

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026395.D
 Acq On : 28 Jun 2023 13:56
 Operator : SY/MD
 Sample : 03420-07
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4646

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VW026395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	37	42	46	rBV	34569	58521	0.88%	0.078%
2	2.357	67	77	88	rBV	142302	333640	5.02%	0.443%
3	2.631	119	122	127	rBV7	6073	10417	0.16%	0.014%
4	2.887	158	164	178	rBV	121612	354612	5.33%	0.471%
5	4.015	339	349	359	rBV	274833	811457	12.20%	1.078%
6	4.118	359	366	380	rVV	130086	367660	5.53%	0.489%
7	4.381	402	409	418	rBV2	9820	29305	0.44%	0.039%
8	4.923	484	498	506	rBV3	13661	56621	0.85%	0.075%
9	5.429	574	581	583	rBV8	2490	5149	0.08%	0.007%
10	5.941	653	665	672	rBV8	8370	24505	0.37%	0.033%
11	7.075	843	851	859	rBV	93288	262136	3.94%	0.348%
12	7.173	860	867	877	rVB2	50793	150831	2.27%	0.200%
13	7.526	922	925	932	rBV9	1933	4305	0.06%	0.006%
14	7.648	934	945	958	rBV	414753	1018250	15.31%	1.353%
15	7.929	982	991	992	rBV8	6774	12874	0.19%	0.017%
16	8.032	1000	1008	1013	rBV8	5516	13221	0.20%	0.018%
17	8.160	1022	1029	1034	rBV6	9394	19700	0.30%	0.026%
18	8.276	1036	1048	1065	rBV2	830003	2465211	37.06%	3.276%
19	8.477	1077	1081	1091	rVB3	6144	16058	0.24%	0.021%
20	8.569	1091	1096	1101	rVB8	4915	10764	0.16%	0.014%
21	8.703	1111	1118	1123	rBV9	5325	11710	0.18%	0.016%
22	8.843	1131	1141	1152	rBV	892104	1778960	26.74%	2.364%
23	9.063	1173	1177	1179	rBV4	6502	9149	0.14%	0.012%
24	9.270	1203	1211	1219	rBV	567535	1189958	17.89%	1.581%
25	9.331	1219	1221	1227	rVV2	36351	65930	0.99%	0.088%
26	9.386	1227	1230	1237	rVB4	11814	22584	0.34%	0.030%
27	9.514	1248	1251	1257	rVB8	3066	4870	0.07%	0.006%
28	9.660	1272	1275	1278	rBV5	4691	6071	0.09%	0.008%
29	9.752	1284	1290	1296	rVB3	17067	34410	0.52%	0.046%
30	9.892	1306	1313	1318	rBV3	17628	33135	0.50%	0.044%
31	9.953	1318	1323	1326	rBV4	15841	29602	0.44%	0.039%
32	10.032	1331	1336	1342	rVV	298690	524348	7.88%	0.697%
33	10.093	1343	1346	1358	rVB3	24069	61994	0.93%	0.082%
34	10.203	1360	1364	1366	rBV5	3349	4478	0.07%	0.006%
35	10.245	1366	1371	1376	rVB3	18671	32711	0.49%	0.043%
36	10.325	1376	1384	1393	rBV	1050166	1894319	28.47%	2.517%

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 Title : SFAM01.0

37	10.501	1407	1413	1419	rVB6	13674	34685	0.52%	0.046%
38	10.575	1419	1425	1435	rBV	188964	343528	5.16%	0.457%
39	10.660	1435	1439	1443	rVV3	12831	21506	0.32%	0.029%
40	10.696	1443	1445	1449	rVB3	7352	7699	0.12%	0.010%
41	10.764	1449	1456	1462	rBV6	15233	40287	0.61%	0.054%
42	10.843	1465	1469	1475	rVB3	29026	52572	0.79%	0.070%
43	10.922	1475	1482	1492	rBV2	343226	646939	9.72%	0.860%
44	11.032	1495	1500	1508	rBV	42424	86777	1.30%	0.115%
45	11.105	1508	1512	1516	rBV6	13725	19536	0.29%	0.026%
46	11.178	1520	1524	1527	rBV	20137	29130	0.44%	0.039%
47	11.227	1527	1532	1537	rVB	58033	95092	1.43%	0.126%
48	11.282	1537	1541	1545	rBV4	10222	13468	0.20%	0.018%
49	11.337	1545	1550	1554	rBV2	57385	93969	1.41%	0.125%
50	11.379	1554	1557	1563	rVV3	27595	55275	0.83%	0.073%
51	11.434	1563	1566	1573	rVB	40865	65860	0.99%	0.088%
52	11.507	1573	1578	1589	rVB2	68848	132797	2.00%	0.176%
53	11.629	1589	1598	1605	rBV	1015844	1732312	26.04%	2.302%
54	11.763	1616	1620	1623	rBV2	23355	36141	0.54%	0.048%
55	11.812	1623	1628	1633	rBV2	48572	92585	1.39%	0.123%
56	11.873	1633	1638	1642	rBV2	121385	214477	3.22%	0.285%
57	11.916	1642	1645	1650	rVB2	66794	97431	1.46%	0.129%
58	11.971	1650	1654	1655	rBV2	31949	38714	0.58%	0.051%
59	12.001	1656	1659	1663	rBV2	22702	31372	0.47%	0.042%
60	12.056	1663	1668	1673	rVB3	112608	184197	2.77%	0.245%
61	12.135	1673	1681	1687	rBV3	300467	664785	9.99%	0.883%
62	12.184	1687	1689	1692	rVB2	46936	45119	0.68%	0.060%
63	12.251	1692	1700	1704	rVB	461256	846805	12.73%	1.125%
64	12.361	1704	1718	1725	rBV3	541710	1794283	26.97%	2.385%
65	12.501	1729	1741	1750	rVB3	334990	1006507	15.13%	1.338%
66	12.586	1751	1755	1757	rBV	113263	166076	2.50%	0.221%
67	12.690	1765	1772	1777	rBV2	576719	1187918	17.86%	1.579%
68	12.745	1778	1781	1783	rVV2	102479	140580	2.11%	0.187%
69	12.775	1783	1786	1792	rVB4	356419	633815	9.53%	0.842%
70	12.861	1792	1800	1804	rBV5	277653	689600	10.37%	0.916%
71	12.940	1805	1813	1818	rBV6	670075	1819758	27.35%	2.418%
72	12.989	1818	1821	1826	rVB2	342803	521826	7.84%	0.693%
73	13.074	1826	1835	1839	rBV	678632	1289489	19.38%	1.714%
74	13.123	1839	1843	1847	rBV2	562794	1002125	15.06%	1.332%
75	13.184	1847	1853	1856	rBV4	258451	517007	7.77%	0.687%
76	13.287	1863	1870	1874	rBV	894591	1518396	22.82%	2.018%

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77	13.342	1874	1879	1882	rVV2	669369	1136116	17.08%	1.510%
78	13.409	1886	1890	1892	rVV3	653483	1123542	16.89%	1.493%
79	13.440	1892	1895	1899	rVV2	1207814	2183663	32.82%	2.902%
80	13.483	1899	1902	1908	rVV4	581791	1138190	17.11%	1.513%
81	13.556	1910	1914	1917	rVV	786406	1243885	18.70%	1.653%
82	13.592	1917	1920	1931	rVB3	694182	1607656	24.17%	2.137%
83	13.690	1931	1936	1941	rBV5	485055	1022295	15.37%	1.359%
84	13.873	1958	1966	1970	rBV3	1651368	3949785	59.37%	5.249%
85	13.915	1970	1973	1978	rVV3	928379	1461621	21.97%	1.942%
86	13.976	1979	1983	1986	rVV2	896039	1290777	19.40%	1.715%
87	14.190	2014	2018	2022	rBV	638062	985068	14.81%	1.309%
88	14.257	2024	2029	2034	rVV3	1149013	1965480	29.54%	2.612%
89	14.312	2035	2038	2042	rVB3	544456	766777	11.53%	1.019%
90	14.379	2042	2049	2055	rBV3	2701912	5220599	78.47%	6.938%
91	14.488	2064	2067	2069	rBV3	414526	602859	9.06%	0.801%
92	14.543	2073	2076	2081	rVB2	1172892	1745110	26.23%	2.319%
93	14.653	2091	2094	2099	rVB	435015	535418	8.05%	0.712%
94	14.738	2104	2108	2112	rBV3	530801	967804	14.55%	1.286%
95	14.793	2113	2117	2121	rVV2	1247478	2404017	36.14%	3.195%
96	14.848	2121	2126	2131	rVB4	1341927	2734437	41.10%	3.634%
97	15.318	2198	2203	2209	rVB	4187497	6652634	100.00%	8.841%
98	15.397	2210	2216	2220	rBV4	700210	1618684	24.33%	2.151%
99	15.860	2289	2292	2295	rBV3	223589	359676	5.41%	0.478%
100	16.275	2355	2360	2369	rVB	1441315	2790783	41.95%	3.709%

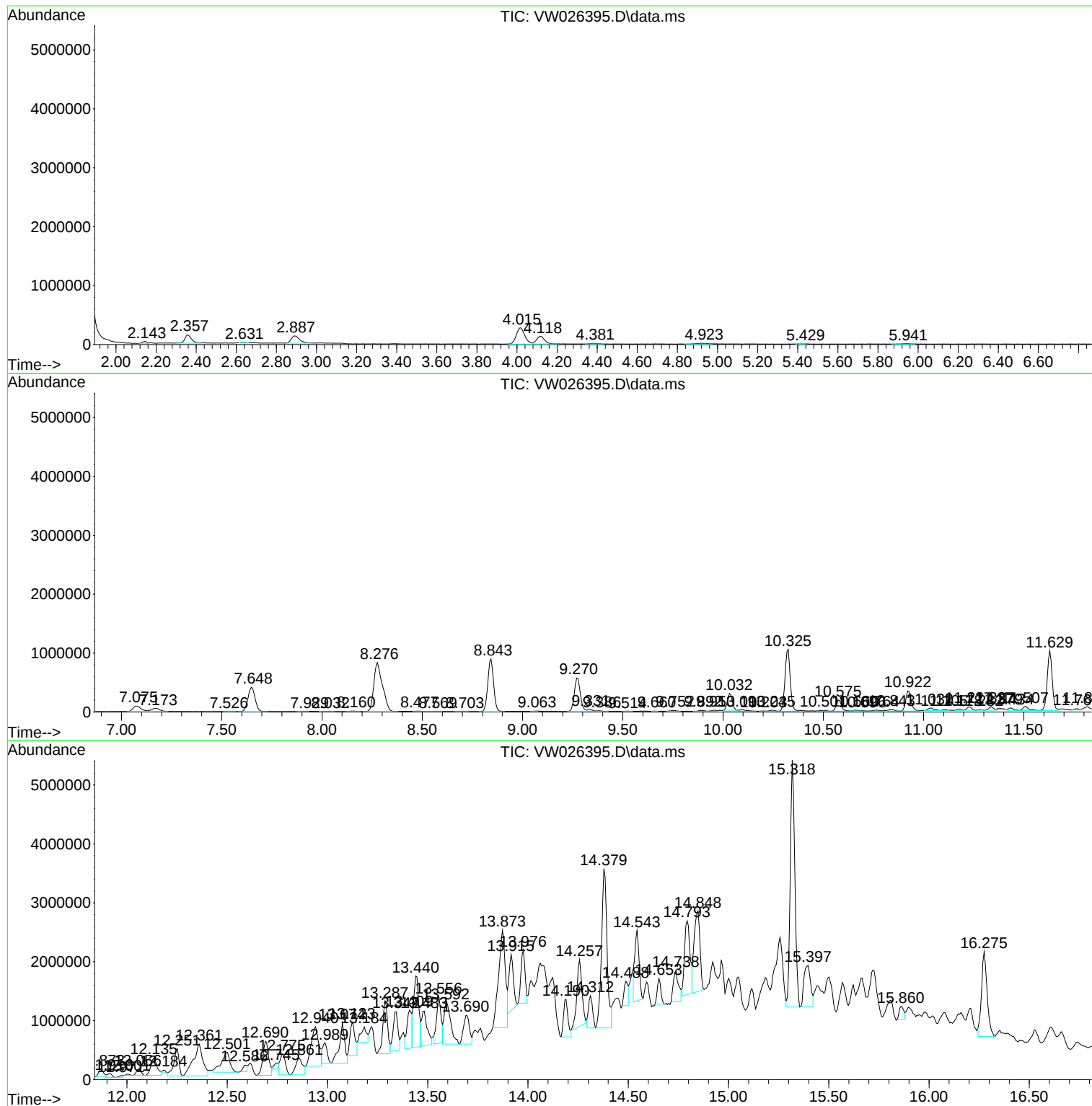
Sum of corrected areas: 75246780

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

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



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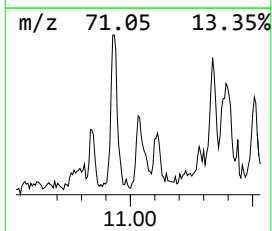
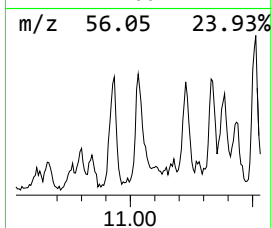
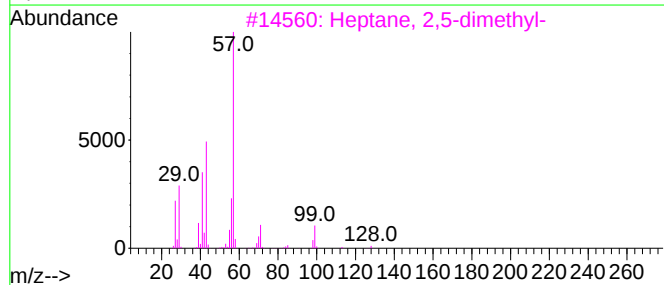
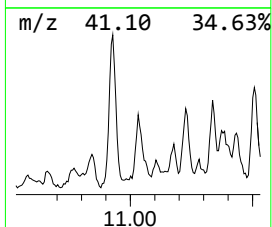
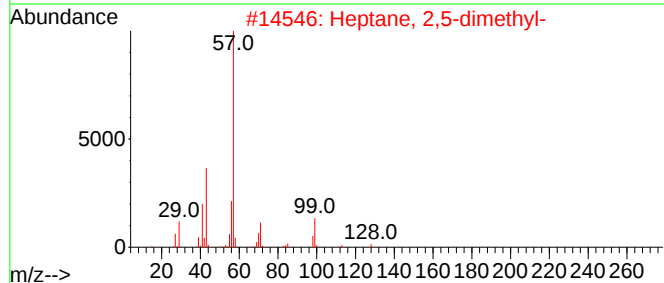
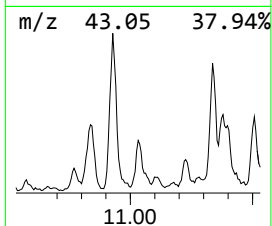
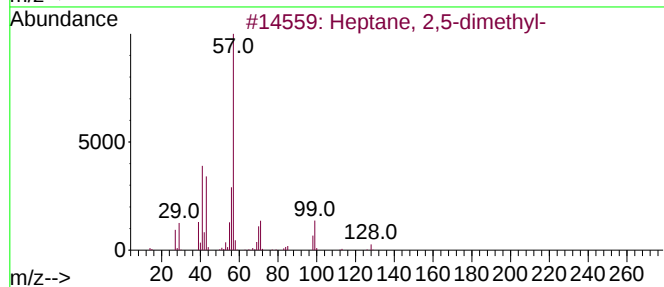
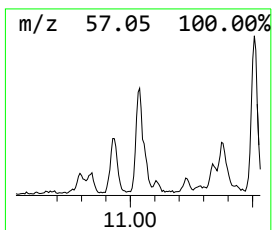
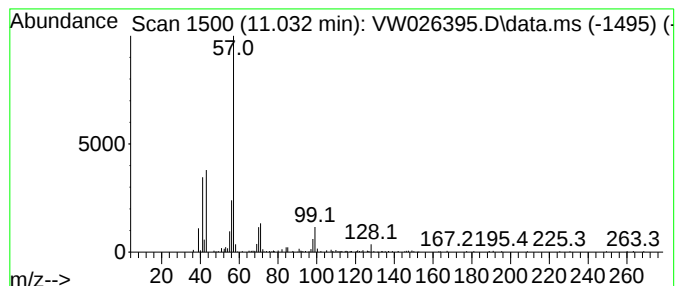
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	1.25 ug/L	86777	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59



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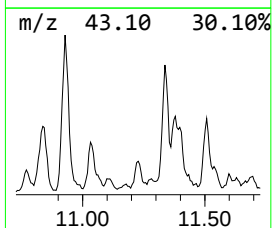
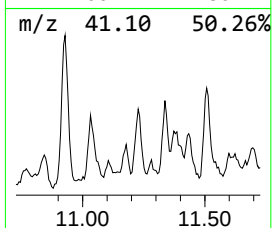
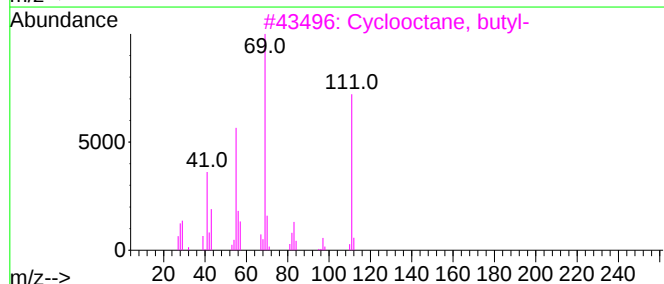
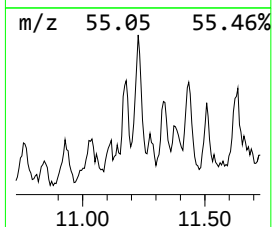
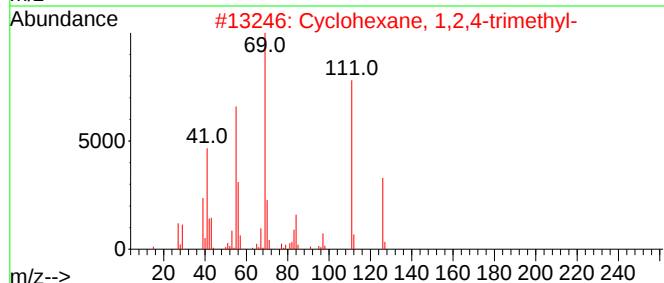
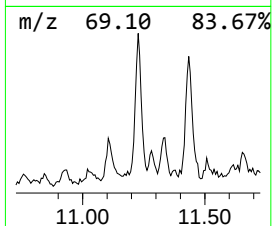
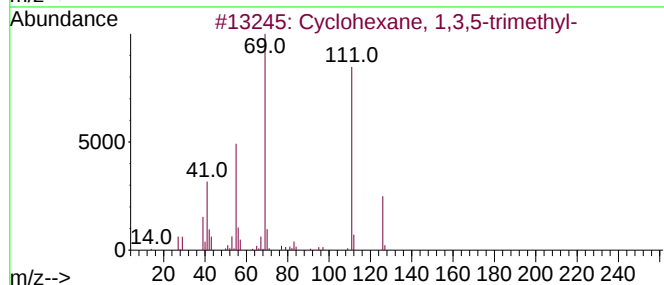
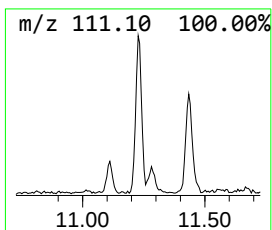
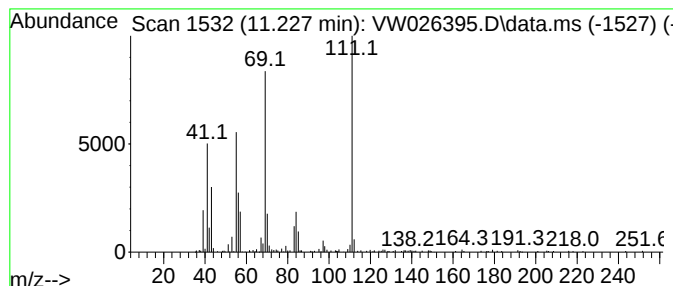
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic11.227 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.227	1.37 ug/L	95092	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-		126	C9H18	001839-63-0	59
2	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	53
3	Cyclooctane, butyl-		168	C12H24	016538-93-5	53
4	5-Nonanol, pentafluoropropionate		290	C12H19F5O2	1000463-47-9	43
5	1-Hexene, 3,3,5-trimethyl-		126	C9H18	013427-43-5	43



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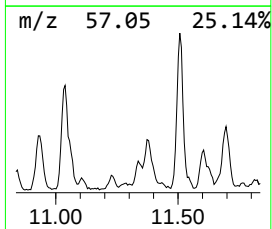
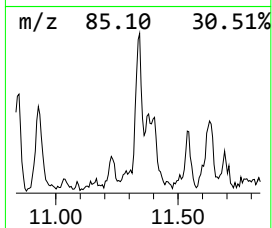
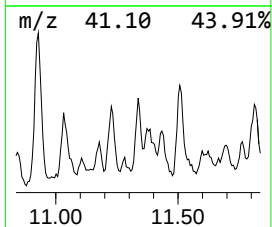
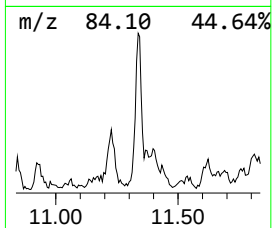
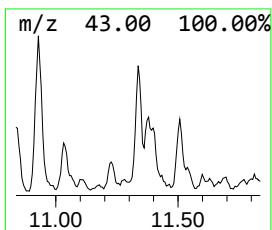
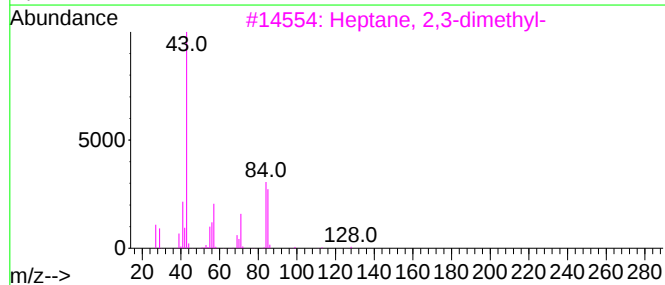
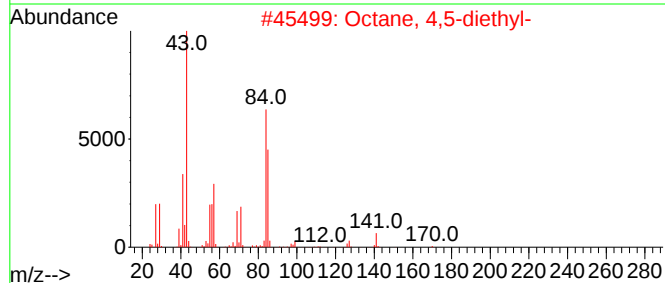
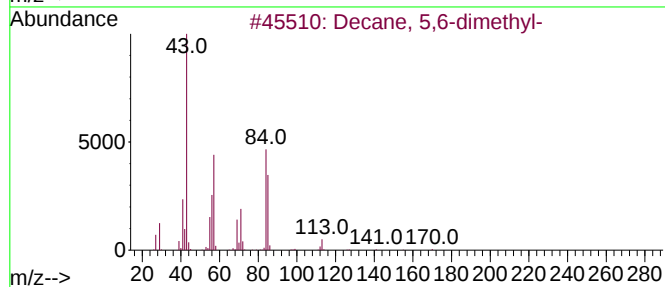
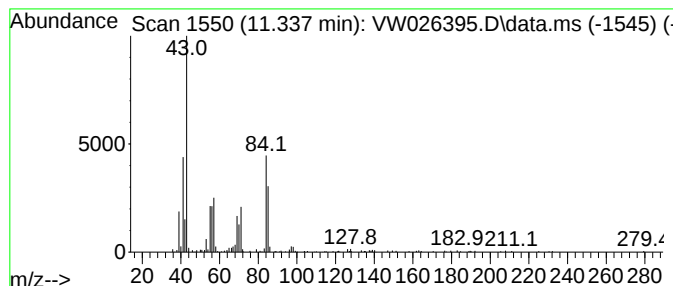
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.337	1.36 ug/L	93969	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	87
2	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	78
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	78
4	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	72
5	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

