

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026496.D
 Acq On : 01 Jul 2023 01:36
 Operator : SY/MD
 Sample : 03444-17
 Misc : 4.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X8

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: VW026496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	50	59	60	rBV9	7800	19814	0.12%	0.016%
2	2.357	71	77	87	rVB	77294	167621	1.05%	0.135%
3	2.497	98	100	103	rVB4	3917	3681	0.02%	0.003%
4	2.619	117	120	121	rBV3	3581	3703	0.02%	0.003%
5	2.893	158	165	179	rBV	66779	200766	1.26%	0.162%
6	4.015	337	349	359	rBV	148802	402582	2.52%	0.325%
7	4.118	359	366	377	rVV	63184	177362	1.11%	0.143%
8	4.375	401	408	421	rBV2	6885	22924	0.14%	0.019%
9	4.527	428	433	435	rBV5	1750	3421	0.02%	0.003%
10	4.911	487	496	508	rBV3	14388	49163	0.31%	0.040%
11	5.021	511	514	518	rVB6	2905	4664	0.03%	0.004%
12	5.423	575	580	584	rBV7	3509	7537	0.05%	0.006%
13	6.222	707	711	715	rBV7	2243	3655	0.02%	0.003%
14	6.990	834	837	842	rVB6	2685	5620	0.04%	0.005%
15	7.075	844	851	860	rBV	50797	144346	0.90%	0.117%
16	7.167	861	866	876	rVB2	24522	65233	0.41%	0.053%
17	7.648	935	945	956	rBV	235279	566765	3.55%	0.458%
18	7.941	982	993	1003	rBV	10152	45106	0.28%	0.036%
19	8.026	1003	1007	1009	rBV5	5212	6153	0.04%	0.005%
20	8.154	1019	1028	1035	rBV2	14736	35136	0.22%	0.028%
21	8.276	1038	1048	1063	rVV2	437403	1367750	8.56%	1.104%
22	8.416	1069	1071	1073	rBV3	3365	3641	0.02%	0.003%
23	8.569	1093	1096	1105	rVB10	8757	18484	0.12%	0.015%
24	8.691	1112	1116	1122	rVV9	4677	9112	0.06%	0.007%
25	8.843	1130	1141	1151	rBV	554018	1120329	7.02%	0.905%
26	9.069	1173	1178	1180	rBV5	7073	11740	0.07%	0.009%
27	9.148	1189	1191	1197	rVB6	5672	6334	0.04%	0.005%
28	9.276	1204	1212	1218	rBV	322957	696786	4.36%	0.563%
29	9.331	1218	1221	1227	rVB2	57818	105095	0.66%	0.085%
30	9.514	1247	1251	1257	rVB7	6798	11740	0.07%	0.009%
31	9.611	1257	1267	1272	rBV5	14657	36479	0.23%	0.029%
32	9.752	1284	1290	1297	rBV3	20629	44014	0.28%	0.036%
33	9.892	1309	1313	1317	rBV2	15776	28610	0.18%	0.023%
34	9.953	1319	1323	1327	rBV	31889	56005	0.35%	0.045%
35	10.032	1331	1336	1342	rVV	134339	232587	1.46%	0.188%
36	10.087	1342	1345	1349	rVV3	26016	44159	0.28%	0.036%

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

37	10.245	1368	1371	1376	rVB2	14574	24368	0.15%	0.020%
38	10.325	1376	1384	1391	rBV	761835	1433517	8.98%	1.157%
39	10.386	1391	1394	1401	rVB	46072	77832	0.49%	0.063%
40	10.501	1407	1413	1419	rVB5	28807	67027	0.42%	0.054%

41	10.575	1419	1425	1434	rBV	103515	203573	1.27%	0.164%
42	10.660	1435	1439	1449	rVB4	26683	56618	0.35%	0.046%
43	10.758	1450	1455	1460	rBV5	23058	50329	0.32%	0.041%
44	10.843	1466	1469	1476	rVB	25845	38988	0.24%	0.031%
45	10.922	1476	1482	1490	rBV2	268671	519455	3.25%	0.419%

46	11.038	1496	1501	1508	rVB	41406	78717	0.49%	0.064%
47	11.105	1509	1512	1515	rBV4	19790	26653	0.17%	0.022%
48	11.178	1520	1524	1528	rVV	47179	70410	0.44%	0.057%
49	11.227	1528	1532	1537	rVV	97630	161874	1.01%	0.131%
50	11.337	1545	1550	1554	rBV3	76893	133647	0.84%	0.108%

51	11.507	1574	1578	1590	rVB	130631	226788	1.42%	0.183%
52	11.629	1591	1598	1606	rBV	870924	1465939	9.18%	1.184%
53	11.763	1617	1620	1623	rBV2	27853	31624	0.20%	0.026%
54	11.818	1623	1629	1633	rBV6	55931	126913	0.79%	0.102%
55	11.873	1633	1638	1642	rVV	157532	290011	1.82%	0.234%

56	11.916	1642	1645	1650	rVB	99359	151311	0.95%	0.122%
57	11.971	1650	1654	1656	rBV3	28893	48251	0.30%	0.039%
58	12.056	1664	1668	1673	rVB3	101763	178954	1.12%	0.144%
59	12.135	1674	1681	1687	rBV4	331801	775082	4.85%	0.626%
60	12.251	1695	1700	1704	rVB	460732	754199	4.72%	0.609%

61	12.361	1704	1718	1726	rBV4	525806	2063550	12.92%	1.666%
62	12.495	1734	1740	1750	rVB3	300001	780738	4.89%	0.630%
63	12.617	1752	1760	1765	rVB5	215647	598117	3.75%	0.483%
64	12.690	1765	1772	1777	rBV3	482759	1104238	6.91%	0.892%
65	12.775	1782	1786	1792	rVB3	521626	981973	6.15%	0.793%

66	12.855	1792	1799	1802	rBV4	401057	791600	4.96%	0.639%
67	12.934	1804	1812	1817	rBV3	1172483	3166712	19.83%	2.557%
68	13.074	1831	1835	1839	rBV	684838	887854	5.56%	0.717%
69	13.123	1839	1843	1846	rBV3	534550	921082	5.77%	0.744%
70	13.160	1846	1849	1854	rVV3	528287	911648	5.71%	0.736%

71	13.220	1856	1859	1863	rVB2	524777	788573	4.94%	0.637%
72	13.288	1863	1870	1874	rBV	1144826	1924312	12.05%	1.554%
73	13.336	1874	1878	1882	rBV	827878	1243602	7.79%	1.004%
74	13.446	1887	1896	1899	rVV6	1874915	4107805	25.72%	3.317%
75	13.477	1899	1901	1907	rVB4	785495	1188257	7.44%	0.959%

76	13.556	1910	1914	1916	rBV2	394181	579420	3.63%	0.468%
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 Title : SFAM01.0

77	13.592	1917	1920	1926	rVB3	577453	905199	5.67%	0.731%
78	13.696	1931	1937	1942	rBV5	849342	1841371	11.53%	1.487%
79	13.873	1960	1966	1970	rBV3	3210630	5812055	36.40%	4.693%
80	13.915	1970	1973	1978	rVB3	1557631	2300118	14.40%	1.857%
81	13.976	1979	1983	1986	rBV2	1546562	2241839	14.04%	1.810%
82	14.019	1987	1990	1993	rBV4	612869	1097274	6.87%	0.886%
83	14.190	2014	2018	2022	rBV3	1208265	1927588	12.07%	1.556%
84	14.257	2025	2029	2035	rVV4	2039936	3362004	21.05%	2.715%
85	14.312	2035	2038	2042	rVB3	895936	1172517	7.34%	0.947%
86	14.379	2042	2049	2054	rBV3	5114766	9551741	59.81%	7.712%
87	14.489	2064	2067	2069	rBV3	724726	1011536	6.33%	0.817%
88	14.543	2070	2076	2081	rVV4	2674895	5458007	34.18%	4.407%
89	14.598	2081	2085	2089	rVB5	810007	1314297	8.23%	1.061%
90	14.653	2091	2094	2098	rVV	1059876	1372212	8.59%	1.108%
91	14.732	2103	2107	2112	rBV5	1212358	2291420	14.35%	1.850%
92	14.793	2112	2117	2120	rVV2	2852204	4999948	31.31%	4.037%
93	14.836	2120	2124	2131	rVB5	3571098	7781040	48.73%	6.283%
94	15.116	2167	2170	2173	rVB3	733669	872832	5.47%	0.705%
95	15.318	2198	2203	2210	rVB	9844683	15969257	100.00%	12.894%
96	15.391	2210	2215	2220	rBV4	1648656	3722619	23.31%	3.006%
97	15.568	2240	2244	2249	rBV5	952732	1906454	11.94%	1.539%
98	15.623	2250	2253	2255	rBV2	745038	1044219	6.54%	0.843%
99	15.720	2265	2269	2277	rVB3	2193635	4432244	27.75%	3.579%
100	16.275	2355	2360	2369	rVB	3463559	6701995	41.97%	5.411%

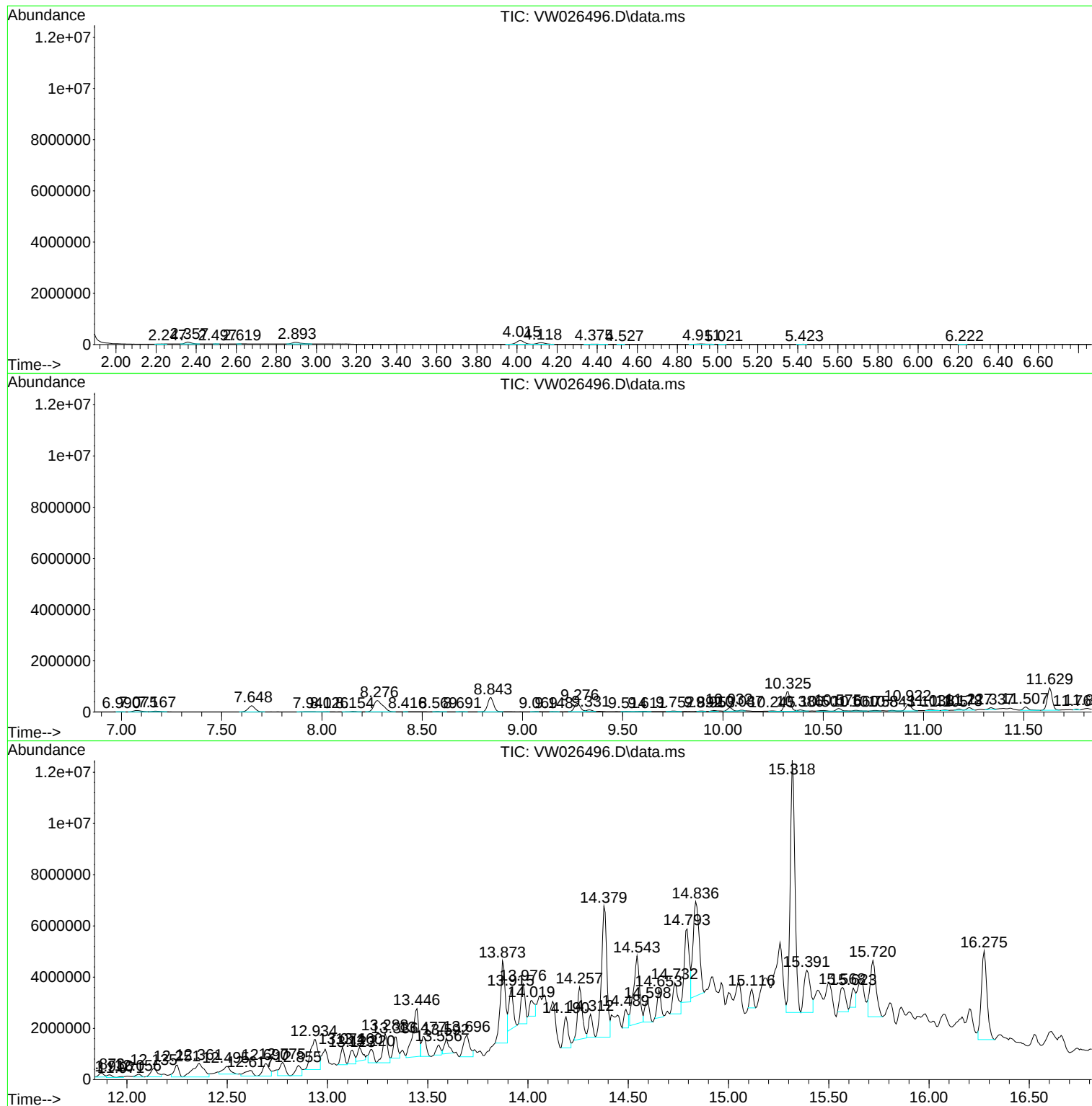
Sum of corrected areas: 123849464

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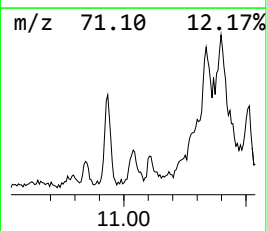
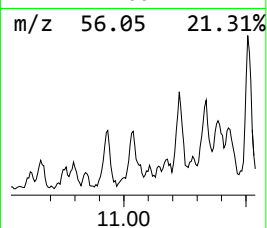
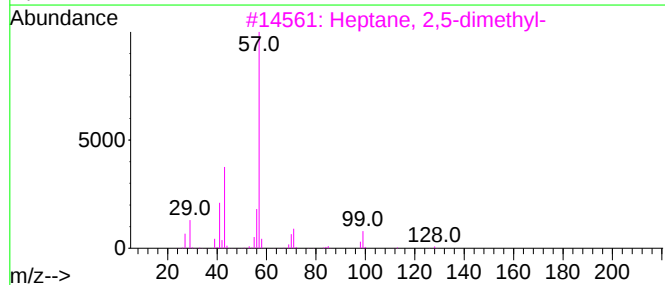
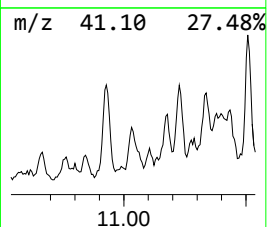
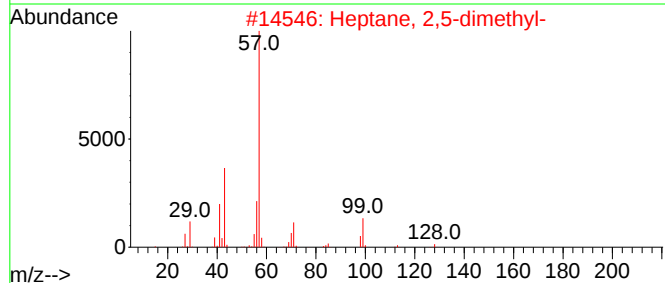
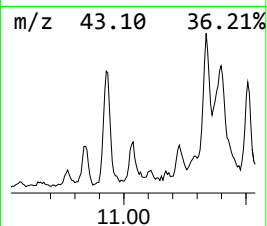
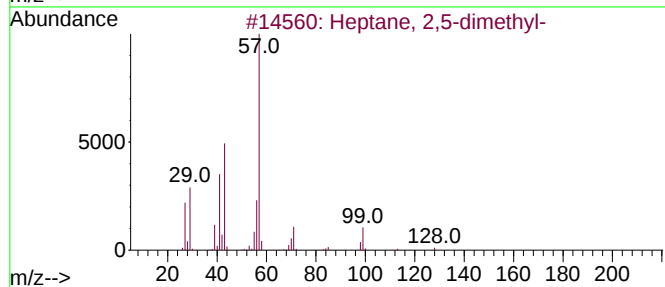
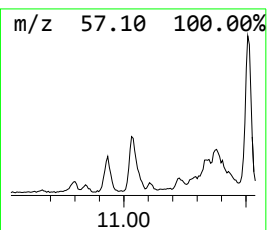
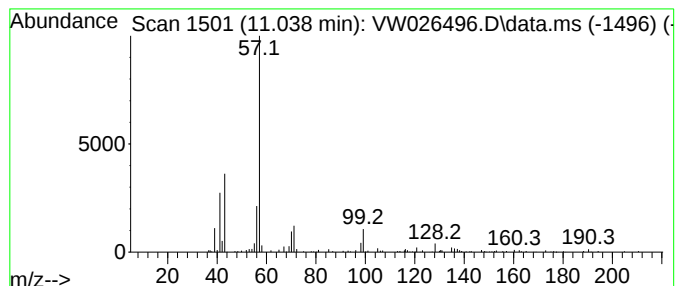
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	1.34 ug/L	78717	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59



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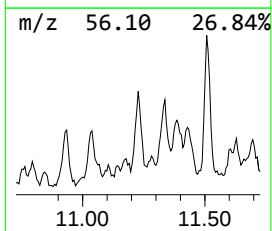
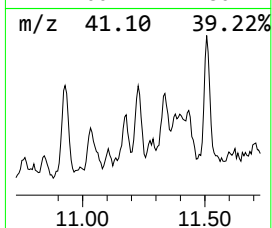
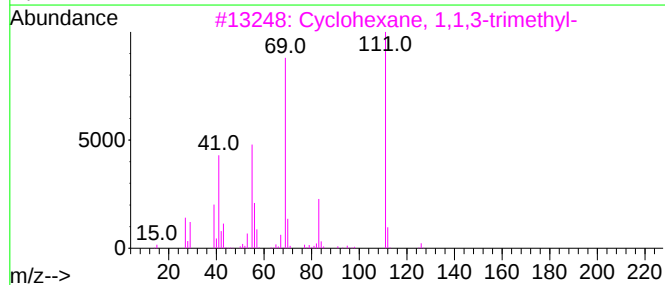
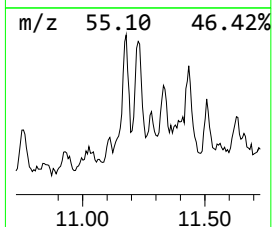
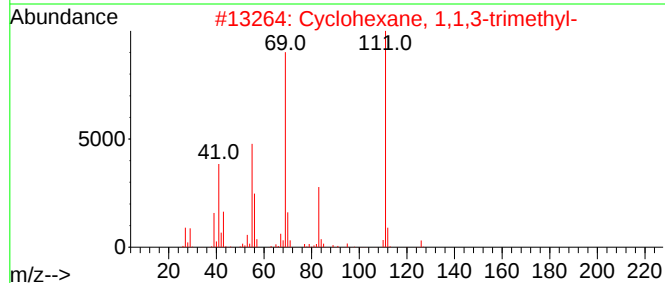
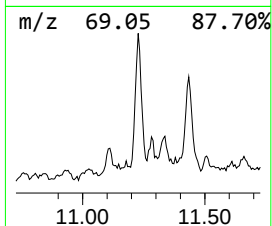
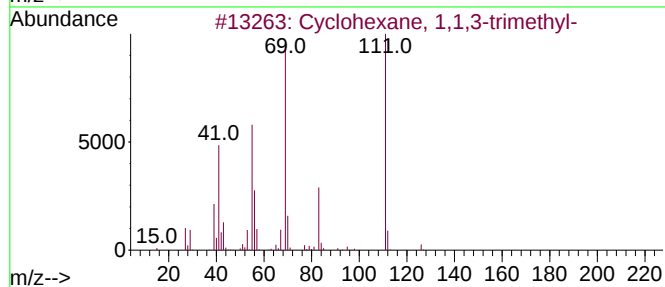
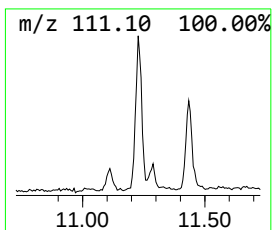
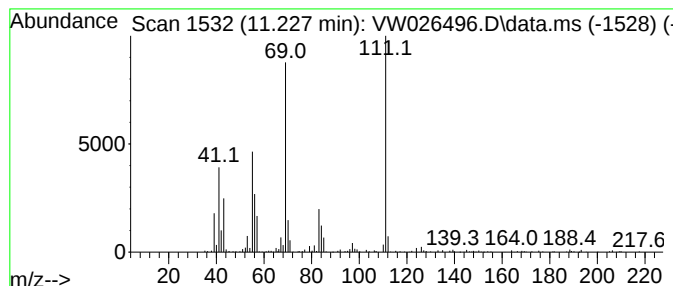
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.76 ug/L	161874	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64



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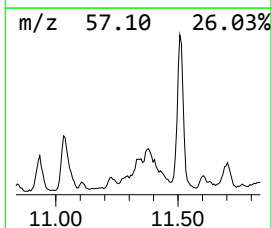
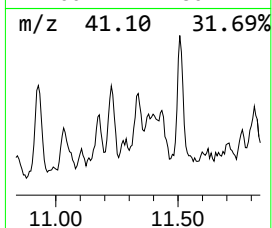
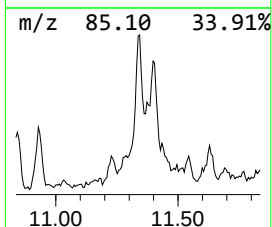
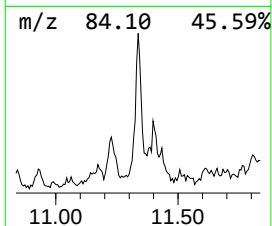
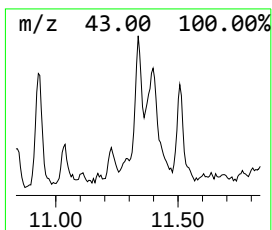
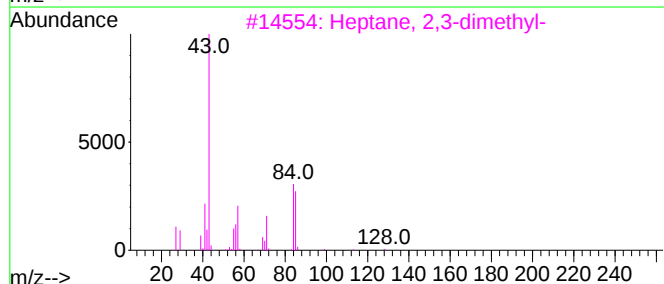
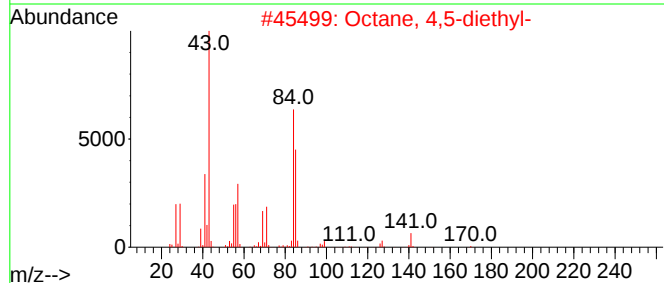
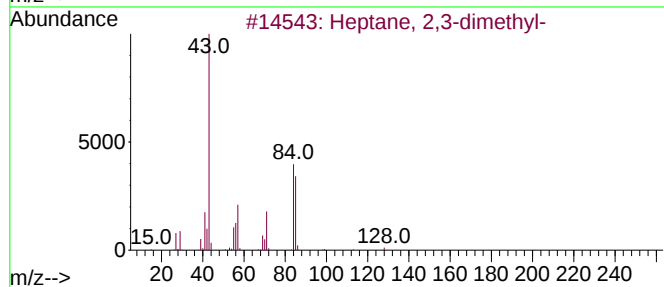
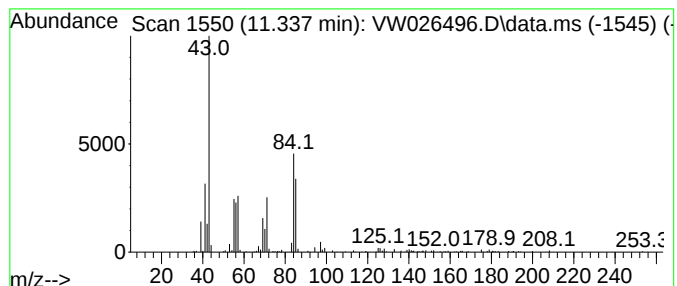
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ClientSampleId :
A46X8

