

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
 Data File : VW029576.D
 Acq On : 15 Jul 2024 15:37
 Operator : SY/MD
 Sample : P3201-21
 Misc : 5.29g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DA5

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\SFAMWLM070824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	92	rBV	38797	117754	11.92%	1.286%
2	2.893	158	165	181	rBV	36988	115214	11.66%	1.258%
3	3.228	218	220	224	rVB4	768	924	0.09%	0.010%
4	3.259	224	225	227	rBV2	727	552	0.06%	0.006%
5	3.301	230	232	235	rVB3	929	866	0.09%	0.009%
6	3.387	244	246	249	rVB2	1003	909	0.09%	0.010%
7	3.497	262	264	267	rVB4	636	596	0.06%	0.007%
8	3.533	267	270	272	rBV4	510	701	0.07%	0.008%
9	3.734	300	303	306	rVV4	891	1151	0.12%	0.013%
10	3.789	309	312	315	rVB3	819	1026	0.10%	0.011%
11	3.844	319	321	323	rBV3	707	916	0.09%	0.010%
12	3.875	325	326	333	rVB6	1299	1554	0.16%	0.017%
13	4.021	338	350	361	rBV2	86165	302314	30.60%	3.302%
14	4.118	362	366	379	rVB2	24614	67447	6.83%	0.737%
15	4.393	401	411	424	rVB2	6050	20444	2.07%	0.223%
16	4.667	454	456	458	rBV3	524	582	0.06%	0.006%
17	4.923	485	498	509	rVV4	13978	57655	5.84%	0.630%
18	5.234	547	549	551	rBV3	467	552	0.06%	0.006%
19	5.258	551	553	556	rVB3	560	598	0.06%	0.007%
20	5.618	609	612	613	rBV2	703	731	0.07%	0.008%