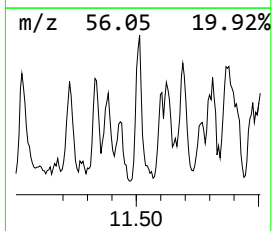
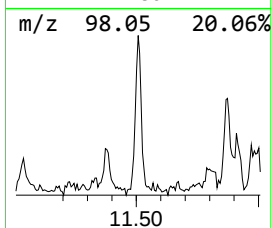
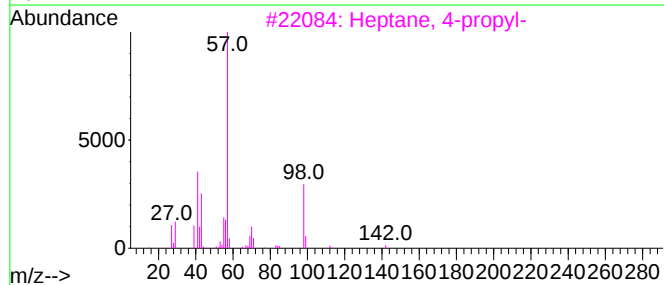
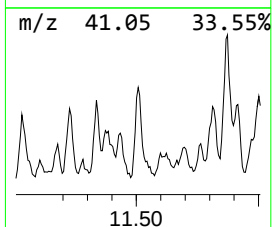
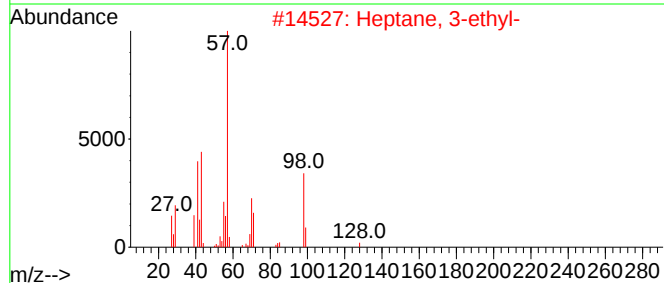
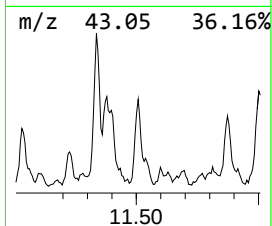
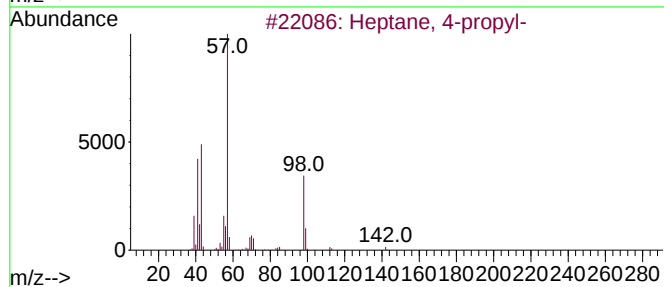
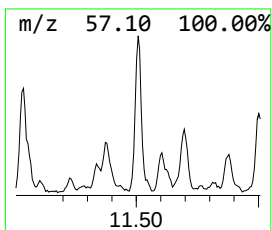
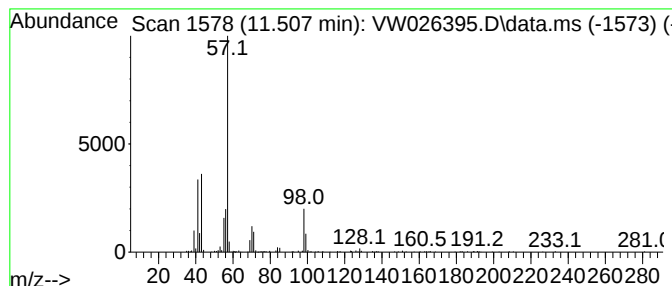
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.507	1.92 ug/L	132797	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-		142	C10H22	003178-29-8	64
2	Heptane, 3-ethyl-		128	C9H20	015869-80-4	60
3	Heptane, 4-propyl-		142	C10H22	003178-29-8	59
4	Octane, 3-methyl-		128	C9H20	002216-33-3	59
5	Octane, 3-methyl-		128	C9H20	002216-33-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

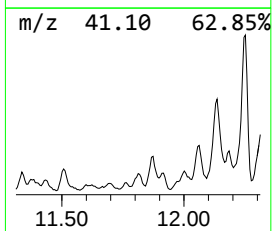
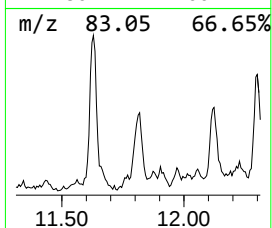
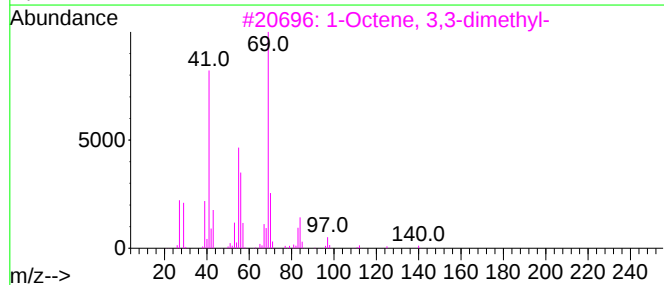
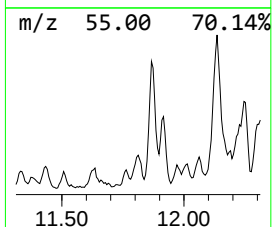
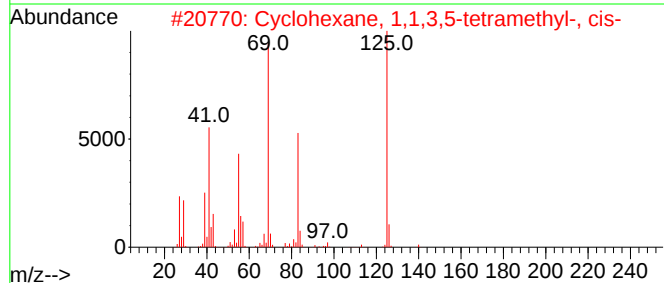
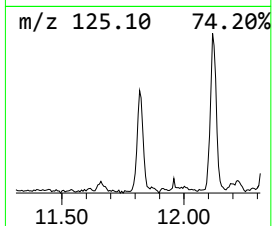
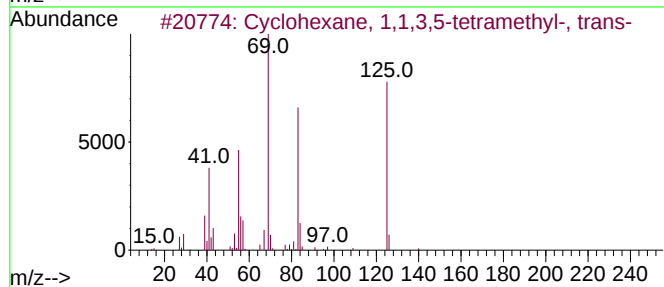
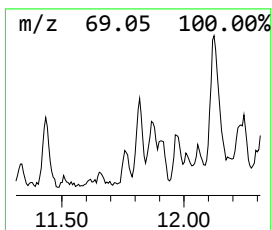
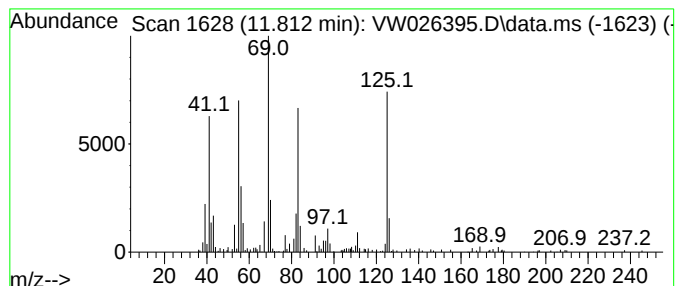
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.812 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.812	1.34 ug/L	92585	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	80
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	72
3	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	50
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	49
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

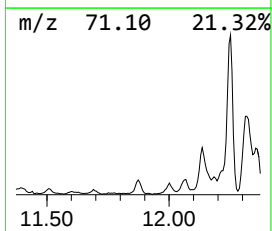
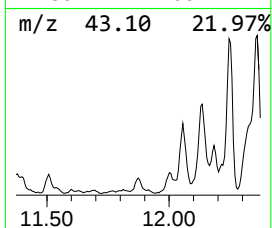
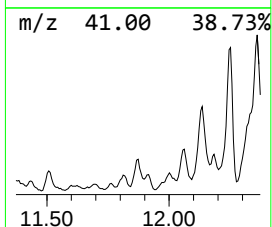
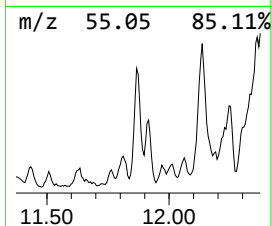
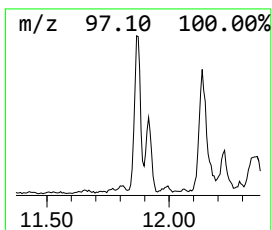
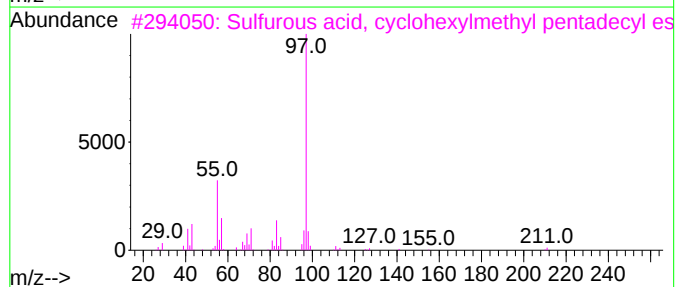
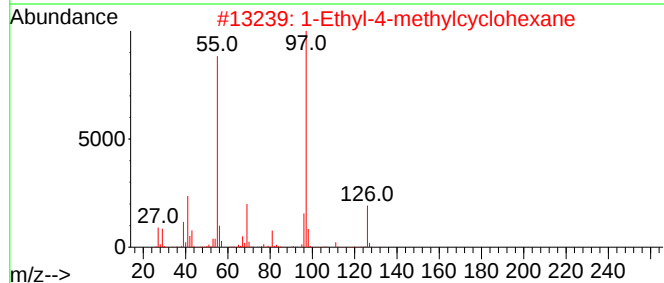
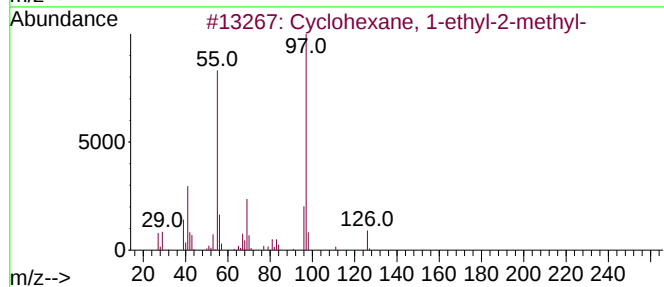
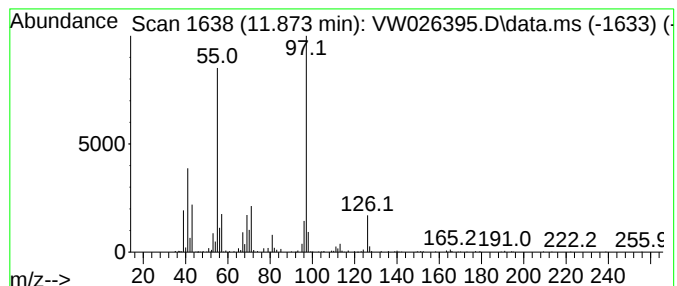
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.873 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	3.10 ug/L	214477	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81
3			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	76
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

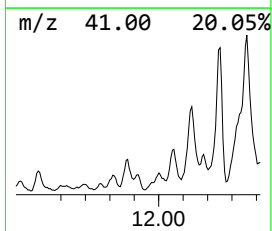
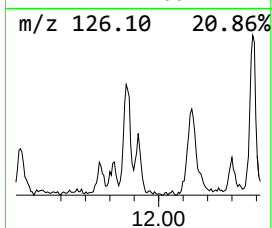
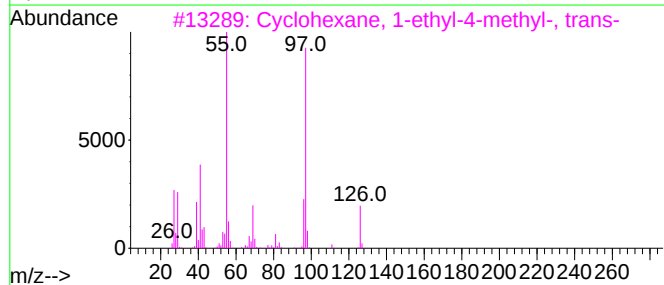
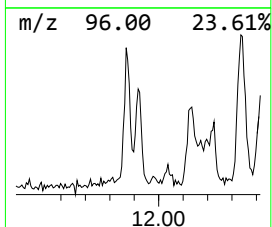
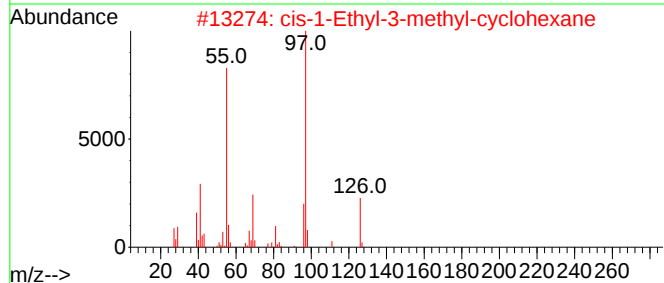
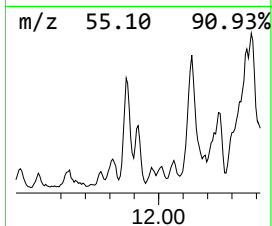
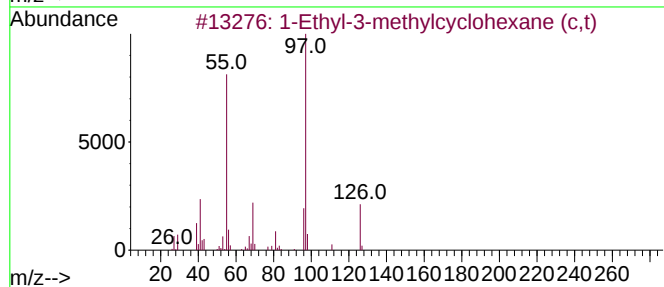
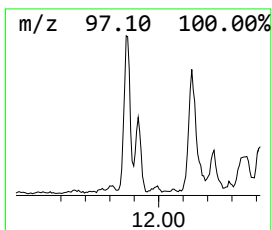
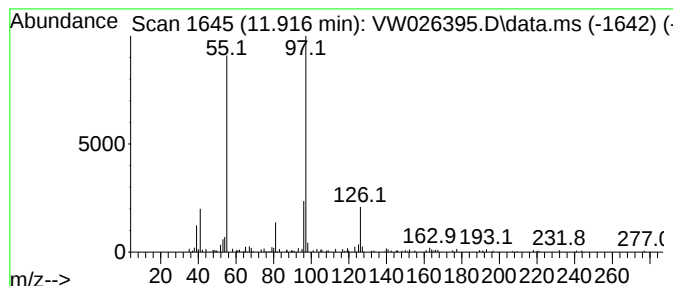
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Quant Title : SFAM01.0

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	1.41 ug/L	97431	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	86
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

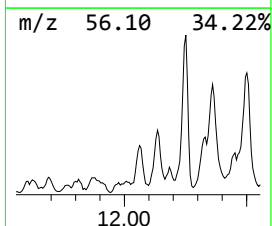
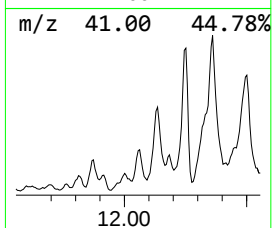
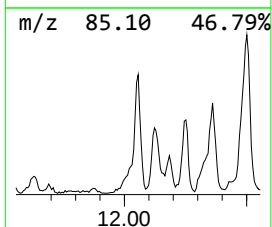
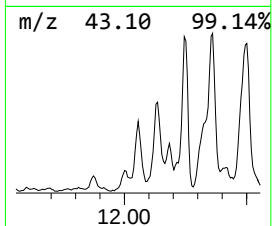
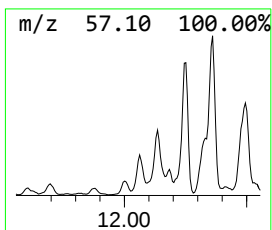
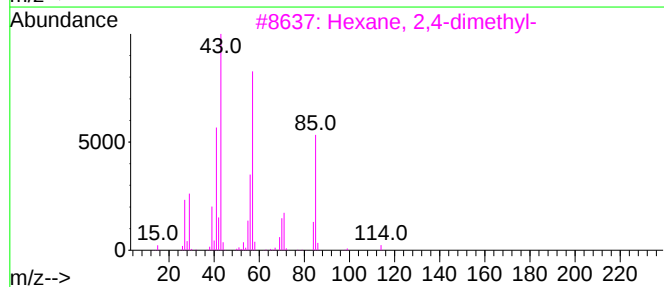
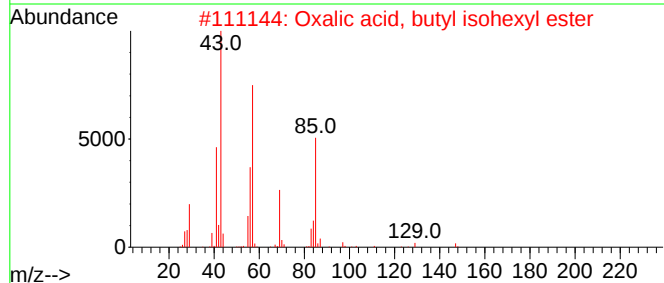
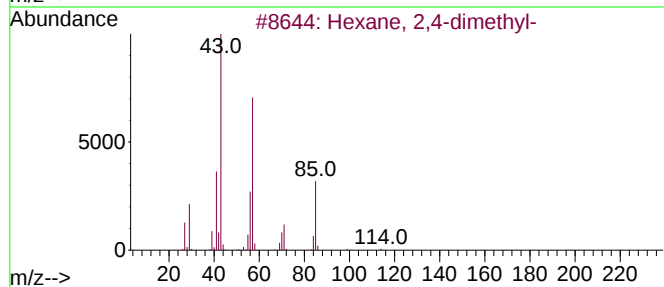
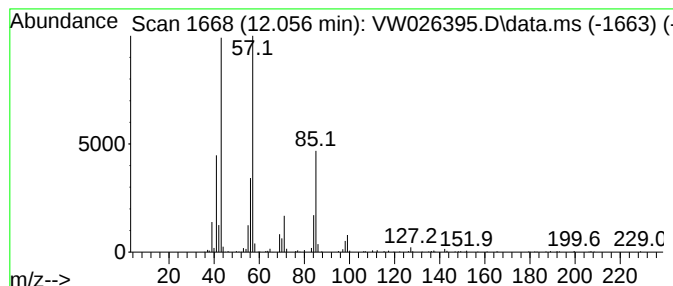
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.056	2.66 ug/L	184197	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	78
2	Oxalic acid, butyl isohexyl ester		230	C12H22O4	1000309-32-7	72
3	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	72
4	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	72
5	Oxalic acid, isobutyl hexyl ester		230	C12H22O4	1000309-37-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

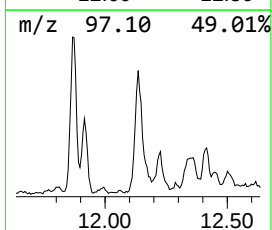
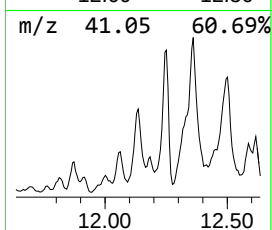
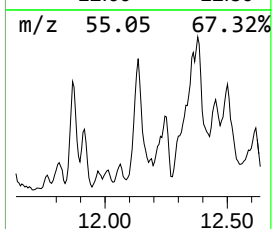
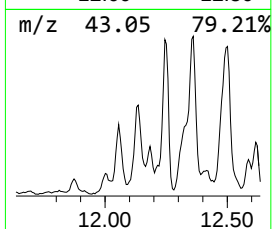
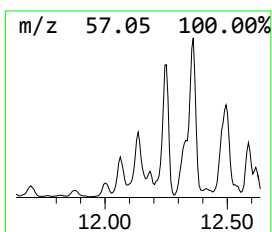
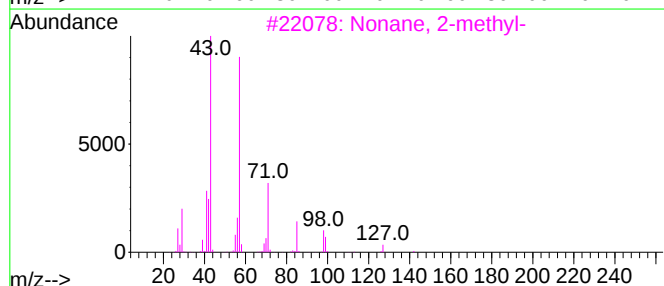
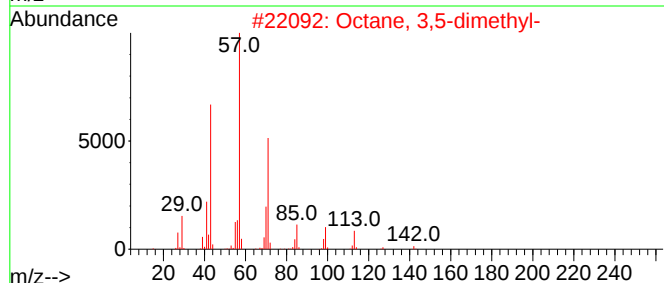
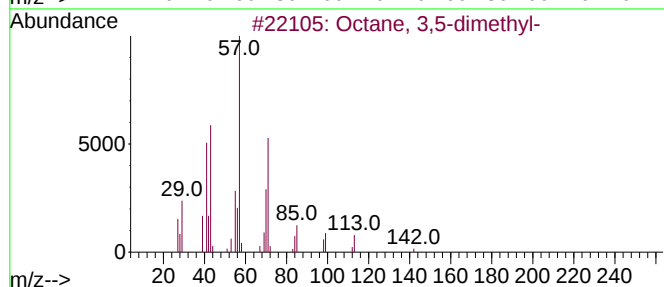
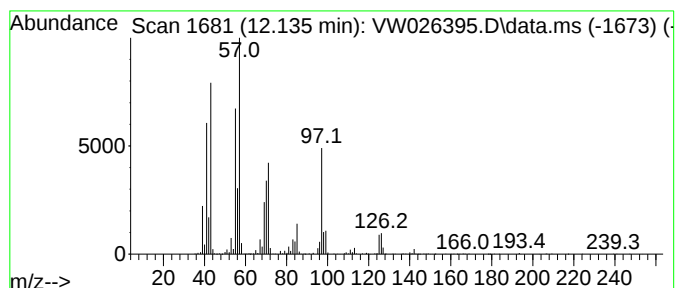
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.135	9.59 ug/L	664785	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	53
2	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	46
3	Nonane, 2-methyl-		142	C10H22	000871-83-0	43
4	Octane, 2,7-dimethyl-		142	C10H22	001072-16-8	38
5	3,5-Dimethyldodecane		198	C14H30	107770-99-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