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 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.337	2.28 ug/L	133647	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	72
2	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	64
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	64
4	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	59
5	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

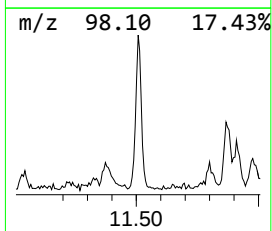
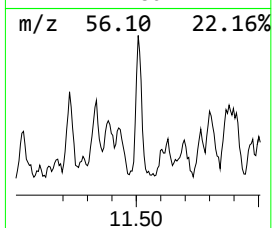
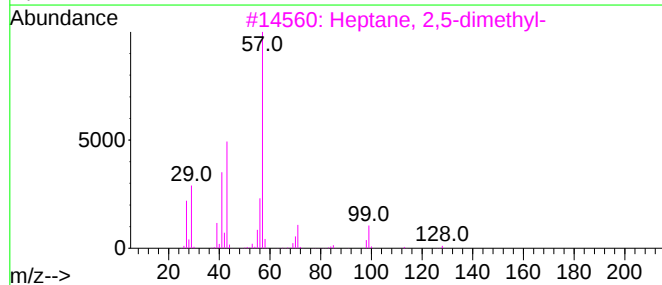
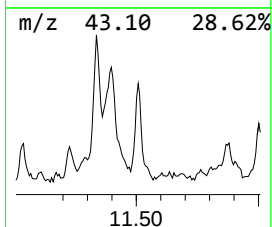
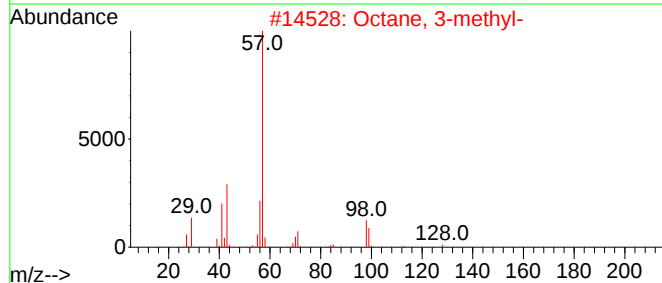
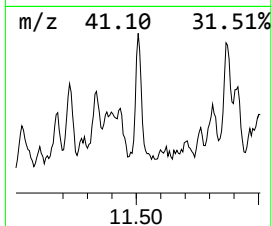
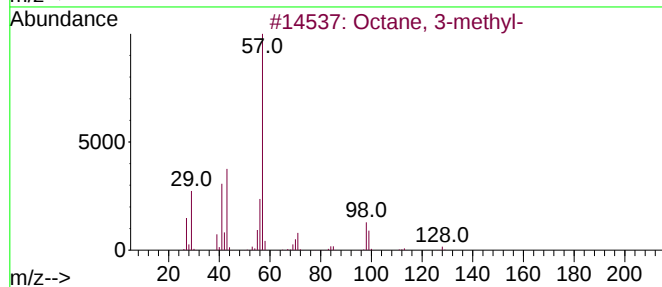
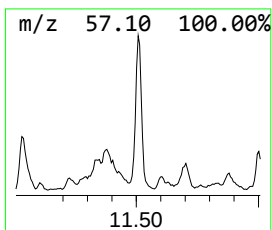
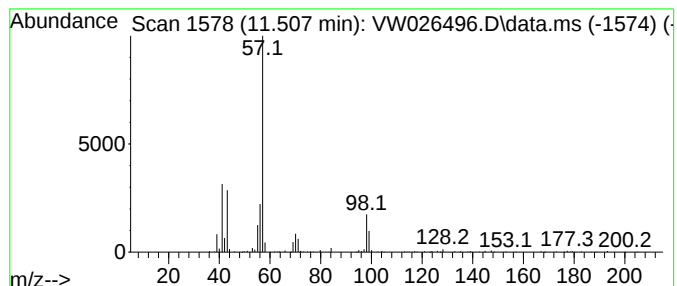
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	3.87 ug/L	226788	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	86
2		Octane, 3-methyl-	128	C9H20	002216-33-3	86
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

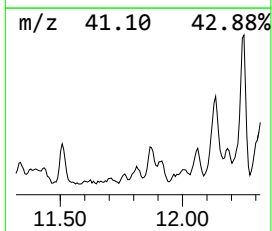
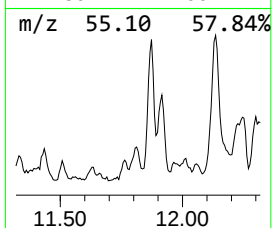
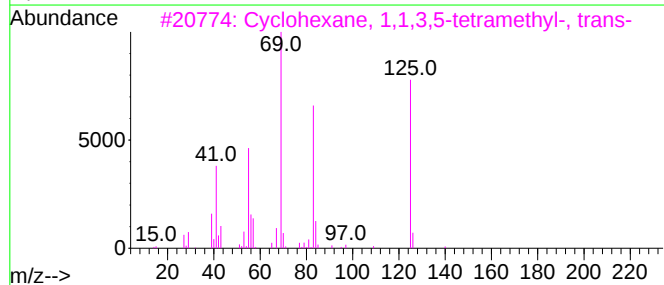
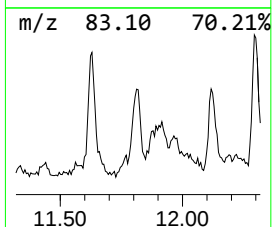
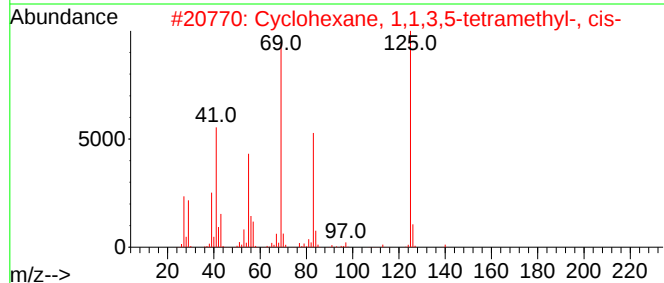
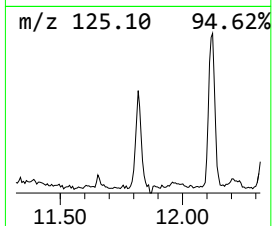
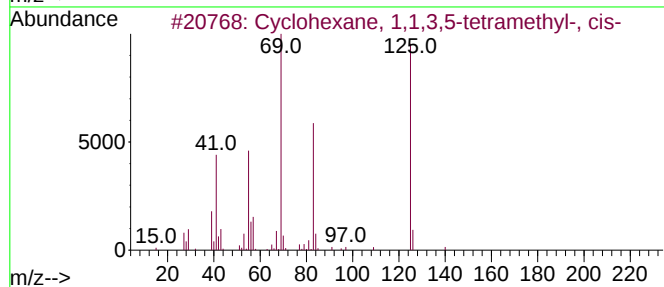
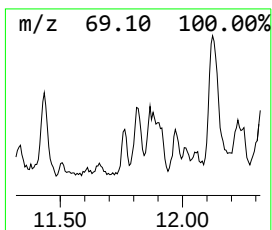
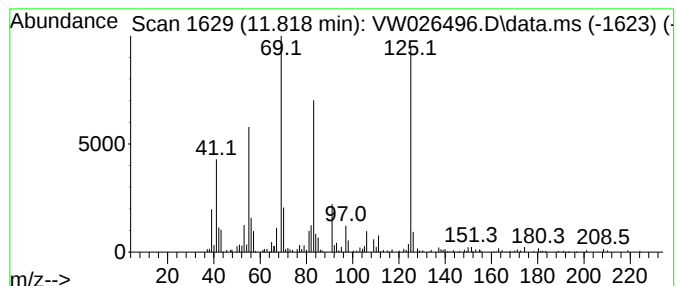
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.818 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.818	2.16 ug/L	126913	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-32-9	81
2	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-32-9	74
3	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-31-8	74
4	Cyclohexane, 1,1,4,4-tetramethyl-		140	C10H20	002223-52-1	53
5	2,2-Dimethyl-3-heptene trans		126	C9H18	019550-75-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

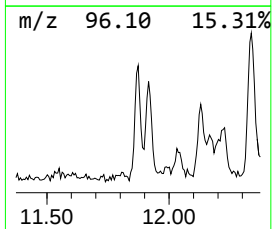
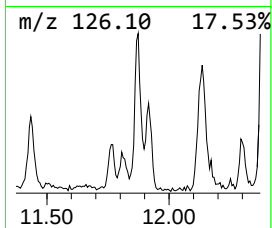
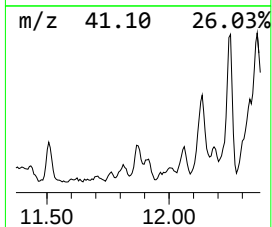
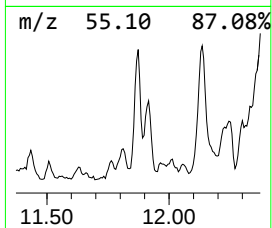
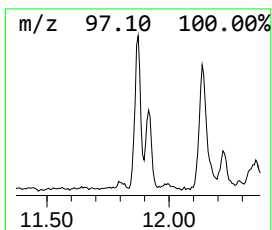
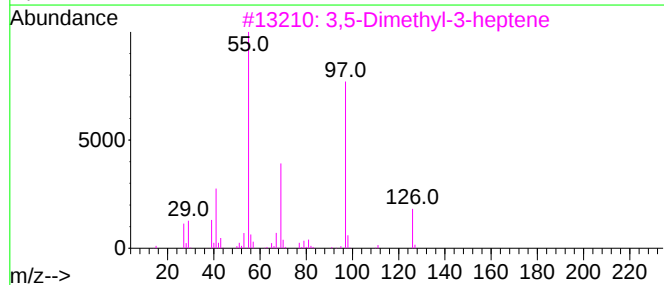
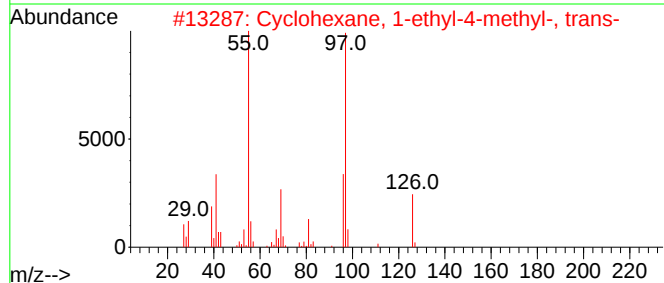
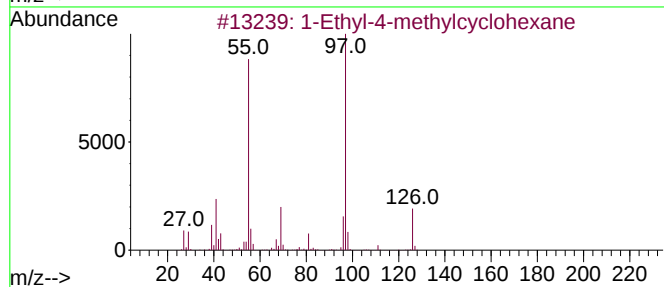
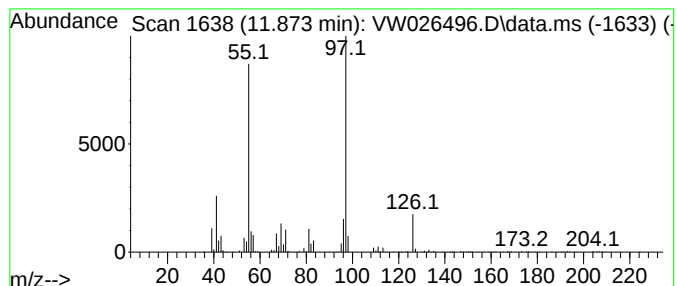
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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	4.95 ug/L	290011	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	68
4	Benzeneacetic acid, 1-cyclopenty...	232	C15H20O2	1000282-63-7	64
5	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1010221-97-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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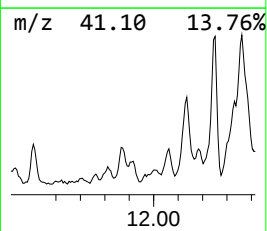
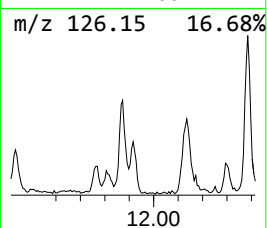
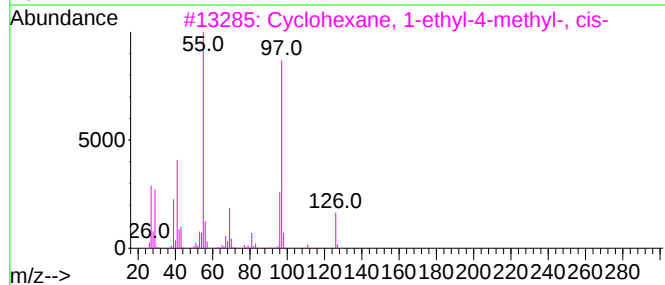
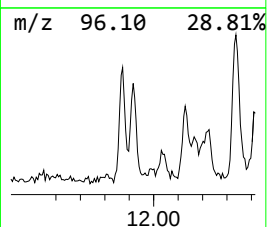
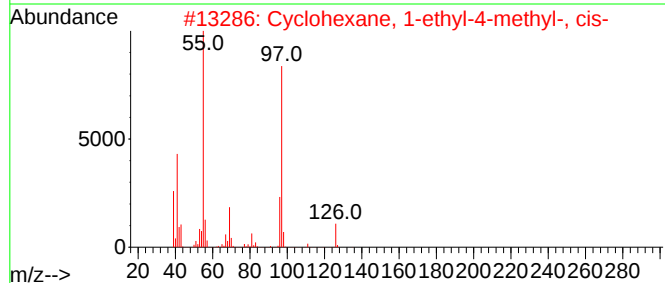
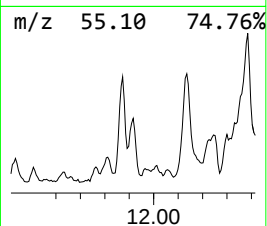
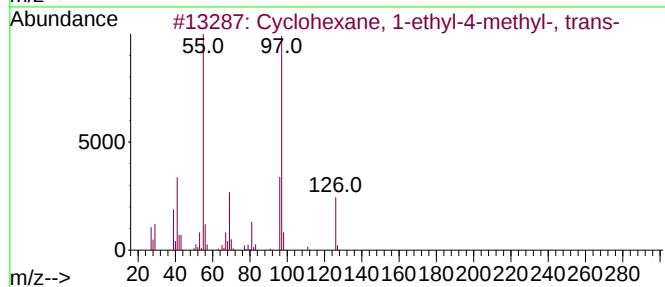
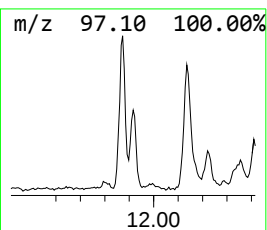
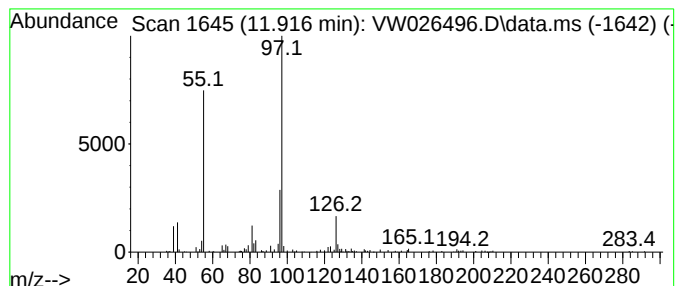
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.916 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.58 ug/L	151311	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

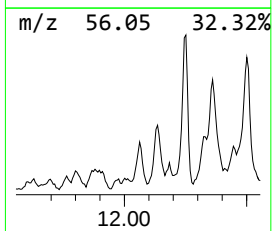
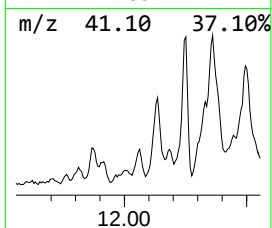
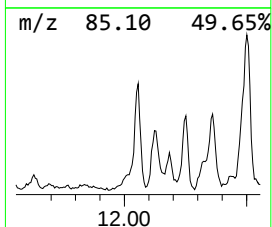
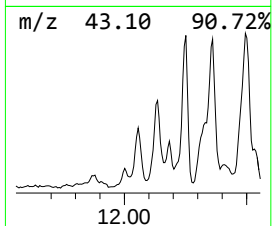
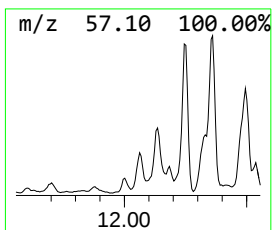
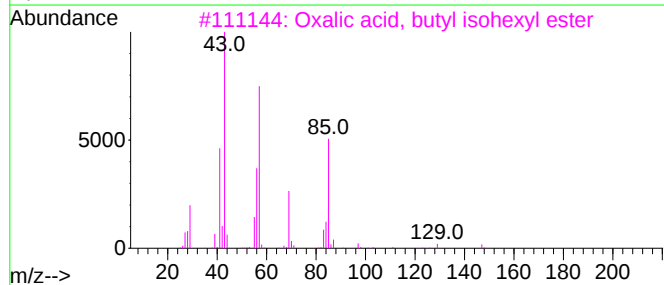
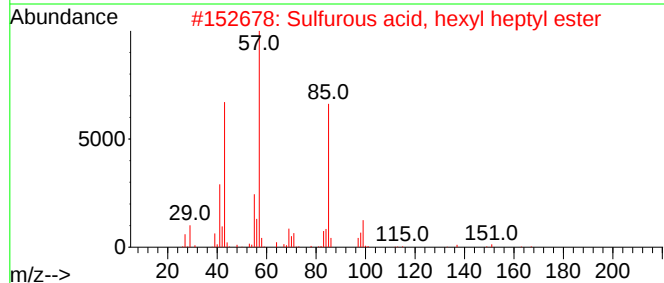
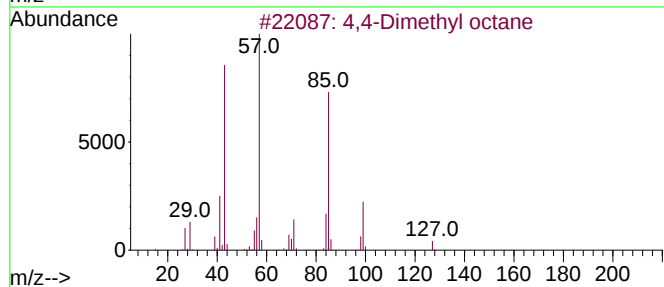
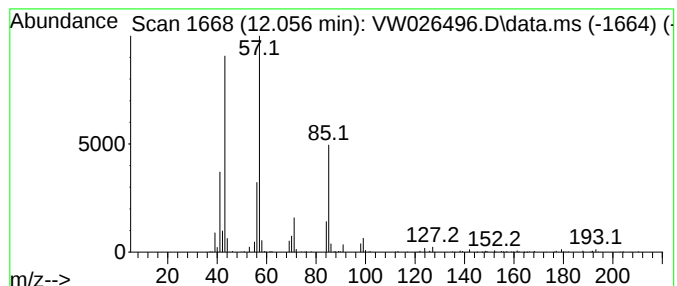
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.056	3.05 ug/L	178954	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl octane	142	C10H22	015869-95-1	72
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	72
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Oxalic acid, ethyl isohexyl ester	202	C10H18O4	1000309-32-5	59
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

