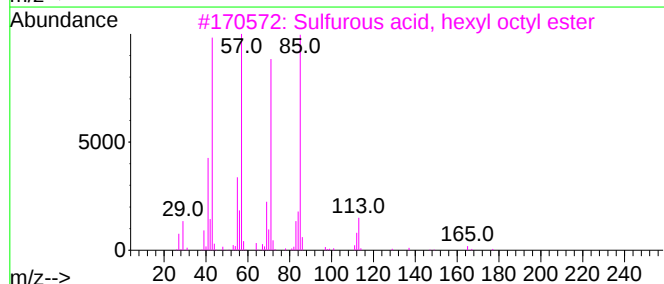
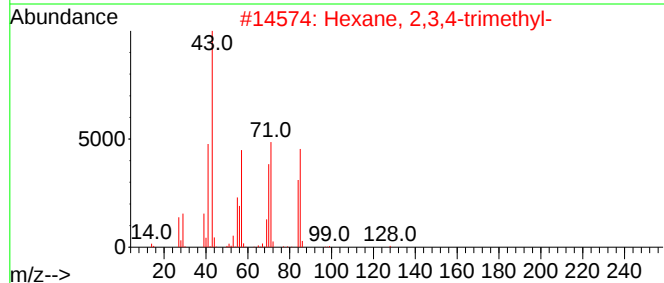
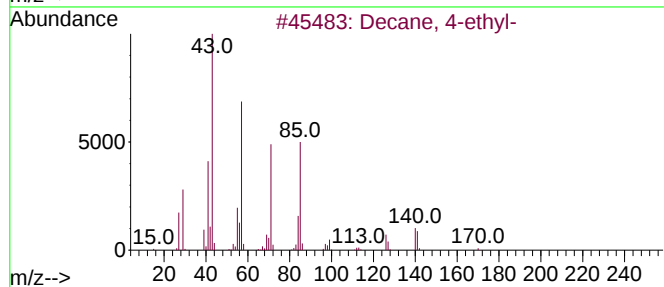
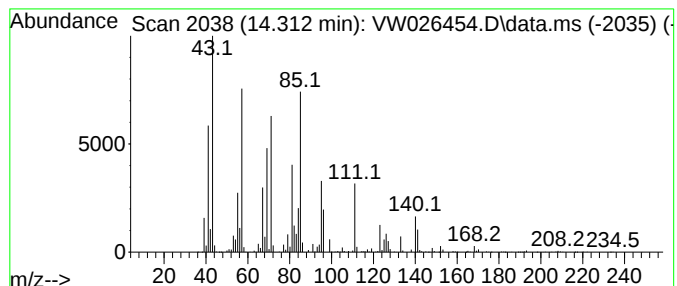
Instrument :
MSVOA_W
ClientSampleId :
A46N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.312	22.70 ug/L	1166720	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-		170	C12H26	001636-44-8	83
2	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	38
3	Sulfurous acid, hexyl octyl ester		278	C14H30O3S	1000309-13-0	38
4	Sulfurous acid, hexyl nonyl ester		292	C15H32O3S	1000309-13-1	38
5	Sulfurous acid, hexyl pentyl ester		236	C11H24O3S	1000309-14-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

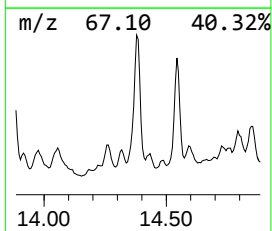
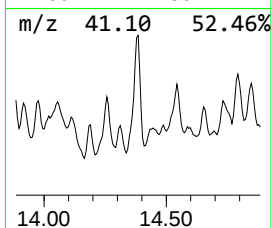
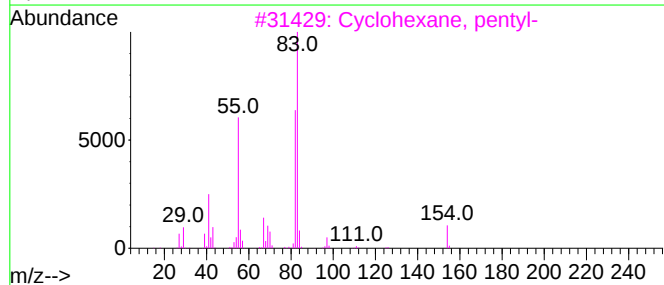
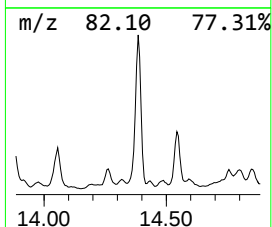
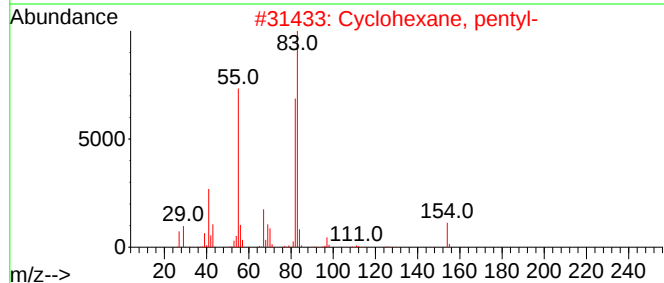
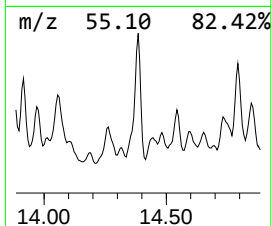
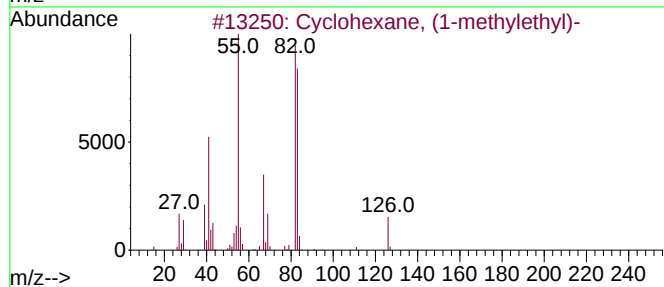
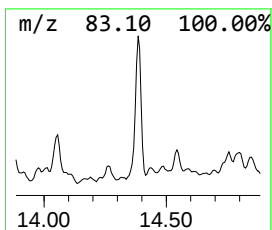
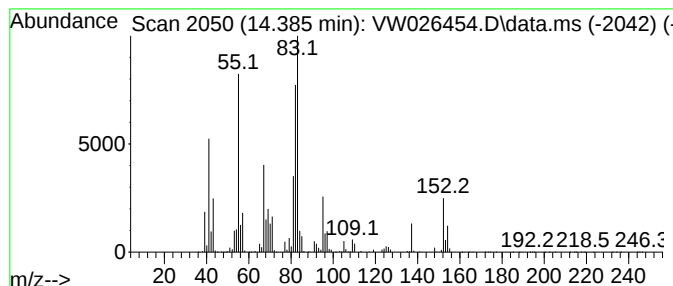
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic14.385 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	146.80 ug/L	7545580	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