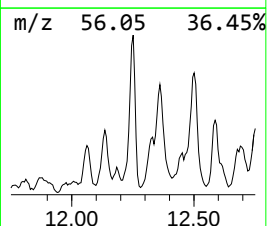
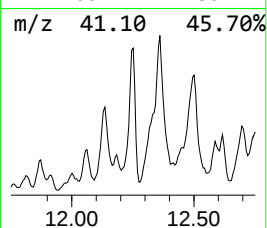
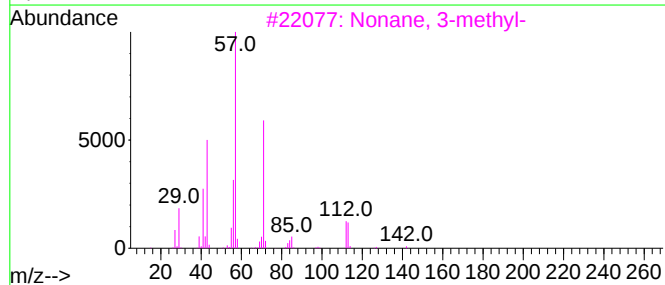
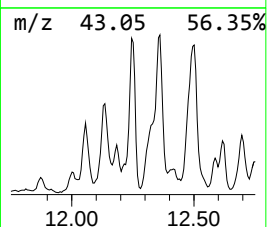
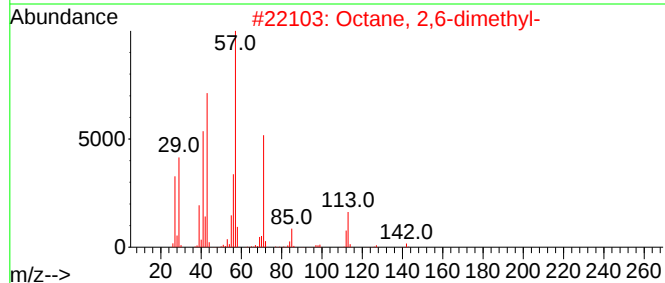
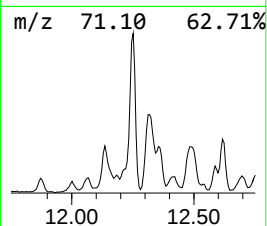
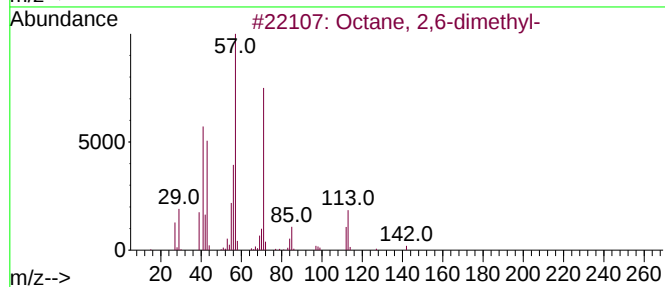
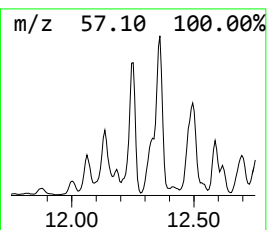
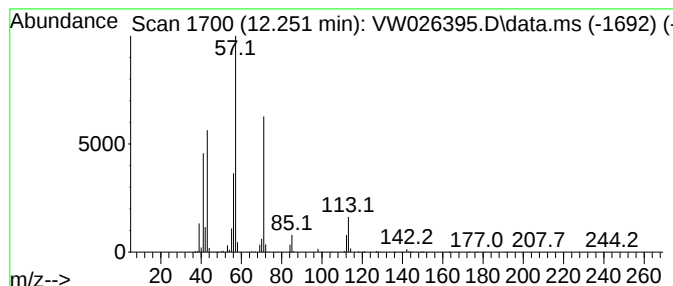
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	12.22 ug/L	846805	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	93
2	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	90
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	86
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

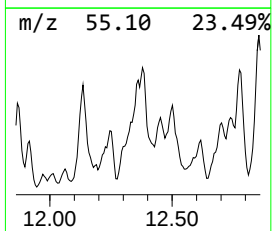
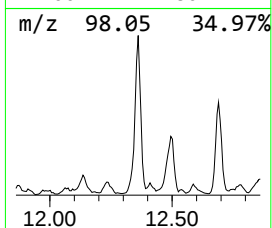
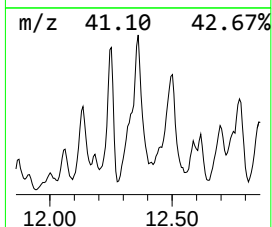
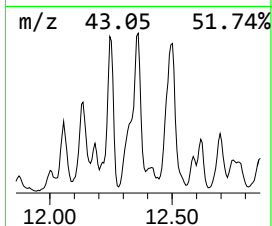
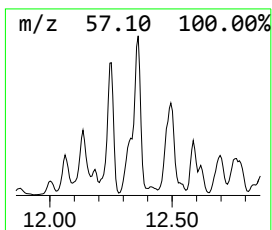
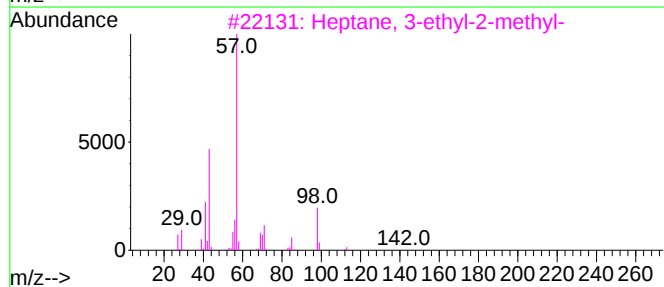
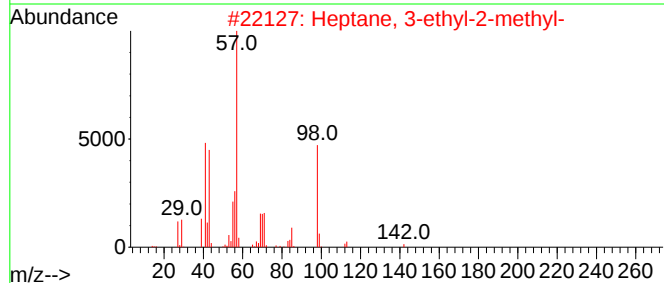
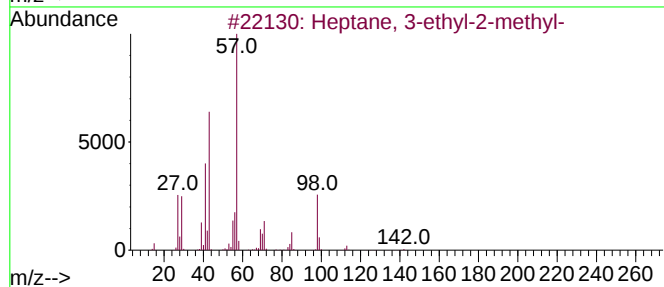
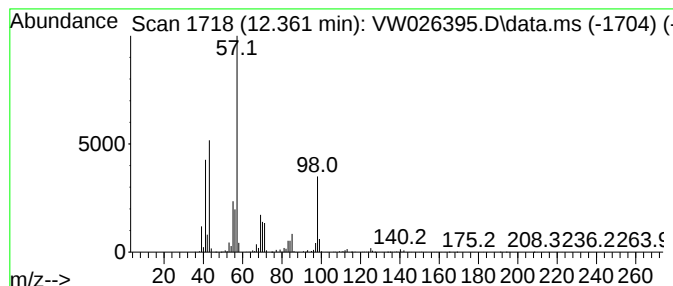
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	25.89 ug/L	1794280	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5		Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

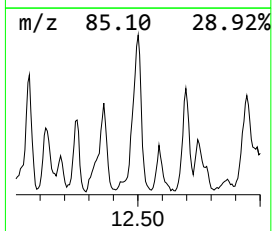
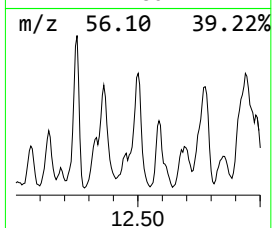
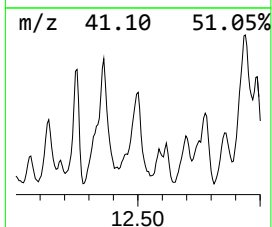
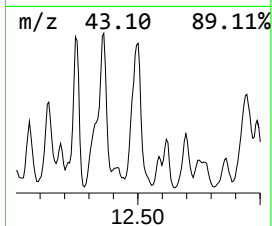
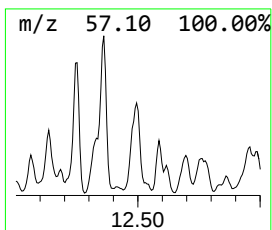
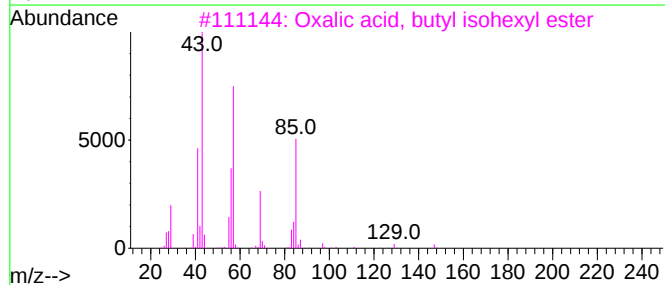
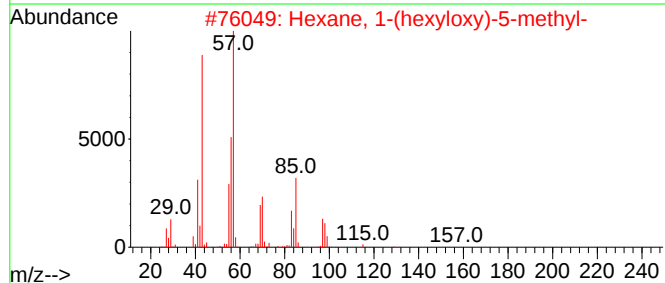
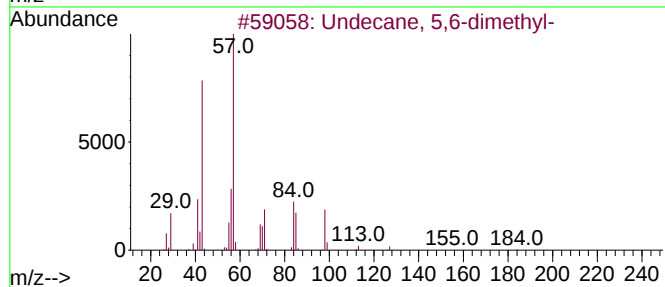
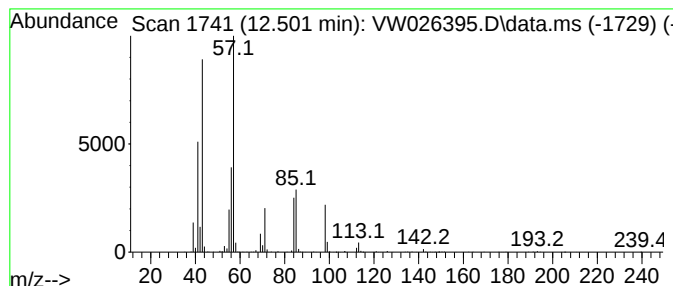
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	14.53 ug/L	1006510	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	78
2			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	53
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
4			Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	43
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

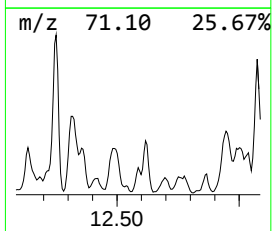
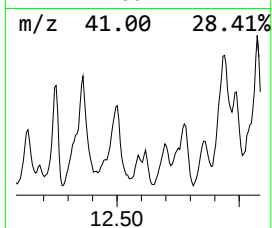
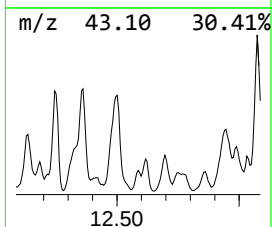
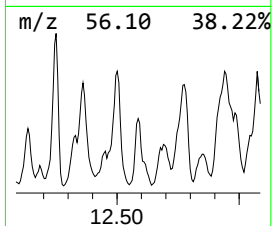
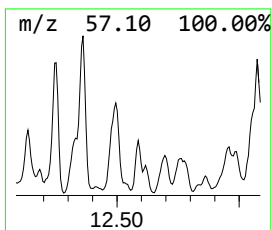
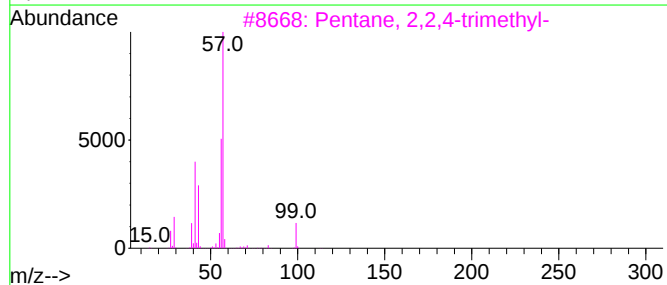
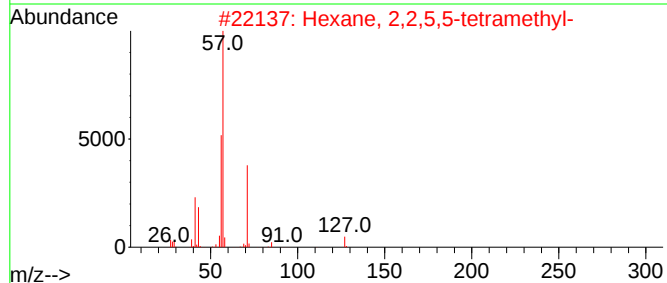
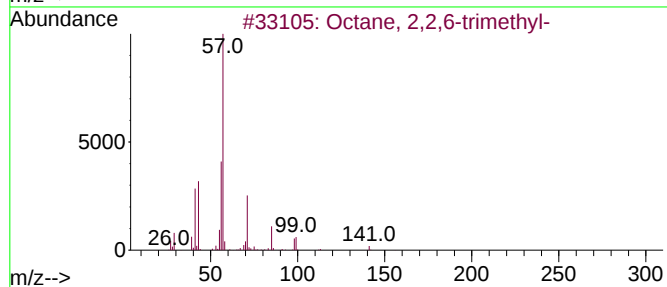
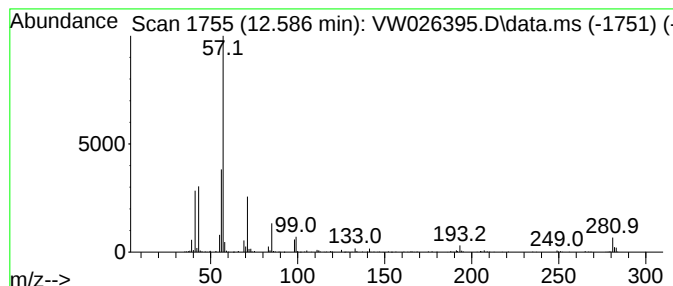
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.586	2.40 ug/L	166076	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	47
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

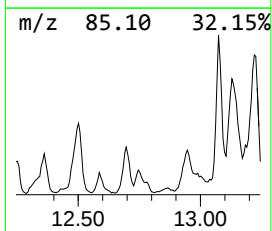
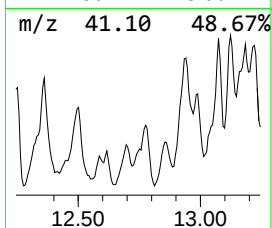
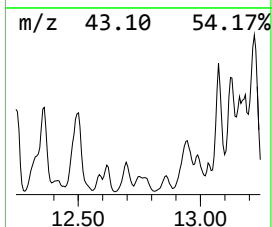
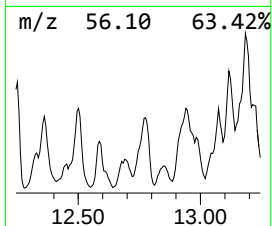
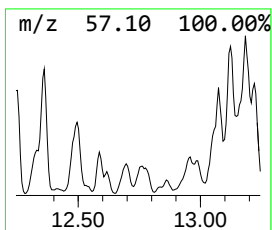
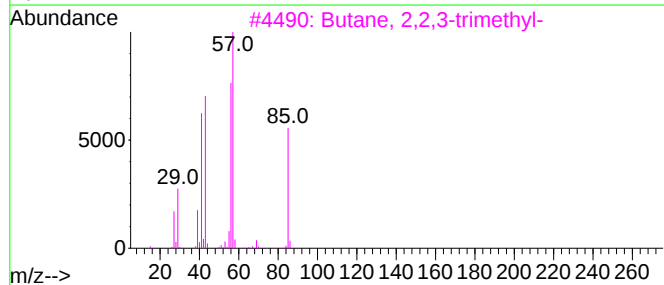
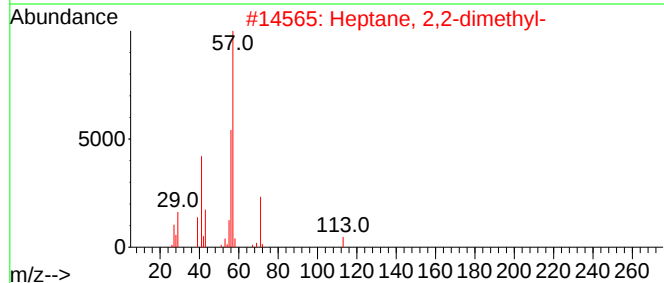
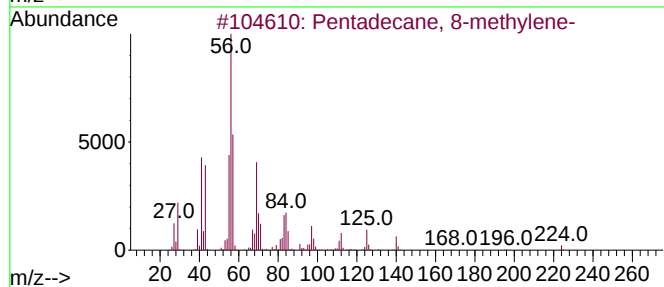
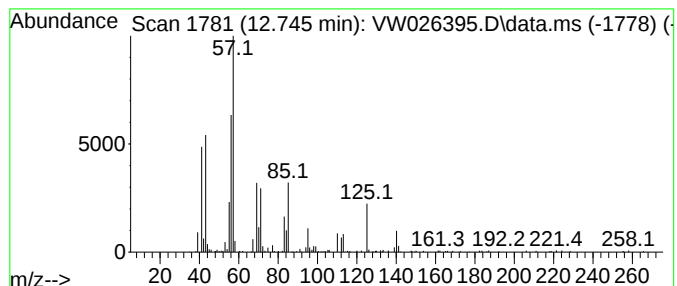
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	2.83 ug/L	140580	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

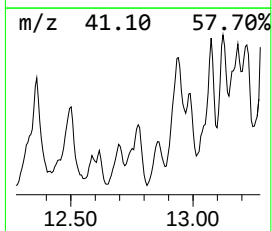
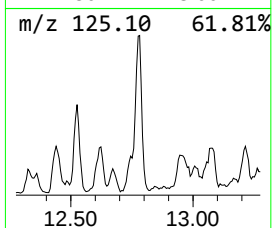
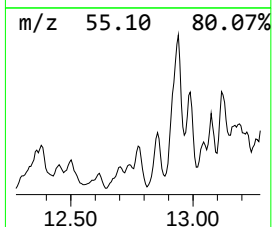
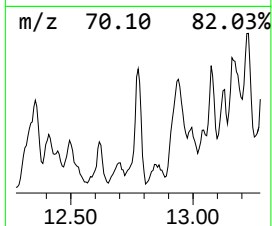
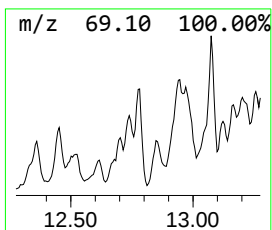
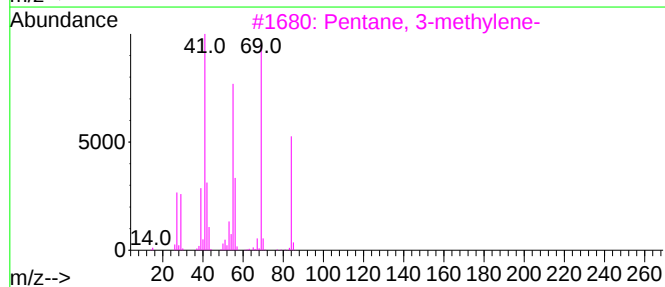
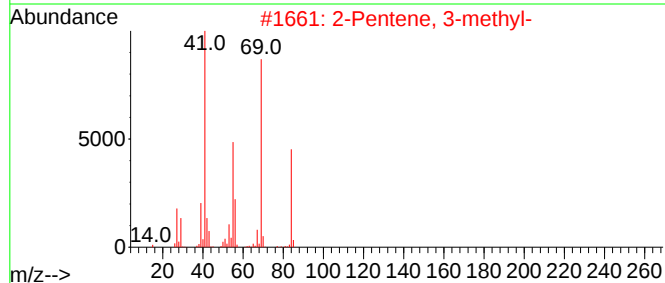
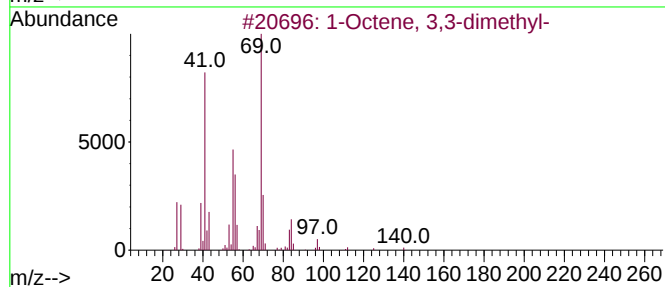
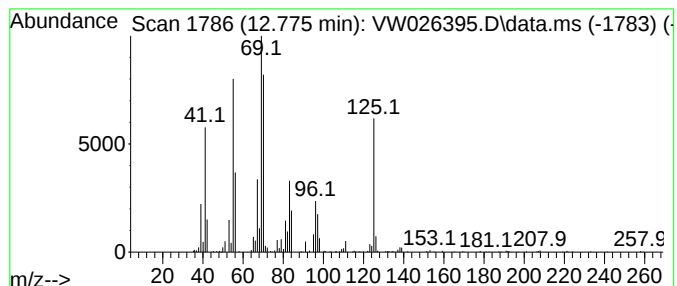
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	12.74 ug/L	633815	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	38
2		2-Pentene, 3-methyl-	84	C6H12	000922-61-2	38
3		Pentane, 3-methylene-	84	C6H12	000760-21-4	38
4		Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	38
5		6-Dodecene, (E)-	168	C12H24	007206-17-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