21	5.728	627	630	632	rBV3	546	847	0.09%	0.009%
22	5.789	632	640	643	rBV8	927	2610	0.26%	0.029%
23	5.941	656	665	680	rVB4	5887	19299	1.95%	0.211%
24	6.124	693	695	699	rVB3	622	593	0.06%	0.006%
25	6.209	708	709	713	rBV3	504	582	0.06%	0.006%
26	6.594	769	772	774	rBV4	551	700	0.07%	0.008%
27	6.661	781	783	786	rBV3	495	556	0.06%	0.006%
28	6.819	805	809	812	rVB5	547	594	0.06%	0.006%
29	6.880	817	819	820	rBV	636	591	0.06%	0.006%
30	6.984	832	836	839	rBV5	846	1089	0.11%	0.012%
31	7.081	839	852	861	rBV2	36299	105970	10.73%	1.157%
32	7.173	863	867	880	rVB2	11873	33589	3.40%	0.367%
33	7.514	920	923	925	rBV4	681	958	0.10%	0.010%
34	7.539	925	927	929	rVV3	911	877	0.09%	0.010%
35	7.648	935	945	960	rVB	163440	410598	41.56%	4.484%
36	7.935	988	992	994	rVV4	749	1008	0.10%	0.011%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Title : SFAM01.0

37	7.996	1001	1002	1005	rBV2	749	608	0.06%	0.007%
38	8.038	1005	1009	1014	rBV5	753	1121	0.11%	0.012%
39	8.148	1025	1027	1031	rVB3	924	965	0.10%	0.011%
40	8.276	1037	1048	1066	rBV2	326010	988034	100.00%	10.791%
41	8.410	1068	1070	1072	rVB3	751	643	0.07%	0.007%
42	8.544	1090	1092	1093	rBV2	871	582	0.06%	0.006%
43	8.672	1111	1113	1114	rBV	1110	827	0.08%	0.009%
44	8.843	1131	1141	1151	rBV	434339	843852	85.41%	9.216%