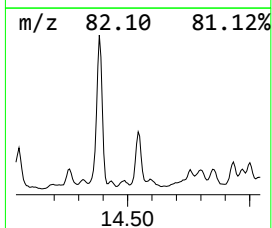
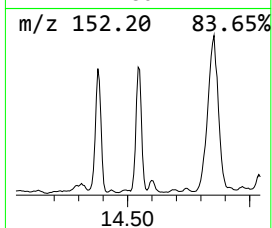
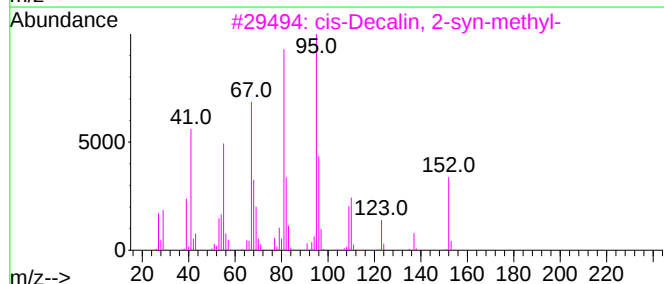
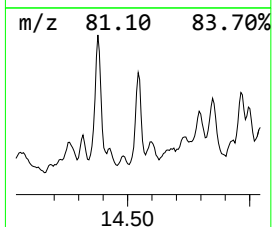
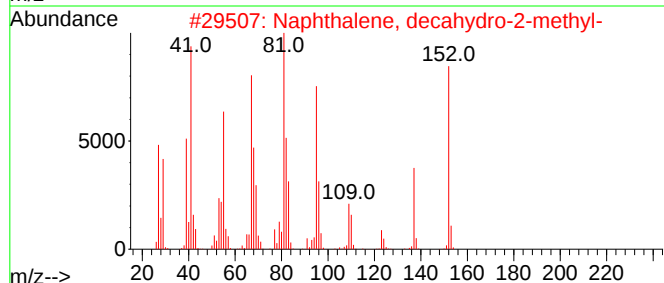
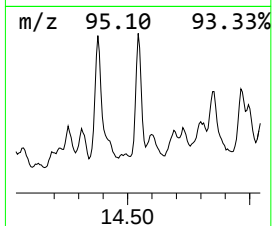
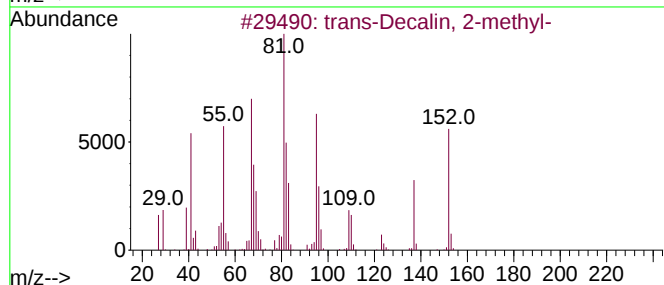
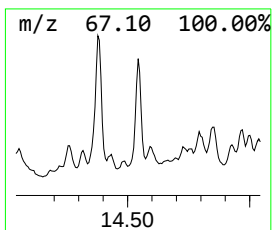
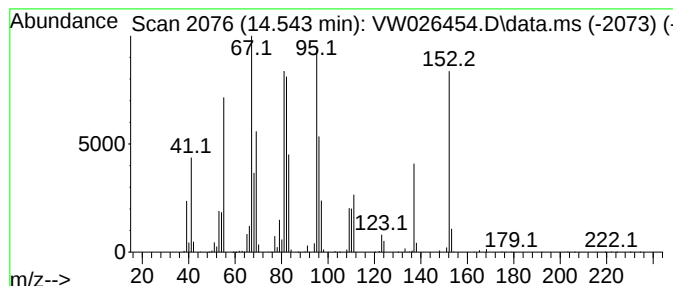
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Quant Title : SFAM01.0

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

Peak Number 31 trans-Decalin, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	49.69 ug/L	2554200	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			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	62
5			Spiro[5.5]undecane	152	C11H20	000180-43-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

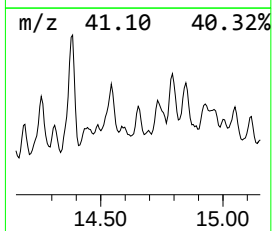
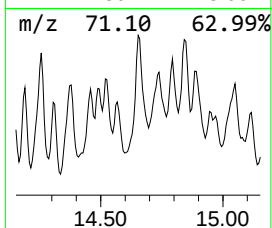
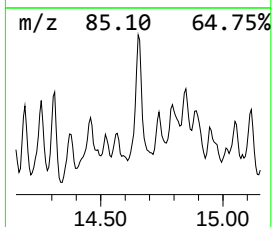
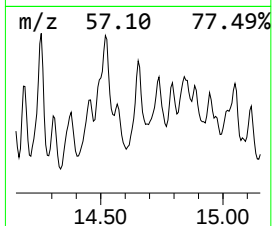
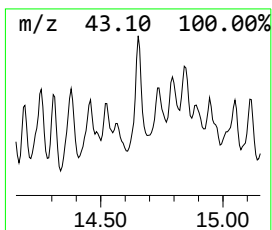
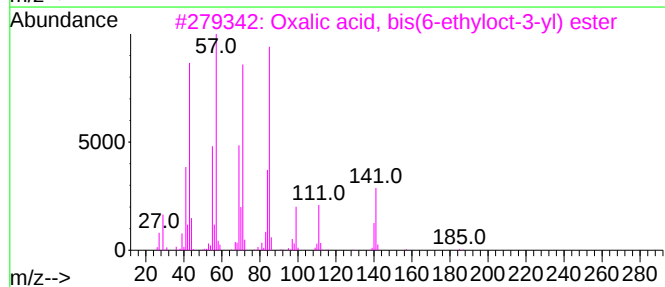
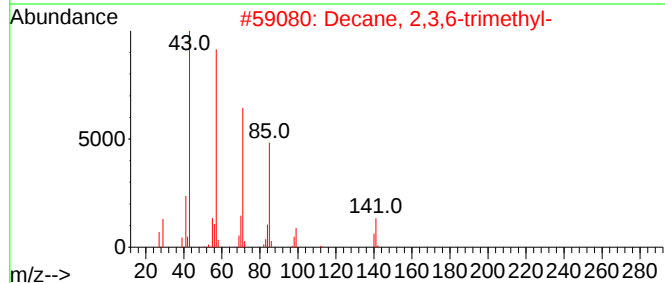
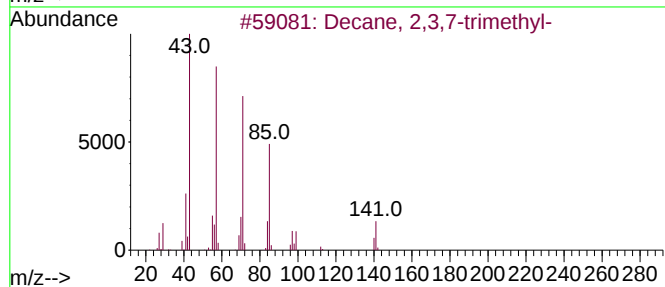
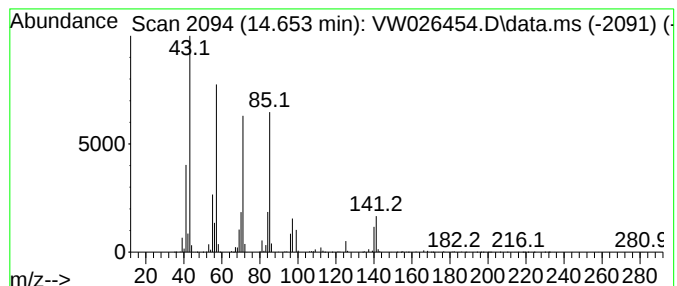
Instrument :
MSVOA_W
ClientSampleId :
A46N9

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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.653	22.90 ug/L	1176930	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	86
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
3	Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	72
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