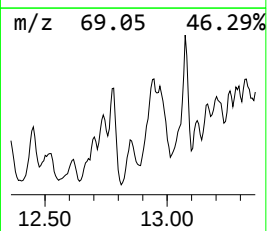
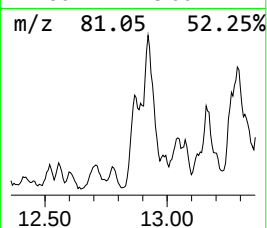
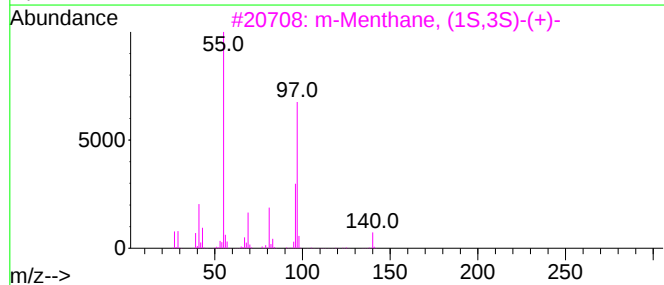
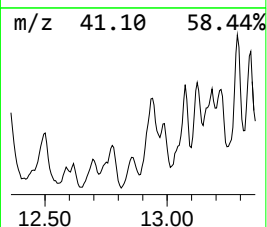
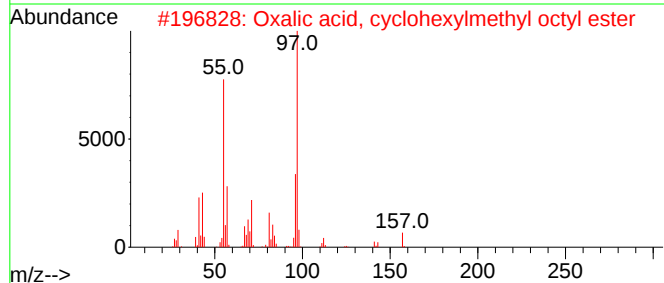
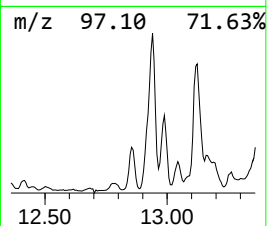
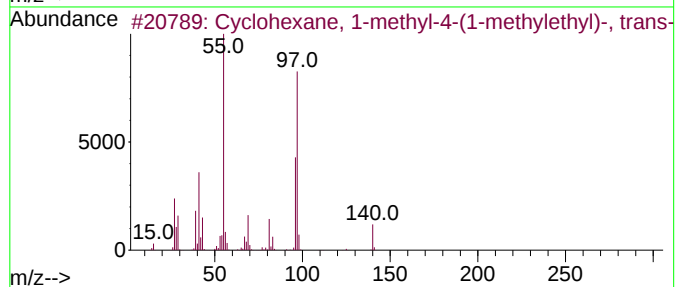
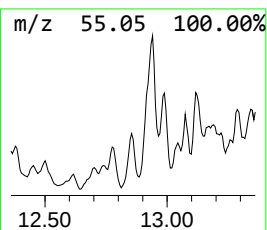
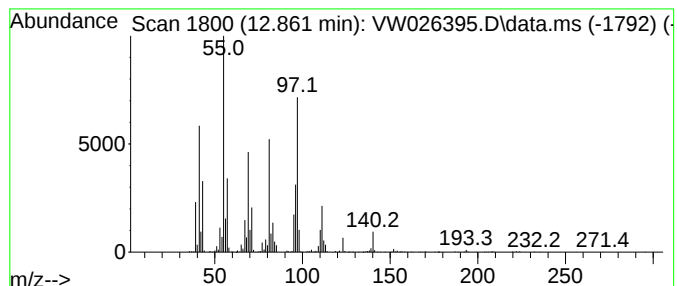
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic12.861 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	13.86 ug/L	689600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	47
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	47
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

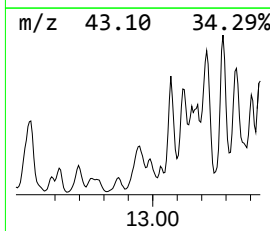
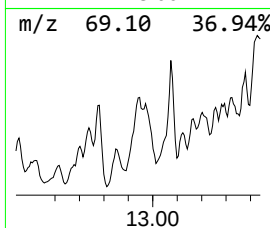
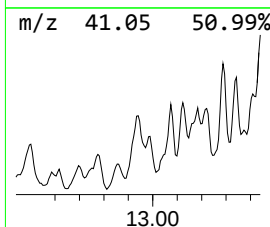
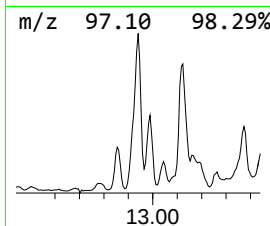
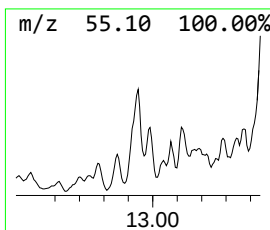
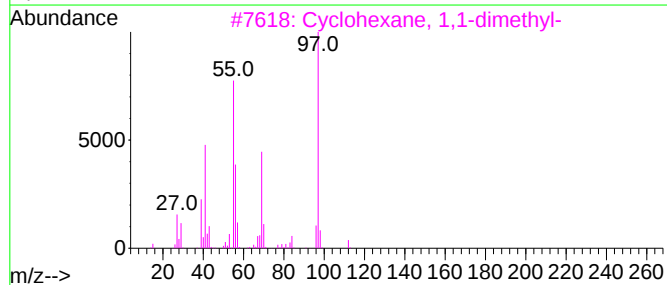
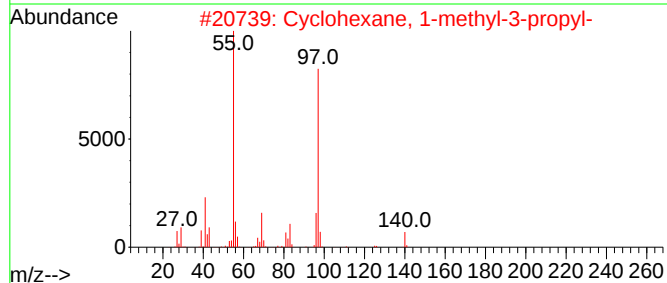
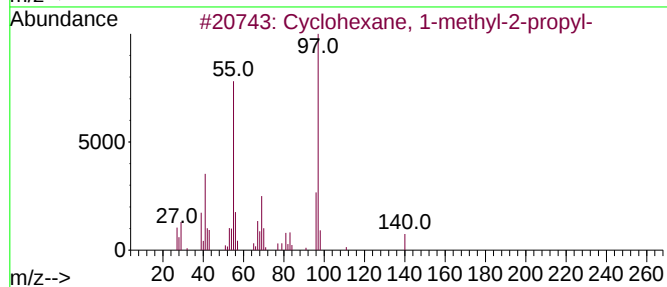
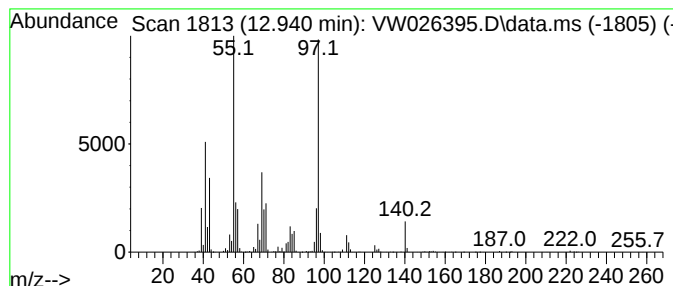
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic12.940 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	36.57 ug/L	1819760	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	52
2			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
4			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	1000283-20-9	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

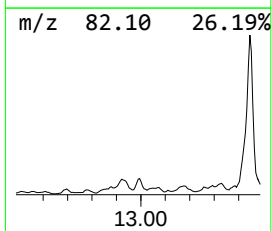
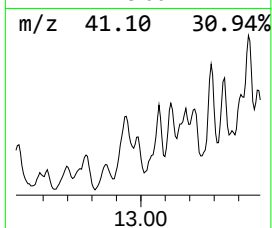
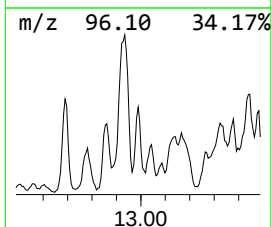
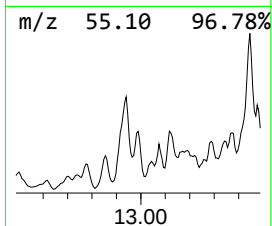
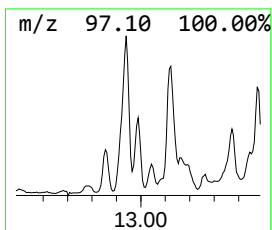
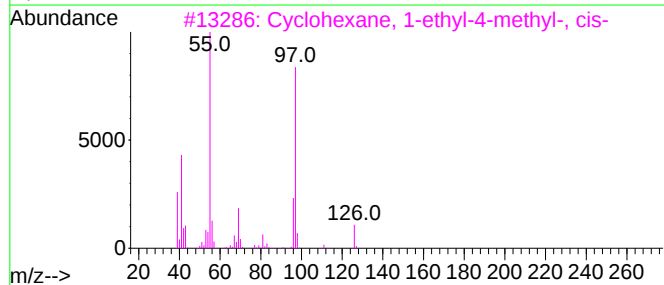
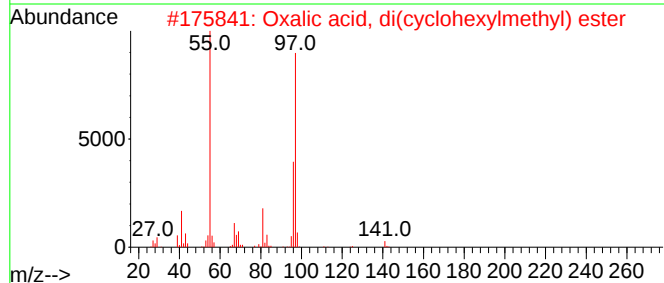
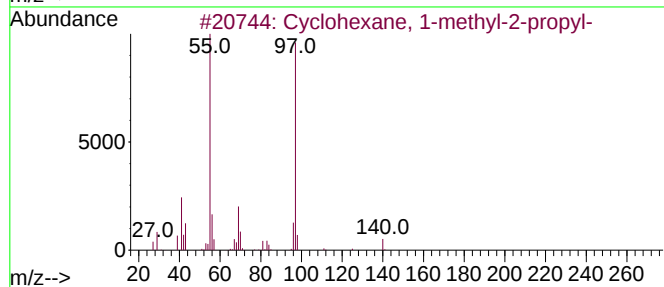
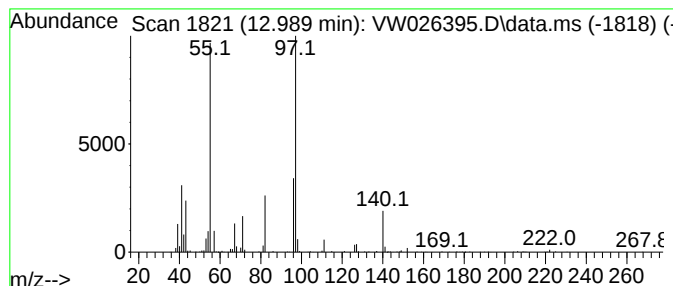
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic12.989 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	10.49 ug/L	521826	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	53
2			Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	50
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	50
5			cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

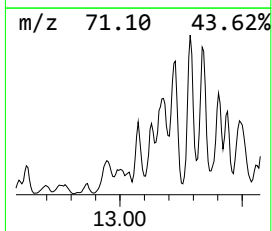
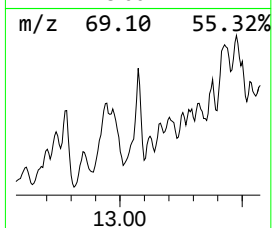
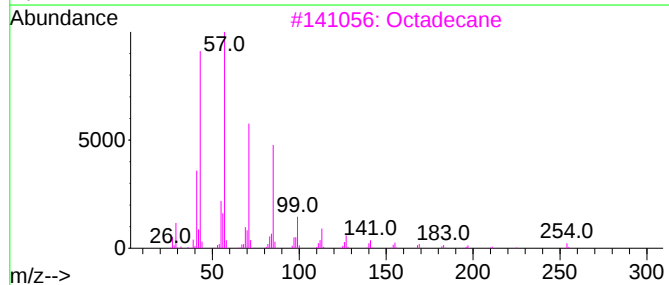
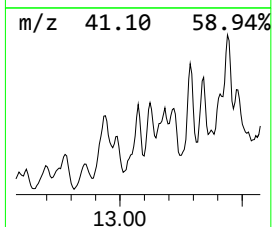
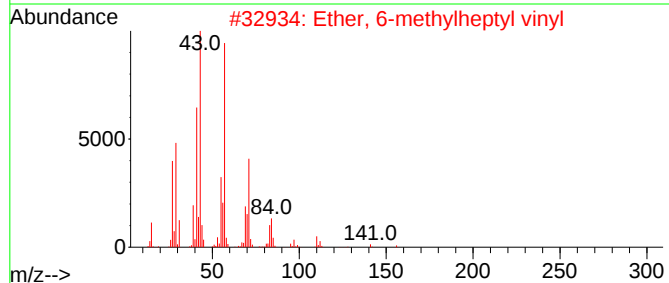
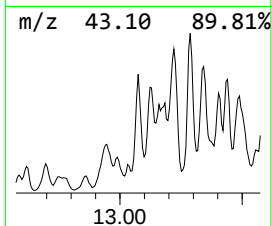
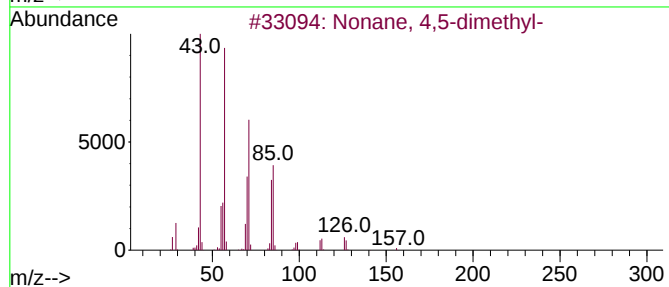
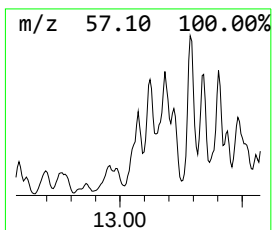
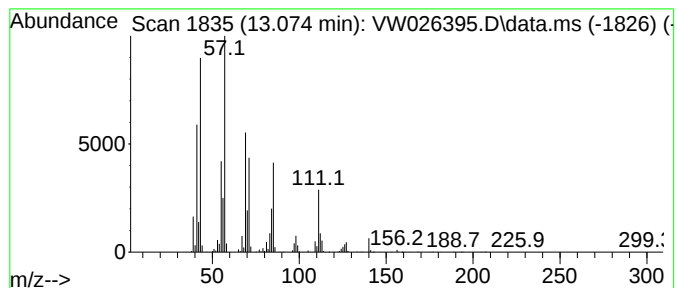
Instrument :
MSVOA_W
ClientSampleId :
A4646

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

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	25.92 ug/L	1289490	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	52
2	Ether, 6-methylheptyl vinyl		156	C10H20O	010573-35-0	49
3	Octadecane		254	C18H38	000593-45-3	47
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	47
5	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

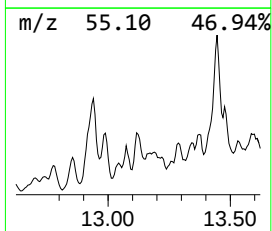
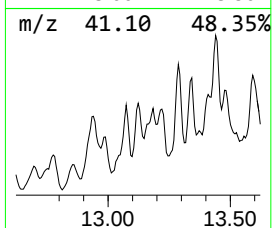
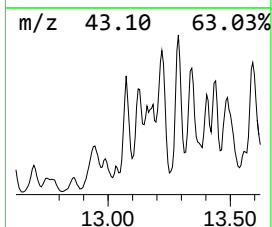
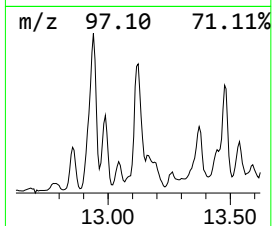
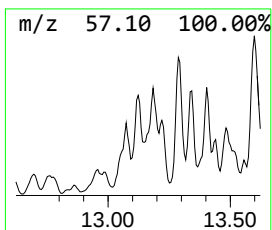
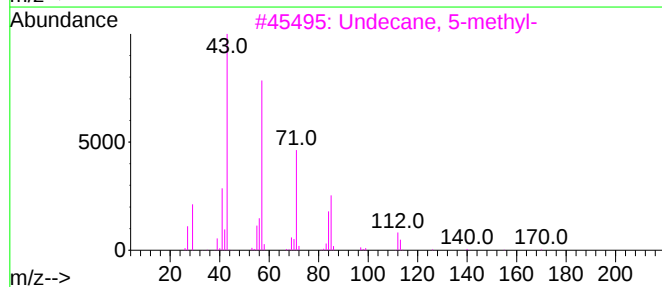
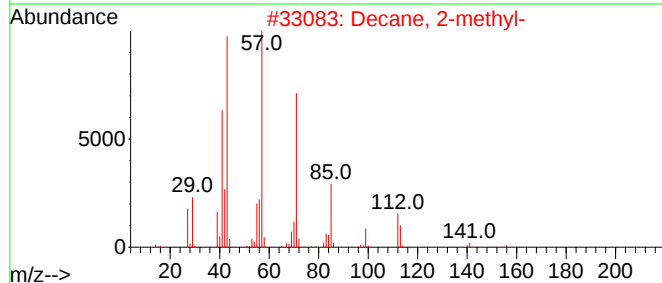
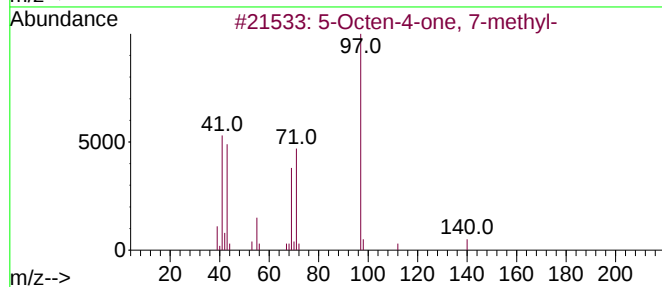
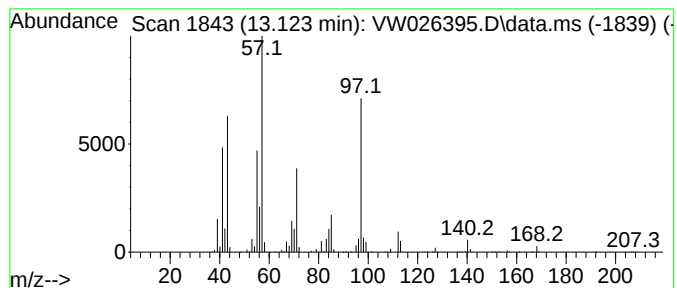
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	20.14 ug/L	1002130	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	46
2			Decane, 2-methyl-	156	C11H24	006975-98-0	46
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	43
4			Undecane	156	C11H24	001120-21-4	43
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

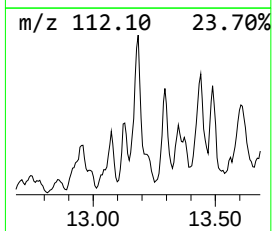
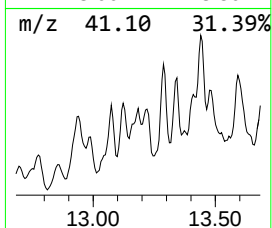
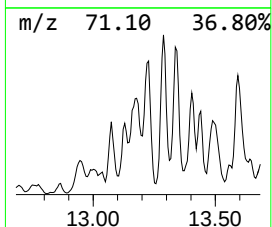
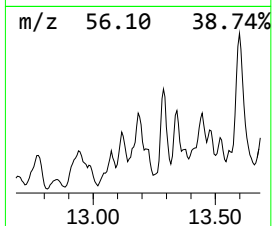
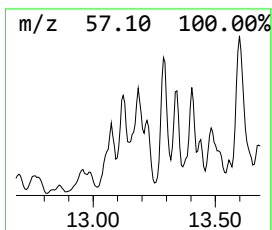
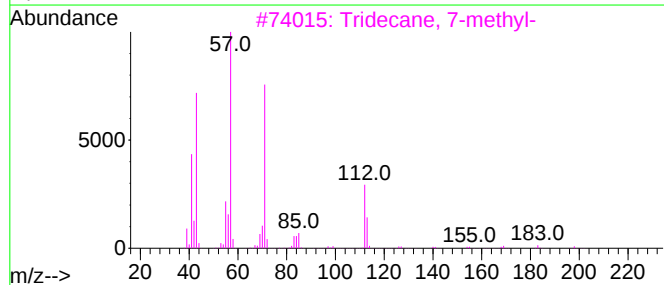
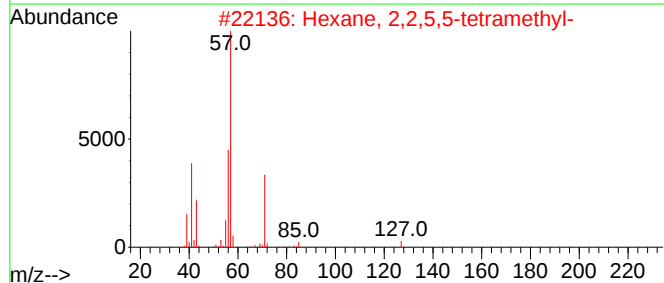
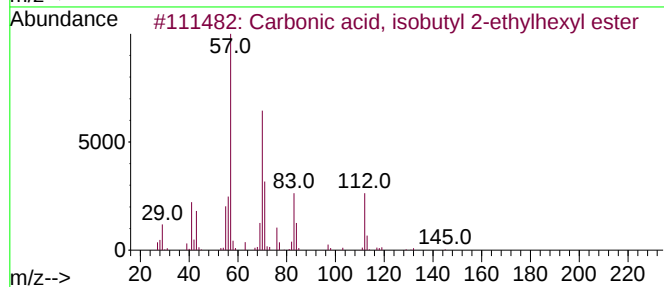
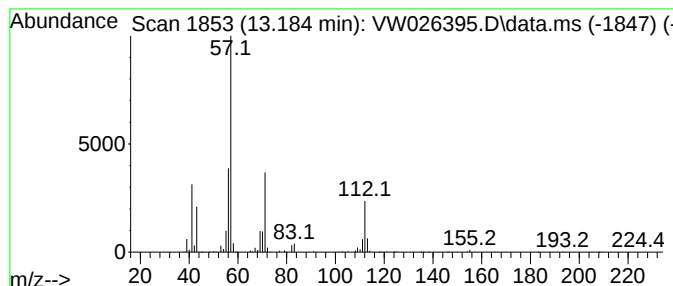
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Quant Title : SFAM01.0