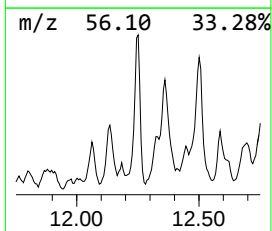
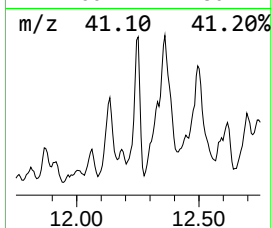
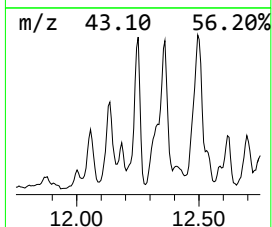
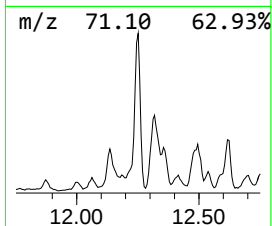
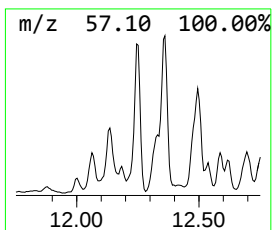
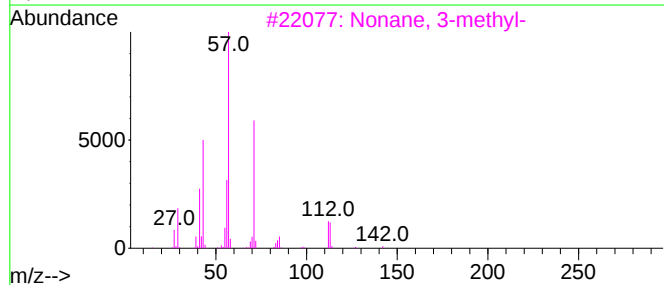
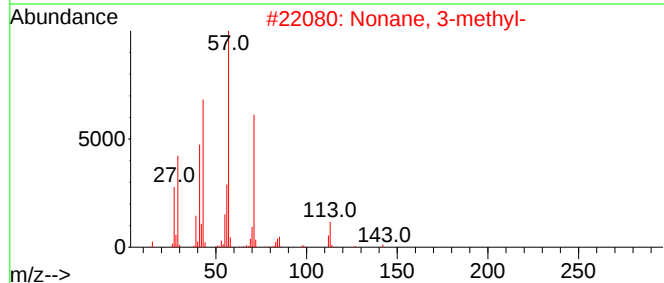
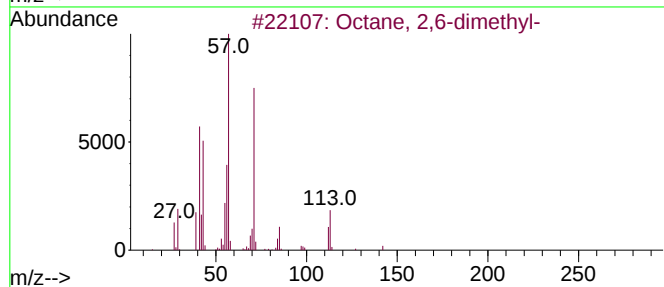
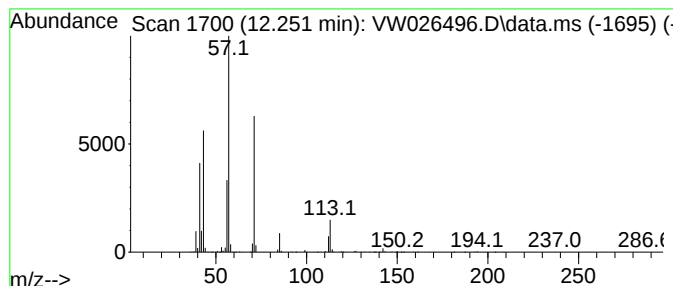
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.251	12.86 ug/L	754199	Chlorobenzene-d5			11.629
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

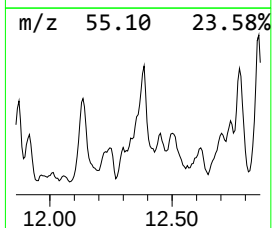
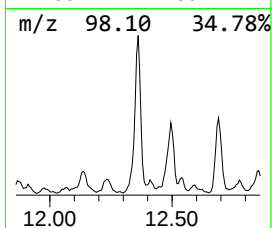
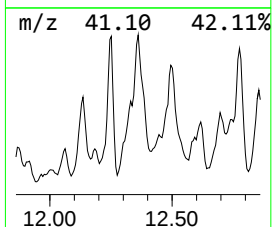
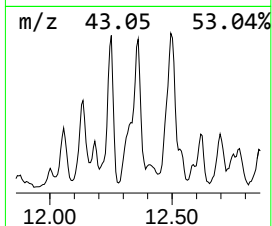
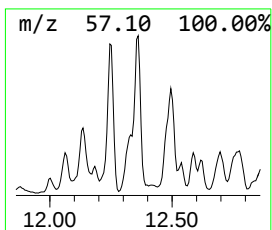
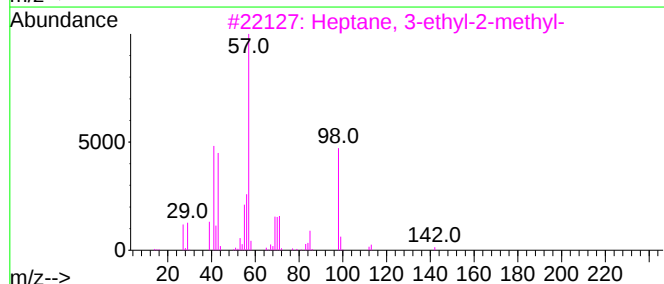
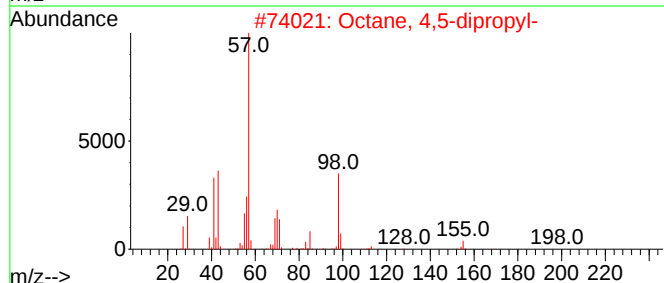
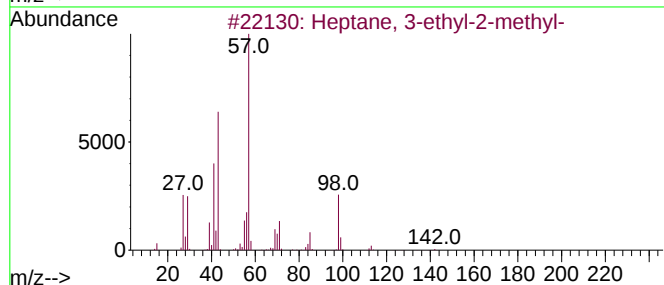
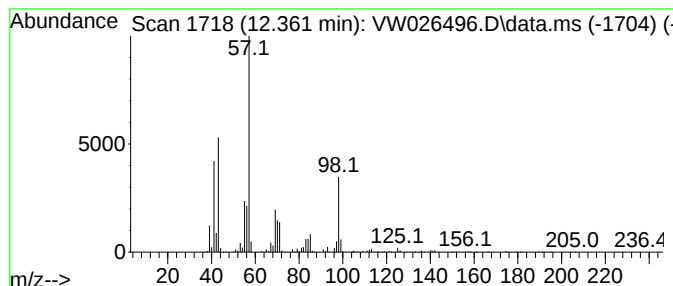
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	35.19 ug/L	2063550	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	78
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

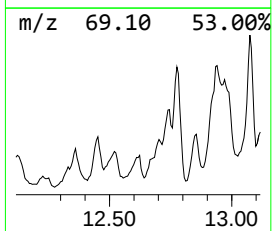
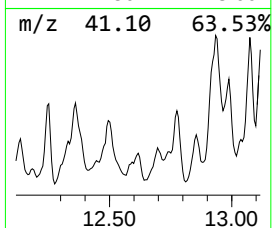
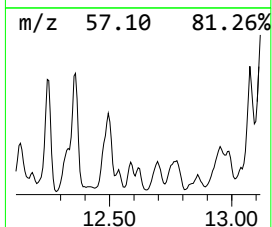
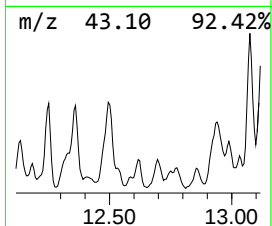
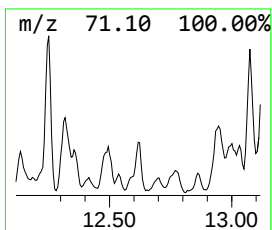
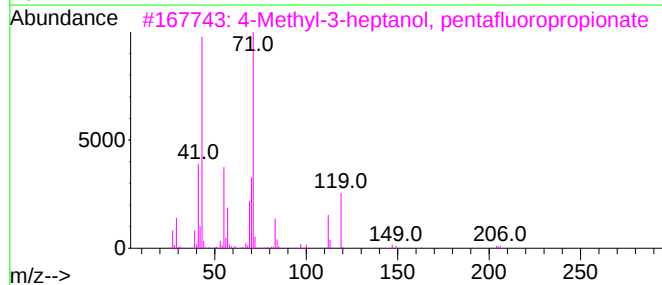
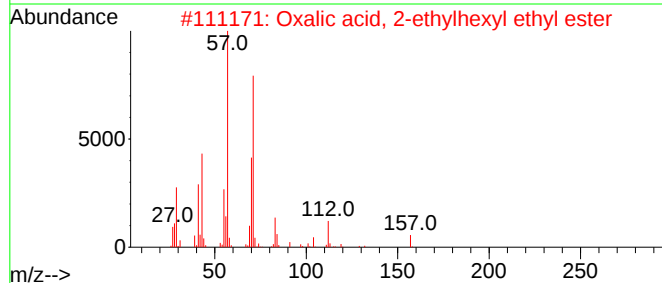
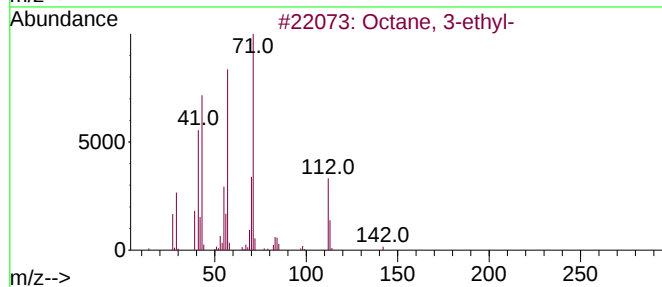
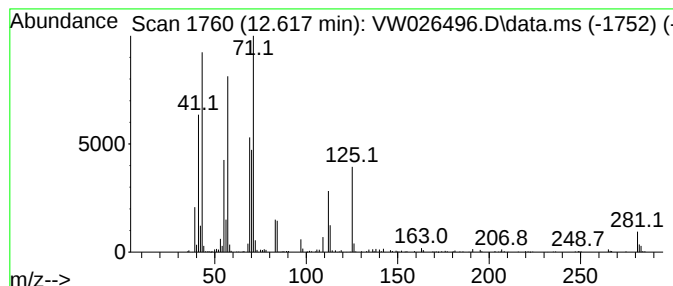
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	25.81 ug/L	598117	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-			142	C10H22	005881-17-4	58
2	Oxalic acid, 2-ethylhexyl ethyl ...			230	C12H22O4	1000309-38-4	50
3	4-Methyl-3-heptanol, pentafluoro...			276	C11H17F5O2	1000365-51-7	47
4	Nonane, 2,3-dimethyl-			156	C11H24	002884-06-2	47
5	Decane, 2,6,7-trimethyl-			184	C13H28	062108-25-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

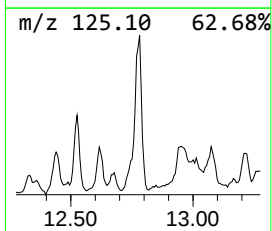
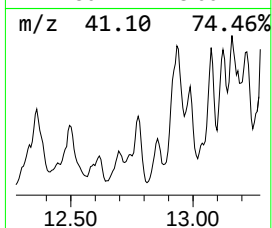
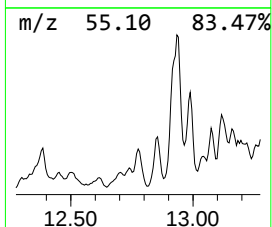
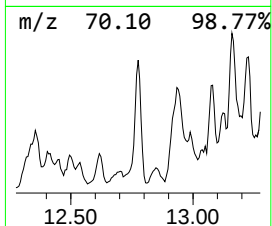
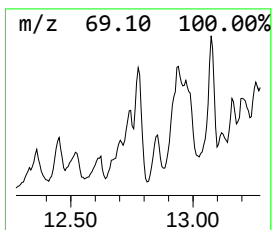
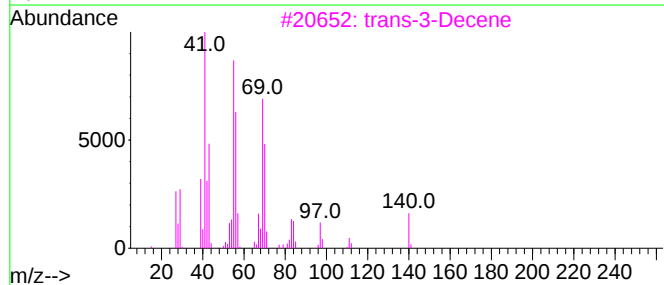
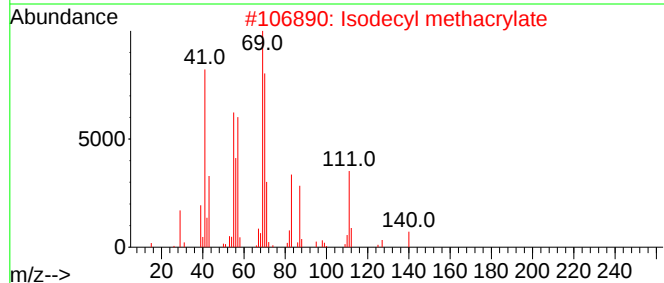
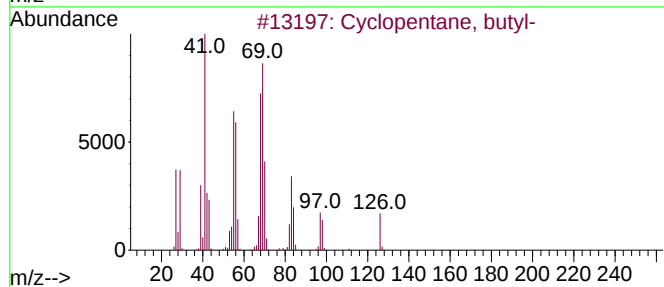
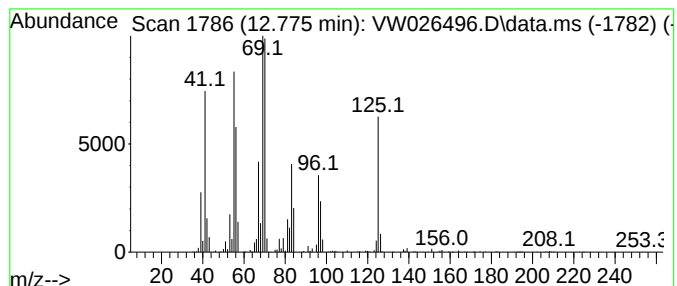
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic12.775 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	42.37 ug/L	981973	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	55
2			Isodecyl methacrylate	226	C14H26O2	029964-84-9	50
3			trans-3-Decene	140	C10H20	019150-21-1	43
4			Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	35
5			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

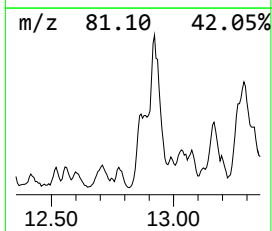
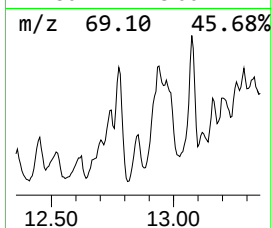
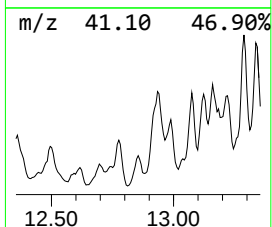
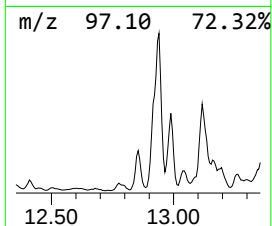
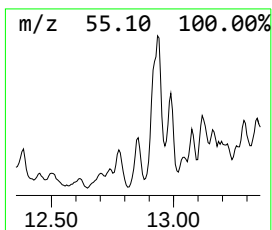
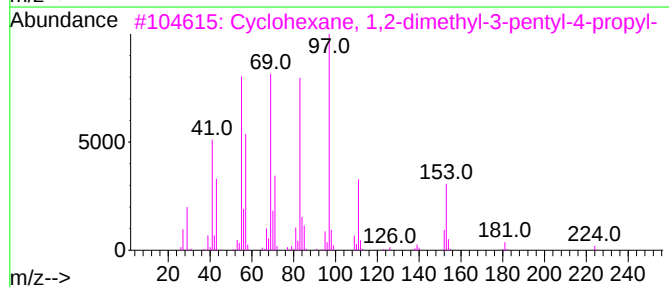
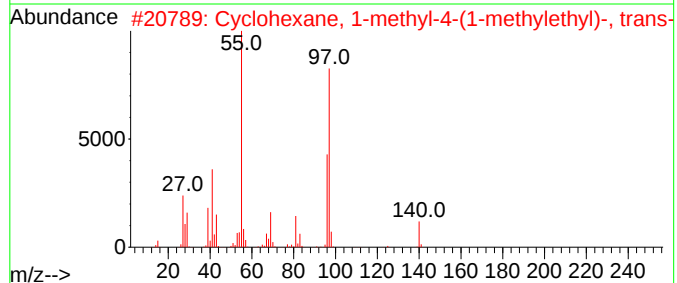
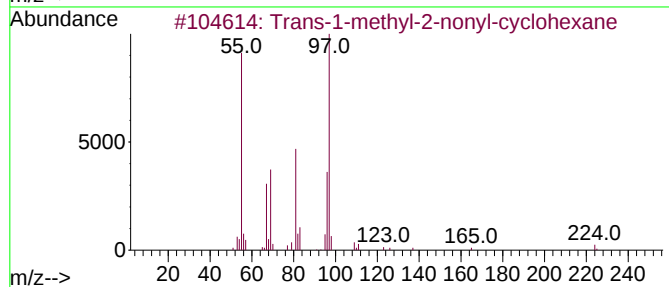
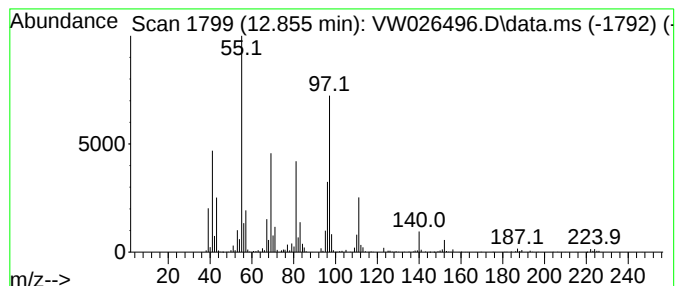
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.855 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	34.15 ug/L	791600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	70
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	53
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

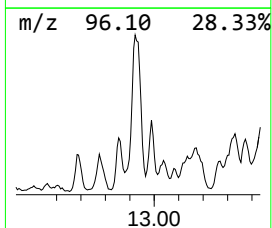
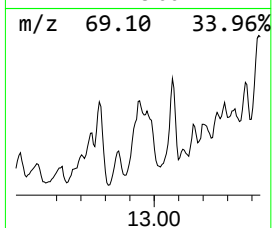
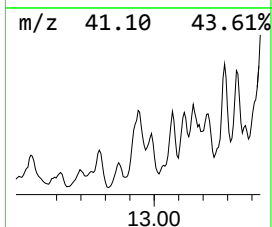
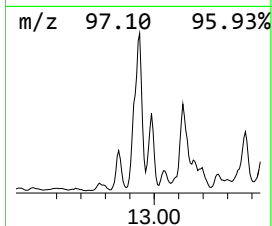
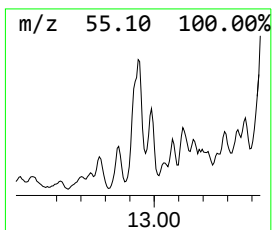
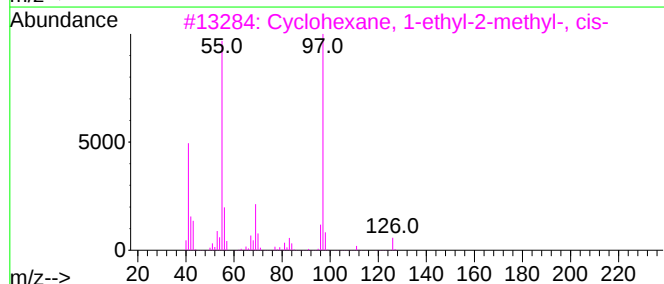
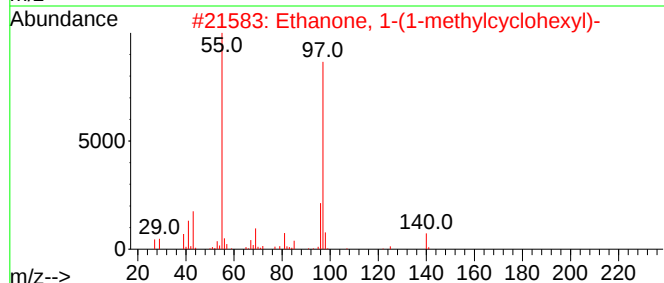
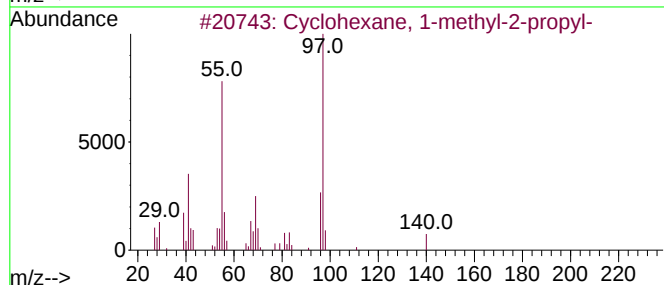
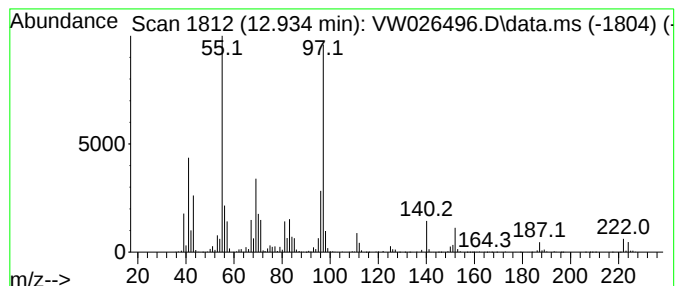
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic12.934 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	136.63 ug/L	3166710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	83
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	68
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
4			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
5			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	100463-01-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