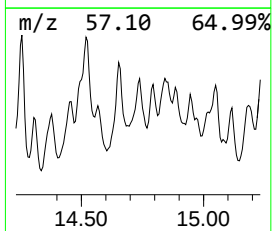
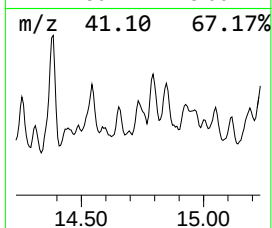
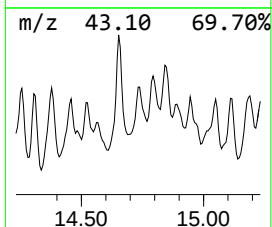
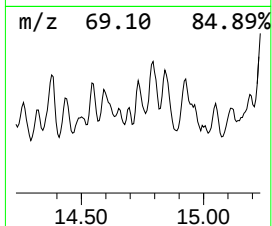
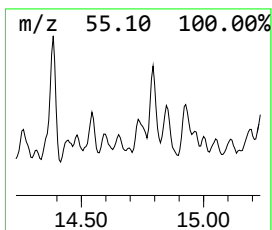
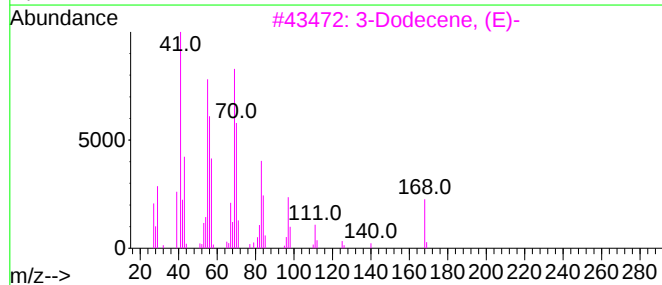
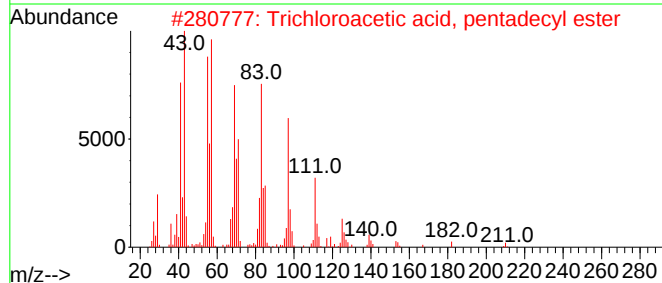
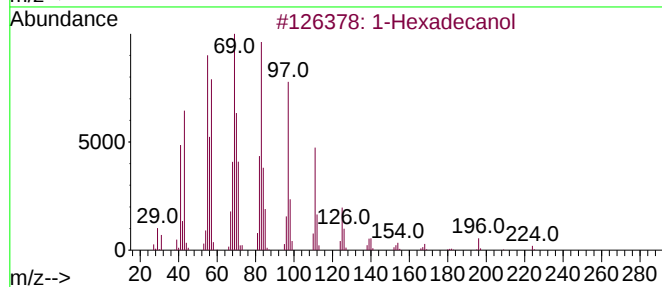
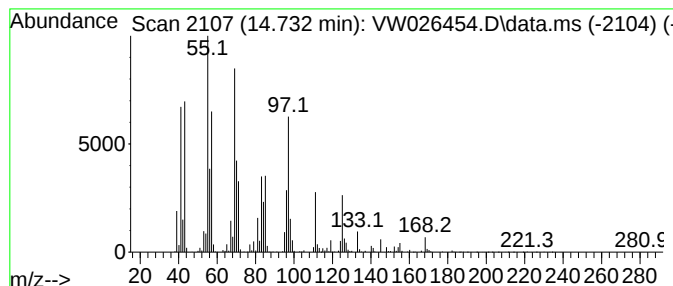
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 33 1-Hexadecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.732	40.28 ug/L	2070170	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	80
2	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	64
3	3-Dodecene, (E)-		168	C12H24	007206-14-6	60
4	6-Dodecene, (E)-		168	C12H24	007206-17-9	49
5	Cyclopentane, butyl-		126	C9H18	002040-95-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

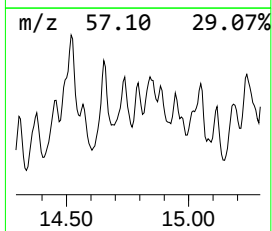
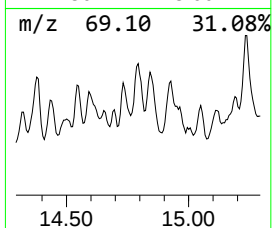
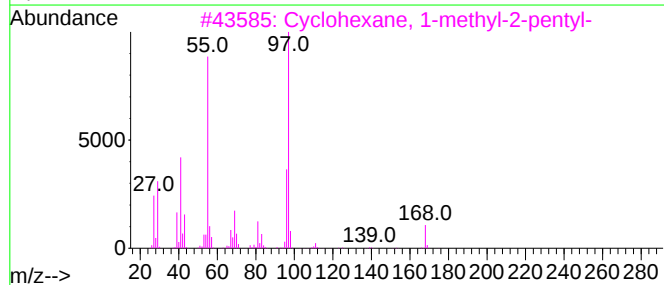
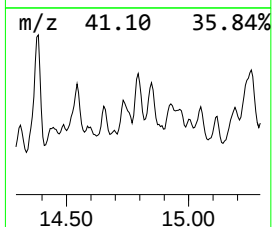
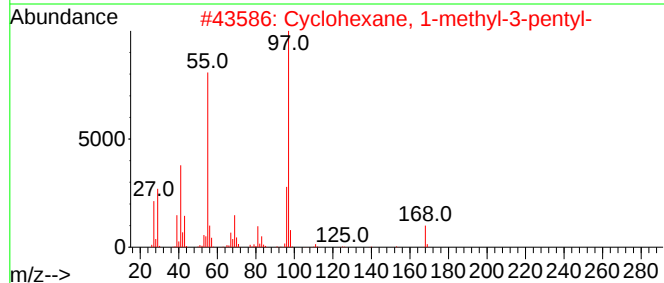
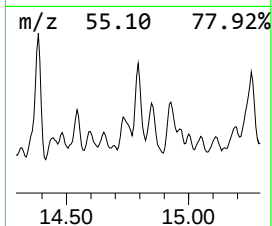
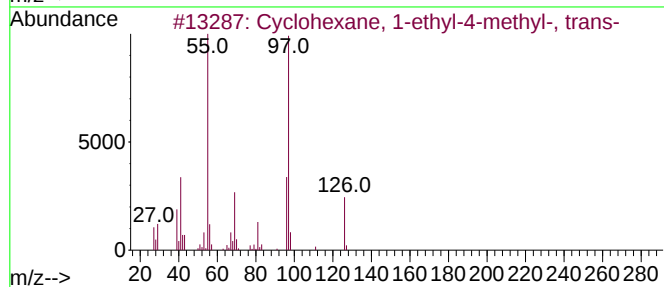
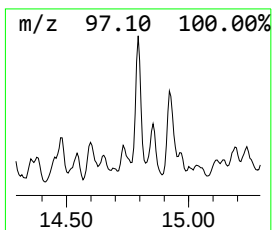
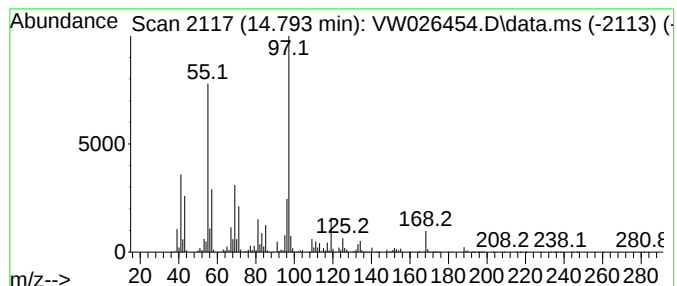
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Cyclic14.793 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	68.84 ug/L	3538200	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	62
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	62
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	58
5			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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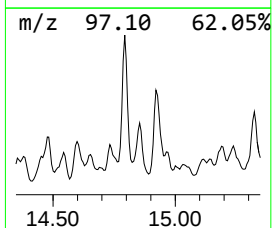
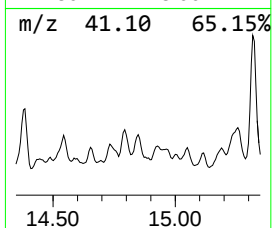
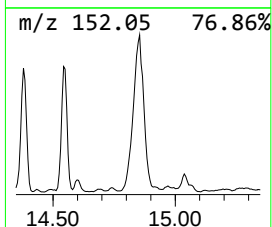
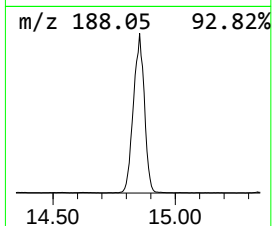
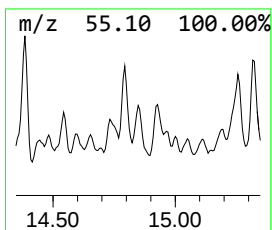
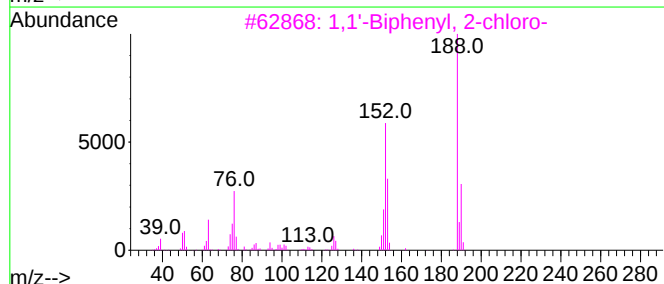
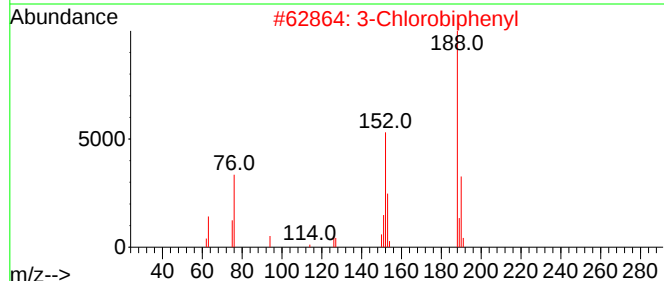
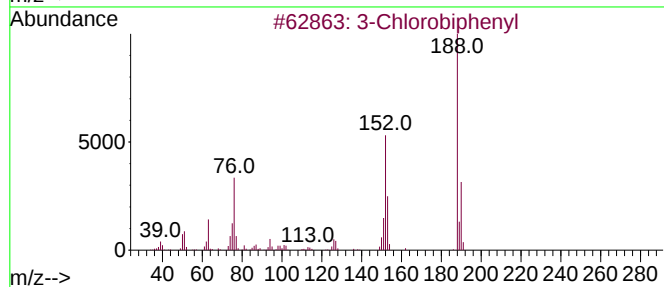
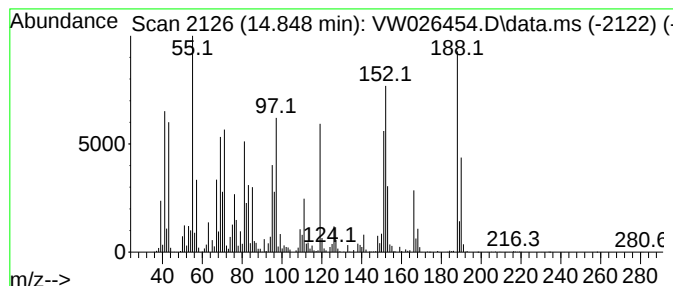
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Quant Title : SFAM01.0