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

Peak Number 22 Carbonic acid, isobutyl 2-e... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	10.39 ug/L	517007	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	53
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	47
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

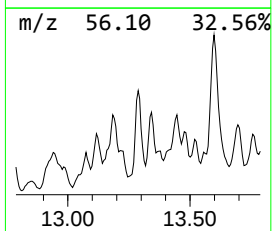
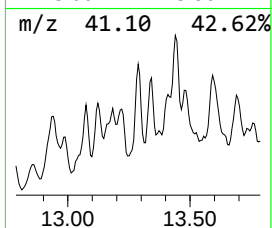
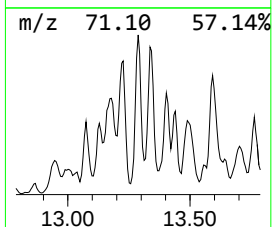
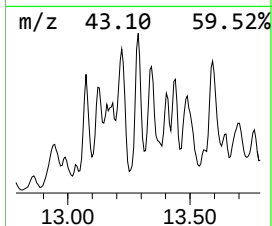
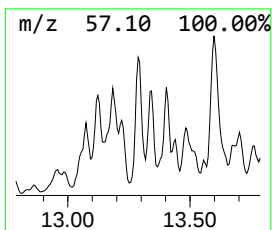
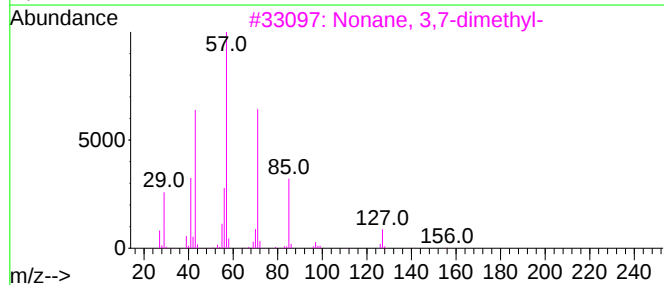
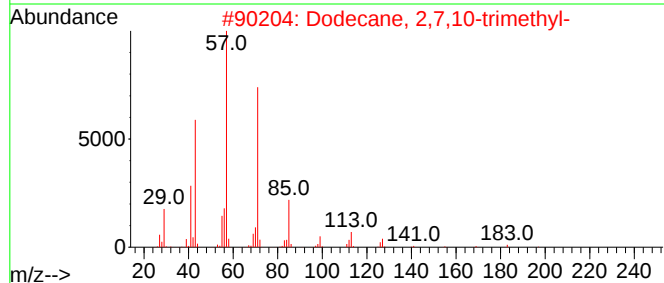
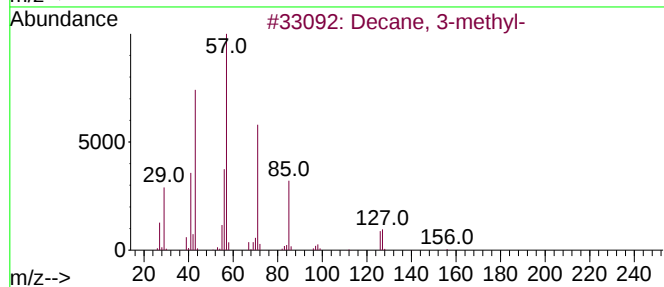
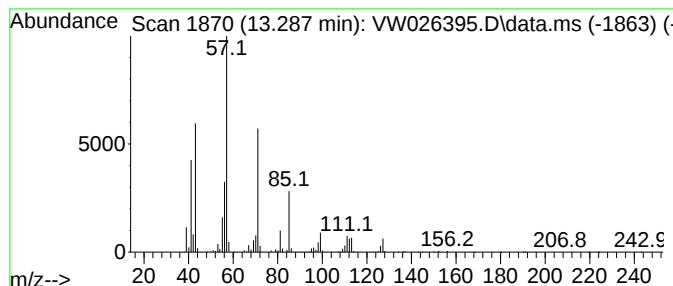
Instrument :
MSVOA_W
ClientSampleId :
A4646

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

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.288	30.52 ug/L	1518400	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	76
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	59
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	59
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	53
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

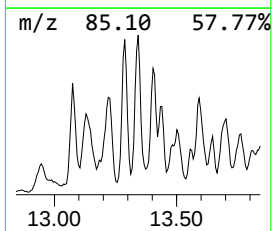
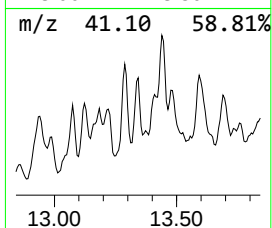
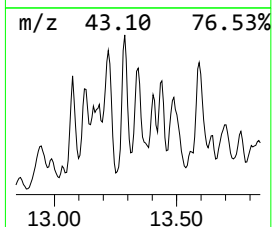
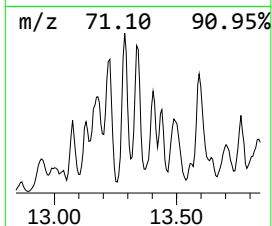
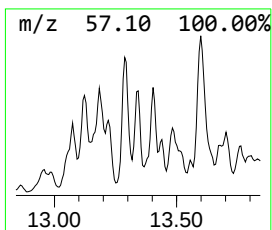
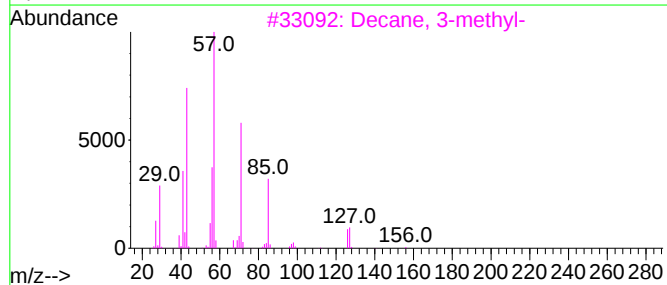
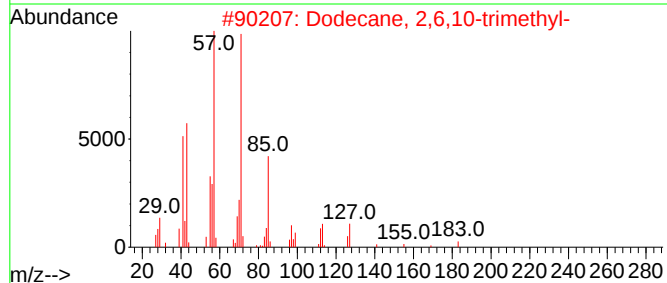
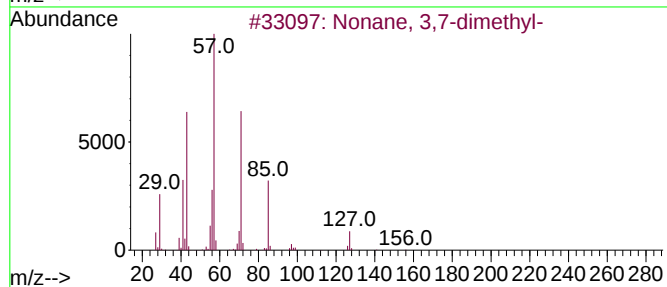
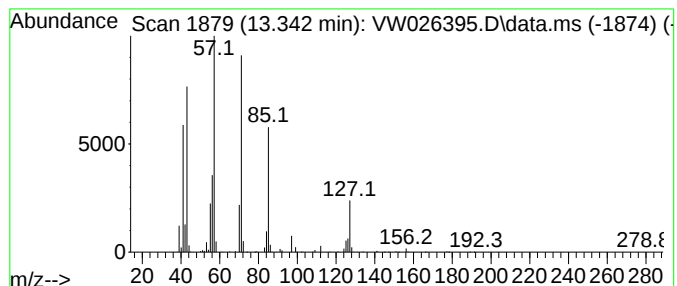
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MSVOA_W
ClientSampleId :
A4646

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

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.342	22.83 ug/L	1136120	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	87
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	78
3	Decane, 3-methyl-		156	C11H24	013151-34-3	72
4	10-Methylnonadecane		282	C20H42	056862-62-5	64
5	Decane, 3-methyl-		156	C11H24	013151-34-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

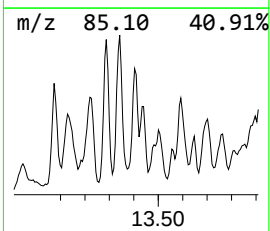
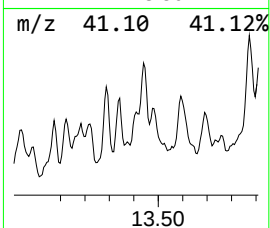
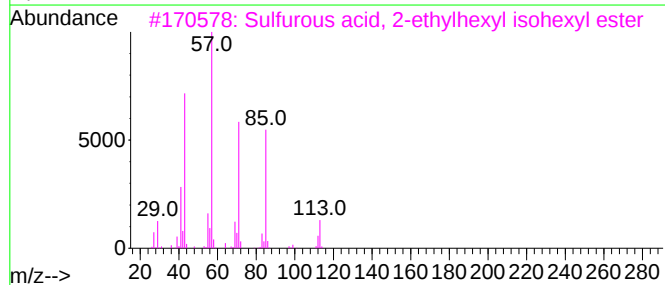
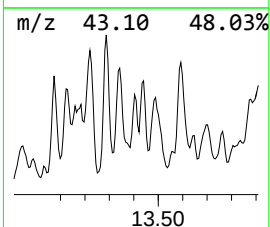
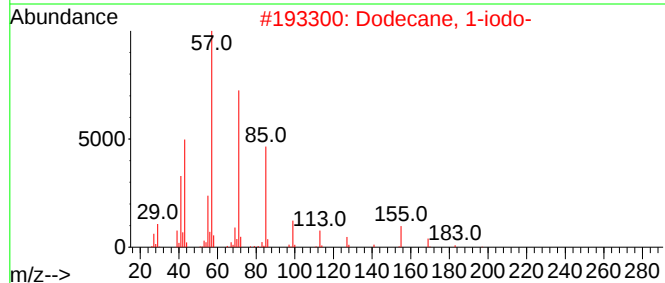
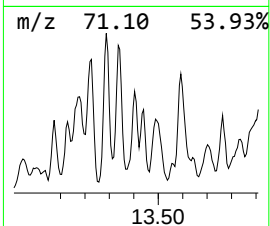
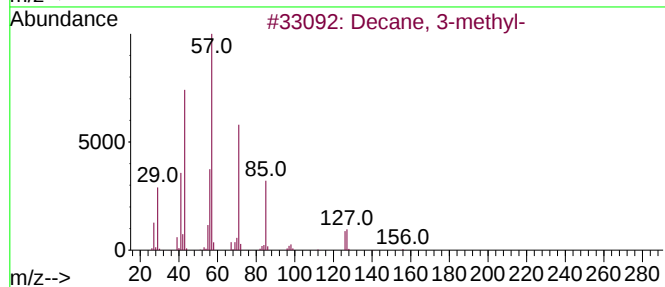
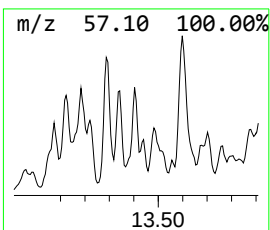
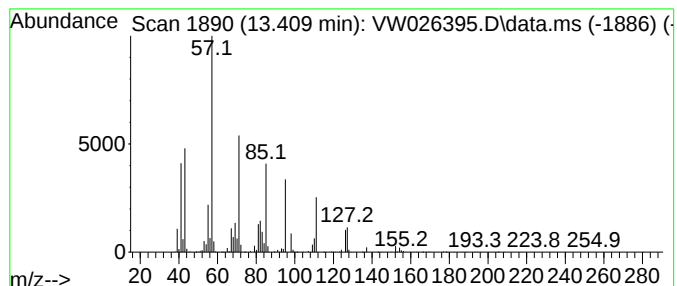
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.409	22.58 ug/L	1123540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	62
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	46
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

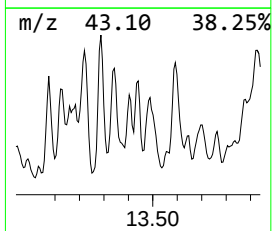
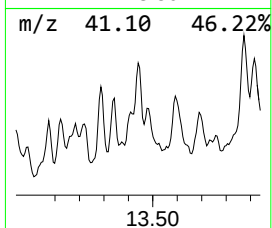
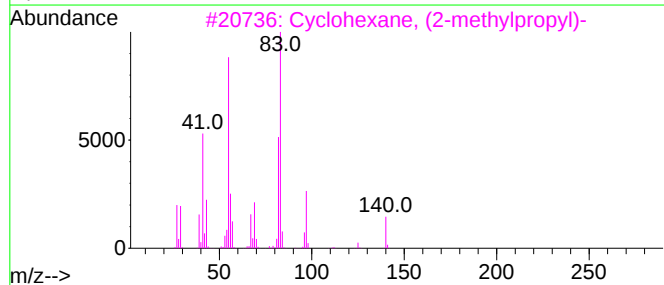
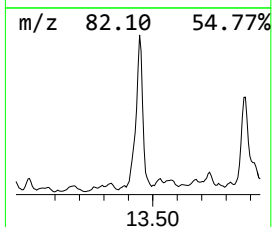
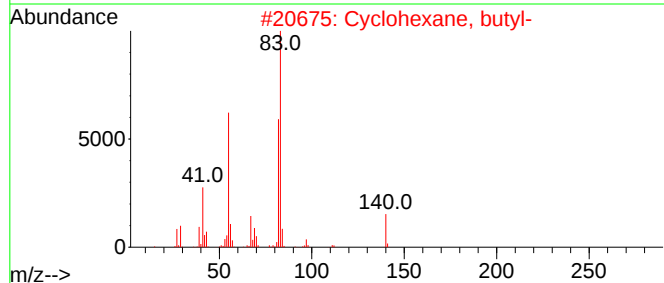
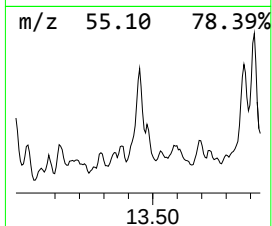
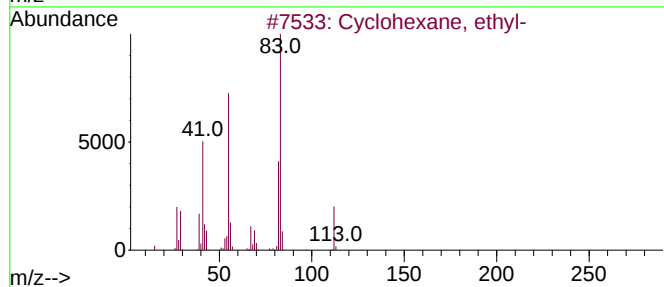
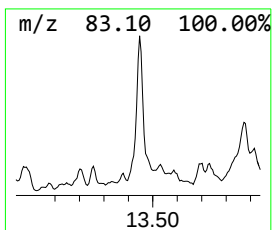
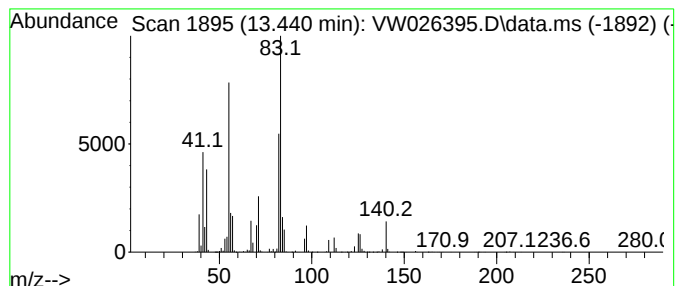
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic13.440 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	43.89 ug/L	2183660	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	70
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

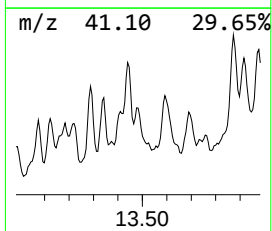
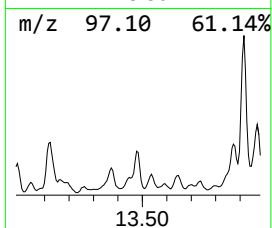
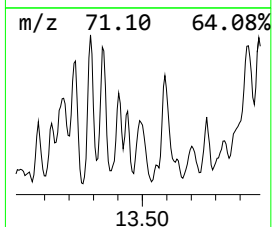
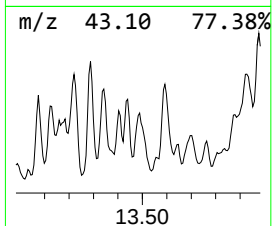
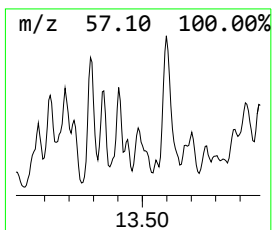
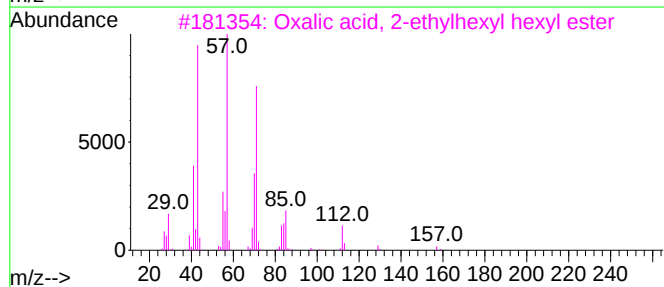
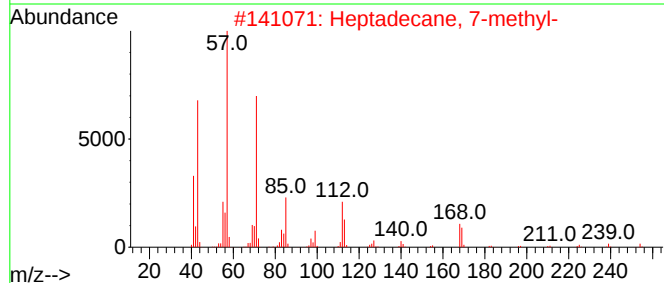
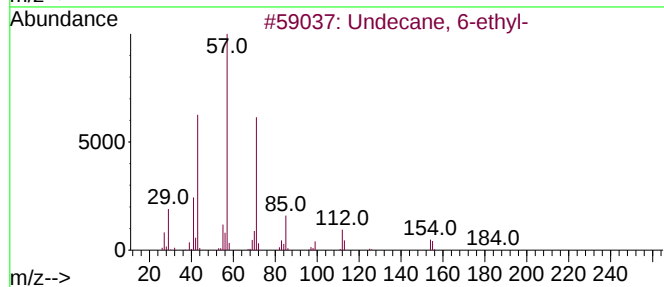
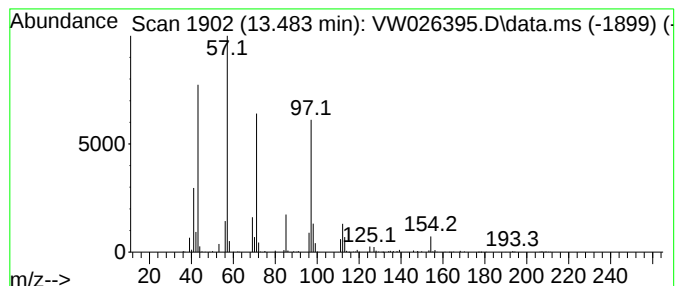
Instrument :
MSVOA_W
ClientSampleId :
A4646

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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.483	22.88 ug/L	1138190	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	46
4	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	43
5	Decane, 2-methyl-	156	C11H24	006975-98-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