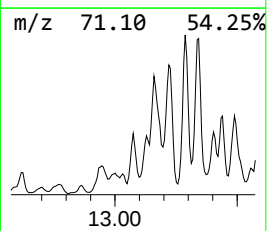
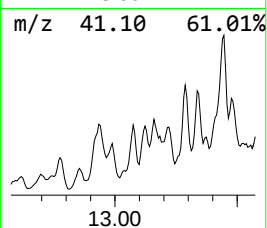
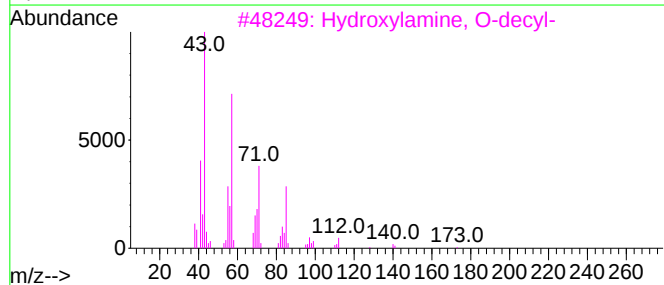
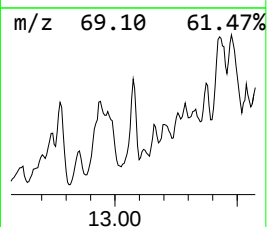
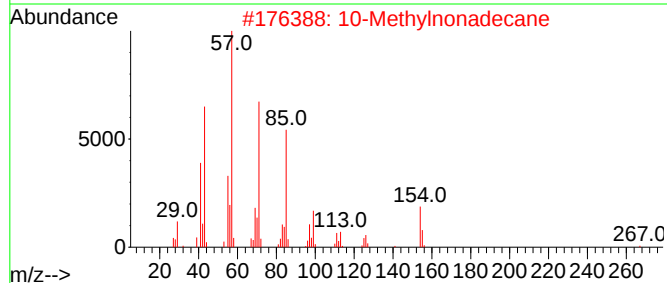
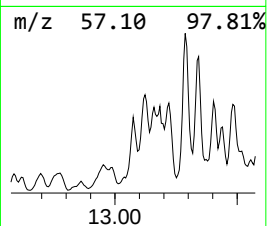
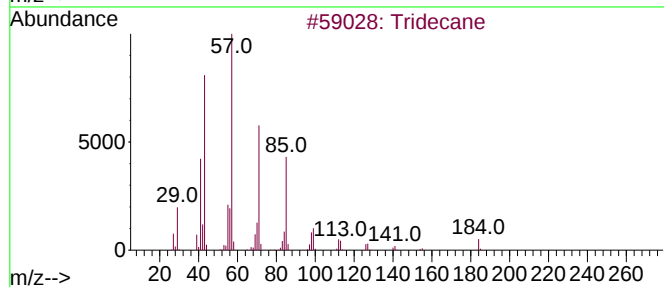
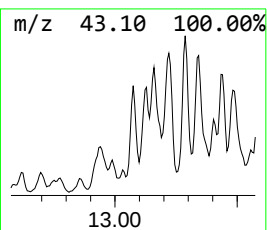
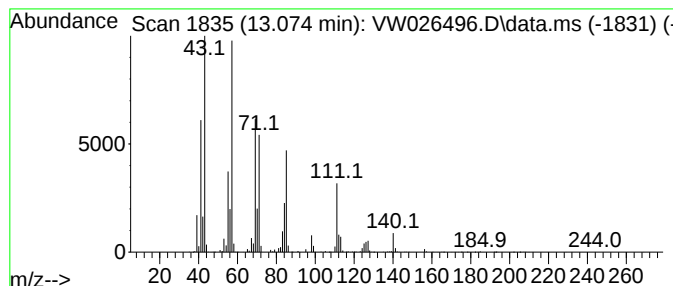
Instrument :
MSVOA_W
ClientSampleId :
A46X8

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 16 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	38.31 ug/L	887854	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	64
2	10-Methylnonadecane		282	C20H42	056862-62-5	59
3	Hydroxylamine, O-decyl-		173	C10H23NO	029812-79-1	50
4	Ether, 6-methylheptyl vinyl		156	C10H20O	010573-35-0	49
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

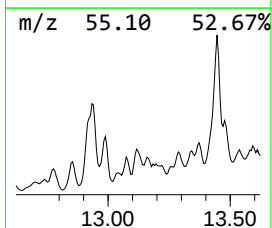
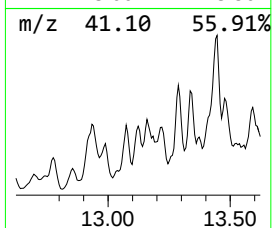
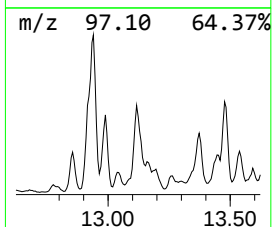
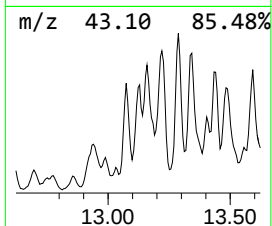
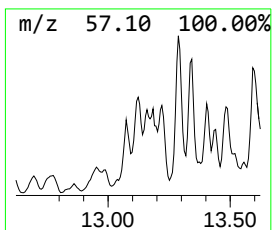
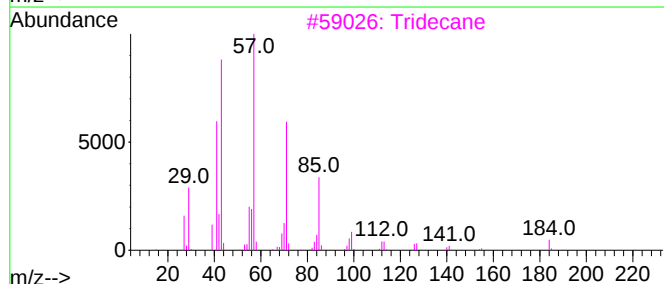
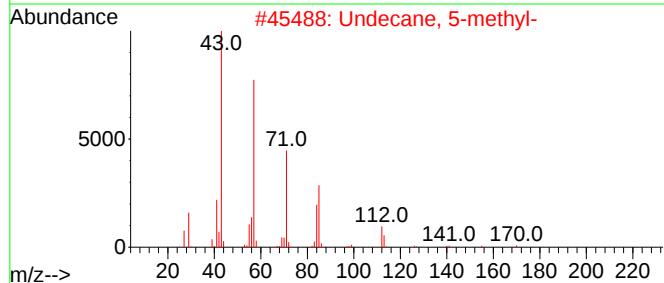
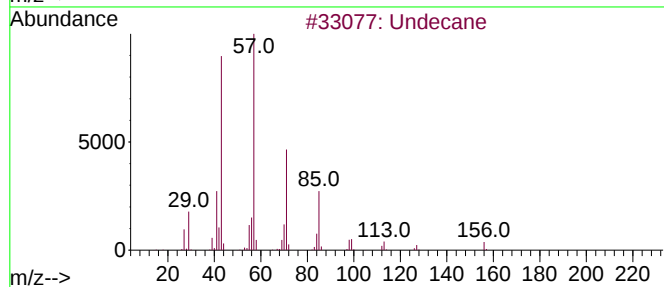
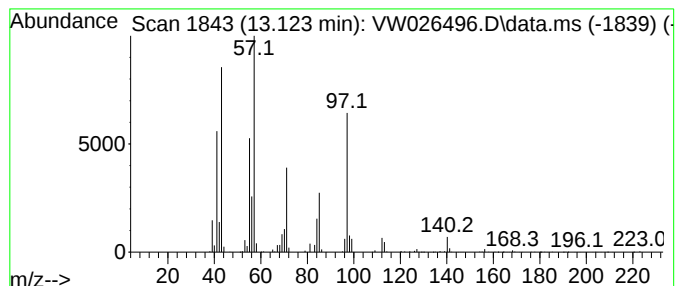
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MSVOA_W
ClientSampleId :
A46X8

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 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.123	39.74 ug/L	921082	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	60
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
3	Tridecane	184	C13H28	000629-50-5	47
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
5	Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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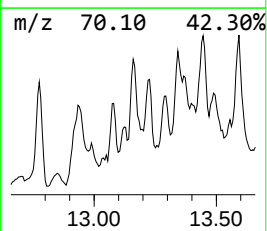
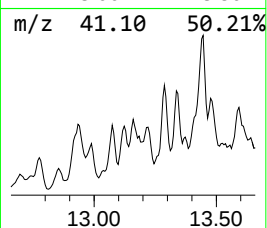
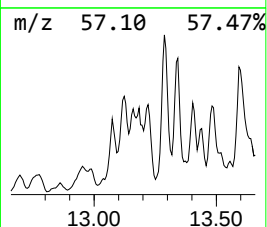
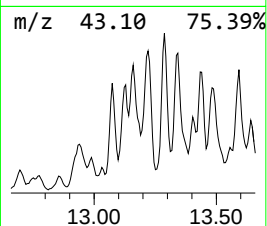
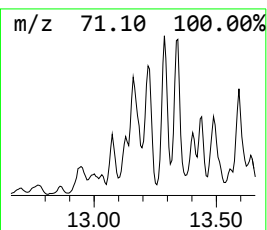
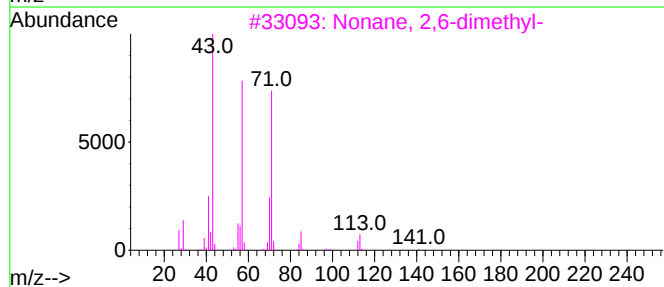
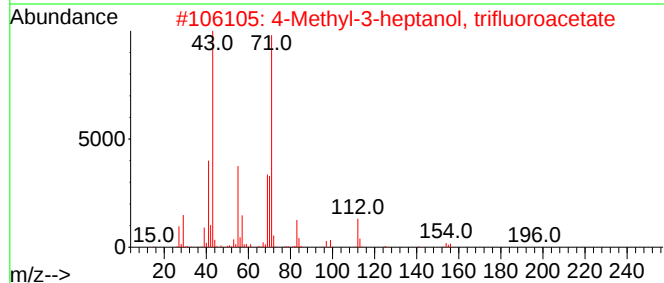
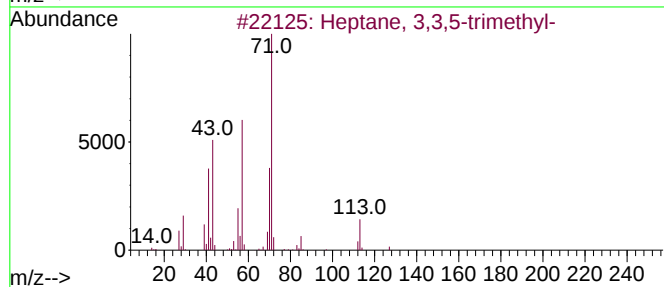
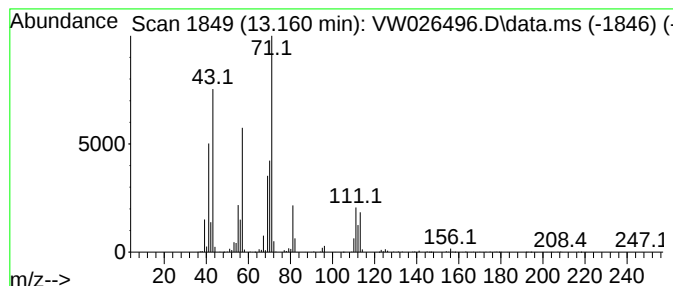
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	39.33 ug/L	911648	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
2			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
4			Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	53
5			3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

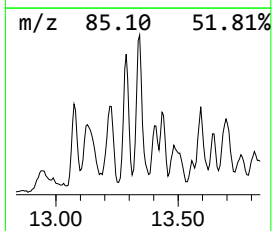
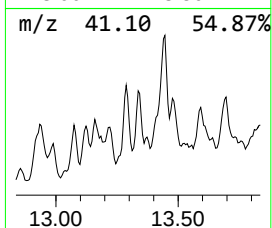
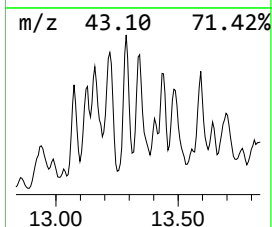
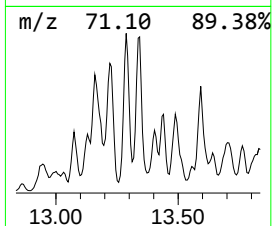
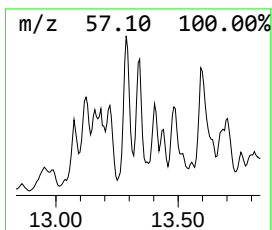
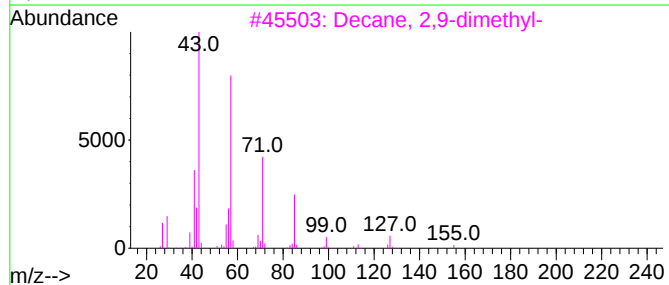
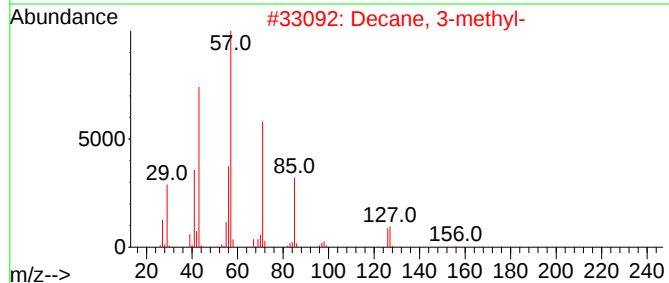
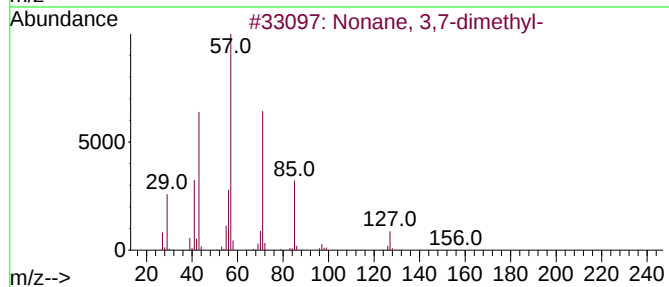
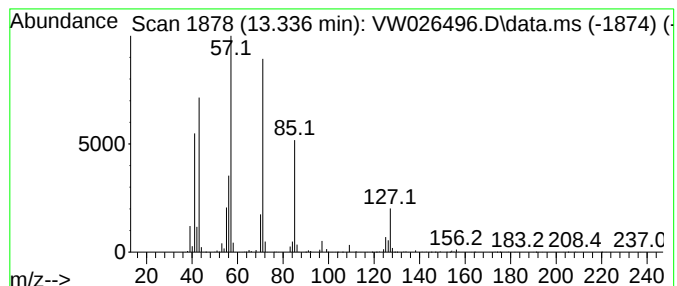
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.336	53.66 ug/L	1243600	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	91
2	Decane, 3-methyl-		156	C11H24	013151-34-3	91
3	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	72
4	Undecane, 5-ethyl-		184	C13H28	017453-94-0	64
5	Undecane, 2,7-dimethyl-		184	C13H28	017301-24-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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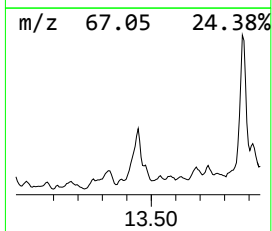
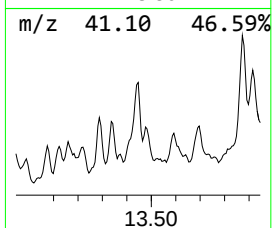
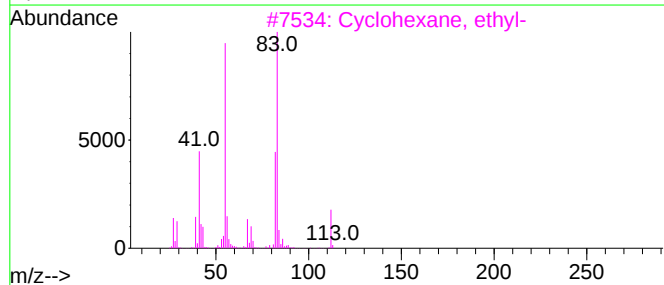
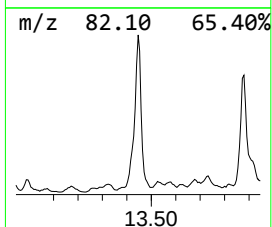
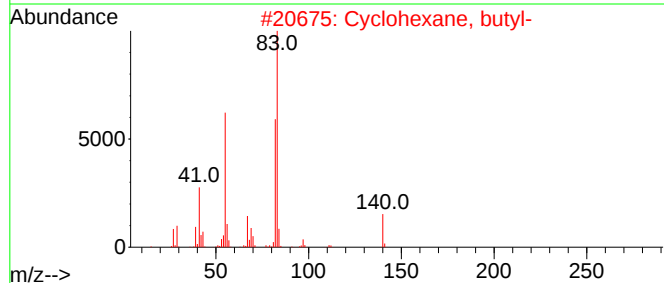
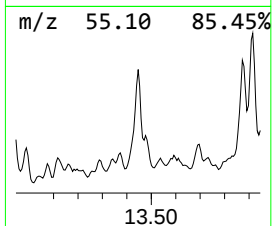
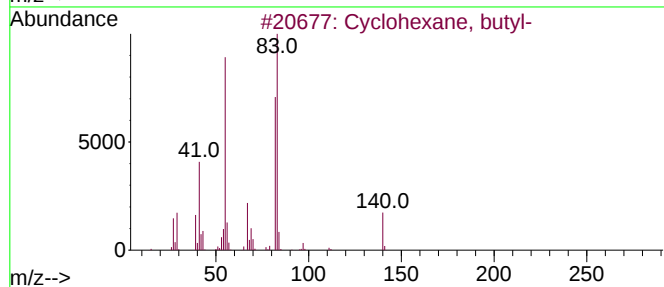
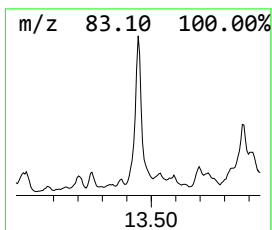
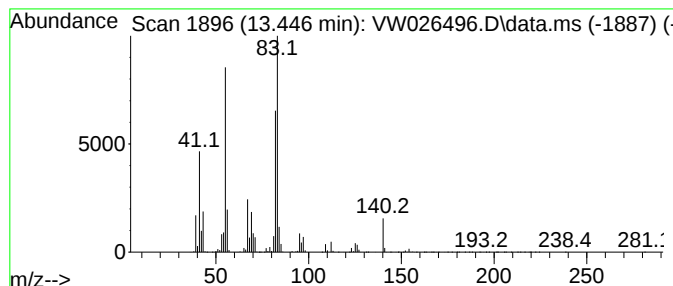
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic13.446 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	177.24 ug/L	4107810	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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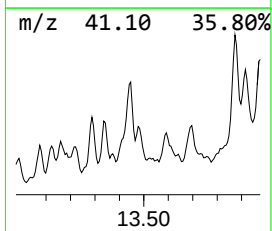
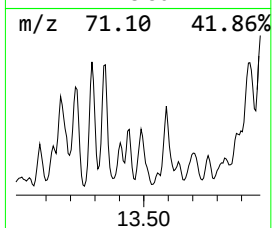
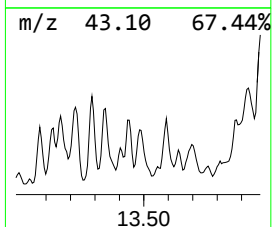
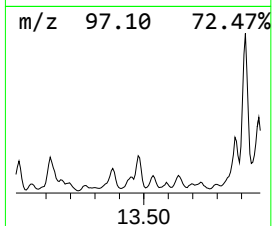
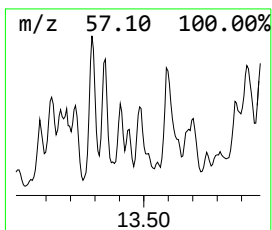
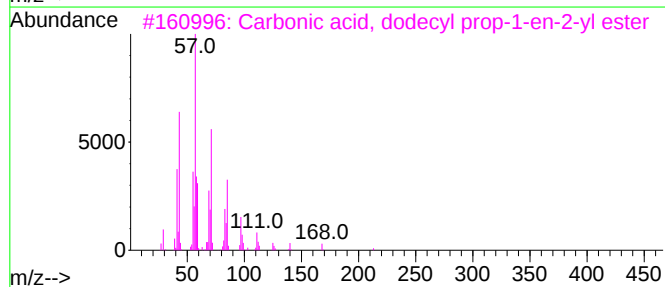
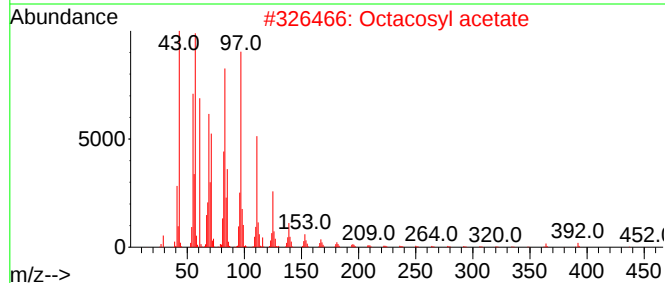
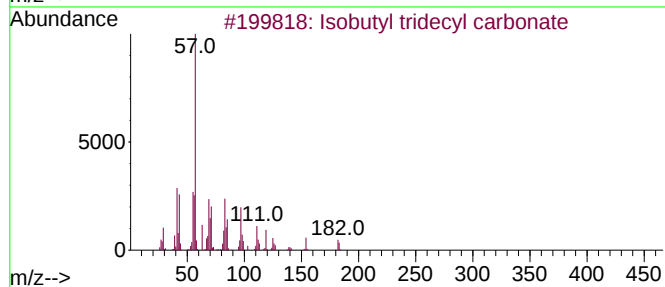
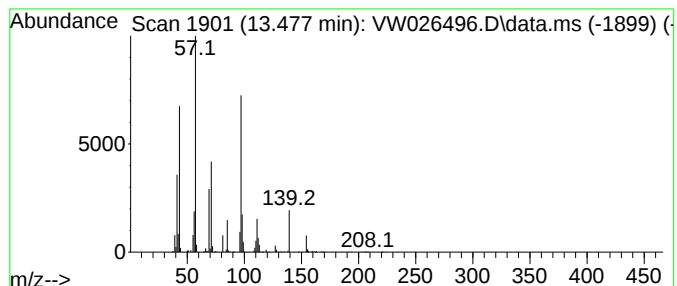
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	51.27 ug/L	1188260	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	43
2			Octacosyl acetate	452	C30H60O2	018206-97-8	38
3			Carbonic acid, dodecyl prop-1-en-2-yl ester	270	C16H30O3	1000382-90-7	38
4			3-Butene-1,2-diol, 1-(2-furanyl)-	168	C9H12O3	018927-20-3	38
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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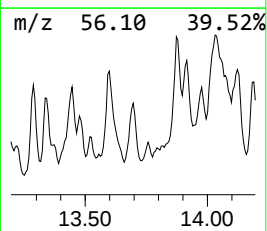
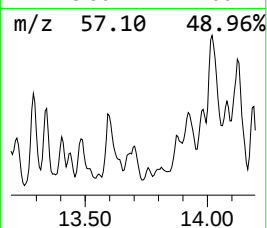
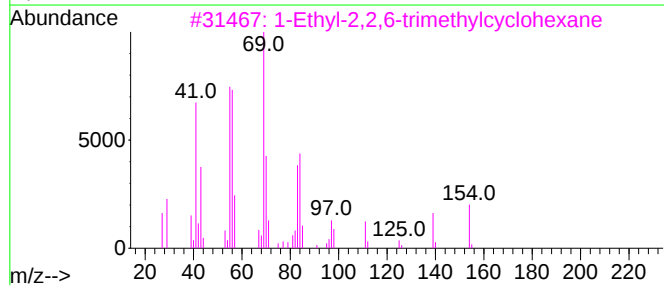
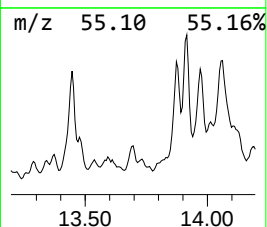
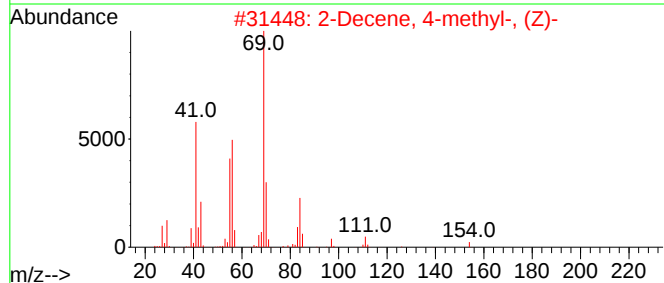
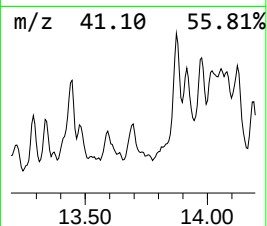
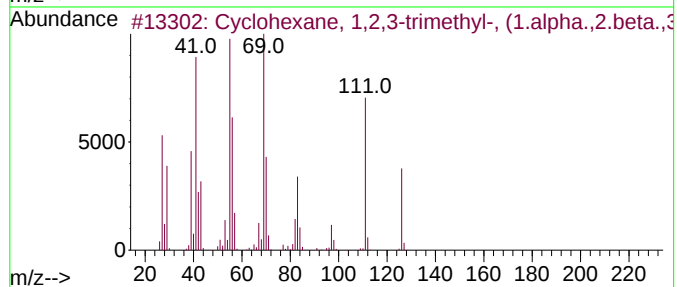
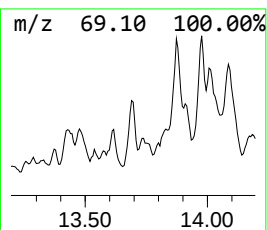
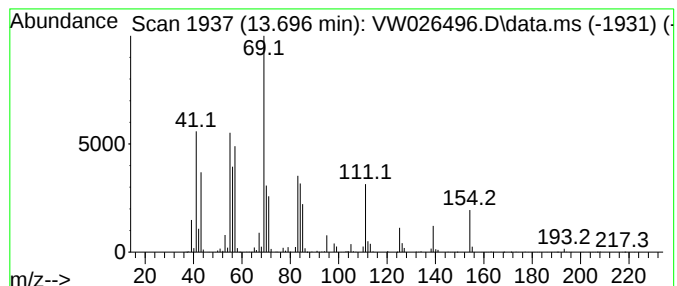
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.696 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	79.45 ug/L	1841370	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	60
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
3			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	52
4			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50
5			2-Pentene, 2-methyl-	84	C6H12	000625-27-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
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Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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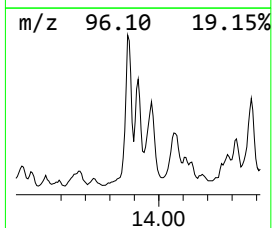
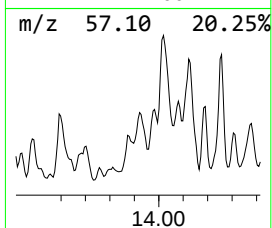
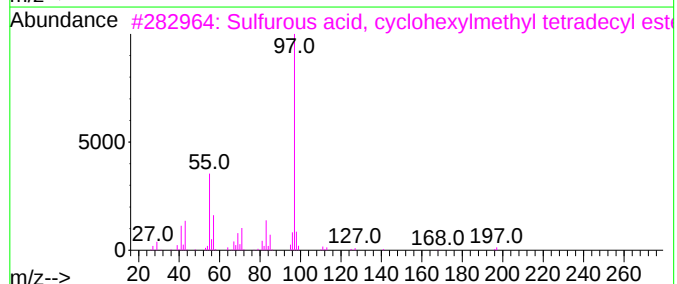
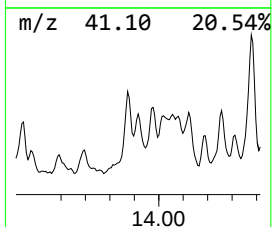
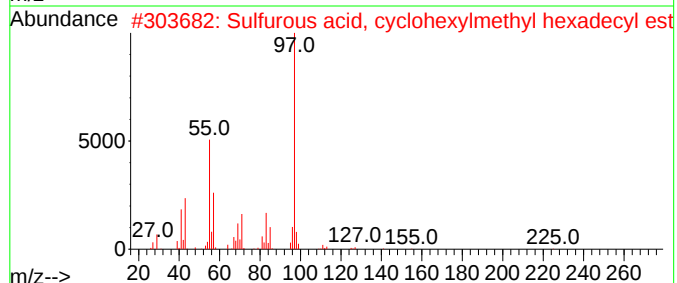
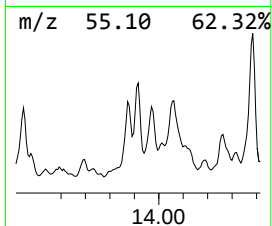
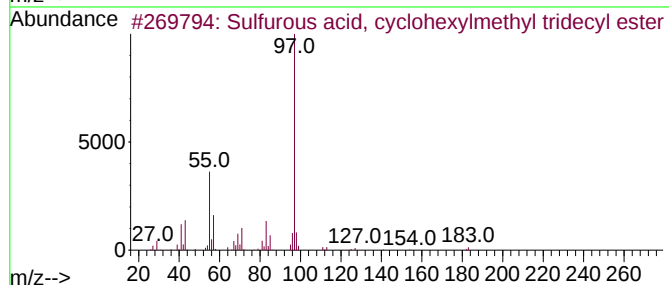
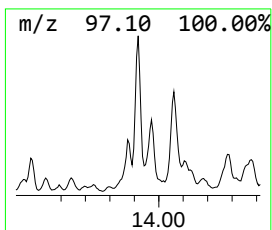
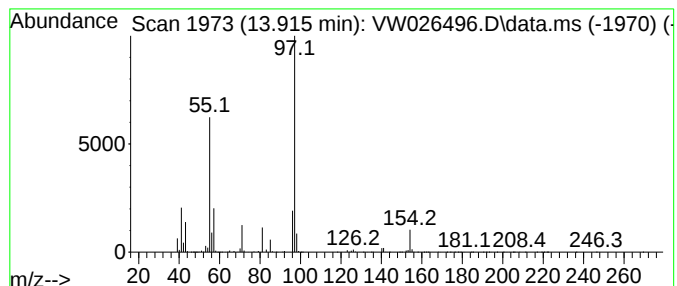
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Quant Title : SFAM01.0