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

Peak Number 35 3-Chlorobiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	115.51 ug/L	5936980	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	90
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	90
3			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	89
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	89
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

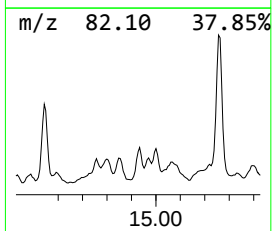
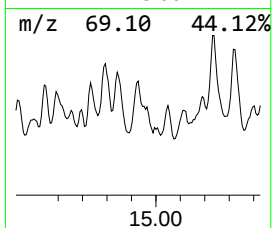
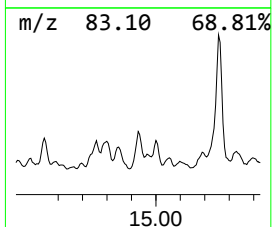
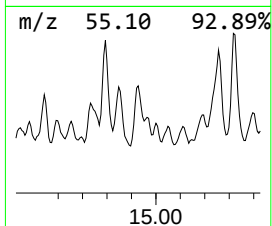
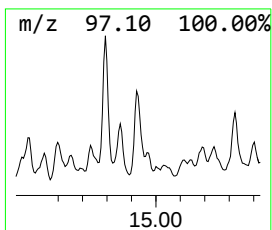
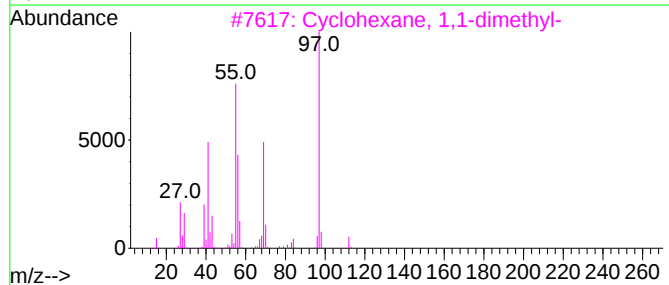
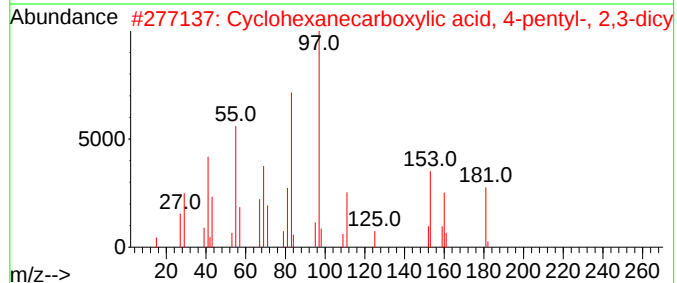
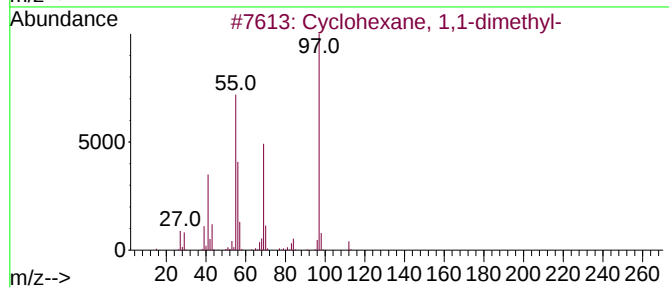
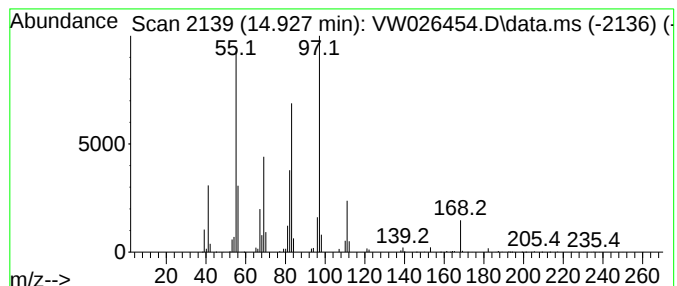
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Cyclic14.927 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	18.97 ug/L	975075	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	50
2			Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	50
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