45	9.075	1169	1179	1187	rBV10	5675	16324	1.65%	0.178%
46	9.270	1202	1211	1228	rBV	233565	482171	48.80%	5.266%
47	9.380	1228	1229	1234	rVB5	818	784	0.08%	0.009%
48	9.502	1247	1249	1254	rVB6	623	705	0.07%	0.008%
49	9.599	1263	1265	1266	rBV2	749	602	0.06%	0.007%
50	9.672	1271	1277	1283	rVB7	1131	2588	0.26%	0.028%
51	9.758	1285	1291	1297	rVB10	1561	3648	0.37%	0.040%
52	9.806	1297	1299	1304	rBV5	564	766	0.08%	0.008%
53	9.861	1304	1308	1309	rBV3	626	967	0.10%	0.011%
54	9.886	1309	1312	1313	rBV3	613	559	0.06%	0.006%
55	9.953	1320	1323	1328	rBV6	857	1196	0.12%	0.013%
56	10.032	1328	1336	1346	rBV	100411	185980	18.82%	2.031%
57	10.245	1367	1371	1375	rBV5	806	1478	0.15%	0.016%
58	10.318	1376	1383	1392	rBV	352261	642404	65.02%	7.016%
59	10.471	1406	1408	1410	rBV3	865	698	0.07%	0.008%
60	10.495	1410	1412	1418	rVB6	1199	1993	0.20%	0.022%
61	10.575	1419	1425	1436	rBV	61748	109515	11.08%	1.196%
62	10.696	1441	1445	1449	rVB2	3124	5536	0.56%	0.060%
63	10.770	1453	1457	1459	rVB4	1582	1916	0.19%	0.021%
64	10.861	1462	1472	1477	rBV4	23283	50277	5.09%	0.549%
65	10.922	1477	1482	1496	rVB	128289	227590	23.03%	2.486%
66	11.178	1520	1524	1526	rBV4	1810	2309	0.23%	0.025%
67	11.227	1528	1532	1537	rVB2	5714	8893	0.90%	0.097%
68	11.276	1537	1540	1545	rVB7	1503	2345	0.24%	0.026%