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

Peak Number 23 Sulfurous acid, cyclohexylm... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	99.24 ug/L	2300120	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
2			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
3			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	50
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
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Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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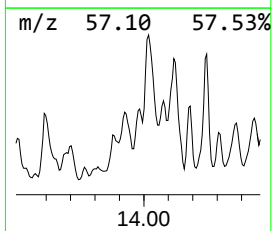
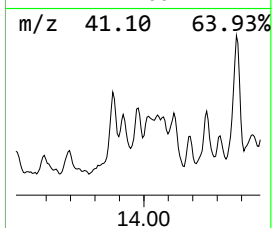
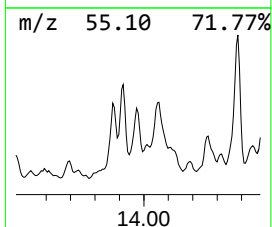
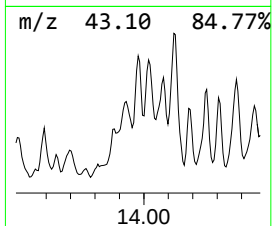
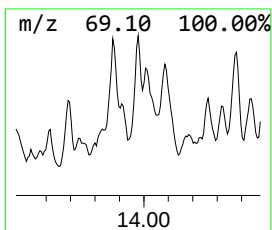
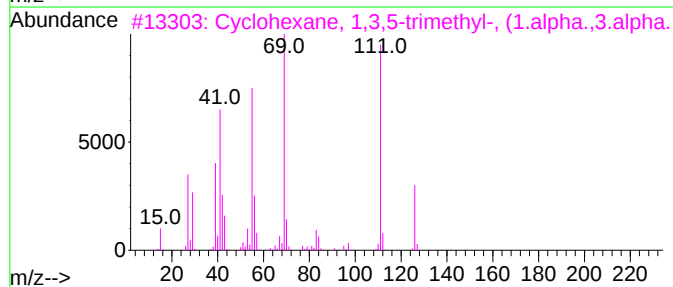
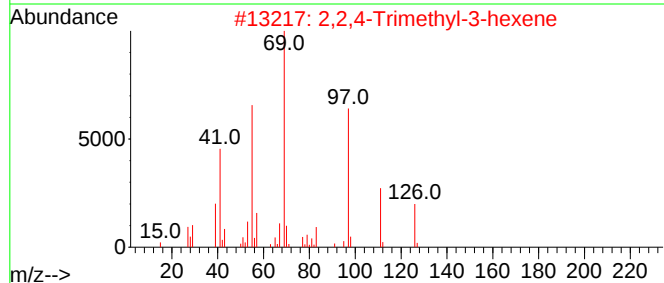
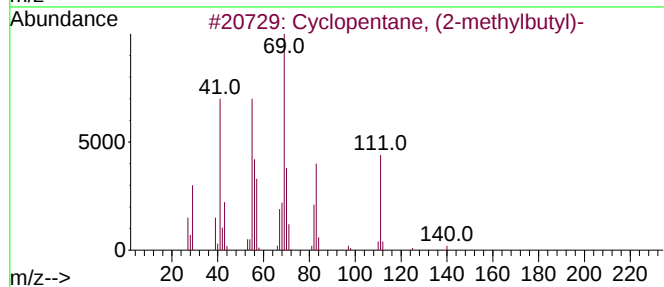
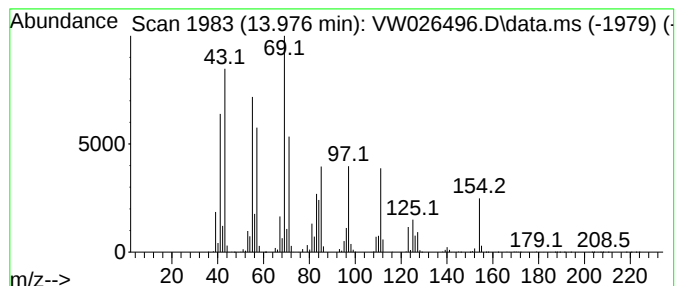
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic13.977 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	96.73 ug/L	2241840	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
2			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	30
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	27
4			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	27
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

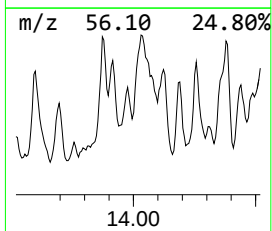
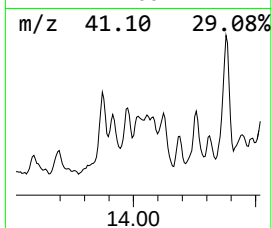
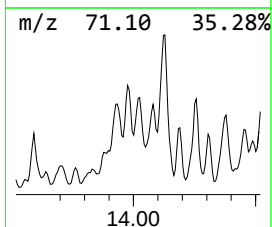
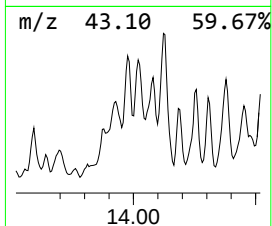
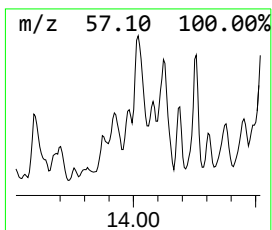
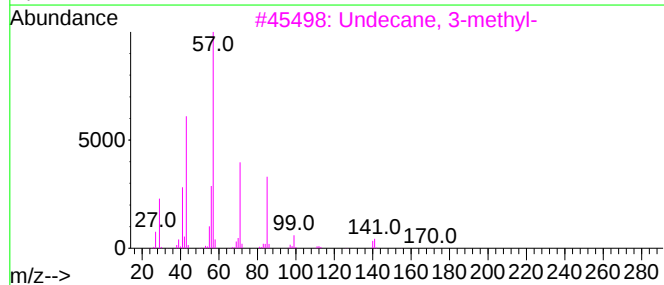
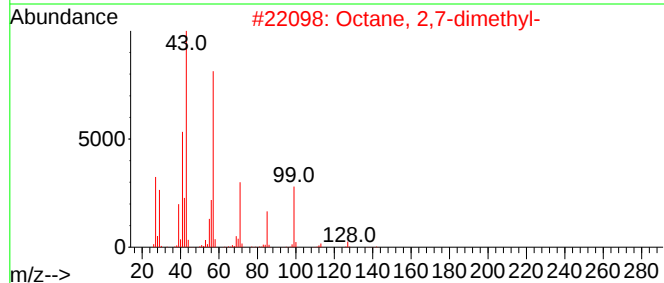
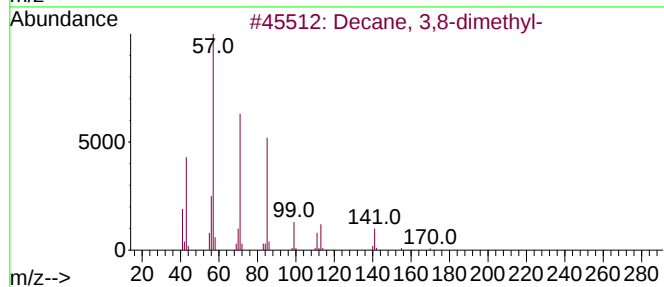
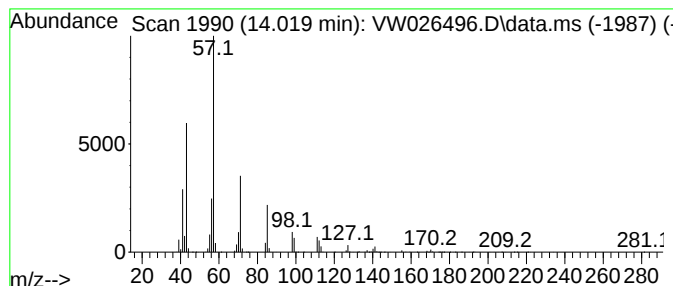
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ClientSampleId :
A46X8

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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.019	47.34 ug/L	1097270	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	68
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

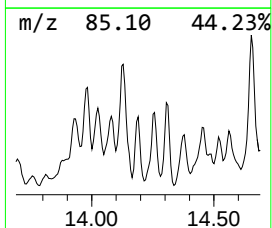
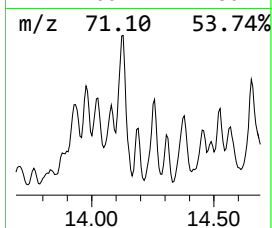
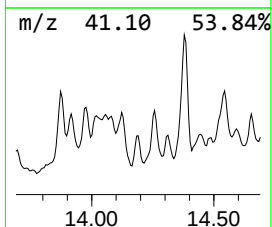
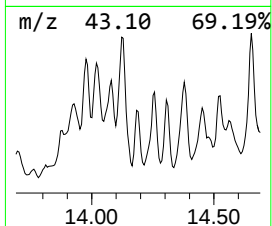
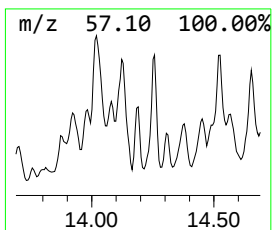
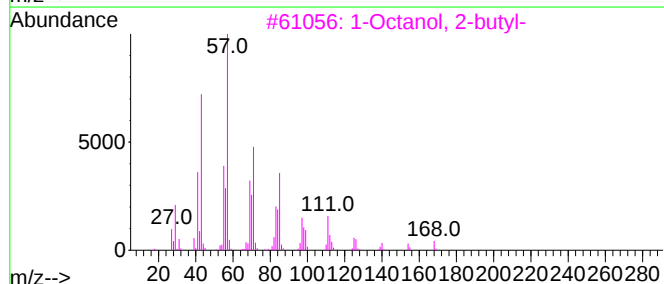
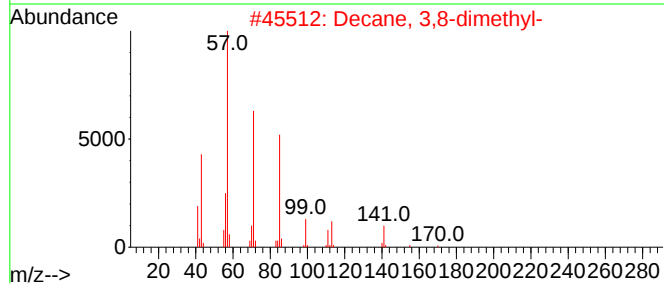
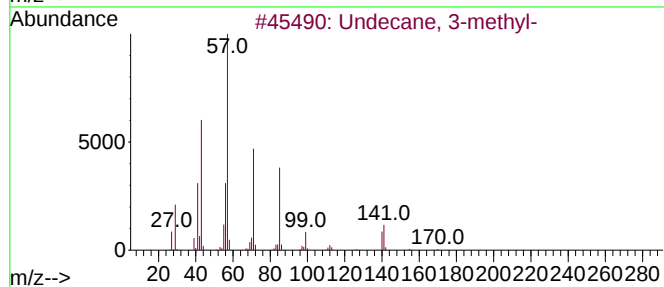
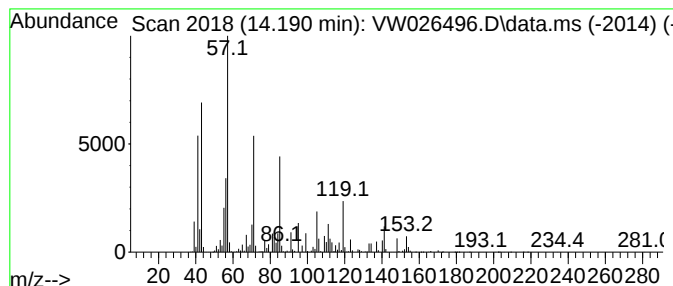
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	83.17 ug/L	1927590	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	70
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

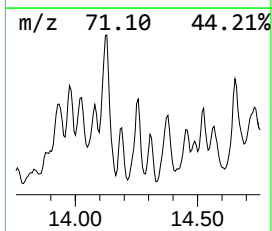
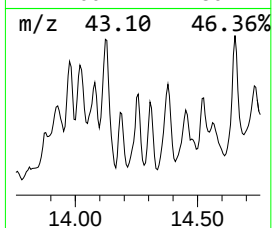
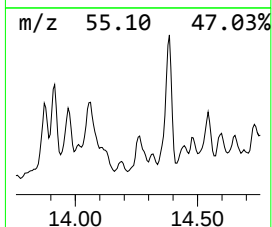
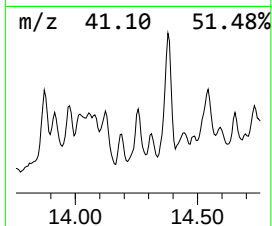
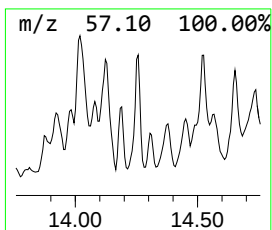
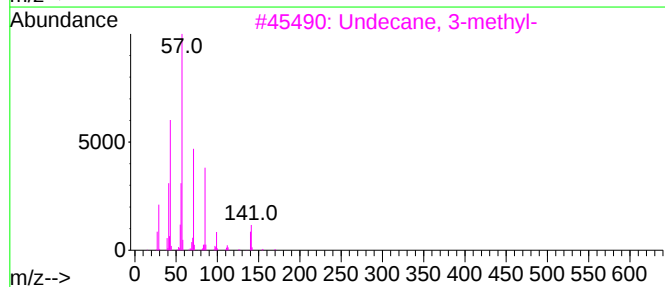
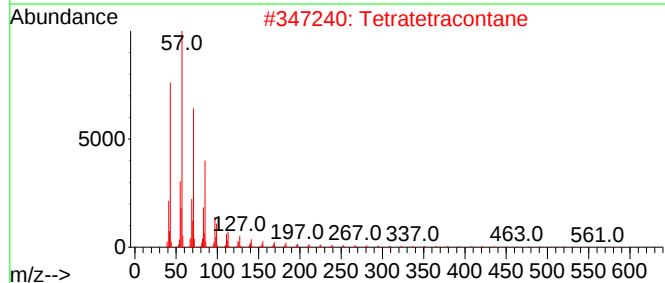
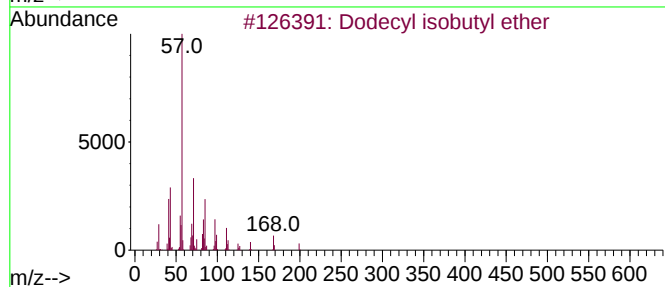
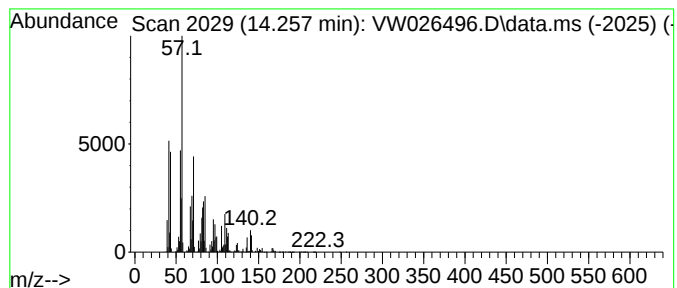
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	145.06 ug/L	3362000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	43
2			Tetratetracontane	619	C44H90	007098-22-8	38
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4			Tritetracontane	605	C43H88	007098-21-7	38
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