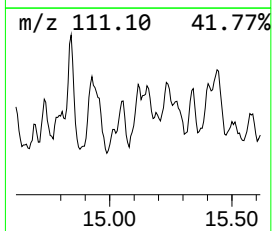
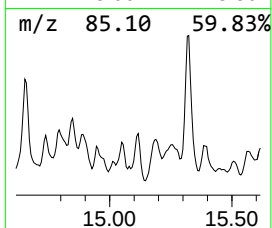
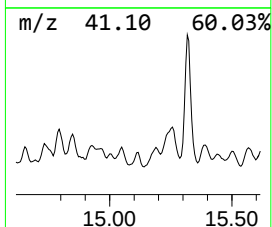
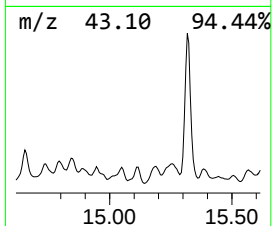
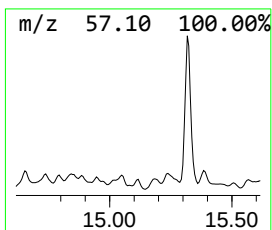
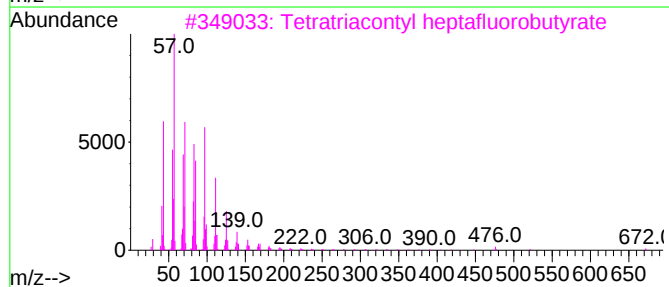
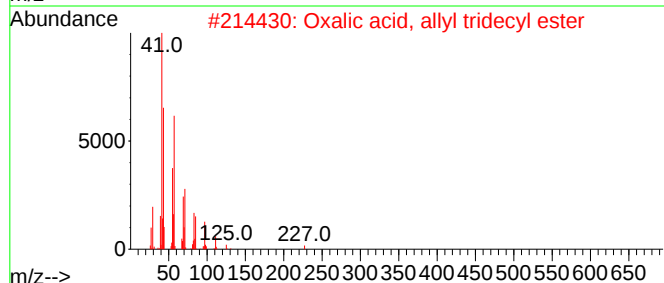
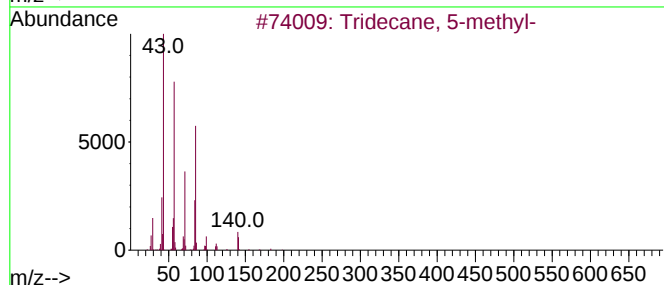
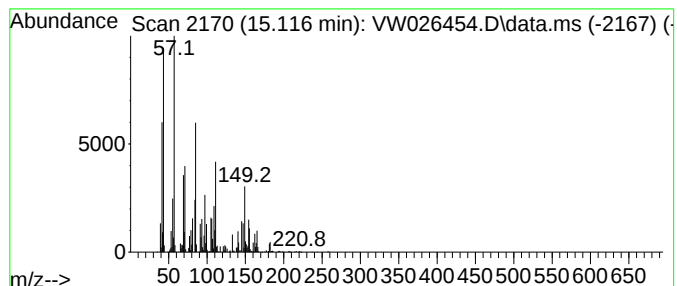
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	21.08 ug/L	1083490	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-methyl-	198	C14H30	025117-31-1	46
2			Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	27
3			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	22
4			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	22
5			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

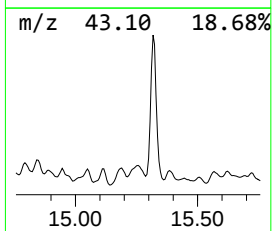
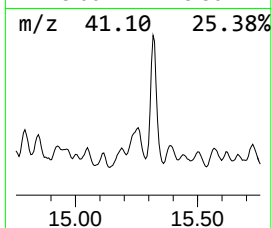
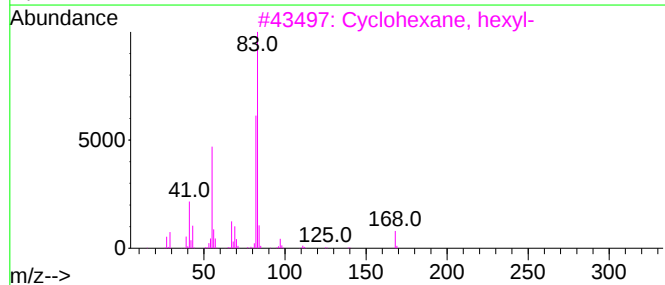
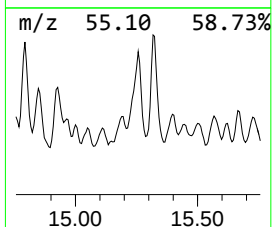
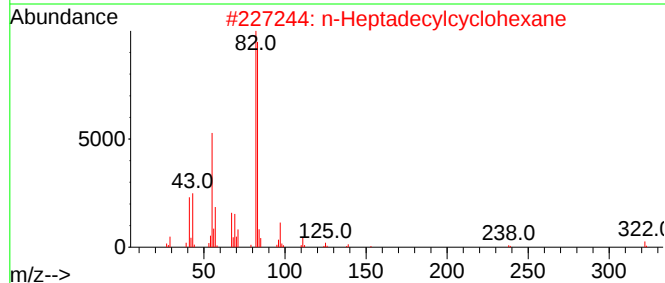
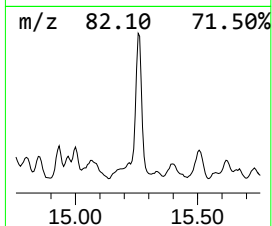
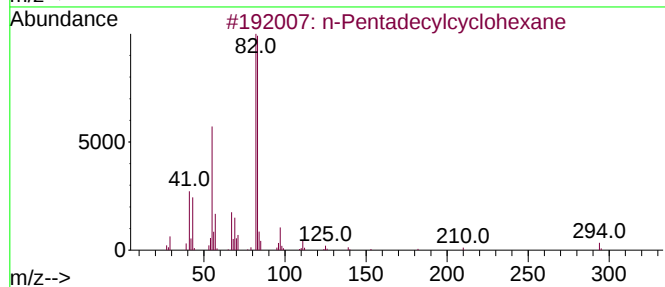
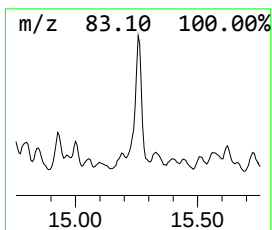
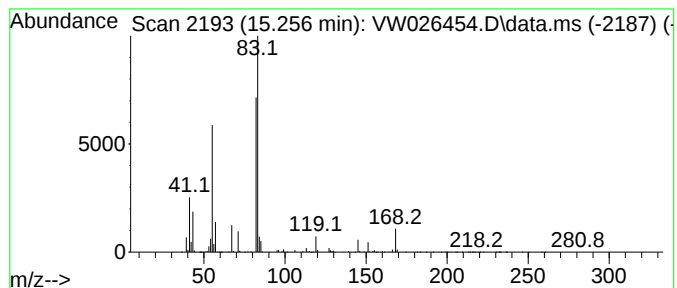
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Cyclic15.257 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	89.33 ug/L	4591540	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	72
2		n-Heptadecylcyclohexane	322	C23H46	019781-73-8	72
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	59
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