69	11.337	1545	1550	1553	rBV3	4622	6471	0.65%	0.071%
70	11.434	1562	1566	1570	rVB5	3058	4788	0.48%	0.052%
71	11.507	1574	1578	1589	rVB4	4767	10998	1.11%	0.120%
72	11.629	1589	1598	1607	rBV	432061	741248	75.02%	8.095%
73	11.763	1616	1620	1623	rBV4	2465	3712	0.38%	0.041%
74	11.812	1624	1628	1633	rBV7	3485	6179	0.63%	0.067%
75	11.873	1633	1638	1642	rBV2	9328	17771	1.80%	0.194%
76	11.971	1649	1654	1656	rBV3	2687	4665	0.47%	0.051%

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77	12.056	1664	1668	1673	rVB3	7006	11729	1.19%	0.128%
78	12.135	1673	1681	1687	rBV2	20154	49038	4.96%	0.536%
79	12.245	1696	1699	1704	rVB2	25038	37535	3.80%	0.410%
80	12.361	1704	1718	1725	rBV7	31215	122746	12.42%	1.341%
81	12.599	1752	1757	1758	rBV2	6780	11262	1.14%	0.123%
82	12.690	1765	1772	1778	rBV	150925	272394	27.57%	2.975%
83	12.775	1783	1786	1793	rVB2	31683	53291	5.39%	0.582%
84	12.855	1794	1799	1804	rBV5	14385	33704	3.41%	0.368%
85	12.934	1806	1812	1818	rBV6	37971	99369	10.06%	1.085%
86	13.050	1826	1831	1832	rBV3	25273	38359	3.88%	0.419%
87	13.123	1839	1843	1846	rBV2	39889	64411	6.52%	0.703%
88	13.159	1846	1849	1858	rVV5	29196	66433	6.72%	0.726%
89	13.287	1867	1870	1875	rBV2	29881	39388	3.99%	0.430%
90	13.336	1875	1878	1882	rBV2	19486	28528	2.89%	0.312%