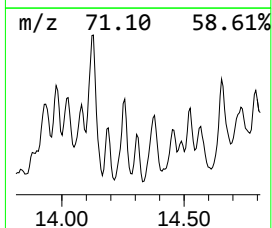
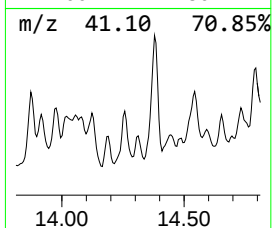
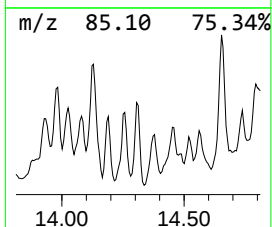
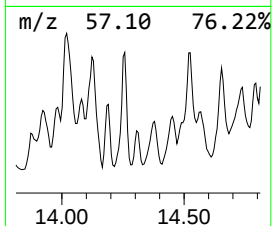
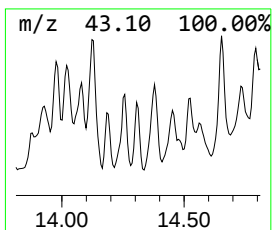
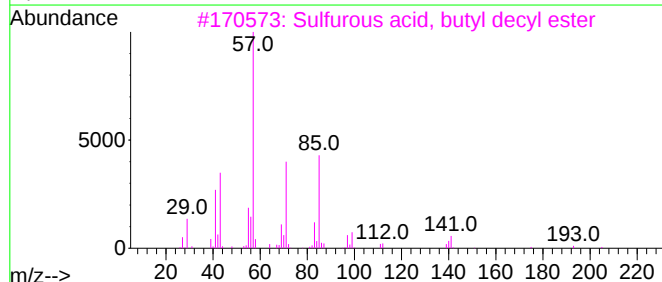
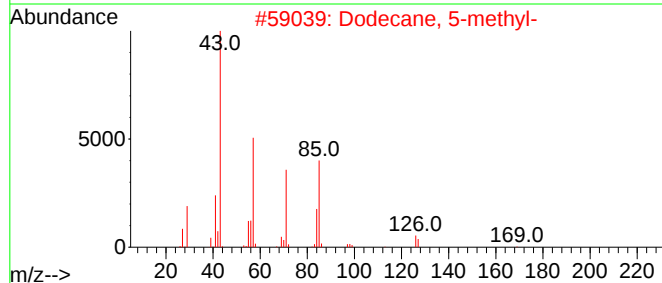
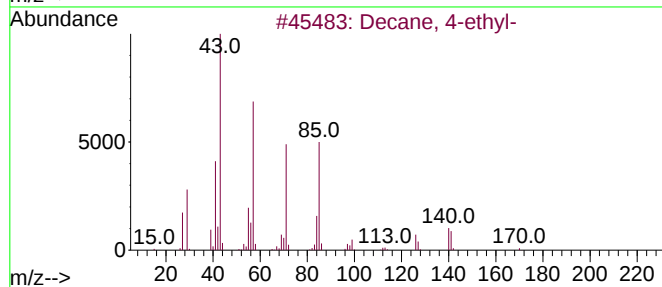
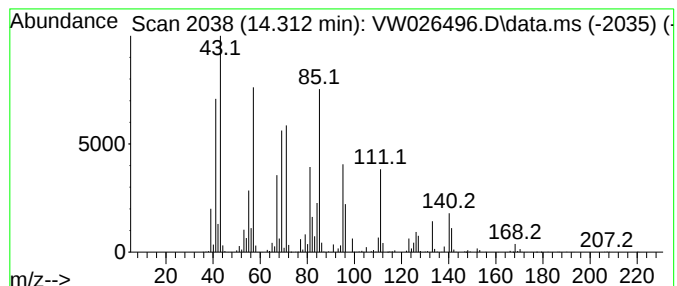
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	50.59 ug/L	1172520	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	42
2			Dodecane, 5-methyl-	184	C13H28	017453-93-9	38
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
4			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	35
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

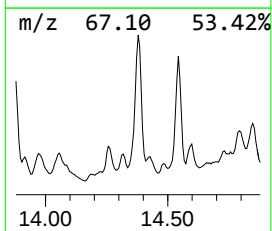
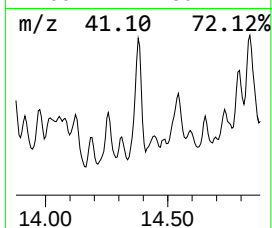
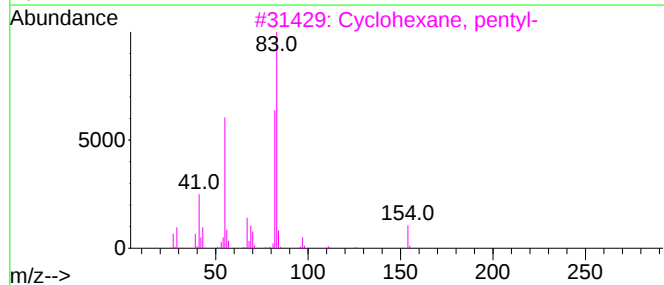
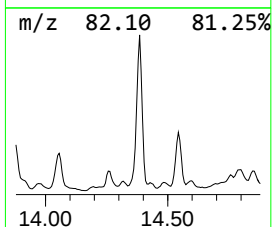
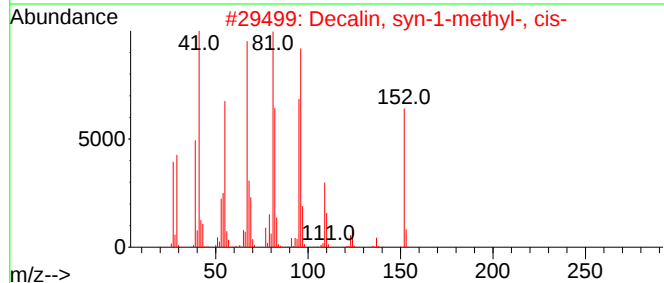
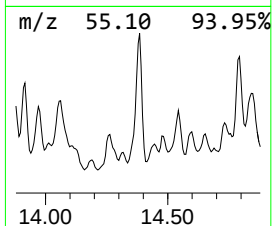
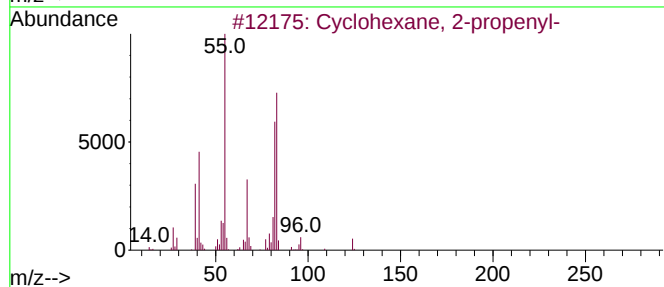
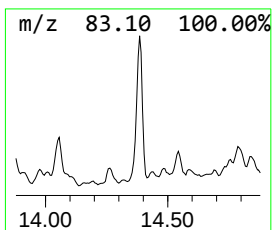
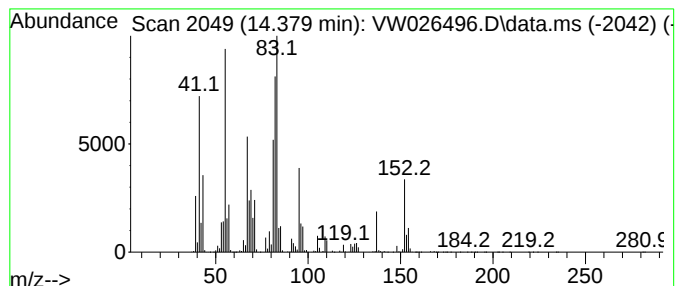
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Quant Title : SFAM01.0

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

Peak Number 29 Cyclohexane, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	412.13 ug/L	9551740	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	58
2		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	51
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

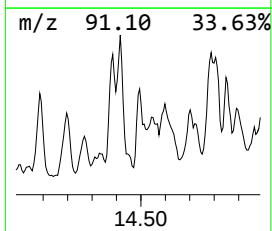
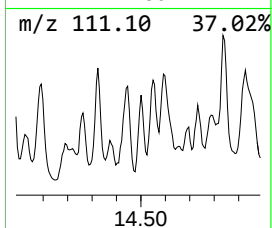
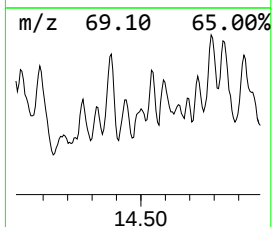
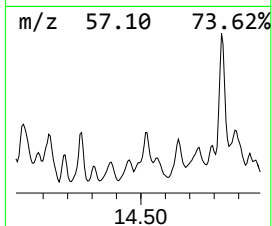
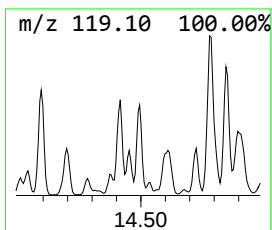
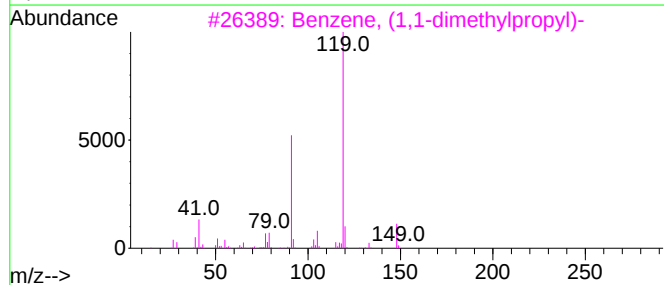
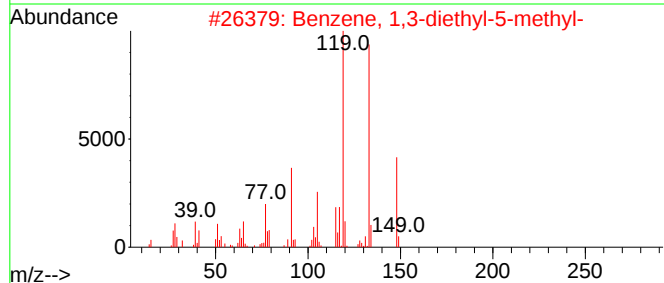
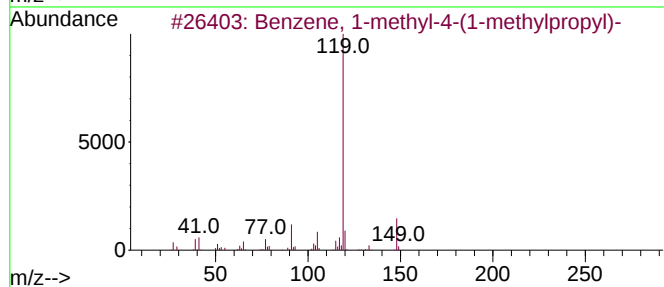
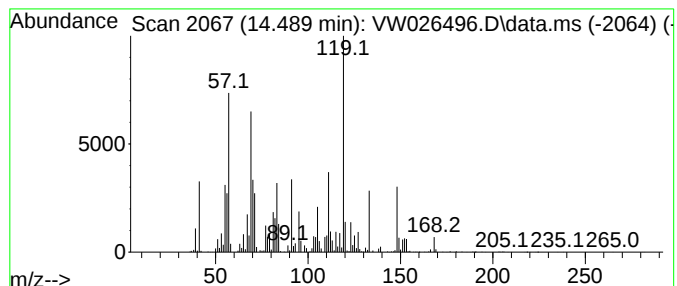
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 1-methyl-4-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	43.64 ug/L	1011540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	55
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
5			Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

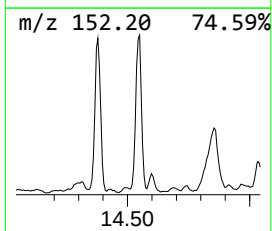
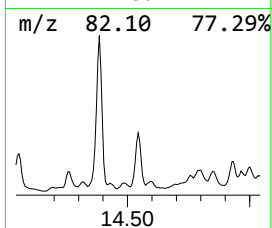
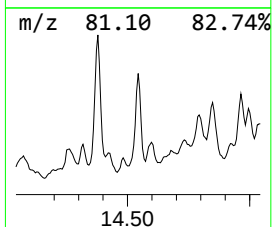
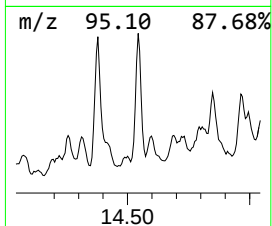
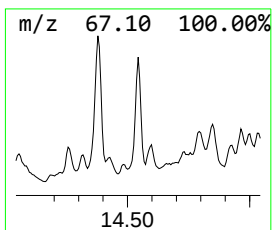
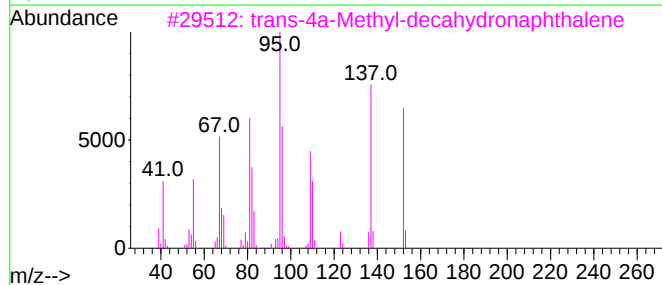
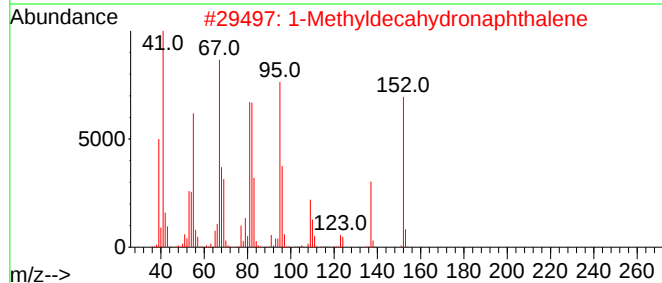
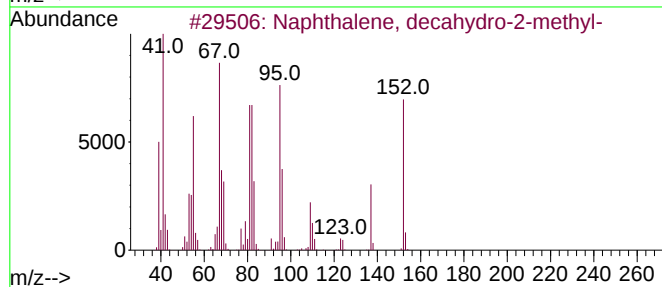
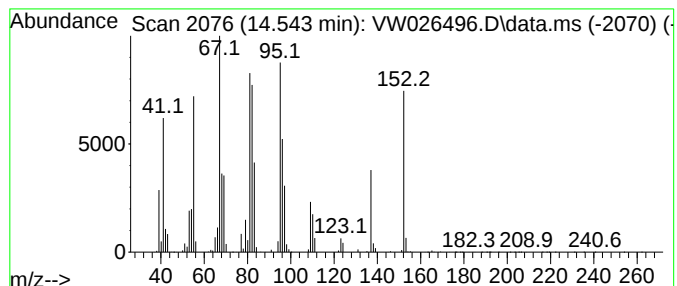
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Quant Title : SFAM01.0

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

Peak Number 31 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	235.49 ug/L	5458010	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

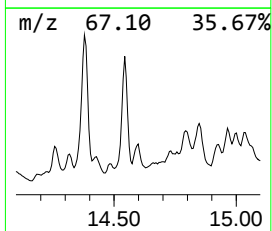
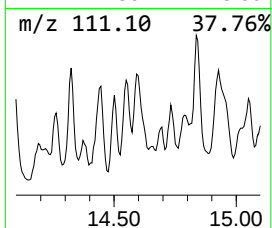
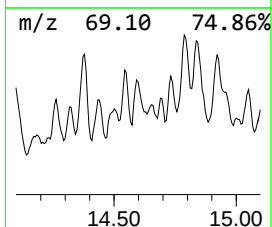
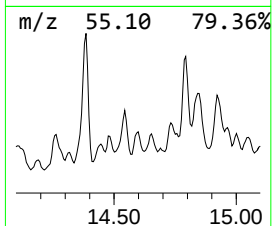
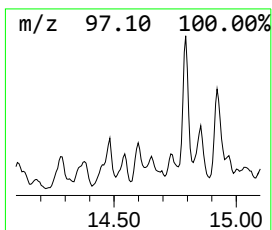
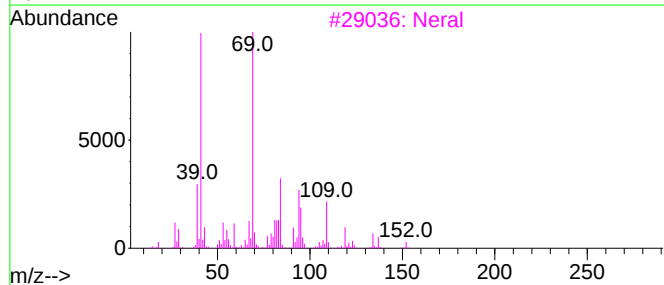
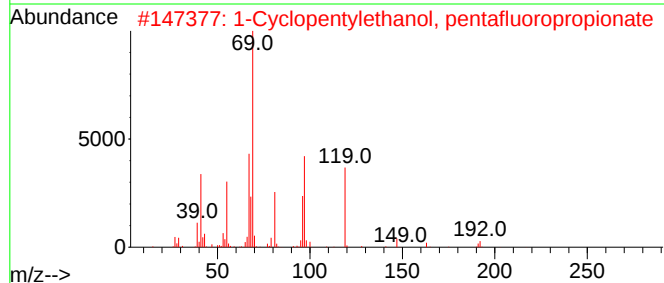
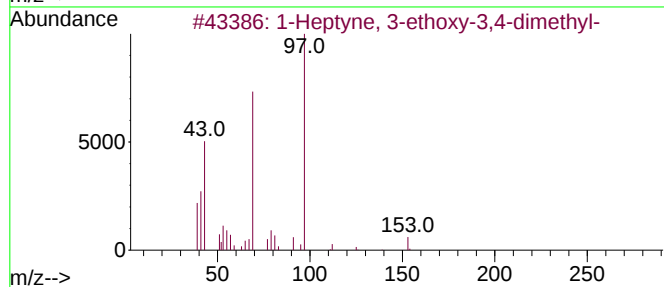
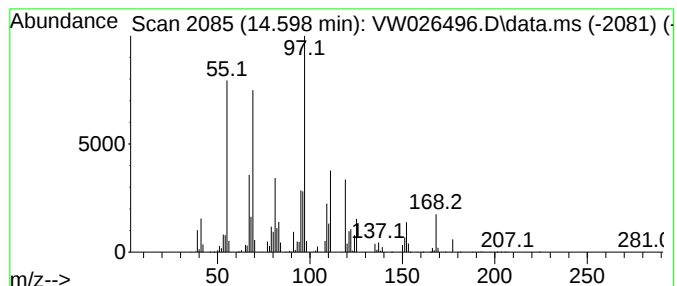
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Quant Title : SFAM01.0

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

Peak Number 32 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	56.71 ug/L	1314300	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	43
2		1-Cyclopentylethanol, pentafluor...	260	C10H13F5O2	1000364-12-0	35
3		Neral	152	C10H16O	000106-26-3	35
4		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	30
5		3-Fluoro-2-formylpyridine	125	C6H4FNO	031224-43-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

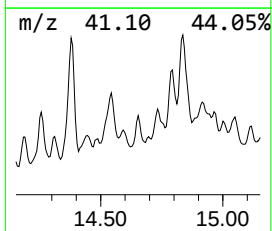
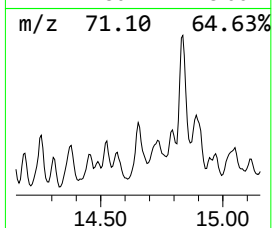
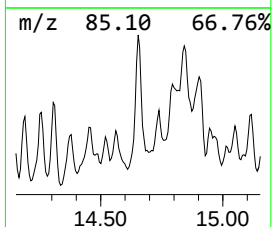
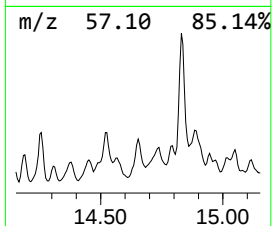
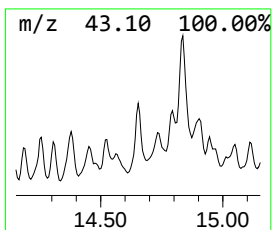
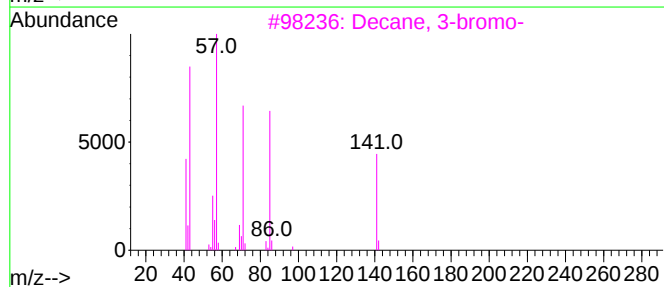
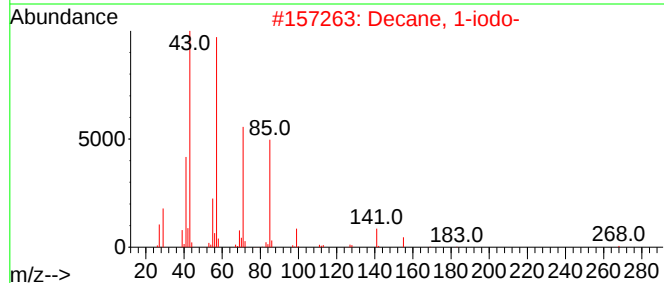
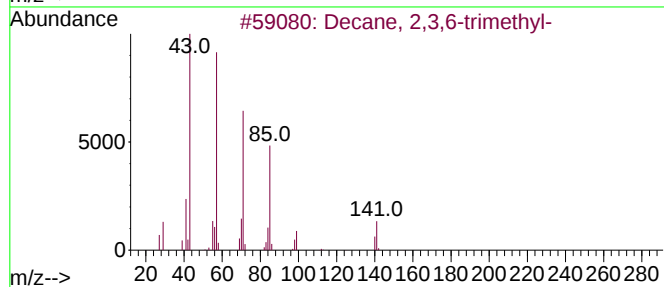
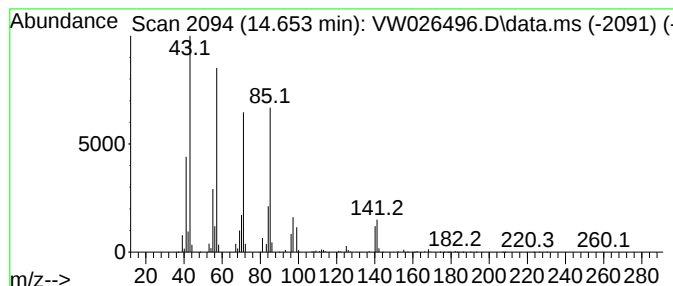
Instrument :
MSVOA_W
ClientSampleId :
A46X8