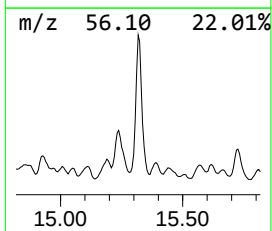
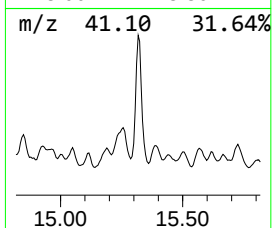
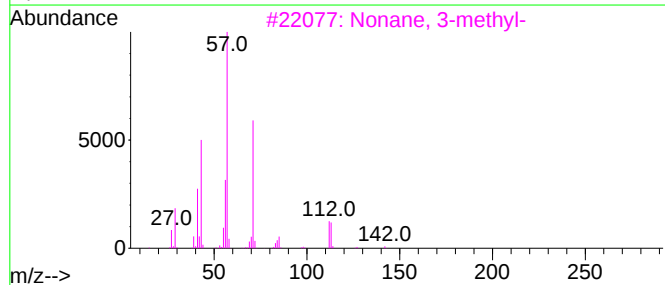
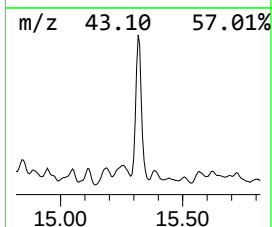
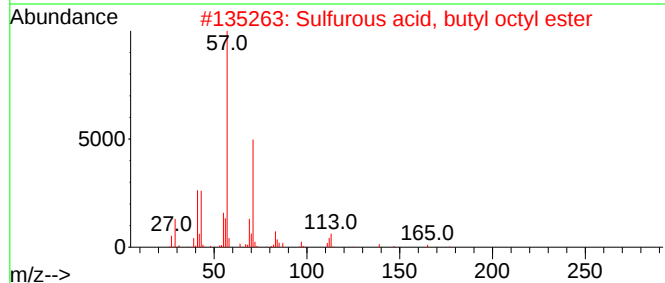
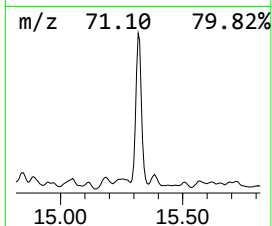
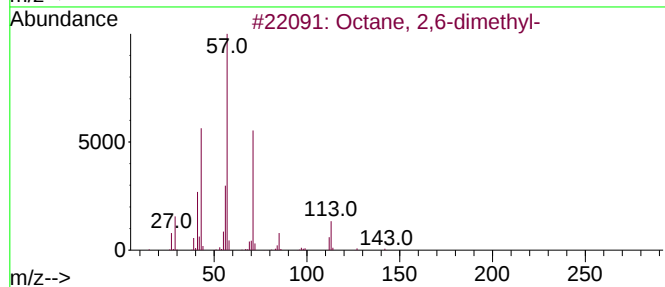
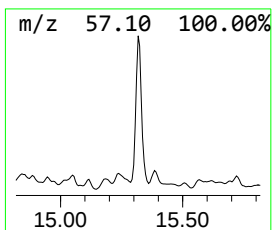
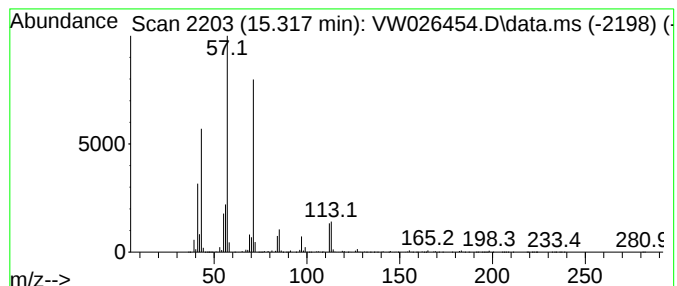
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	246.27 ug/L	12657900	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	83
2	Sulfurous acid, butyl octyl ester		250	C12H26O3S		1000309-17-5	78
3	Nonane, 3-methyl-		142	C10H22		005911-04-6	72
4	Sulfurous acid, dodecyl 2-ethylh...		362	C20H42O3S		1000309-19-5	72
5	Bacchotricuneatin c		342	C20H22O5		066563-30-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

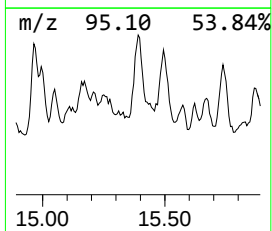
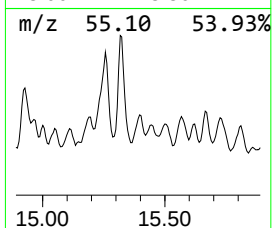
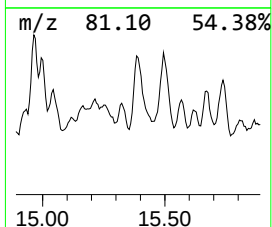
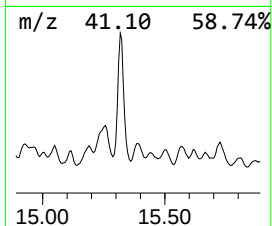
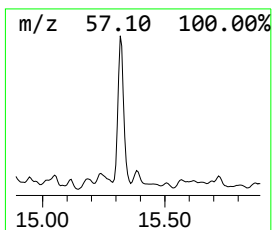
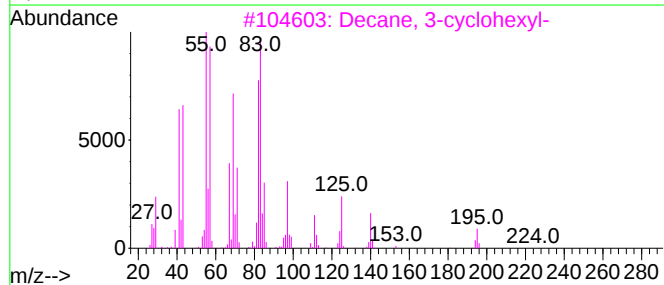
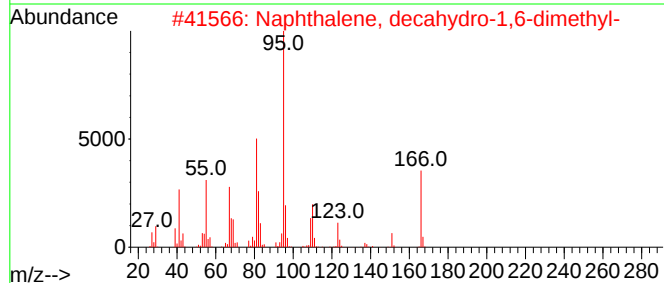
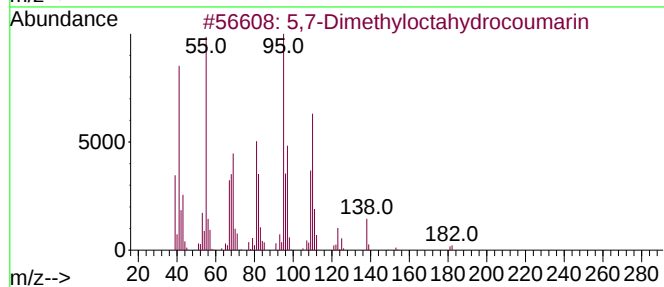
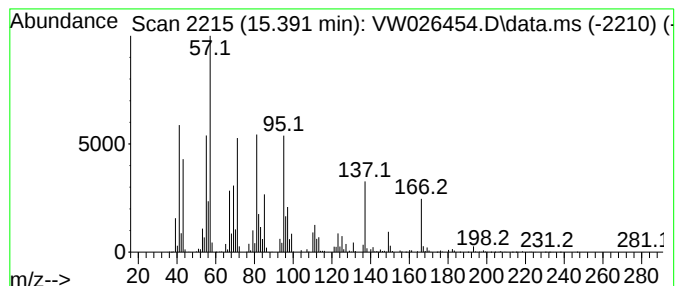
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	50.47 ug/L	2594220	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	38
2		Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	27
3		Decane, 3-cyclohexyl-	224	C16H32	013151-74-1	25
4		Isobutyl octacosyl ether	467	C32H66O	1000406-33-4	25
5		Tetratetracontane	619	C44H90	007098-22-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