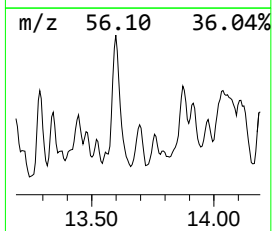
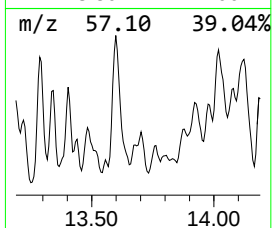
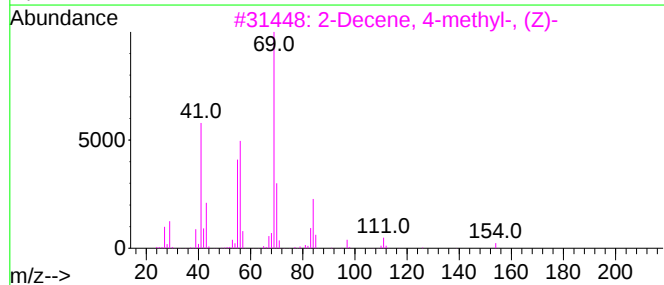
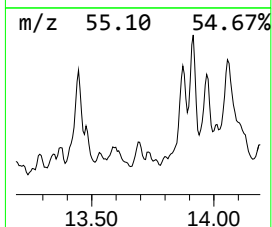
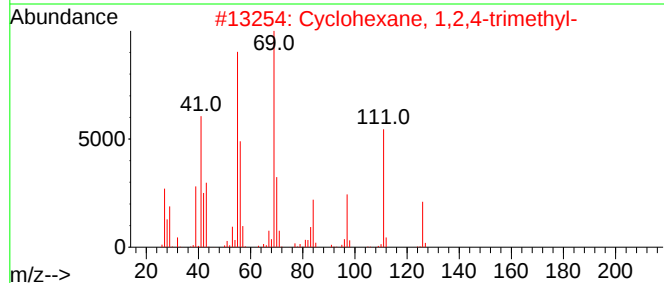
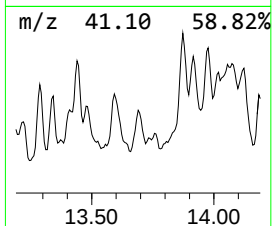
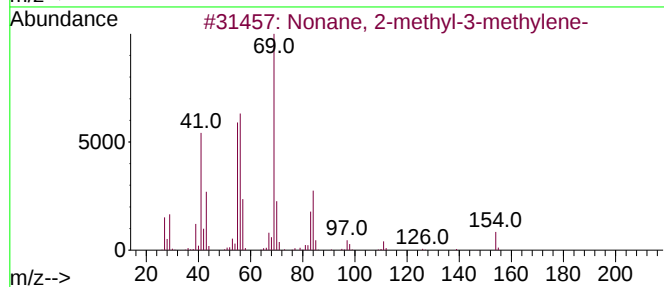
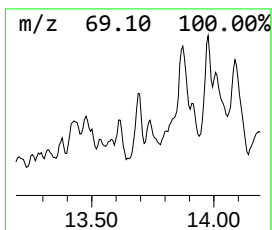
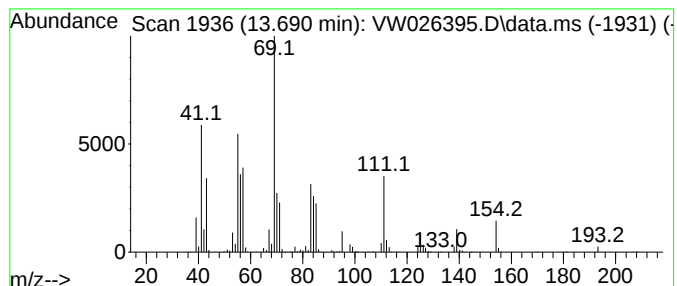
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.690	20.55 ug/L	1022300	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
4	Oxirane, (1,1-dimethylbutyl)-	128	C8H16O	053907-76-9	43
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

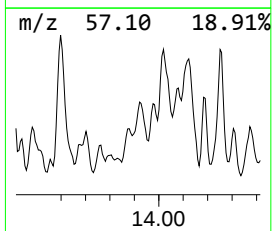
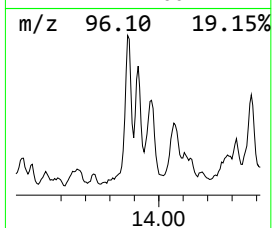
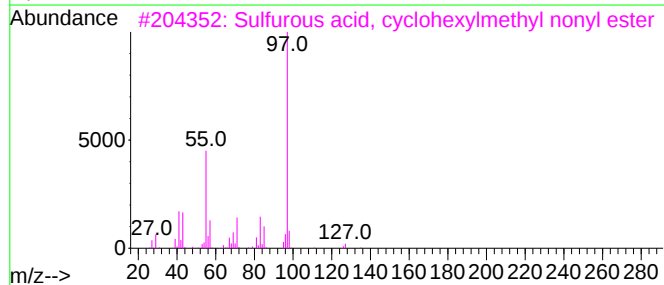
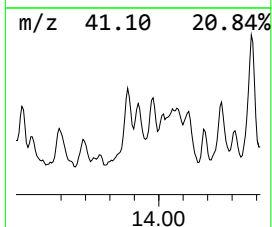
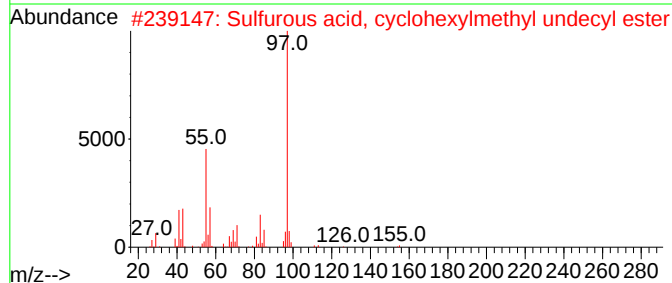
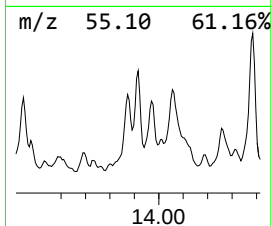
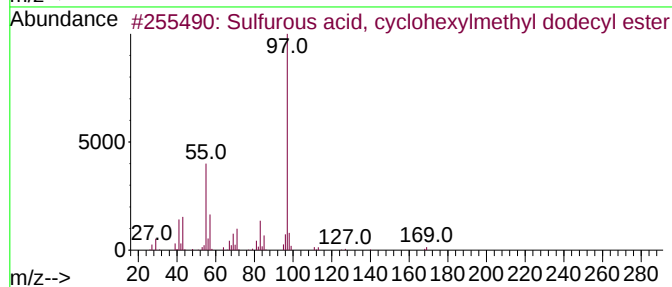
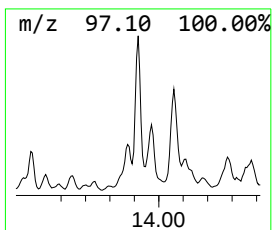
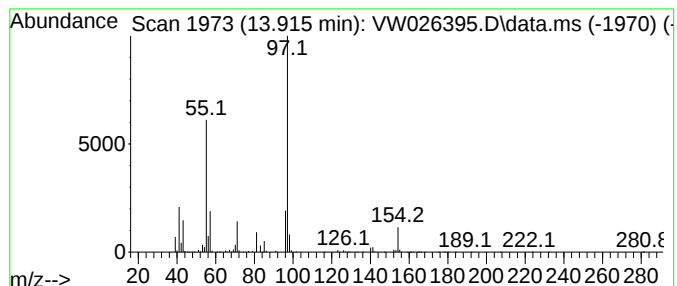
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Quant Title : SFAM01.0

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

Peak Number 29 Sulfurous acid, cyclohexylm... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	29.38 ug/L	1461620	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
2			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
3			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	50
4			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	50
5			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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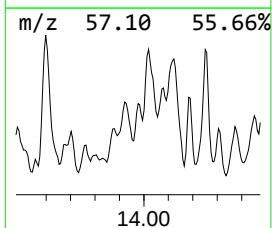
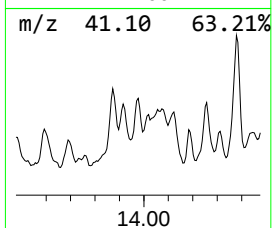
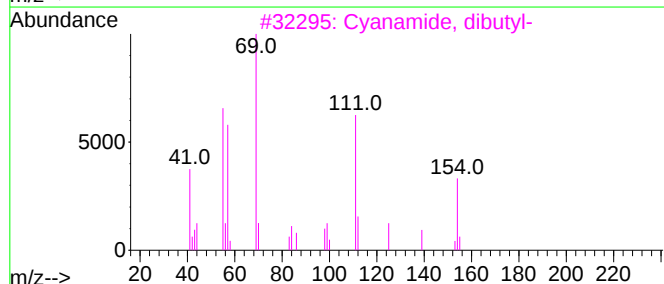
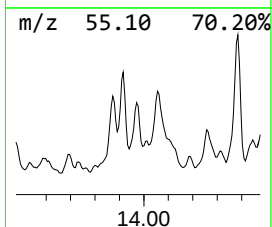
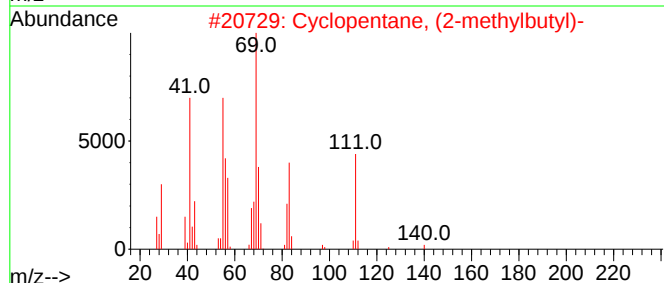
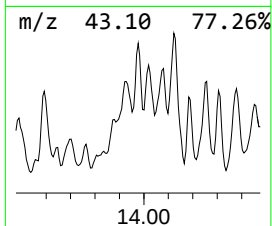
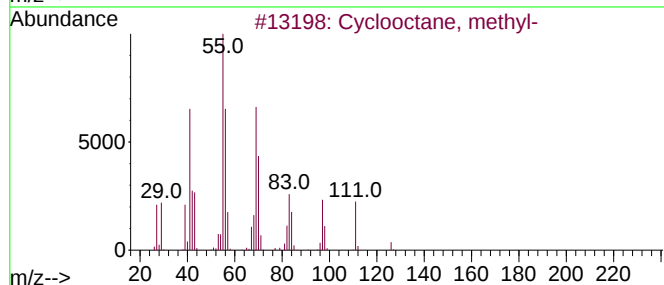
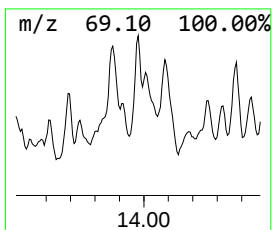
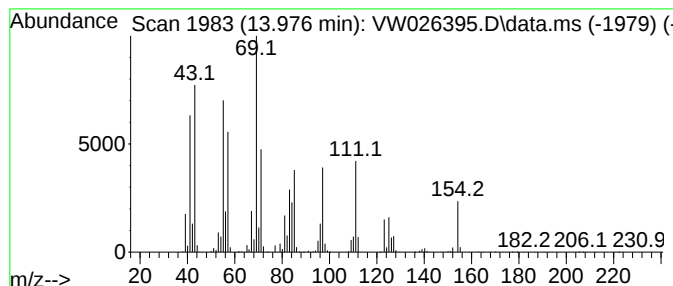
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic13.976 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	25.94 ug/L	1290780	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	47
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
3			Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	38
4			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	30
5			1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

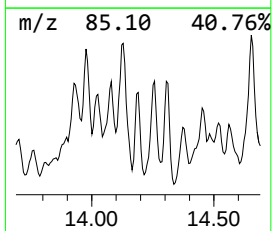
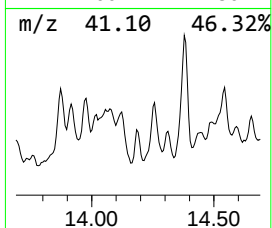
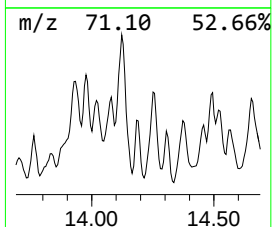
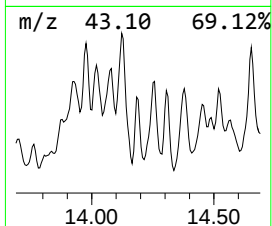
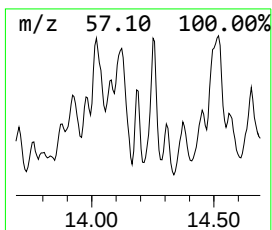
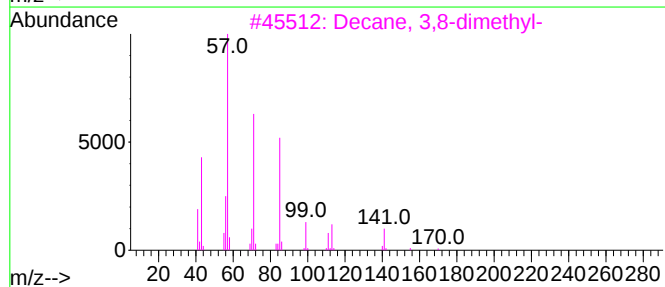
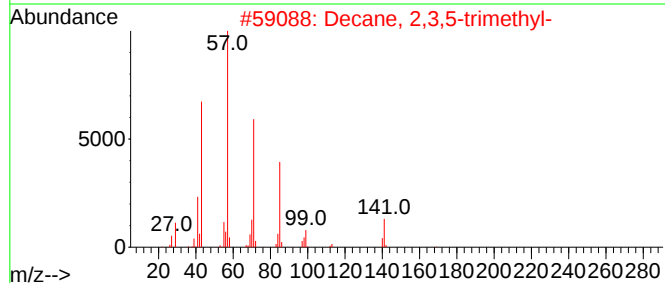
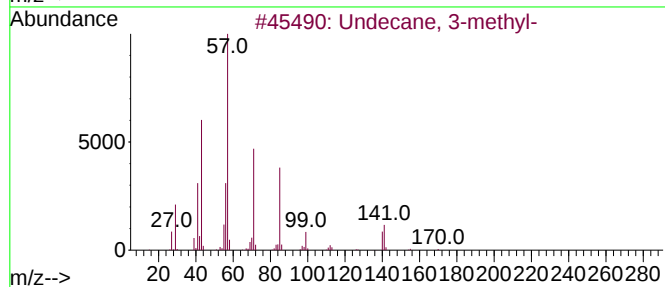
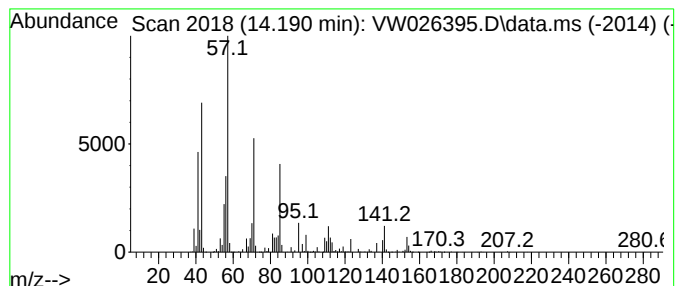
Instrument :
MSVOA_W
ClientSampleId :
A4646

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

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.190	19.80 ug/L	985068	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	72
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	58
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	58
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	58
5	Undecane		156	C11H24	001120-21-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

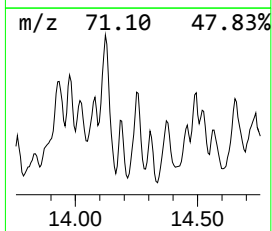
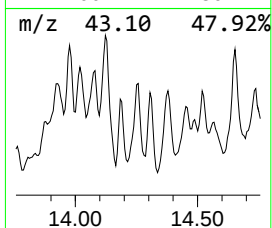
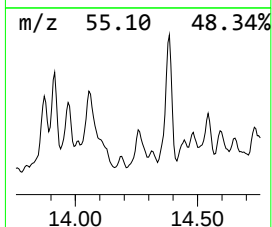
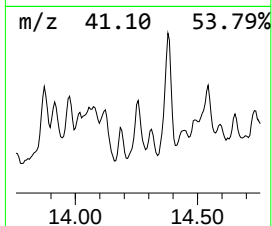
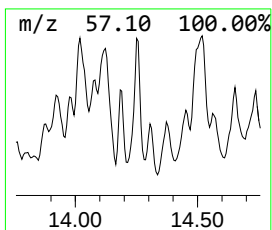
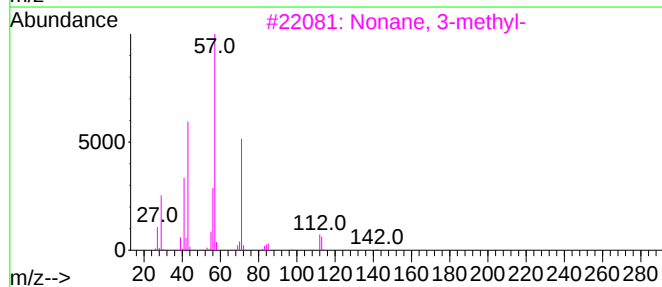
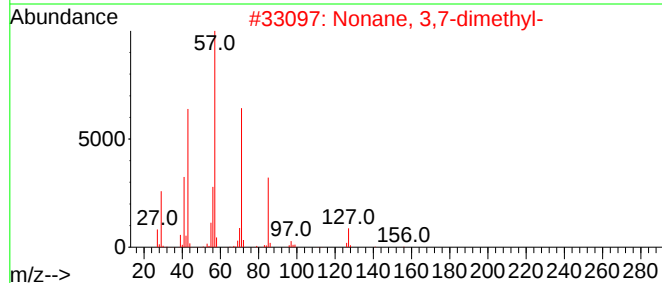
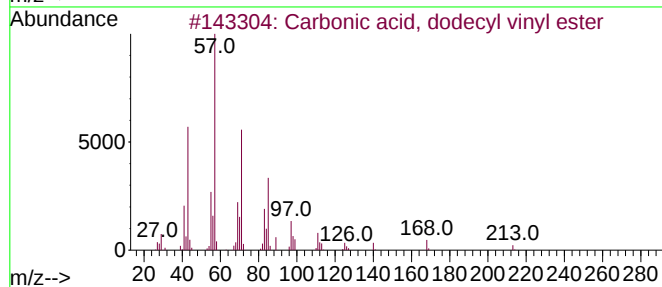
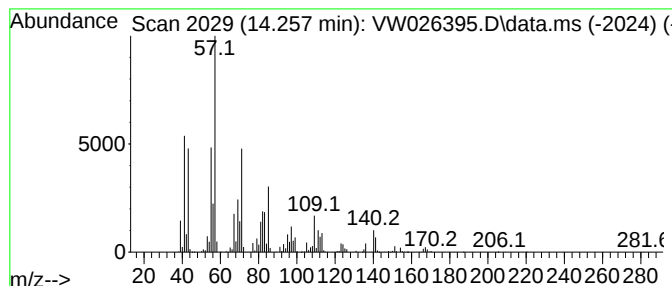
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Quant Title : SFAM01.0

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

Peak Number 32 Carbonic acid, dodecyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	39.50 ug/L	1965480	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	59
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	55
4			Dodecyl octyl ether	298	C20H42O	1000406-38-4	52
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW062395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

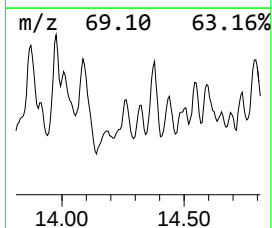
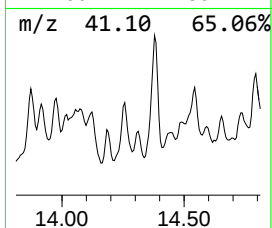
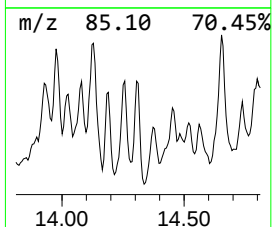
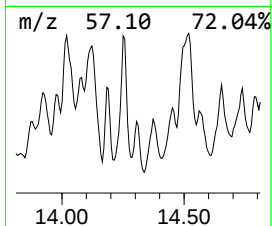
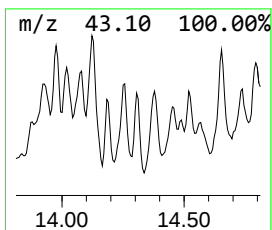
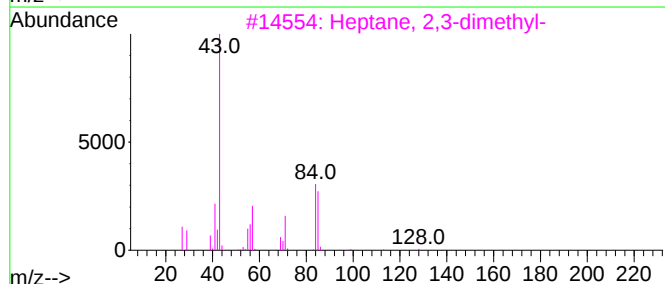
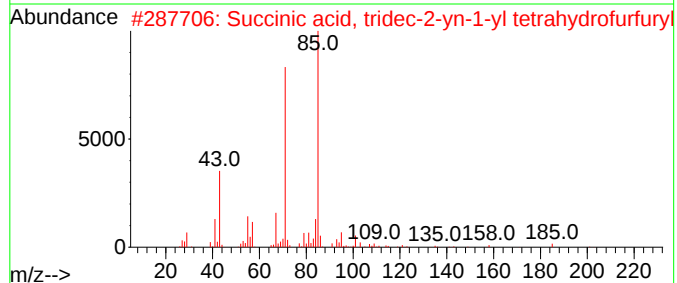
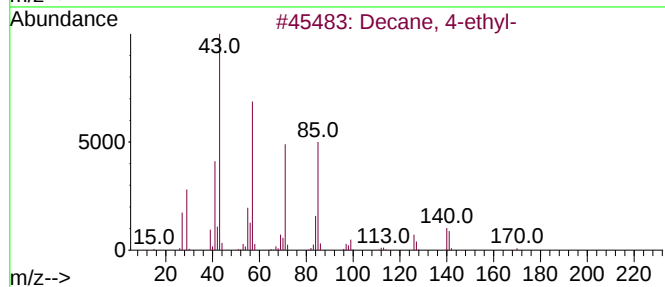
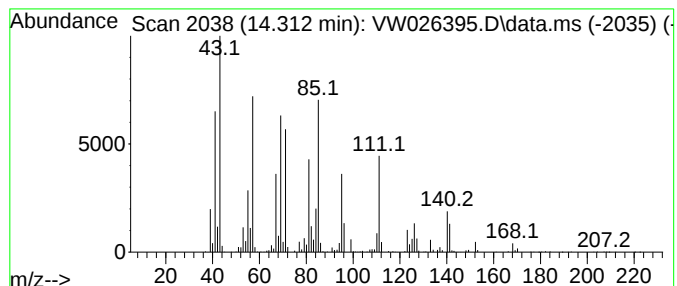
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	15.41 ug/L	766777	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	90
2			Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	27
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	22
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	11
5			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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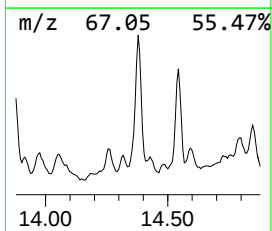
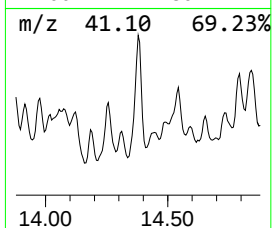
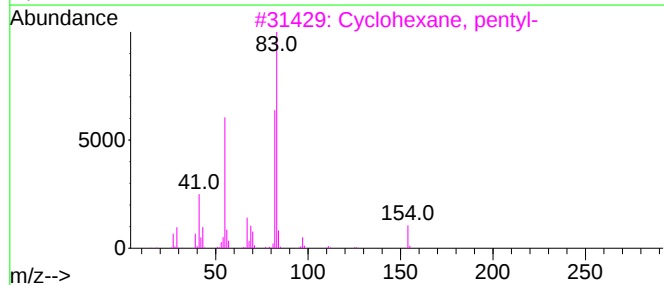
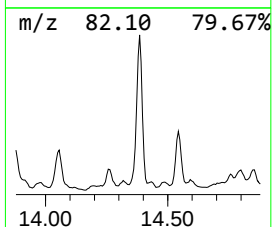
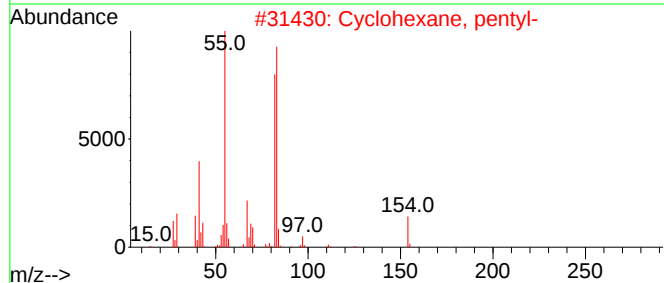
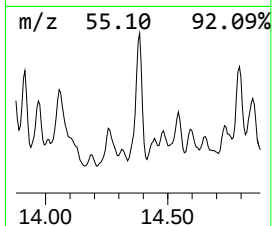
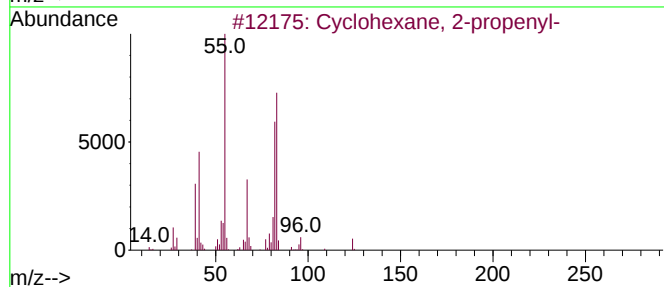
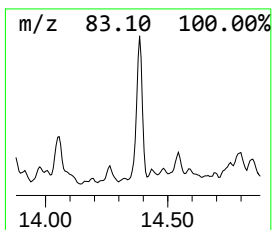
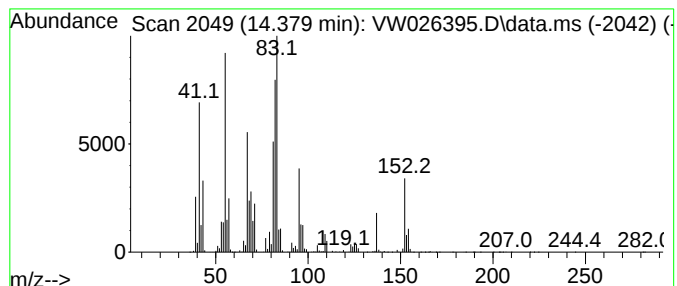
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Quant Title : SFAM01.0