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 33 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.653	59.21 ug/L	1372210	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	83
2	Decane, 1-iodo-		268	C10H21I	002050-77-3	59
3	Decane, 3-bromo-		220	C10H21Br	030571-71-2	58
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	58
5	Tetradecane, 5-methyl-		212	C15H32	025117-32-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

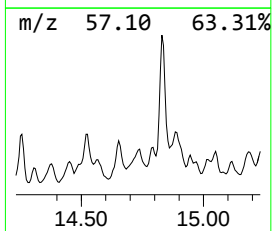
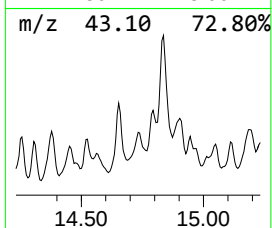
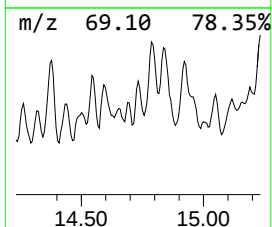
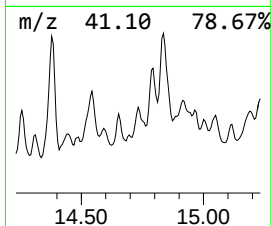
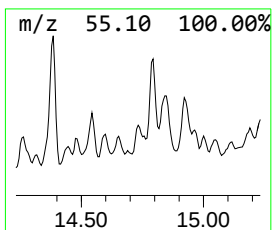
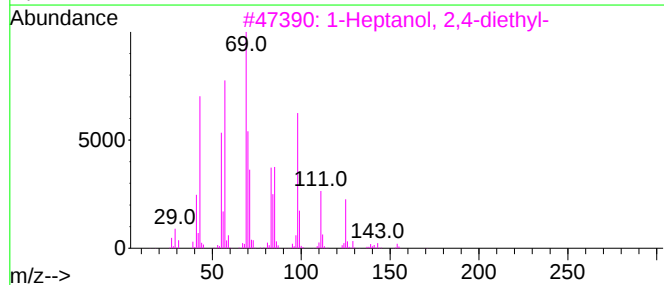
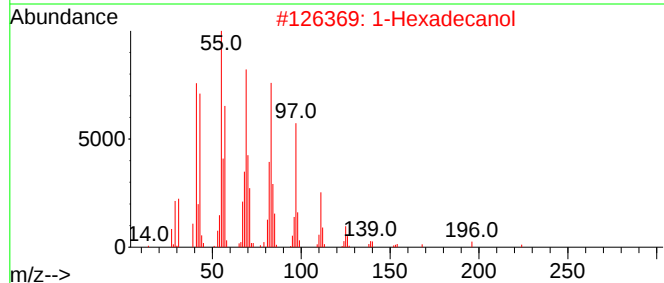
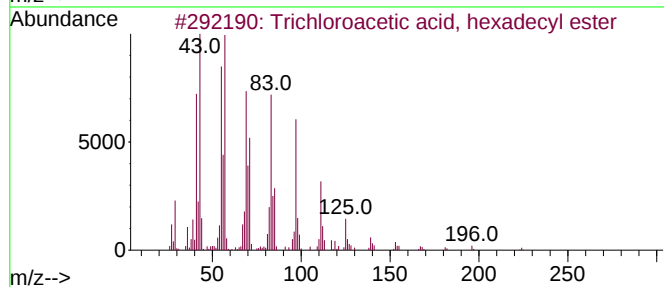
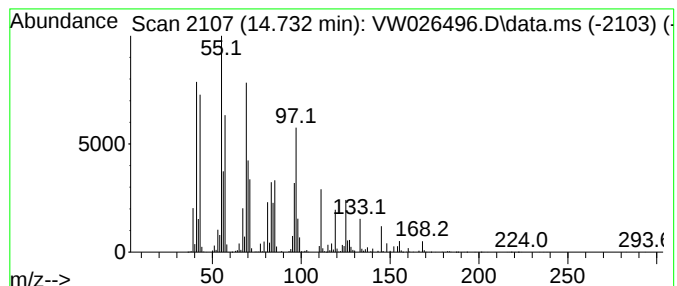
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Quant Title : SFAM01.0

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

Peak Number 34 Trichloroacetic acid, hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	98.87 ug/L	2291420	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72
2			1-Hexadecanol	242	C16H34O	036653-82-4	64
3			1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	53
4			1-Tricosene	322	C23H46	018835-32-0	46
5			Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

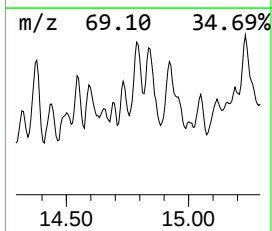
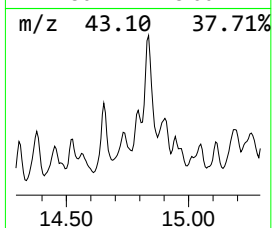
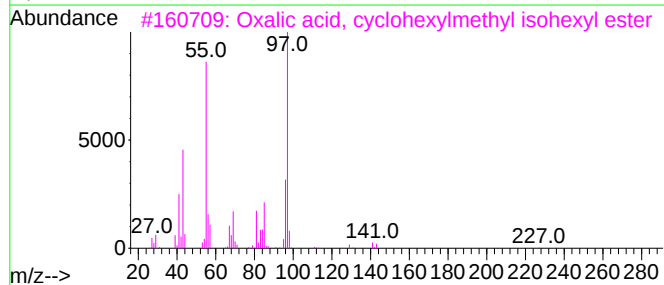
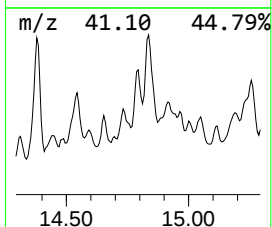
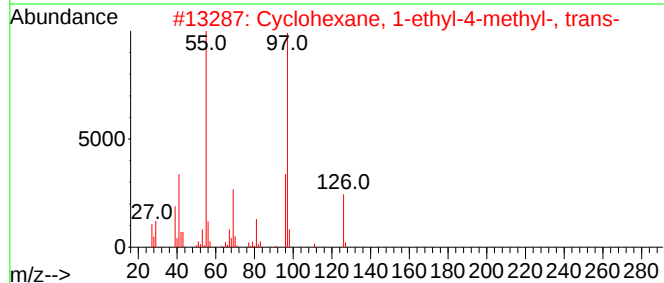
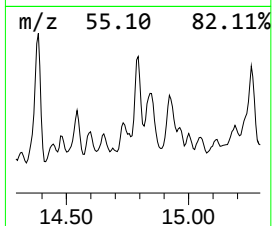
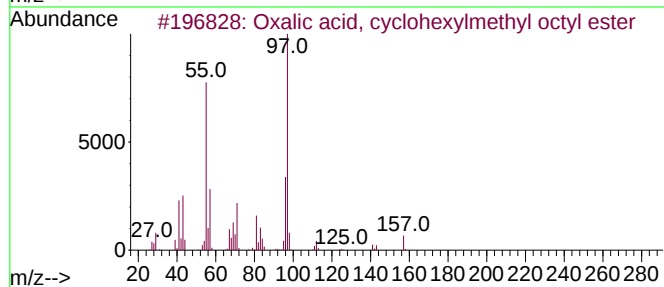
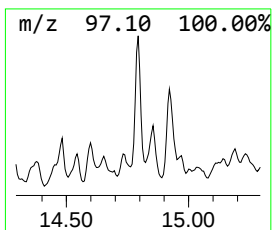
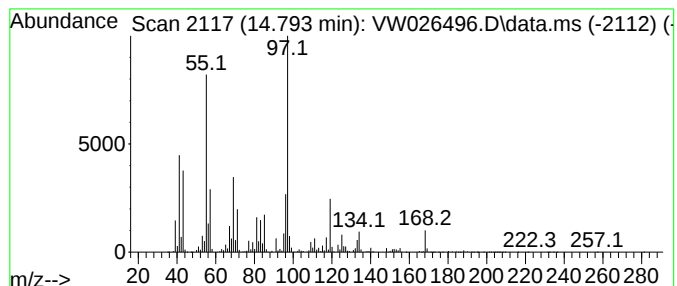
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Quant Title : SFAM01.0

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

Peak Number 35 Oxalic acid, cyclohexylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	215.73 ug/L	4999950	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	52
4			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

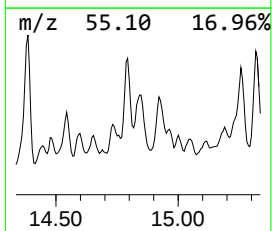
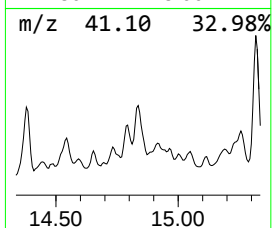
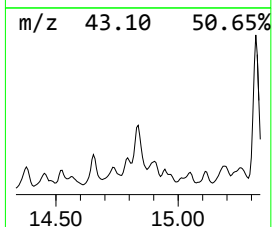
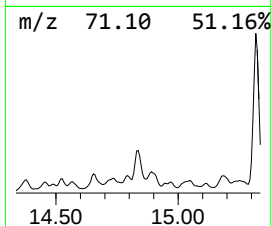
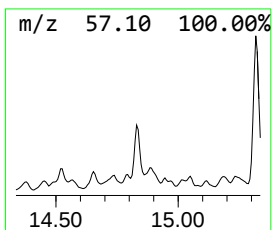
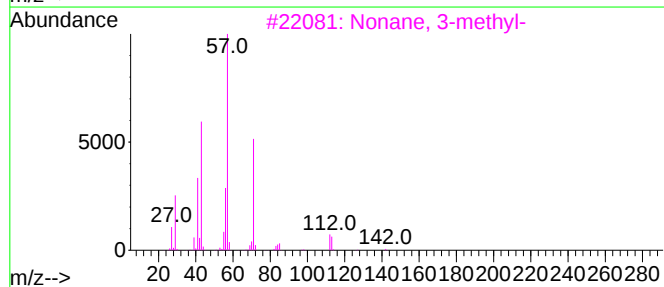
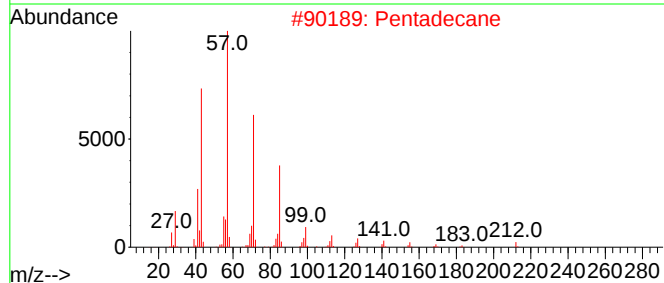
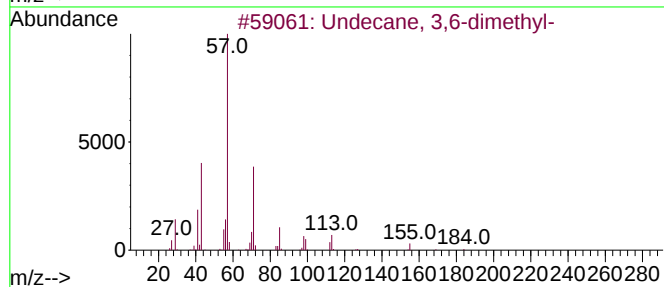
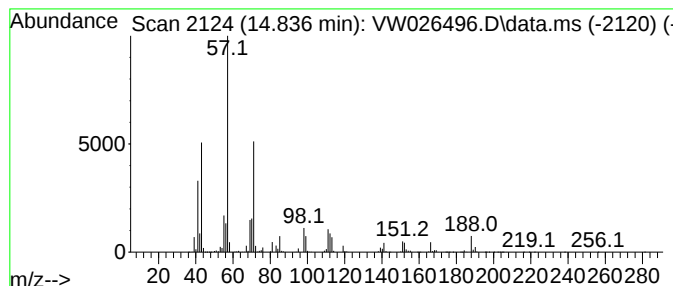
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	335.73 ug/L	7781040	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58
2		Pentadecane	212	C15H32	000629-62-9	50
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	49
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

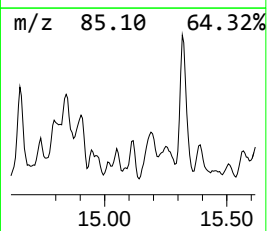
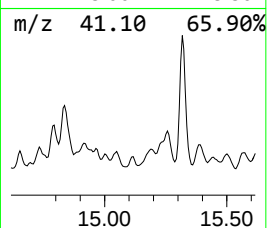
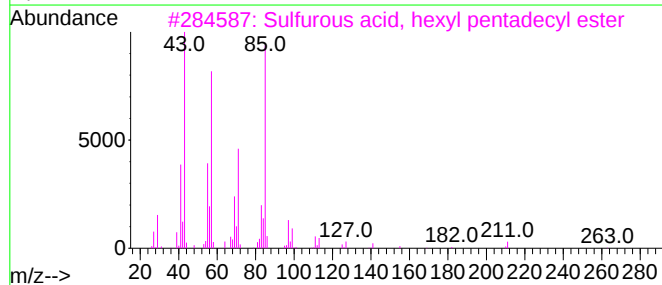
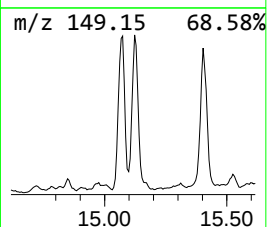
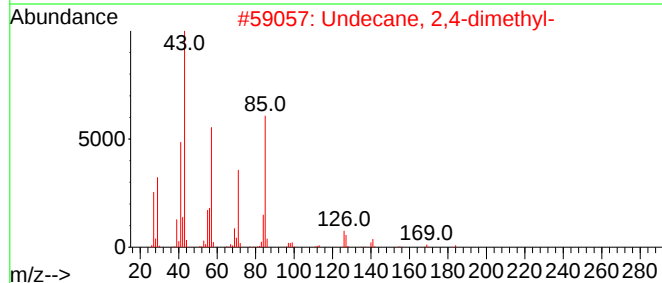
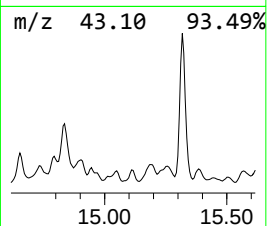
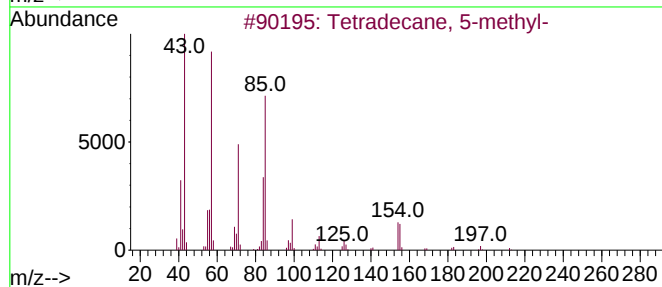
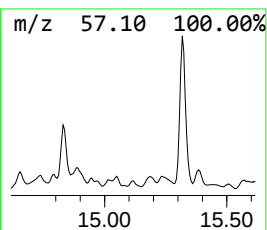
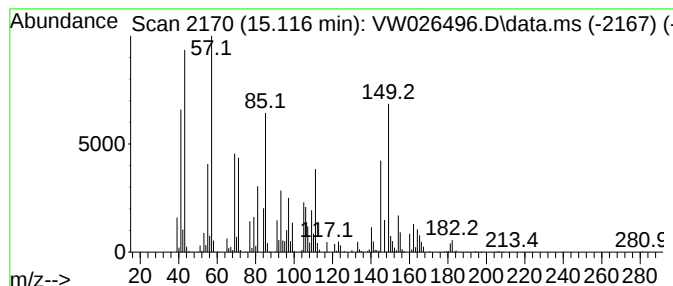
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	37.66 ug/L	872832	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	22
2		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	22
3		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	14
4		2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	14
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

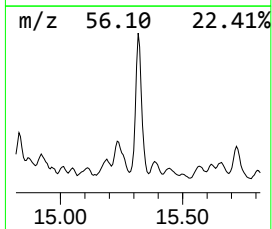
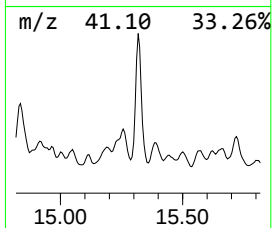
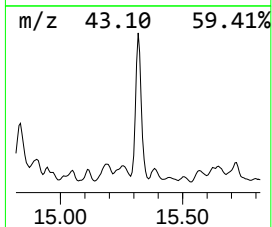
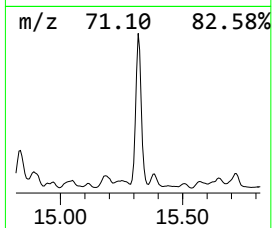
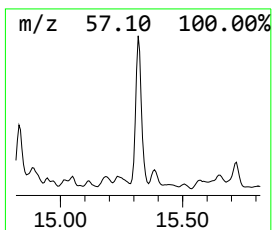
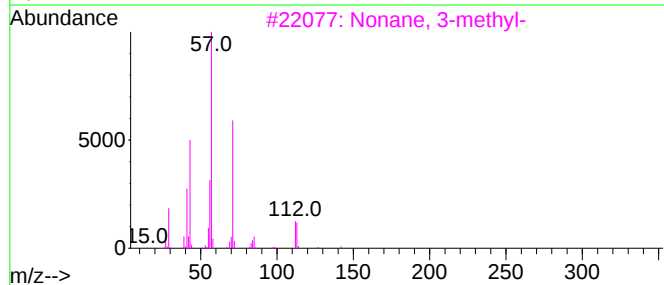
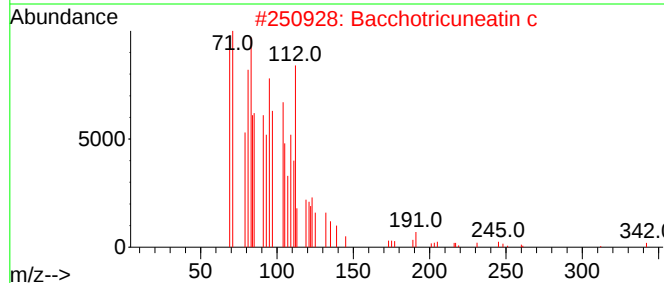
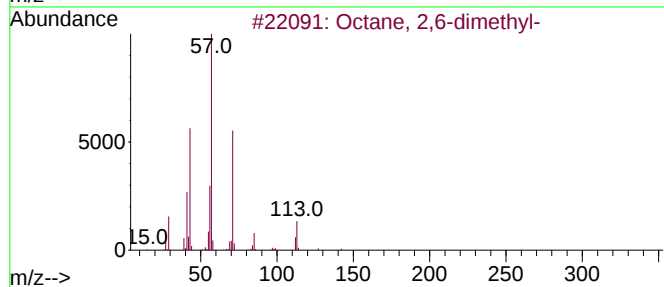
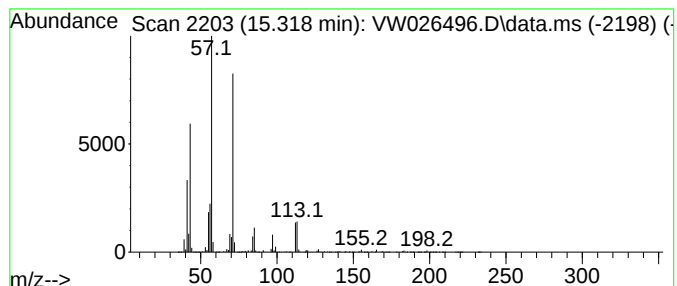
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	689.02 ug/L	15969300	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		Bacchotricuneatin c	342	C20H2205	066563-30-2	80
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