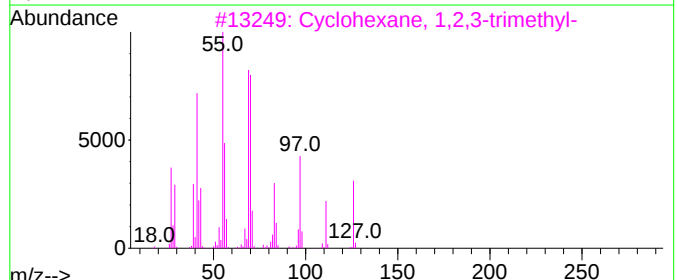
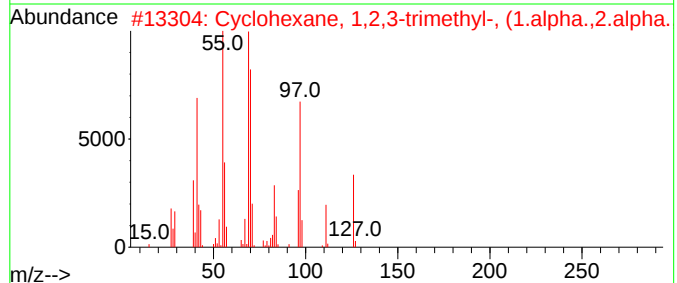
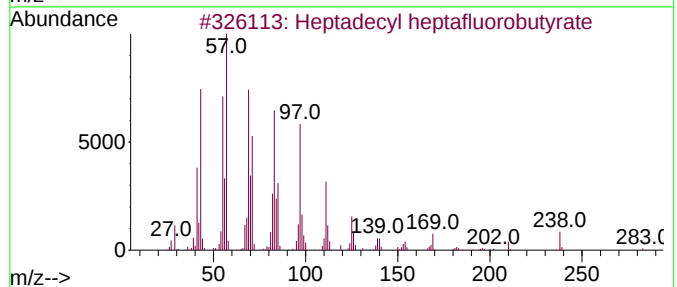
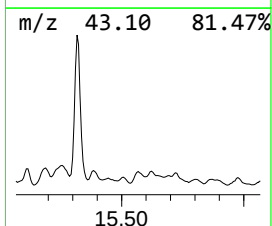
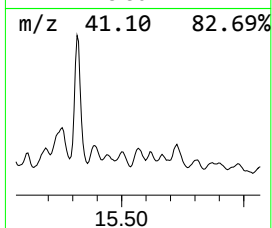
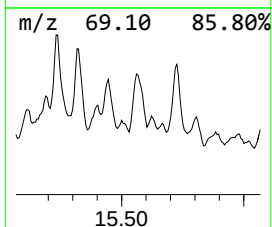
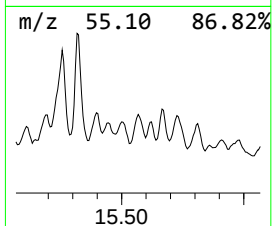
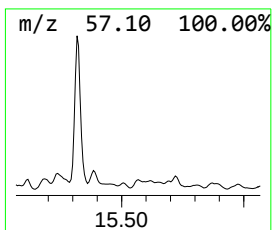
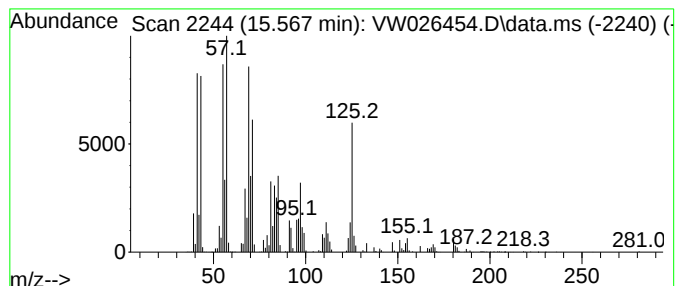
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Quant Title : SFAM01.0

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

Peak Number 41 Heptadecyl heptafluorobutyrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.567	39.57 ug/L	2033700	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	58
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	55
3			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
4			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	49
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

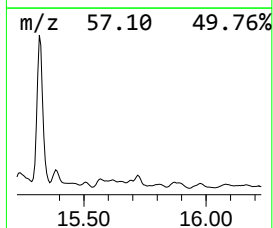
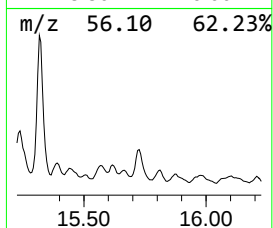
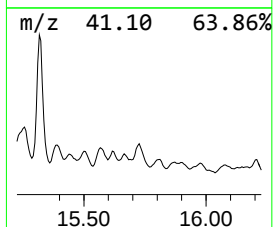
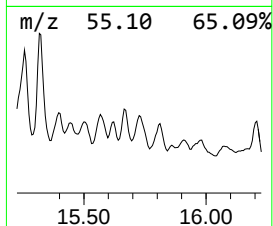
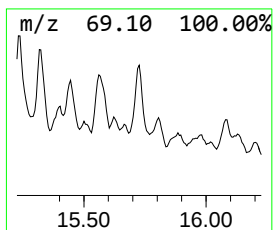
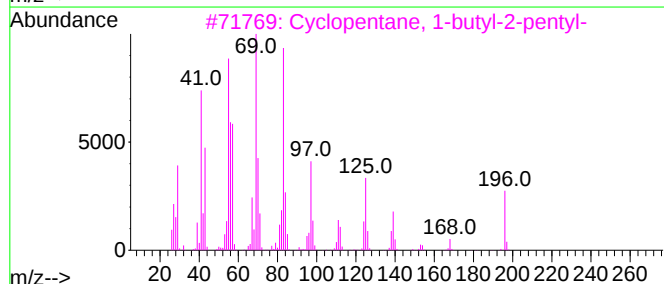
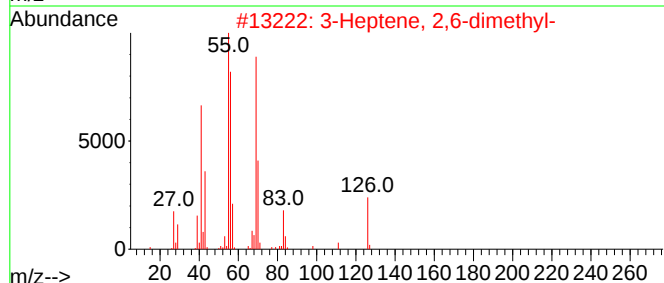
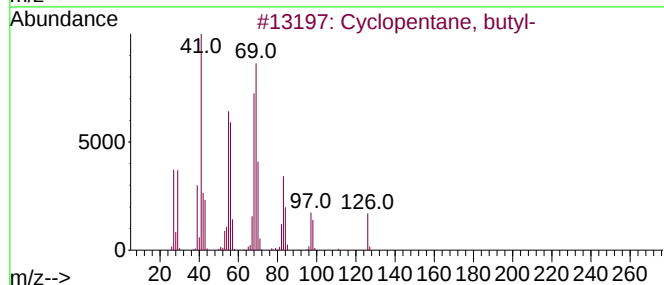
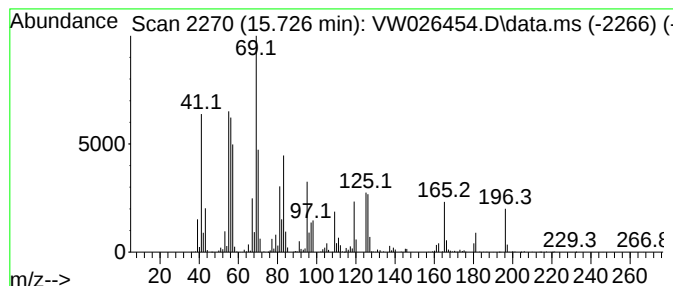
Instrument :
MSVOA_W
ClientSampleId :
A46N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Cyclic15.726 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.726	55.06 ug/L	2829980	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-		126	C9H18	002040-95-1	52
2	3-Heptene, 2,6-dimethyl-		126	C9H18	002738-18-3	47
3	Cyclopentane, 1-butyl-2-pentyl-		196	C14H28	061142-52-7	46
4	1-Octene, 7-methyl-		126	C9H18	013151-06-9	38
5	2-Methyl-2-octene		126	C9H18	016993-86-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