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

Peak Number 34 Cyclohexane, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	104.93 ug/L	5220600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

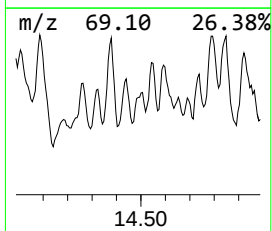
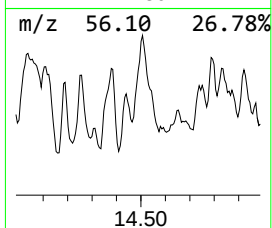
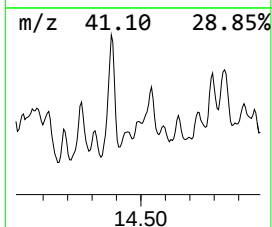
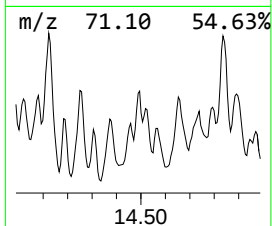
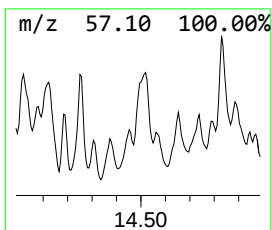
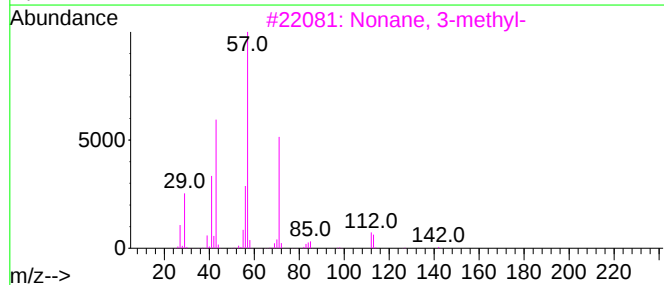
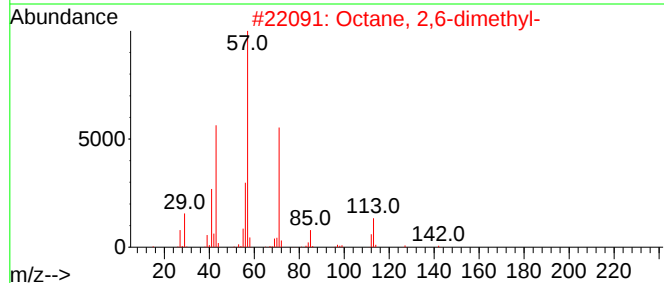
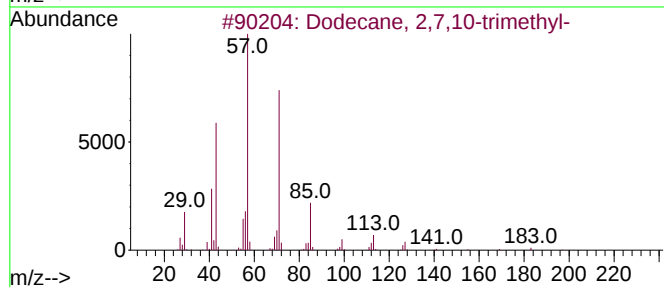
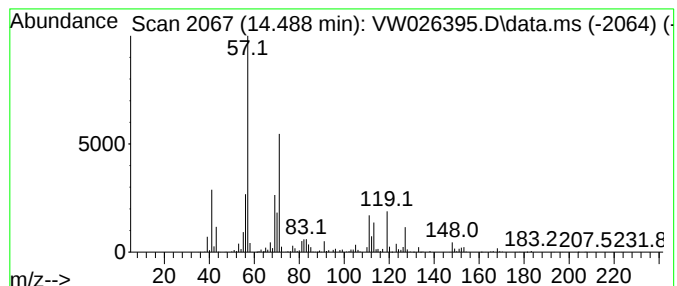
Instrument :
MSVOA_W
ClientSampleId :
A4646

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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.489	12.12 ug/L	602859	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	53
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4	Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	50
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

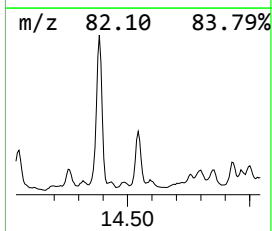
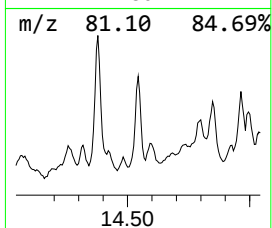
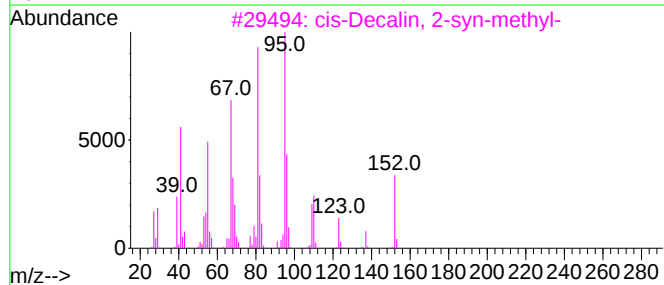
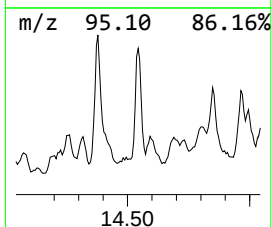
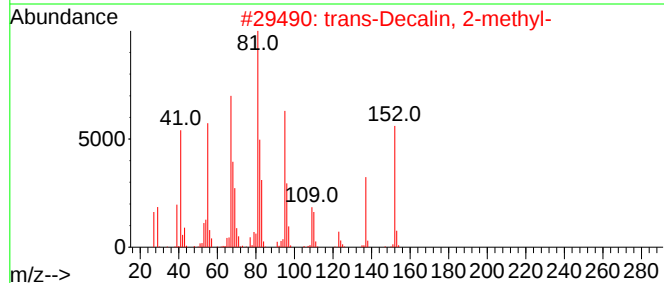
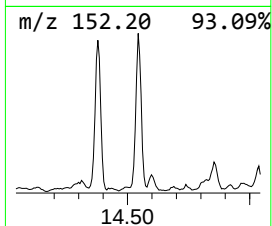
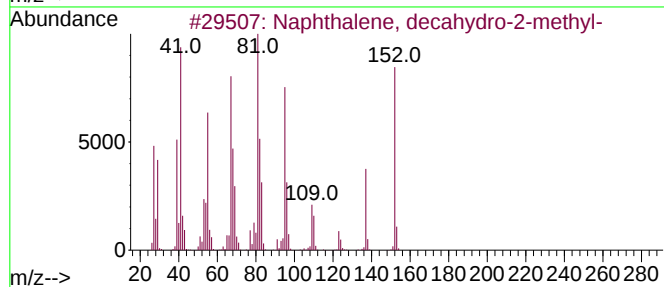
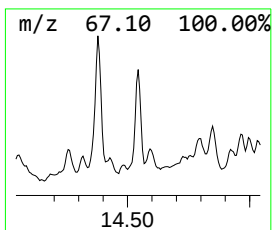
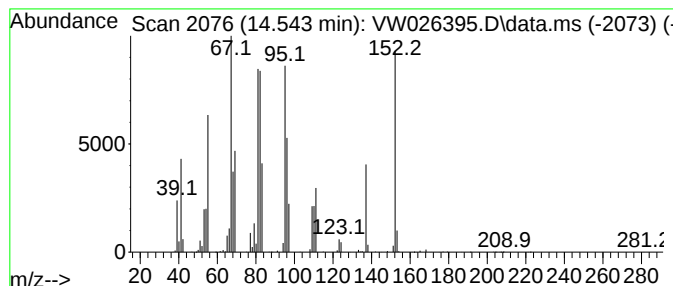
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Quant Title : SFAM01.0

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

Peak Number 36 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	35.07 ug/L	1745110	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	93
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49
5			Pulegone	152	C10H16O	000089-82-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

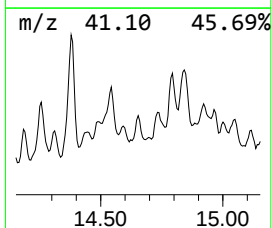
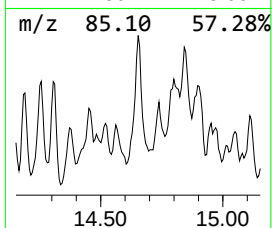
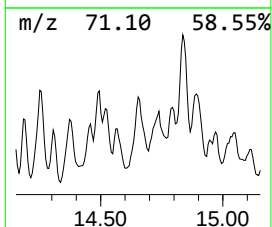
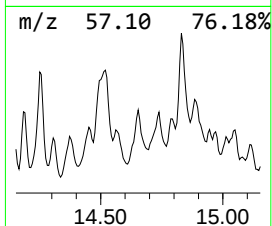
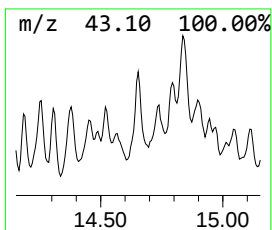
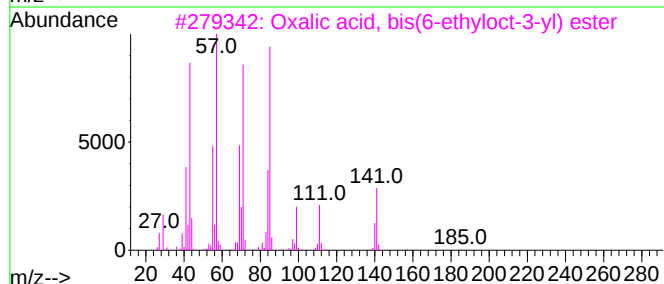
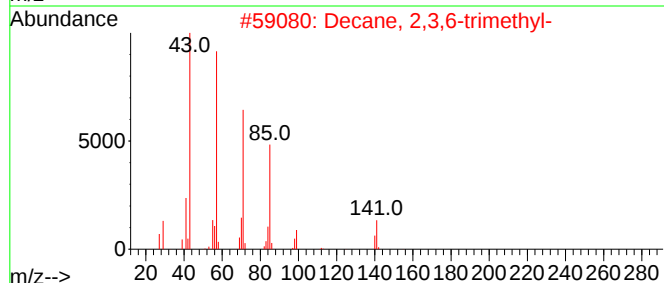
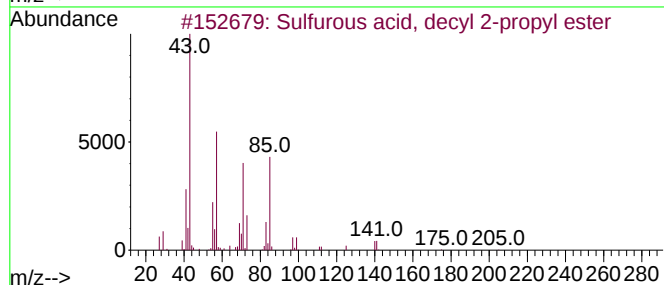
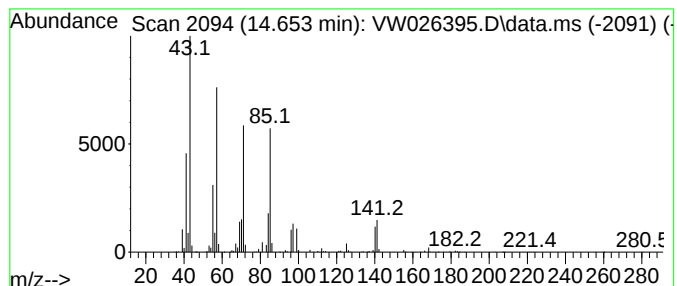
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Quant Title : SFAM01.0

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

Peak Number 37 Sulfurous acid, decyl 2-pro... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	10.76 ug/L	535418	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	78
2			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
3			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	72
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5			9-methylheptadecane	254	C18H38	026741-18-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

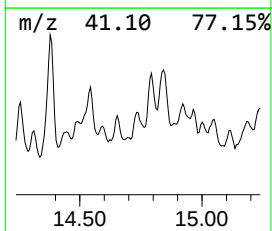
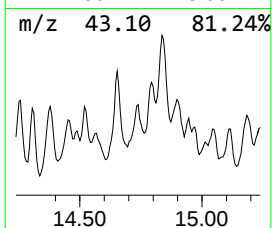
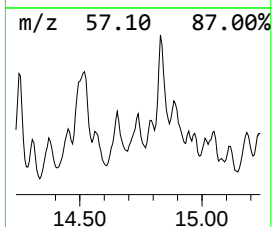
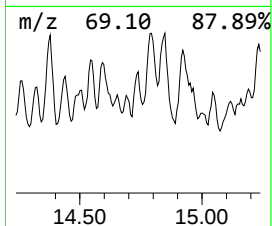
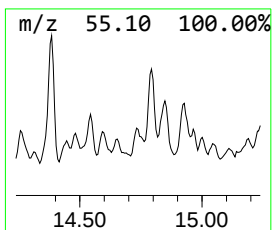
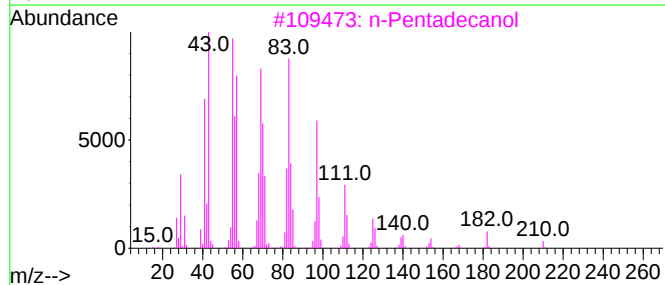
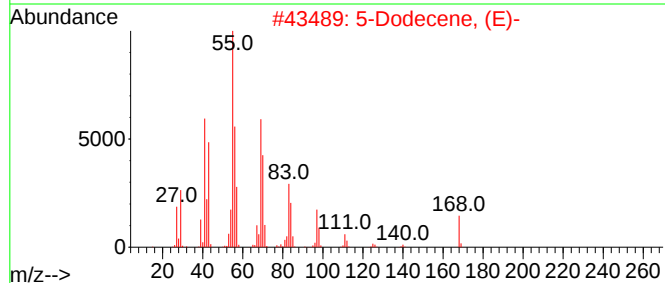
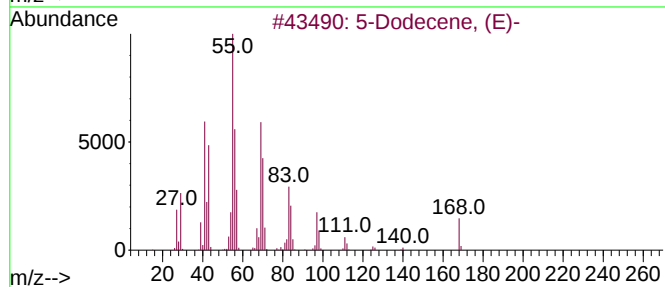
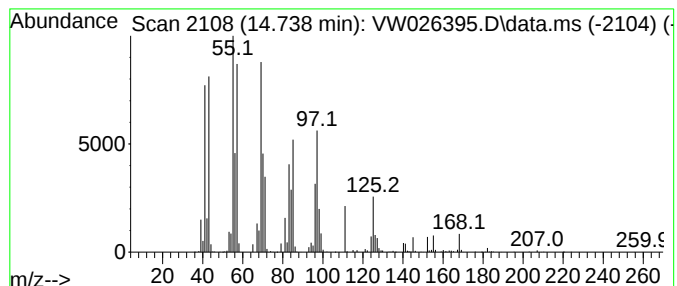
Instrument :
MSVOA_W
ClientSampleId :
A4646

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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 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.738	19.45 ug/L	967804	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Dodecene, (E)-		168	C12H24	007206-16-8	58
2	5-Dodecene, (E)-		168	C12H24	007206-16-8	58
3	n-Pentadecanol		228	C15H32O	000629-76-5	58
4	6-Dodecene, (E)-		168	C12H24	007206-17-9	52
5	1-Hexacosene		364	C26H52	018835-33-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

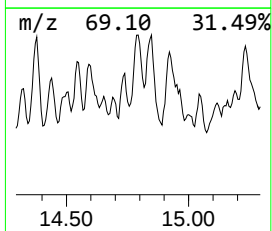
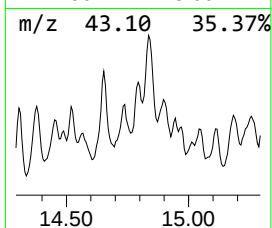
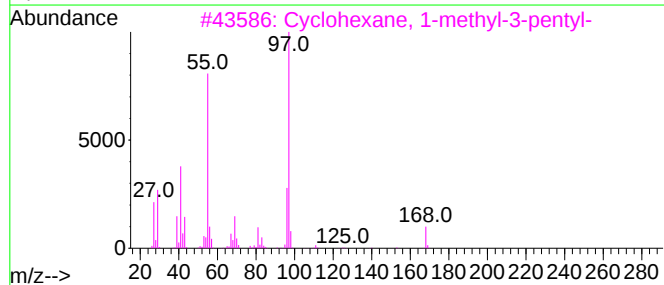
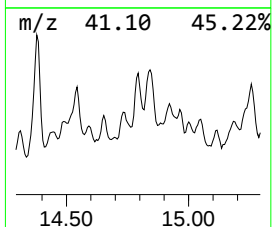
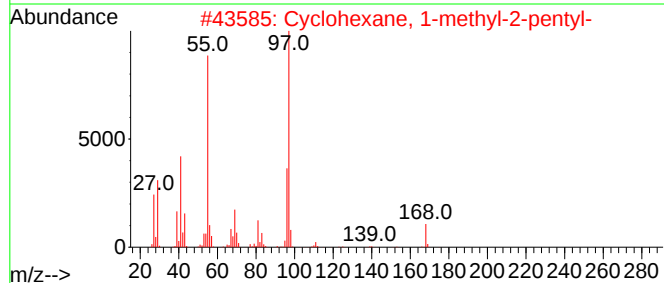
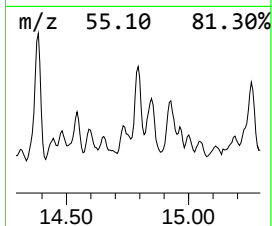
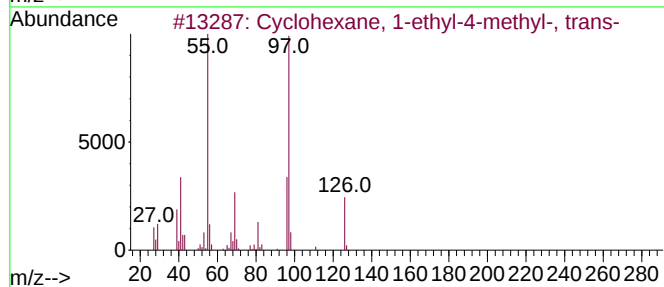
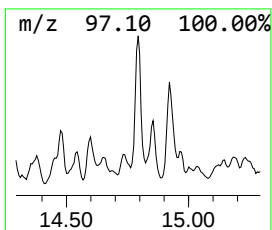
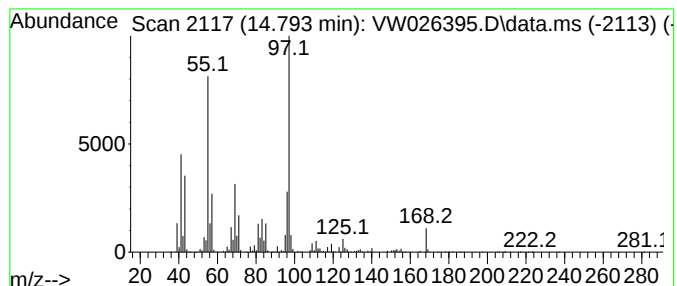
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Cyclic14.793 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	48.32 ug/L	2404020	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	76
2		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	72
3		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	72
4		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	64
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