91	13.556	1909	1914	1918	rBV	235441	365427	36.99%	3.991%
92	13.848	1957	1962	1970	rBV2	155520	405175	41.01%	4.425%
93	14.184	2014	2017	2022	rBV3	30027	47768	4.83%	0.522%
94	14.257	2025	2029	2034	rVB4	54416	97461	9.86%	1.064%
95	14.379	2045	2049	2054	rVB3	118966	177917	18.01%	1.943%
96	14.495	2064	2068	2073	rBV3	70691	156961	15.89%	1.714%
97	14.793	2113	2117	2120	rBV	65970	121604	12.31%	1.328%
98	14.836	2120	2124	2131	rVB2	160504	310071	31.38%	3.386%
99	15.318	2198	2203	2210	rVB	338988	551078	55.78%	6.018%
100	16.275	2355	2360	2368	rVB	177926	338165	34.23%	3.693%

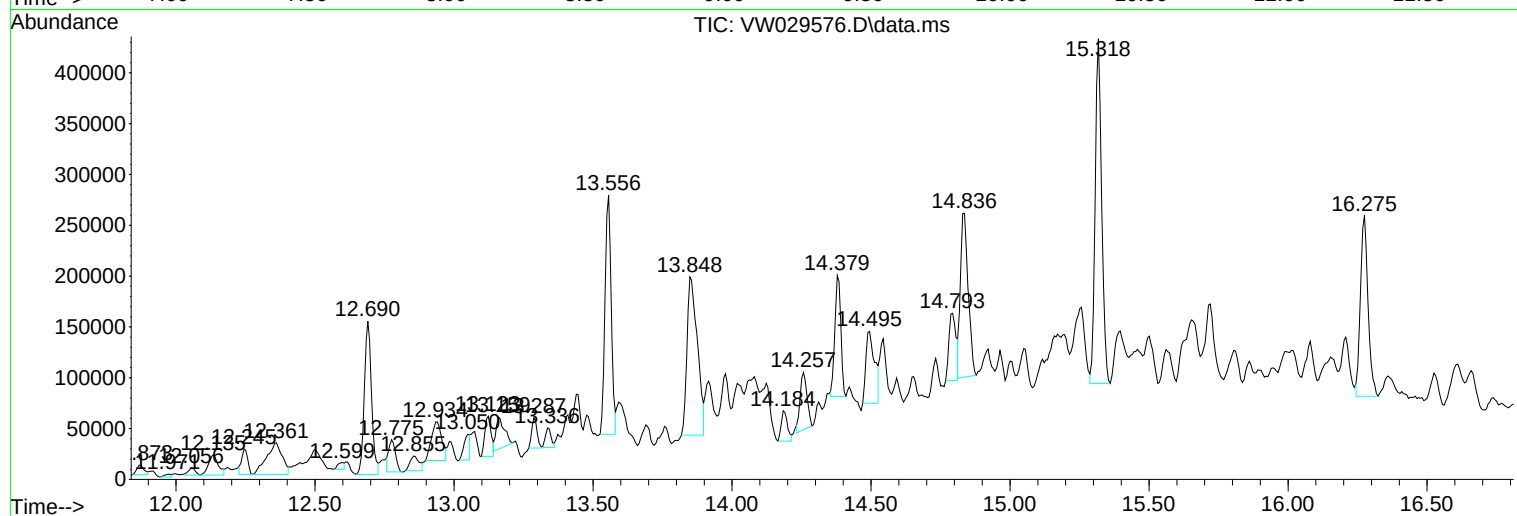
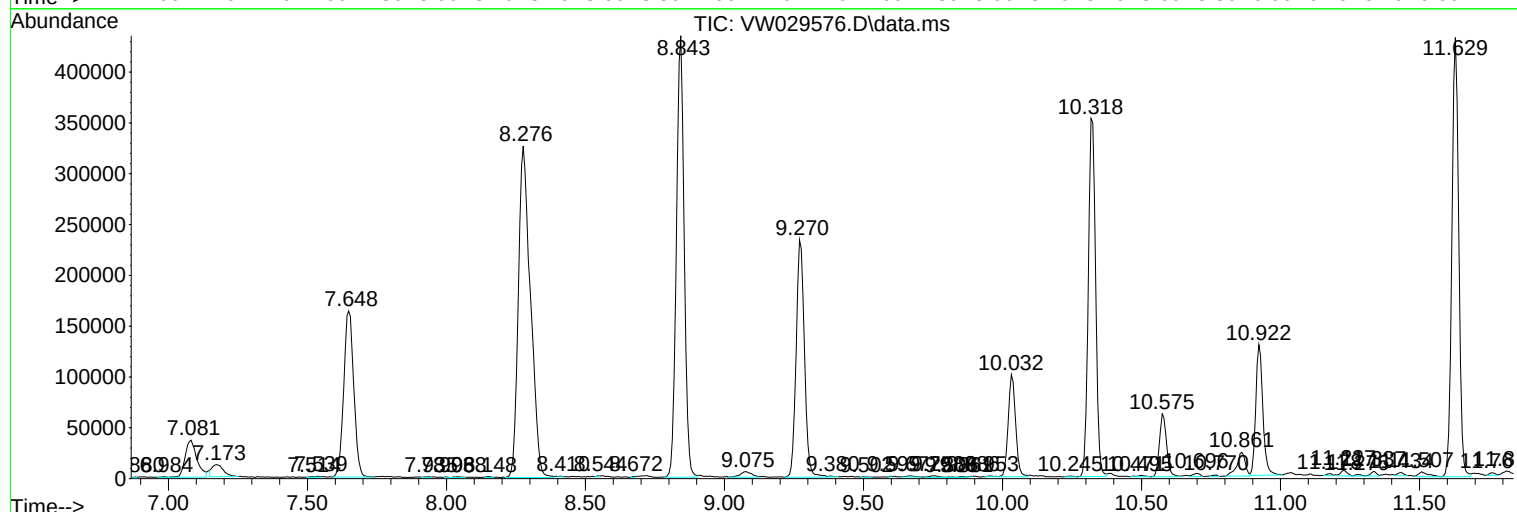
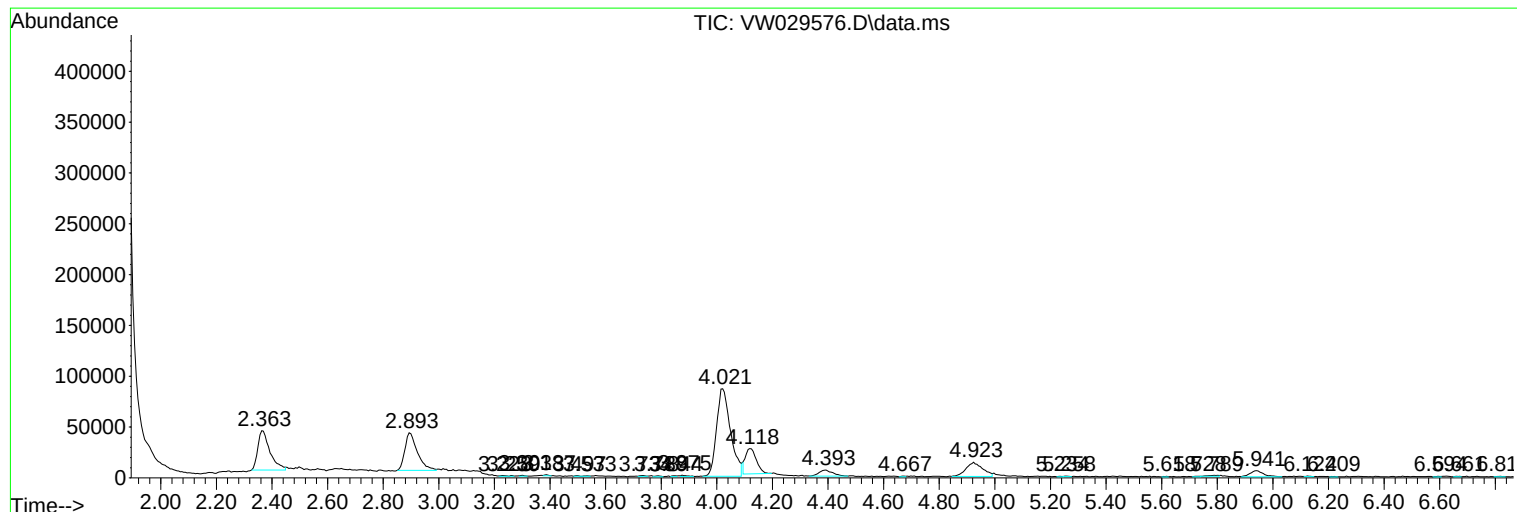
Sum of corrected areas: 9156469

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Instrument :
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A4DA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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



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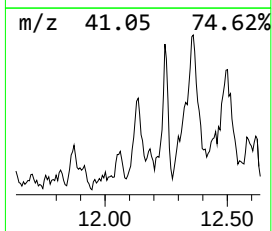
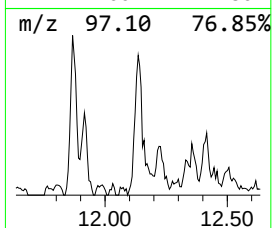
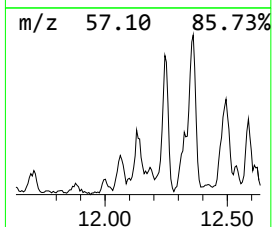
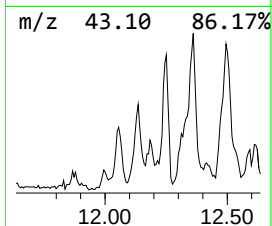
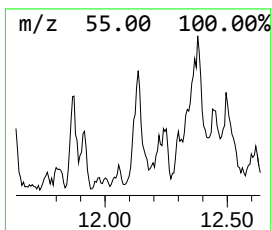
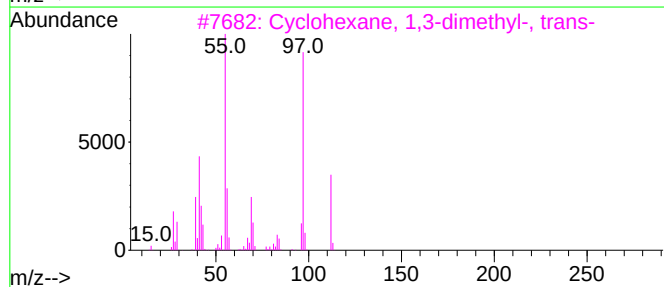
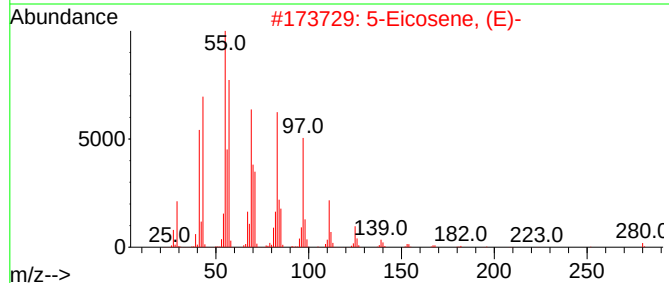