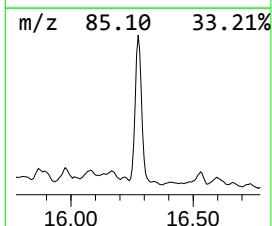
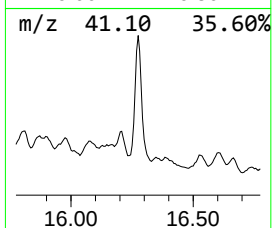
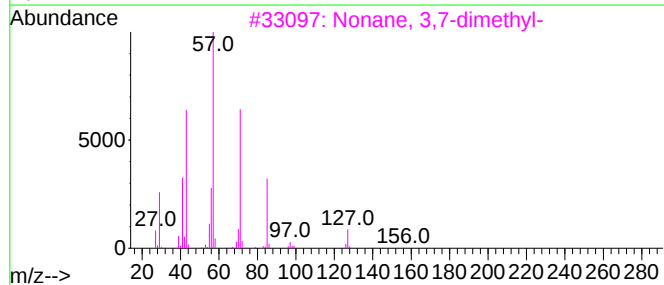
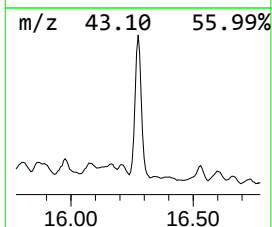
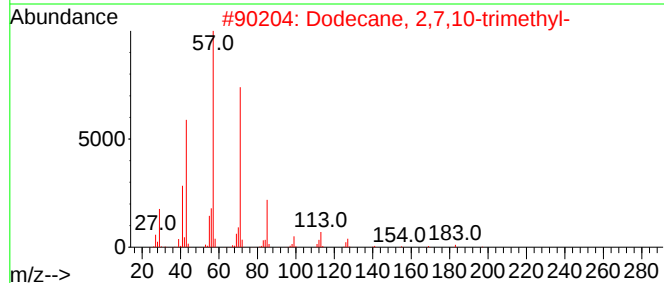
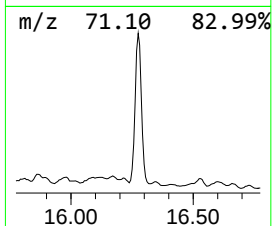
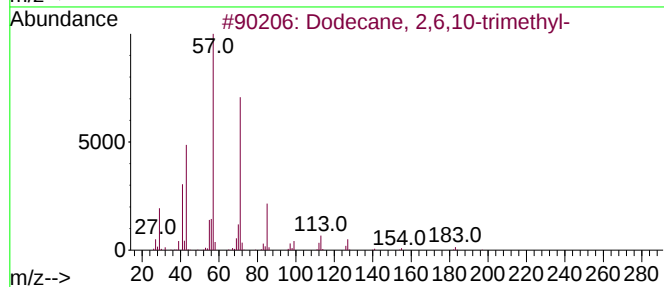
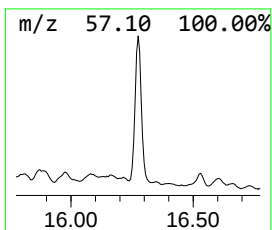
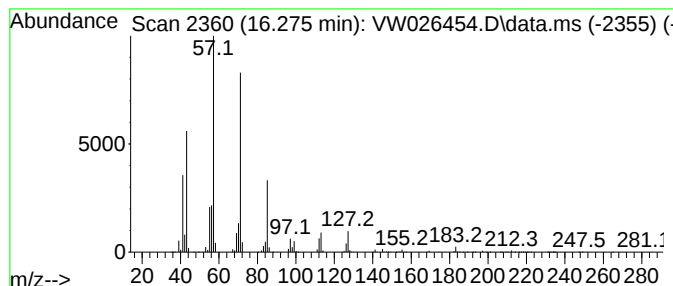
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	145.95 ug/L	7501750	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	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026454.D
Acq On : 30 Jun 2023 00:03
Operator : SY/MD
Sample : 03452-11
Misc : 4.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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...	11.038	1.6	ug/L	133301	2	11.629	2024000	25.0
(DEL) Alkane: C...	11.227	2.3	ug/L	187355	2	11.629	2024000	25.0
(DEL) Alkane: S...	11.336	2.5	ug/L	202474	2	11.629	2024000	25.0
(DEL) Alkane: S...	11.507	2.0	ug/L	160132	2	11.629	2024000	25.0
Oxazole, 4-ethy...	11.812	1.4	ug/L	111332	2	11.629	2024000	25.0
(DEL) Alkane: C...	11.873	4.1	ug/L	329099	2	11.629	2024000	25.0
Oxalic acid, bu...	12.062	2.0	ug/L	162015	2	11.629	2024000	25.0
(DEL) Alkane: C...	12.135	7.5	ug/L	606383	2	11.629	2024000	25.0
(DEL) Alkane: S...	12.251	12.2	ug/L	986919	2	11.629	2024000	25.0
(DEL) Alkane: S...	12.361	24.2	ug/L	1959320	2	11.629	2024000	25.0
(DEL) Alkane: S...	12.592	3.5	ug/L	180686	3	13.556	1284980	25.0
(DEL) Alkane: C...	12.775	16.9	ug/L	870433	3	13.556	1284980	25.0
(DEL) Alkane: C...	12.855	14.5	ug/L	745939	3	13.556	1284980	25.0
(DEL) Alkane: C...	12.934	53.8	ug/L	2764510	3	13.556	1284980	25.0
(DEL) Alkane: S...	12.989	16.9	ug/L	865911	3	13.556	1284980	25.0
(DEL) Alkane: S...	13.074	16.3	ug/L	838635	3	13.556	1284980	25.0
5-Octen-4-one, ...	13.123	13.6	ug/L	699759	3	13.556	1284980	25.0
(DEL) Alkane: S...	13.165	14.5	ug/L	746214	3	13.556	1284980	25.0
(DEL) Alkane: S...	13.287	39.9	ug/L	2049120	3	13.556	1284980	25.0
(DEL) Alkane: S...	13.342	37.1	ug/L	1907670	3	13.556	1284980	25.0
(DEL) Alkane: C...	13.446	80.2	ug/L	4122890	3	13.556	1284980	25.0
(DEL) Alkane: S...	13.482	30.4	ug/L	1561000	3	13.556	1284980	25.0
(DEL) Alkane: C...	13.696	46.2	ug/L	2375970	3	13.556	1284980	25.0
Sulfurous acid,...	13.915	44.9	ug/L	2307020	3	13.556	1284980	25.0
(DEL) Alkane: C...	13.976	36.3	ug/L	1863250	3	13.556	1284980	25.0
(DEL) Alkane: S...	14.190	27.9	ug/L	1431660	3	13.556	1284980	25.0
Isobutyl tetrad...	14.257	55.1	ug/L	2834480	3	13.556	1284980	25.0
(DEL) Alkane: S...	14.312	22.7	ug/L	1166720	3	13.556	1284980	25.0
(DEL) Alkane: C...	14.385	146.8	ug/L	7545580	3	13.556	1284980	25.0
trans-Decalin, ...	14.543	49.7	ug/L	2554200	3	13.556	1284980	25.0
(DEL) Alkane: S...	14.653	22.9	ug/L	1176930	3	13.556	1284980	25.0
1-Hexadecanol	14.732	40.3	ug/L	2070170	3	13.556	1284980	25.0
(DEL) Alkane: C...	14.793	68.8	ug/L	3538200	3	13.556	1284980	25.0
3-Chlorobiphenyl	14.848	115.5	ug/L	5936980	3	13.556	1284980	25.0
(DEL) Alkane: C...	14.927	19.0	ug/L	975075	3	13.556	1284980	25.0
(DEL) Alkane: S...	15.116	21.1	ug/L	1083490	3	13.556	1284980	25.0
(DEL) Alkane: C...	15.257	89.3	ug/L	4591540	3	13.556	1284980	25.0
(DEL) Alkane: S...	15.318	246.3	ug/L	12657900	3	13.556	1284980	25.0
unknown-01	15.391	50.5	ug/L	2594220	3	13.556	1284980	25.0
Heptadecyl hept...	15.567	39.6	ug/L	2033700	3	13.556	1284980	25.0
(DEL) Alkane: C...	15.726	55.1	ug/L	2829980	3	13.556	1284980	25.0
(DEL) Alkane: S...	16.275	145.9	ug/L	7501750	3	13.556	1284980	25.0