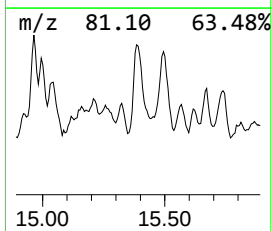
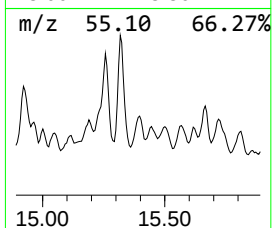
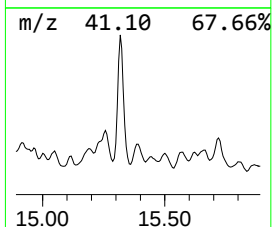
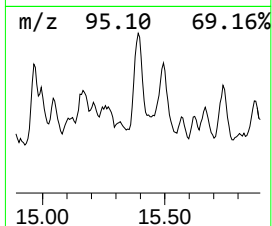
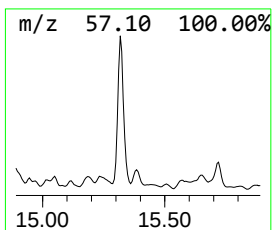
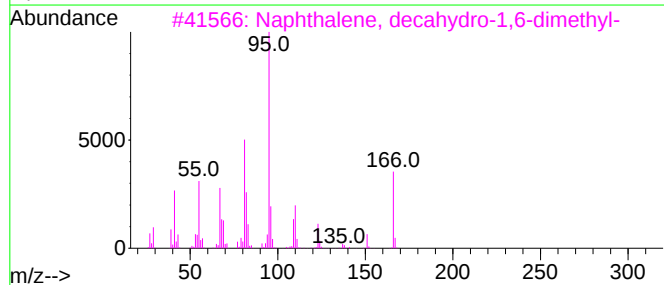
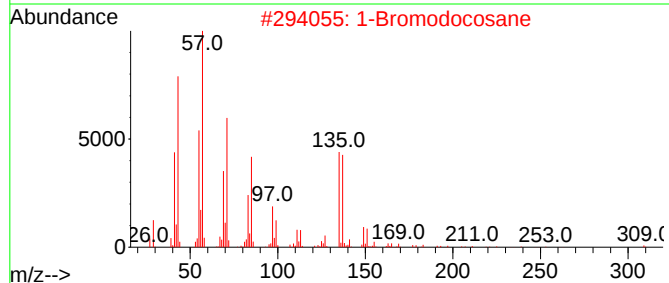
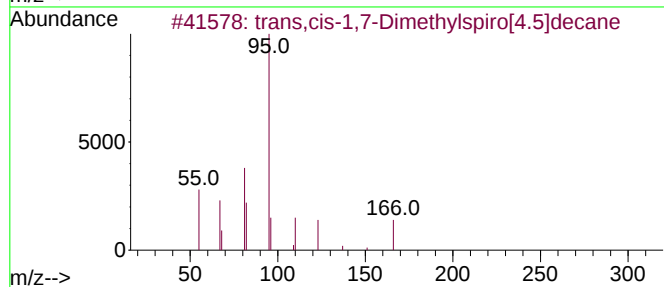
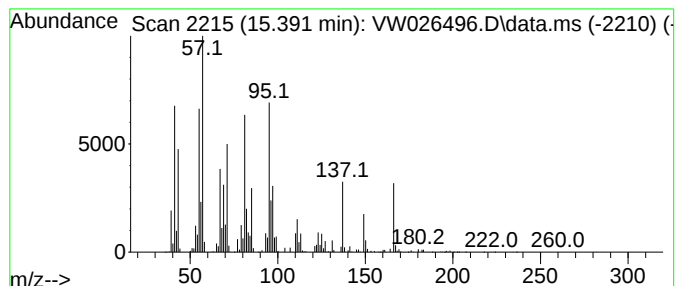
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Quant Title : SFAM01.0

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

Peak Number 39 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	160.62 ug/L	3722620	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1010111-72-7	41
2			1-Bromodocosane	388	C22H45Br	006938-66-5	30
3			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	30
4			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	25
5			Isobutyl tetratriacontyl ether	551	C38H78O	1000406-33-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

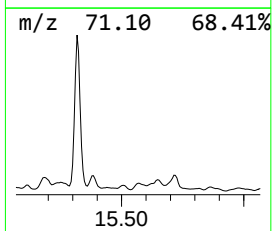
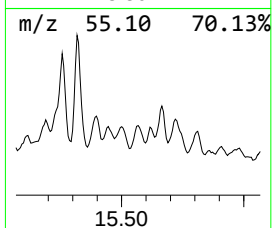
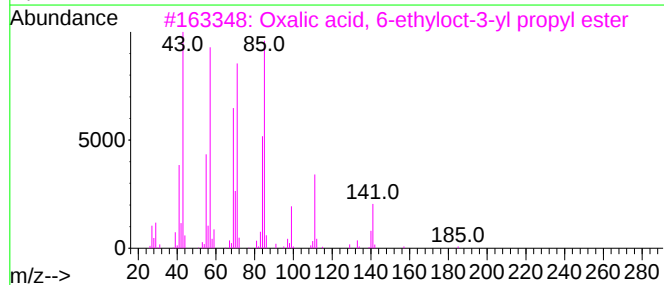
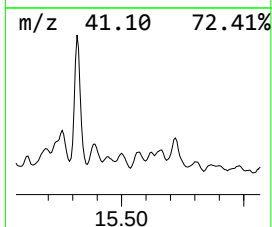
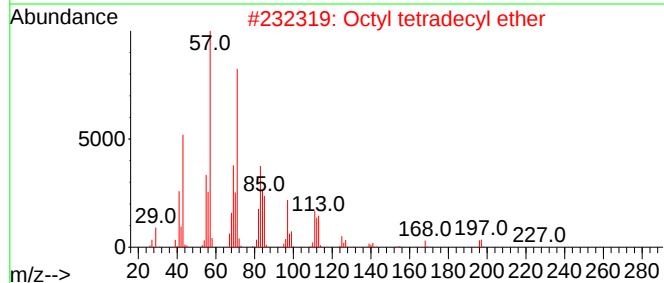
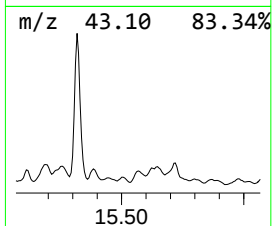
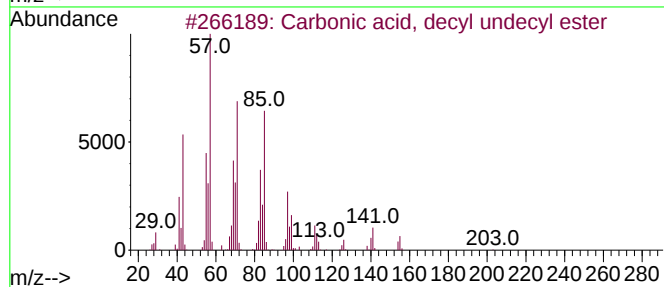
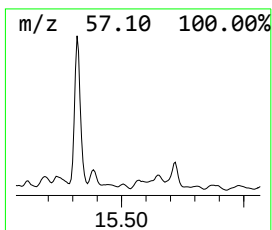
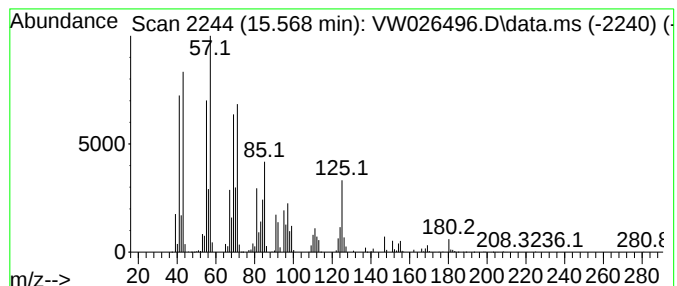
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Quant Title : SFAM01.0

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

Peak Number 40 Carbonic acid, decyl undecyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	82.26 ug/L	1906450	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	58
2			Octyl tetradecyl ether	326	C22H46O	1000406-38-5	49
3			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	47
4			2,3-Dimethyldodecane	198	C14H30	006117-98-2	43
5			Tetradecane	198	C14H30	000629-59-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

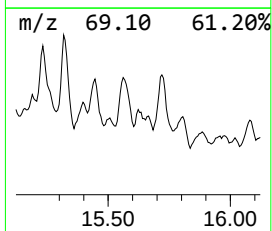
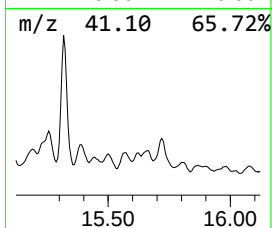
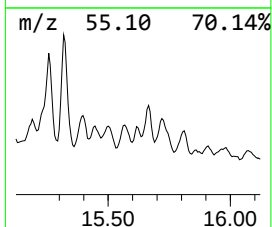
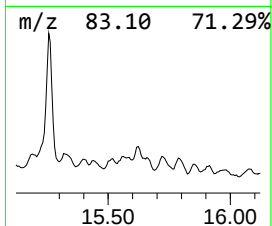
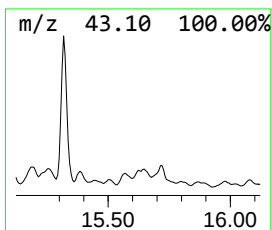
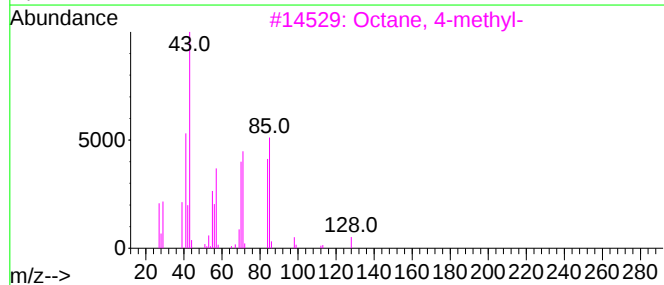
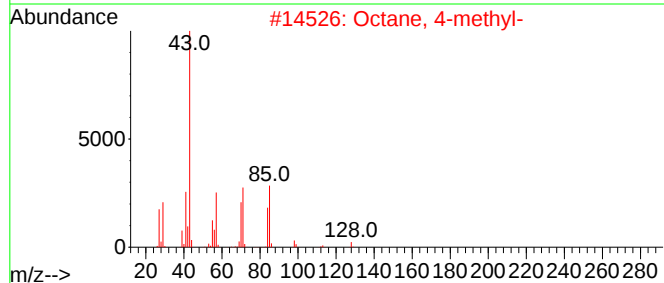
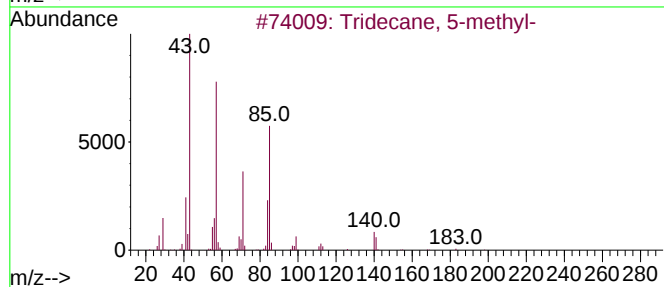
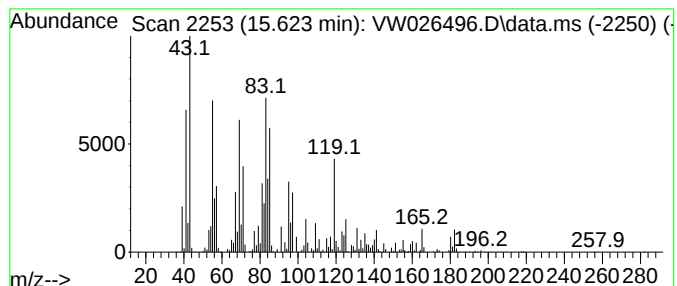
Instrument :
MSVOA_W
ClientSampleId :
A46X8

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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.623	45.05 ug/L	1044220	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-		198	C14H30	025117-31-1	38
2	Octane, 4-methyl-		128	C9H20	002216-34-4	30
3	Octane, 4-methyl-		128	C9H20	002216-34-4	30
4	Carbonic acid, nonyl prop-1-en-2...		228	C13H24O3	1000382-53-9	27
5	2-Hydroxy-2-methyl-but-3-enyl 2-...		184	C10H16O3	080758-67-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

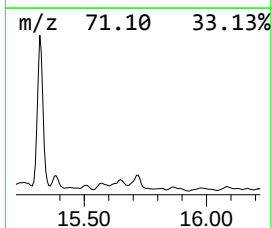
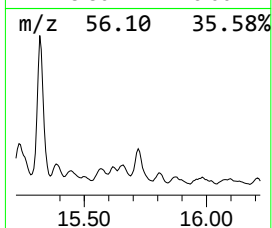
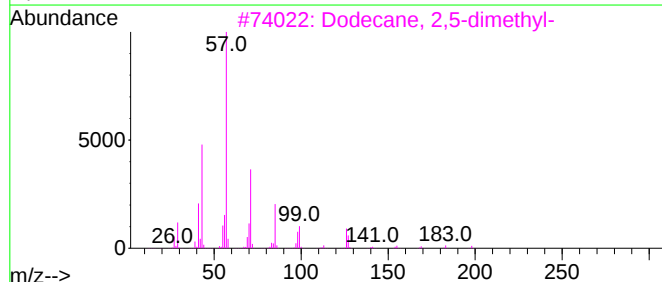
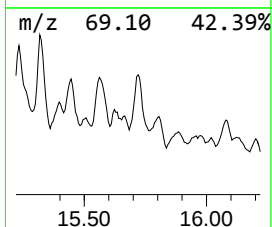
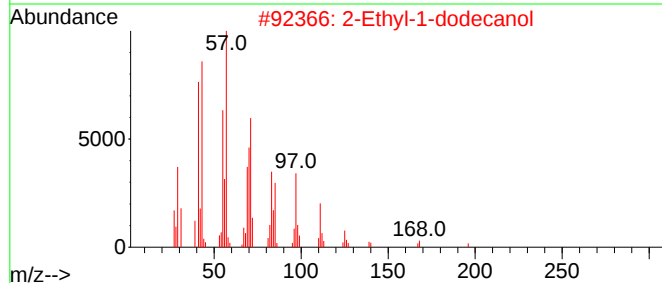
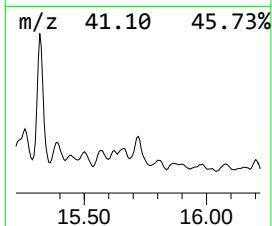
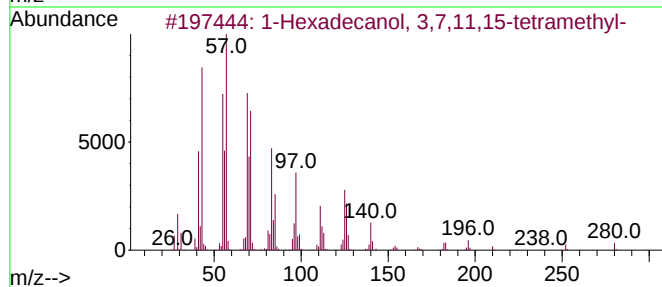
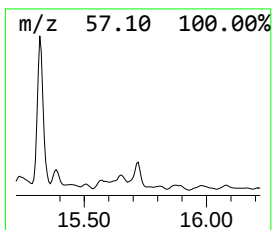
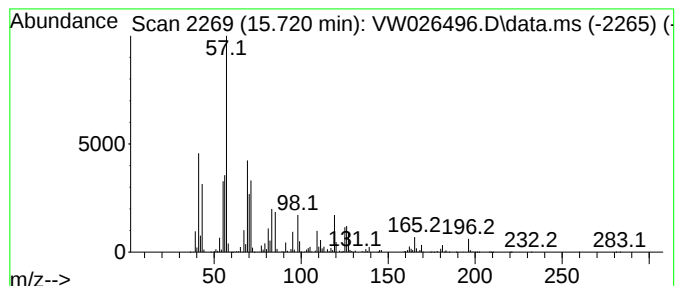
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	191.24 ug/L	4432240	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 3,7,11,15-tetrame...	298	C20H42O	000645-72-7	38		
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	27		
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	27		
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	27		
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	27		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

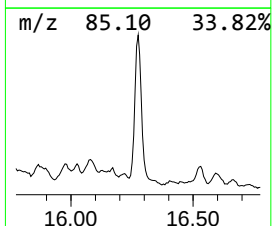
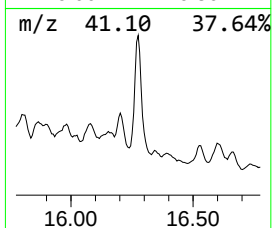
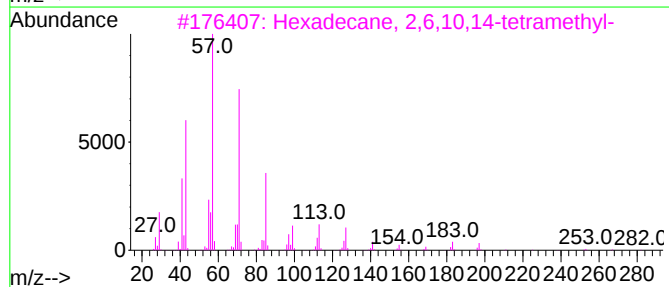
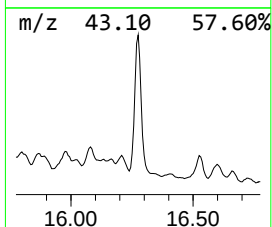
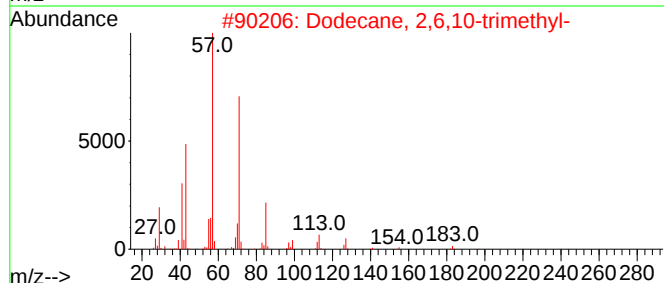
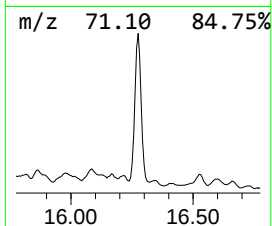
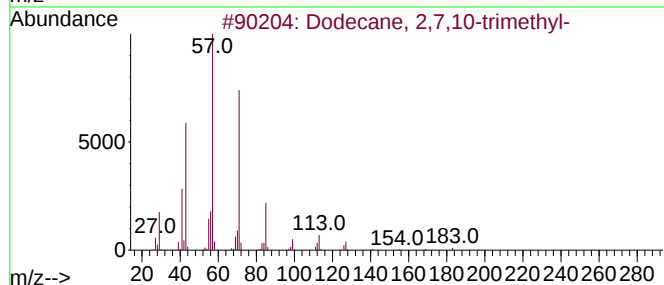
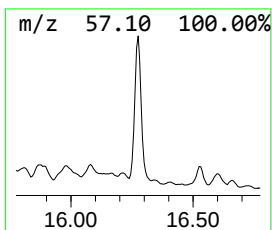
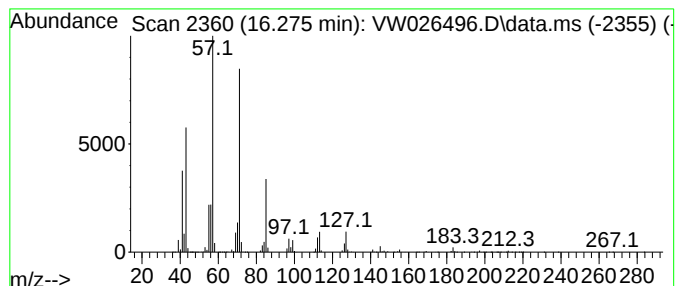
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Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	289.17 ug/L	6702000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026496.D
 Acq On : 01 Jul 2023 01:36
 Operator : SY/MD
 Sample : 03444-17
 Misc : 4.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X8

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	1.3	ug/L	78717	2	11.629	1465940	25.0
(DEL) Alkane: C...	11.227	2.8	ug/L	161874	2	11.629	1465940	25.0
(DEL) Alkane: S...	11.337	2.3	ug/L	133647	2	11.629	1465940	25.0
(DEL) Alkane: S...	11.507	3.9	ug/L	226788	2	11.629	1465940	25.0
(DEL) Alkane: C...	11.818	2.2	ug/L	126913	2	11.629	1465940	25.0
(DEL) Alkane: C...	11.873	5.0	ug/L	290011	2	11.629	1465940	25.0
(DEL) Alkane: C...	11.916	2.6	ug/L	151311	2	11.629	1465940	25.0
(DEL) Alkane: S...	12.056	3.0	ug/L	178954	2	11.629	1465940	25.0
(DEL) Alkane: S...	12.251	12.9	ug/L	754199	2	11.629	1465940	25.0
(DEL) Alkane: S...	12.361	35.2	ug/L	2063550	2	11.629	1465940	25.0
(DEL) Alkane: S...	12.617	25.8	ug/L	598117	3	13.556	579420	25.0
(DEL) Alkane: C...	12.775	42.4	ug/L	981973	3	13.556	579420	25.0
(DEL) Alkane: C...	12.855	34.1	ug/L	791600	3	13.556	579420	25.0
(DEL) Alkane: C...	12.934	136.6	ug/L	3166710	3	13.556	579420	25.0
(DEL) Alkane: S...	13.074	38.3	ug/L	887854	3	13.556	579420	25.0
(DEL) Alkane: S...	13.123	39.7	ug/L	921082	3	13.556	579420	25.0
(DEL) Alkane: S...	13.160	39.3	ug/L	911648	3	13.556	579420	25.0
(DEL) Alkane: S...	13.336	53.7	ug/L	1243600	3	13.556	579420	25.0
(DEL) Alkane: C...	13.446	177.2	ug/L	4107810	3	13.556	579420	25.0
unknown-01	13.477	51.3	ug/L	1188260	3	13.556	579420	25.0
(DEL) Alkane: C...	13.696	79.5	ug/L	1841370	3	13.556	579420	25.0
Sulfurous acid,...	13.916	99.2	ug/L	2300120	3	13.556	579420	25.0
(DEL) Alkane: C...	13.977	96.7	ug/L	2241840	3	13.556	579420	25.0
(DEL) Alkane: S...	14.019	47.3	ug/L	1097270	3	13.556	579420	25.0
(DEL) Alkane: S...	14.190	83.2	ug/L	1927590	3	13.556	579420	25.0
unknown-02	14.257	145.1	ug/L	3362000	3	13.556	579420	25.0
(DEL) Alkane: S...	14.312	50.6	ug/L	1172520	3	13.556	579420	25.0
Cyclohexane, 2-...	14.379	412.1	ug/L	9551740	3	13.556	579420	25.0
Benzene, 1-meth...	14.489	43.6	ug/L	1011540	3	13.556	579420	25.0
Naphthalene, de...	14.543	235.5	ug/L	5458010	3	13.556	579420	25.0
unknown-03	14.598	56.7	ug/L	1314300	3	13.556	579420	25.0
(DEL) Alkane: S...	14.653	59.2	ug/L	1372210	3	13.556	579420	25.0
Trichloroacetic...	14.732	98.9	ug/L	2291420	3	13.556	579420	25.0
Oxalic acid, cy...	14.793	215.7	ug/L	4999950	3	13.556	579420	25.0
(DEL) Alkane: S...	14.836	335.7	ug/L	7781040	3	13.556	579420	25.0
(DEL) Alkane: S...	15.117	37.7	ug/L	872832	3	13.556	579420	25.0
(DEL) Alkane: S...	15.318	689.0	ug/L	15969300	3	13.556	579420	25.0
unknown-04	15.391	160.6	ug/L	3722620	3	13.556	579420	25.0
Carbonic acid, ...	15.568	82.3	ug/L	1906450	3	13.556	579420	25.0
(DEL) Alkane: S...	15.623	45.0	ug/L	1044220	3	13.556	579420	25.0
unknown-05	15.720	191.2	ug/L	4432240	3	13.556	579420	25.0
(DEL) Alkane: S...	16.275	289.2	ug/L	6702000	3	13.556	579420	25.0