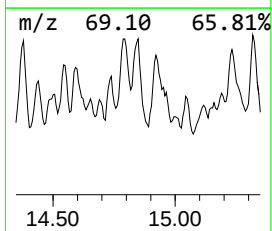
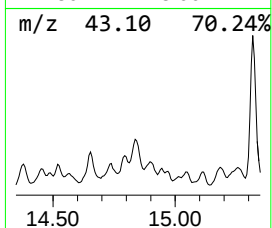
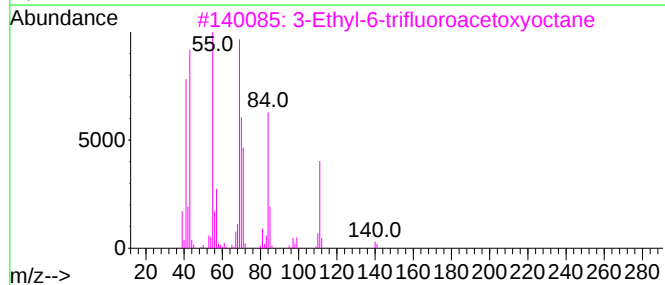
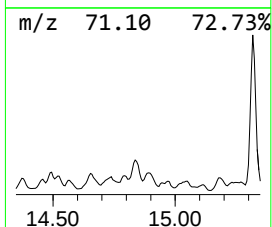
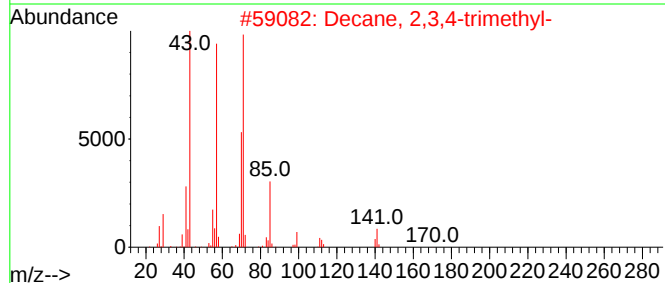
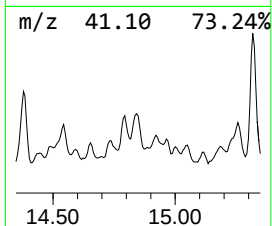
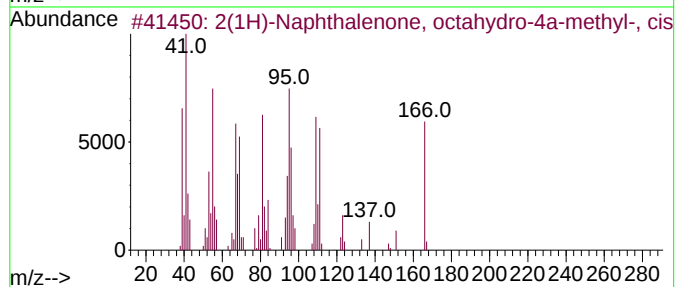
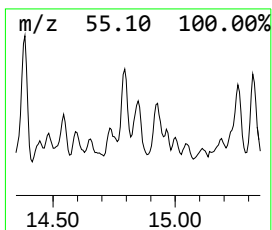
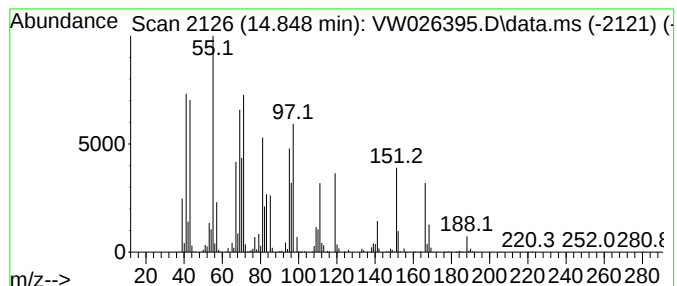
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	54.96 ug/L	2734440	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	166	C11H18O	000938-06-7	22		
2	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	22		
3	3-Ethyl-6-trifluoroacetoxyoctane	254	C12H21F3O2	1010215-97-3	18		
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	11		
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	11		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

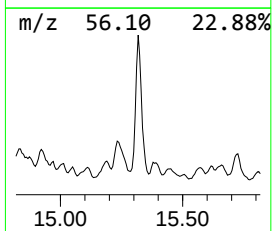
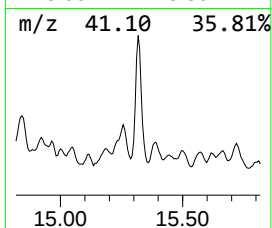
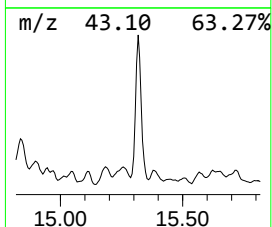
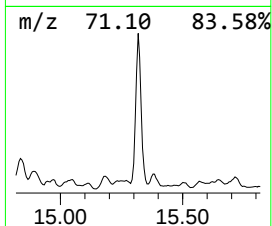
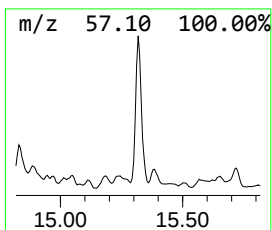
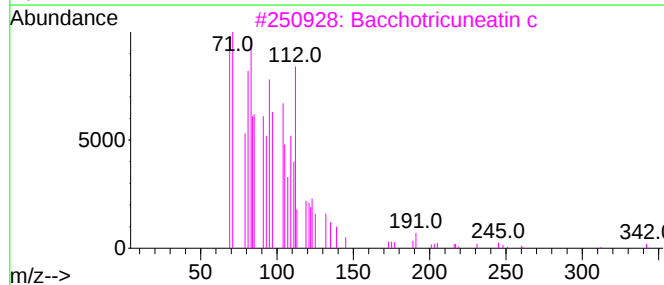
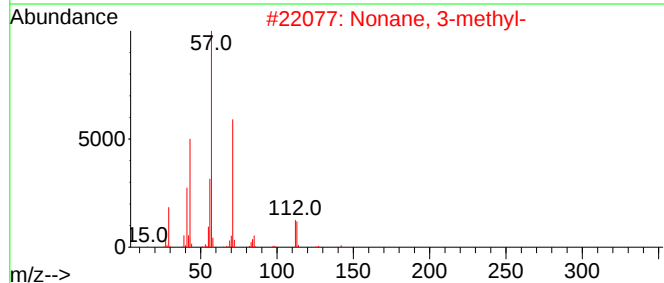
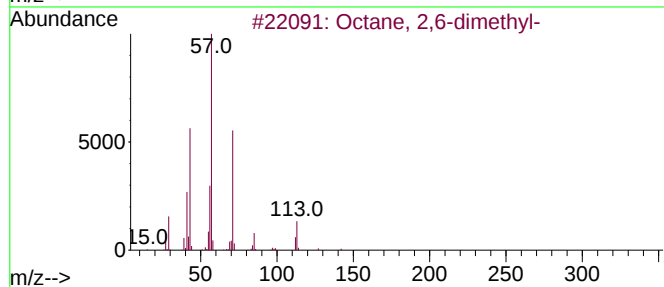
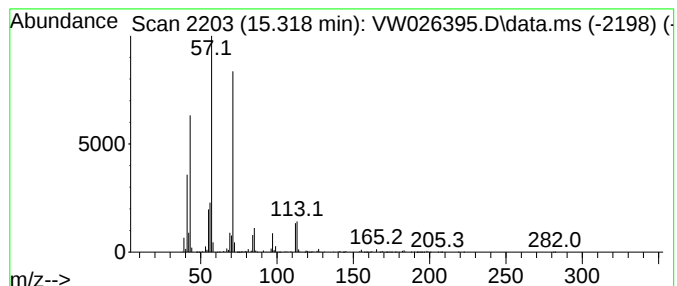
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	133.71 ug/L	6652630	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	90
2	Nonane, 3-methyl-			142	C10H22	005911-04-6	72
3	Bacchotricuneatin c			342	C20H22O5	066563-30-2	72
4	Octane, 3-ethyl-			142	C10H22	005881-17-4	59
5	Sulfurous acid, octyl 2-propyl e...			236	C11H24O3S	1000309-11-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

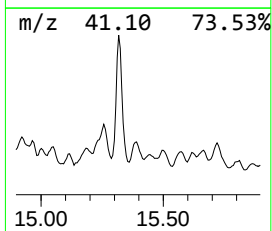
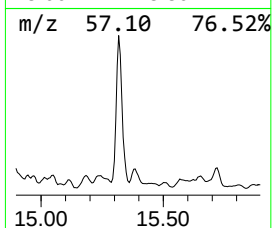
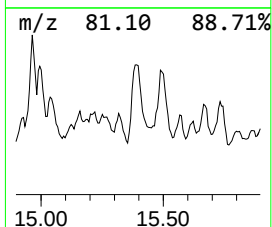
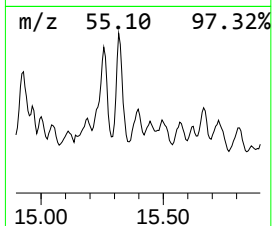
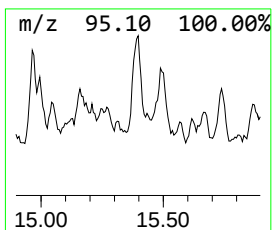
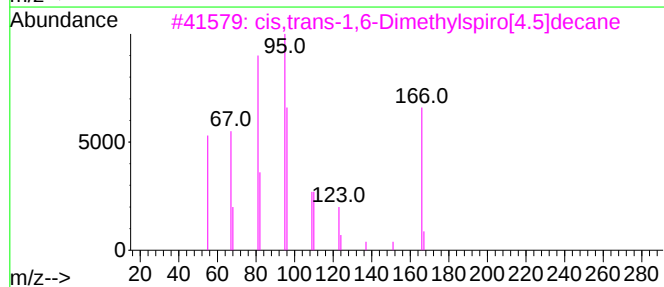
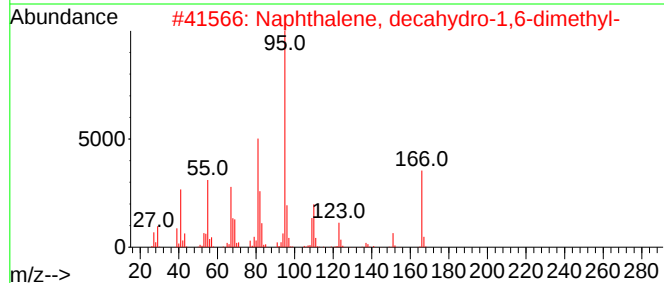
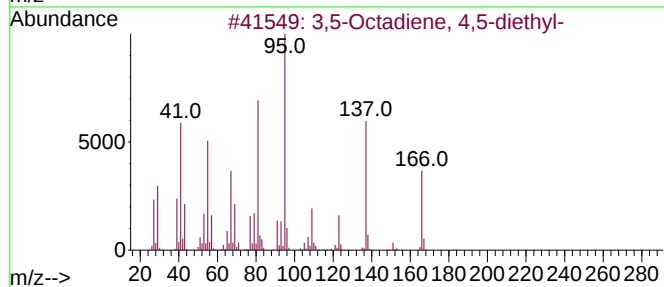
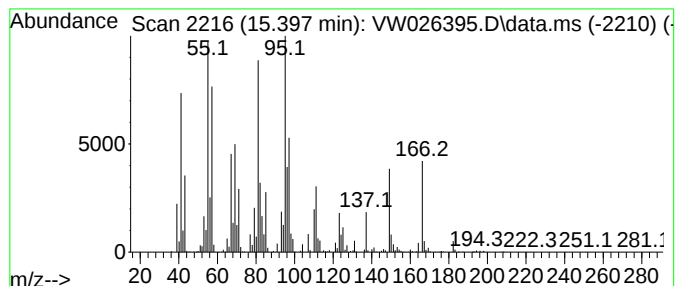
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	32.53 ug/L	1618680	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	49
2			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	41
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	41
4			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	38
5			Cyclohexane, ethylidene-	110	C8H14	001003-64-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

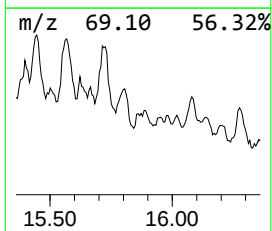
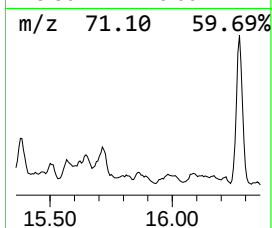
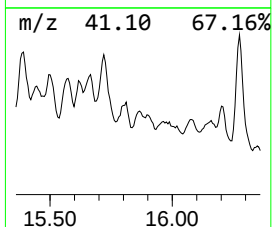
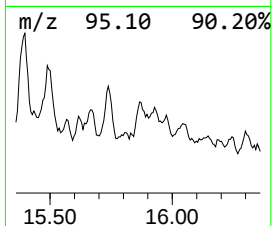
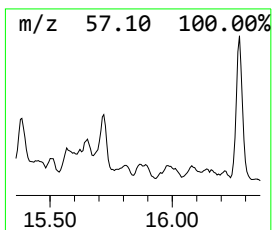
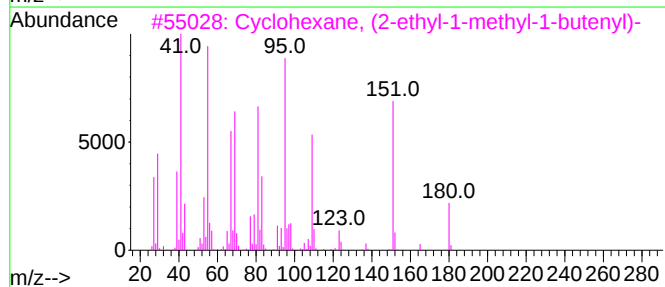
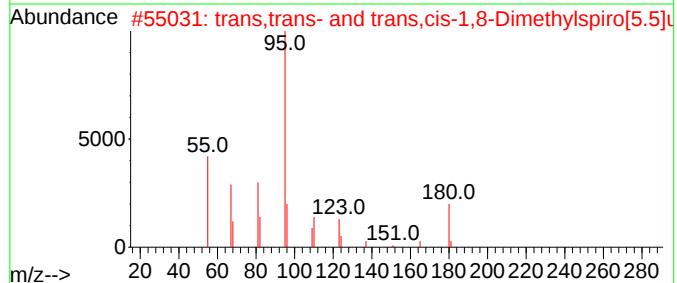
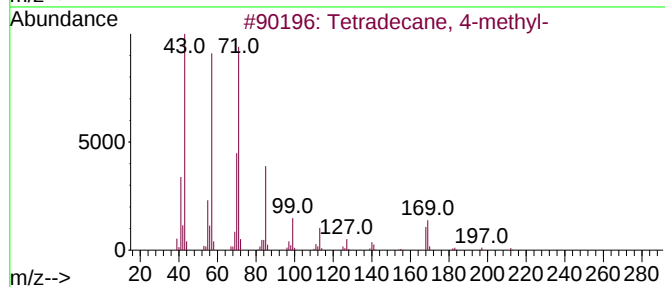
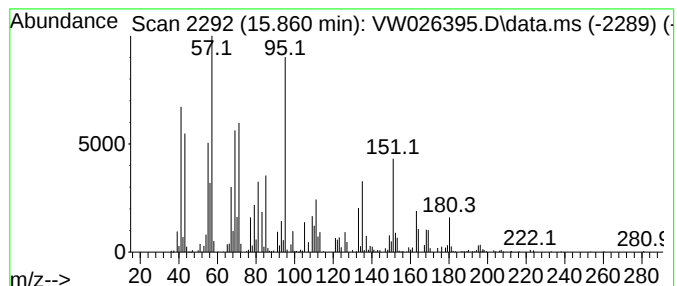
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Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	7.23 ug/L	359676	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	25
2			trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	20
3			Cyclohexane, (2-ethyl-1-methyl-1...	180	C13H24	074810-42-7	18
4			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	14
5			Bicyclo[2.2.1]heptane, 2-hexyl-	180	C13H24	061141-60-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026395.D
Acq On : 28 Jun 2023 13:56
Operator : SY/MD
Sample : 03420-07
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4646

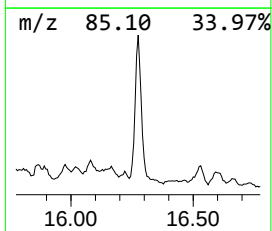
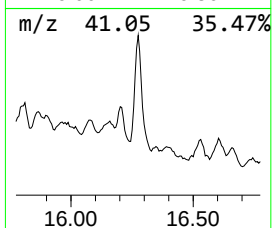
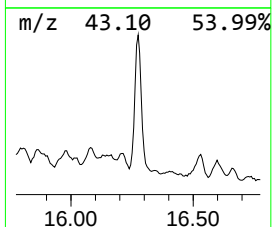
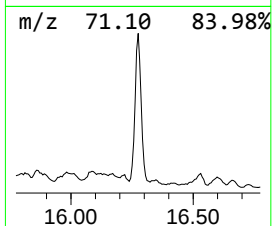
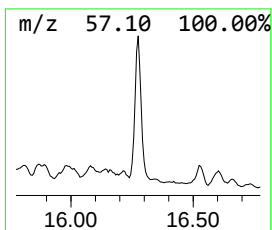
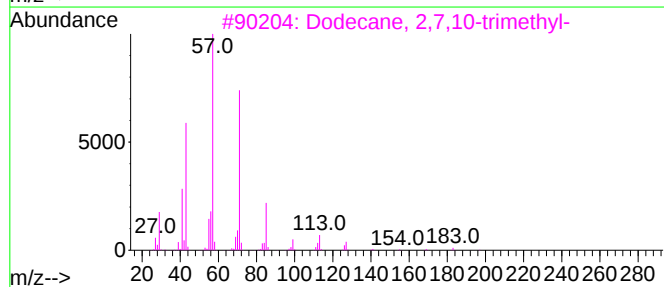
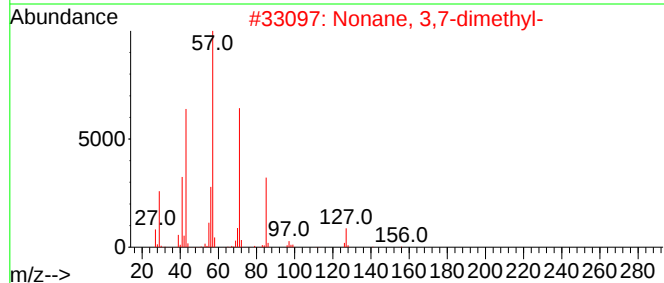
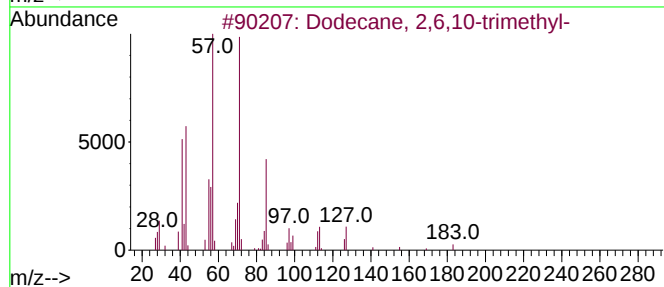
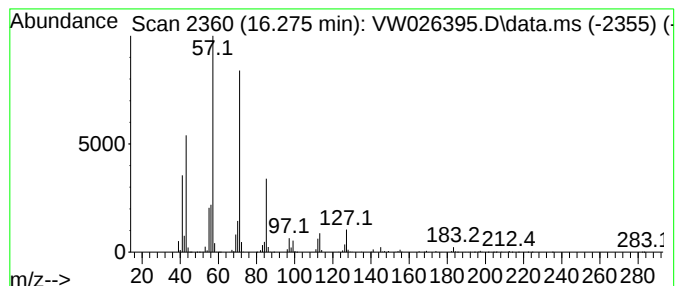
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	56.09 ug/L	2790780	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026395.D
 Acq On : 28 Jun 2023 13:56
 Operator : SY/MD
 Sample : 03420-07
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4646

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

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: S...	11.032	1.3	ug/L	86777	2	11.629	1732310	25.0	
(DEL) Alkane: C...	11.227	1.4	ug/L	95092	2	11.629	1732310	25.0	
(DEL) Alkane: S...	11.337	1.4	ug/L	93969	2	11.629	1732310	25.0	
(DEL) Alkane: S...	11.507	1.9	ug/L	132797	2	11.629	1732310	25.0	
(DEL) Alkane: C...	11.812	1.3	ug/L	92585	2	11.629	1732310	25.0	
(DEL) Alkane: C...	11.873	3.1	ug/L	214477	2	11.629	1732310	25.0	
(DEL) Alkane: C...	11.916	1.4	ug/L	97431	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.056	2.7	ug/L	184197	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.135	9.6	ug/L	664785	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.251	12.2	ug/L	846805	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.361	25.9	ug/L	1794280	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.501	14.5	ug/L	1006510	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.586	2.4	ug/L	166076	2	11.629	1732310	25.0	
(DEL) Alkane: S...	12.745	2.8	ug/L	140580	3	13.556	1243890	25.0	
(DEL) Alkane: S...	12.775	12.7	ug/L	633815	3	13.556	1243890	25.0	
(DEL) Alkane: C...	12.861	13.9	ug/L	689600	3	13.556	1243890	25.0	
(DEL) Alkane: C...	12.940	36.6	ug/L	1819760	3	13.556	1243890	25.0	
(DEL) Alkane: C...	12.989	10.5	ug/L	521826	3	13.556	1243890	25.0	
(DEL) Alkane: S...	13.074	25.9	ug/L	1289490	3	13.556	1243890	25.0	
unknown-01	13.123	20.1	ug/L	1002130	3	13.556	1243890	25.0	
Carbonic acid, ...	13.184	10.4	ug/L	517007	3	13.556	1243890	25.0	
(DEL) Alkane: S...	13.288	30.5	ug/L	1518400	3	13.556	1243890	25.0	
(DEL) Alkane: S...	13.342	22.8	ug/L	1136120	3	13.556	1243890	25.0	
(DEL) Alkane: S...	13.409	22.6	ug/L	1123540	3	13.556	1243890	25.0	
(DEL) Alkane: C...	13.440	43.9	ug/L	2183660	3	13.556	1243890	25.0	
(DEL) Alkane: S...	13.483	22.9	ug/L	1138190	3	13.556	1243890	25.0	
(DEL) Alkane: S...	13.690	20.6	ug/L	1022300	3	13.556	1243890	25.0	
Sulfurous acid,...	13.915	29.4	ug/L	1461620	3	13.556	1243890	25.0	
(DEL) Alkane: C...	13.976	25.9	ug/L	1290780	3	13.556	1243890	25.0	
(DEL) Alkane: S...	14.190	19.8	ug/L	985068	3	13.556	1243890	25.0	
Carbonic acid, ...	14.257	39.5	ug/L	1965480	3	13.556	1243890	25.0	
(DEL) Alkane: S...	14.312	15.4	ug/L	766777	3	13.556	1243890	25.0	
Cyclohexane, 2-...	14.379	104.9	ug/L	5220600	3	13.556	1243890	25.0	
(DEL) Alkane: S...	14.489	12.1	ug/L	602859	3	13.556	1243890	25.0	
Naphthalene, de...	14.543	35.1	ug/L	1745110	3	13.556	1243890	25.0	
Sulfurous acid,...	14.653	10.8	ug/L	535418	3	13.556	1243890	25.0	
(DEL) Alkane: S...	14.738	19.4	ug/L	967804	3	13.556	1243890	25.0	
(DEL) Alkane: C...	14.793	48.3	ug/L	2404020	3	13.556	1243890	25.0	
unknown-02	14.848	55.0	ug/L	2734440	3	13.556	1243890	25.0	
(DEL) Alkane: S...	15.318	133.7	ug/L	6652630	3	13.556	1243890	25.0	
unknown-03	15.397	32.5	ug/L	1618680	3	13.556	1243890	25.0	
(DEL) Alkane: S...	15.860	7.2	ug/L	359676	3	13.556	1243890	25.0	
(DEL) Alkane: S...	16.275	56.1	ug/L	2790780	3	13.556	1243890	25.0	