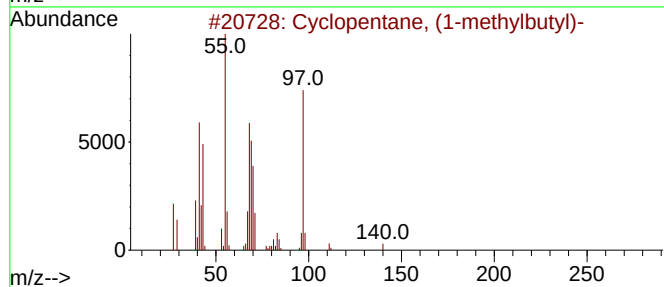
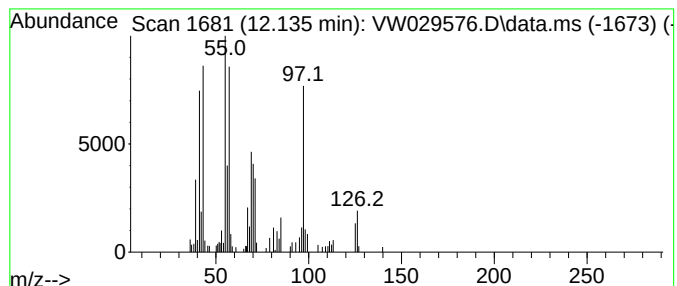
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.135 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	1.65 ug/L	49038	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	70
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	58
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
5			1-Docosene	308	C22H44	001599-67-3	49



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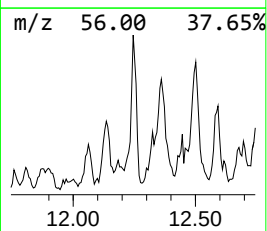
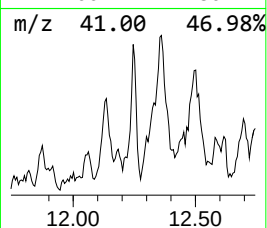
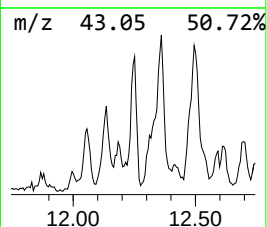
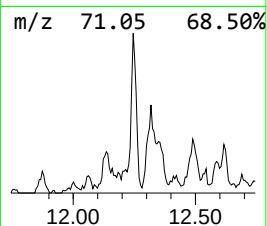
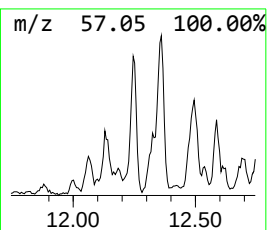
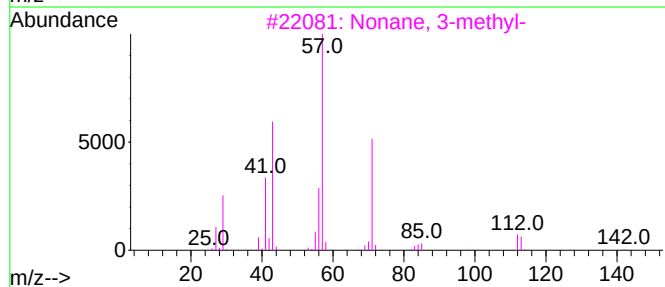
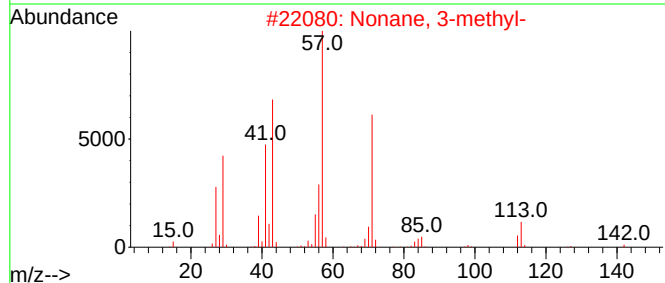
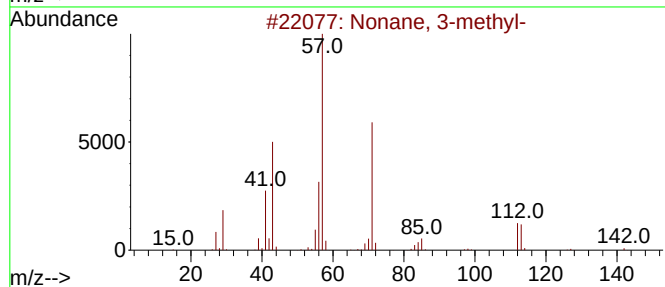
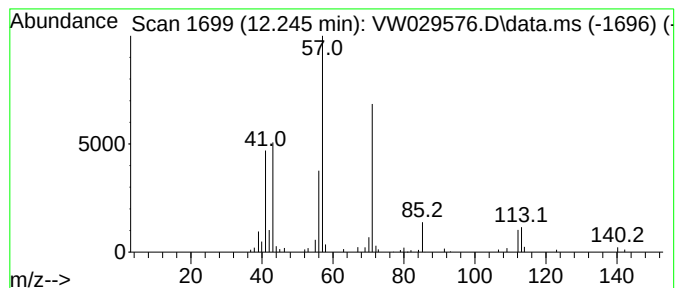
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	1.27 ug/L	37535	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



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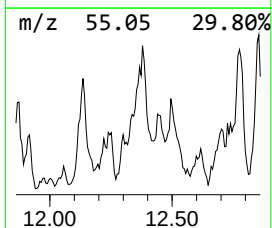
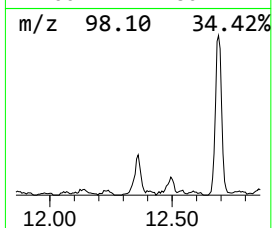
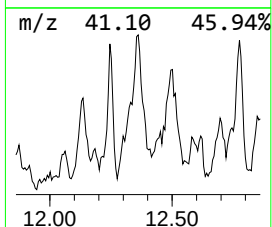
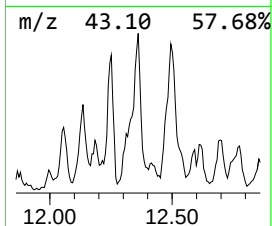
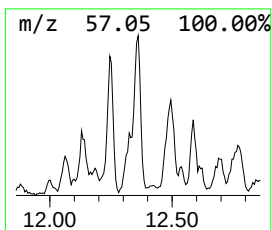
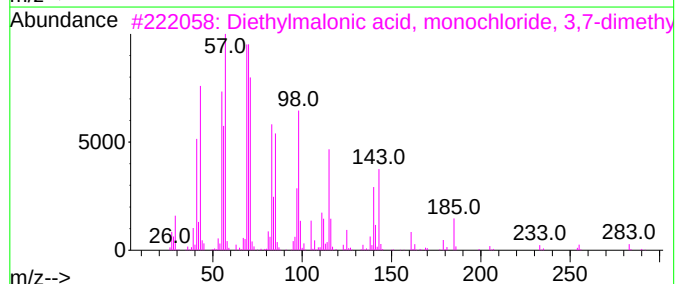
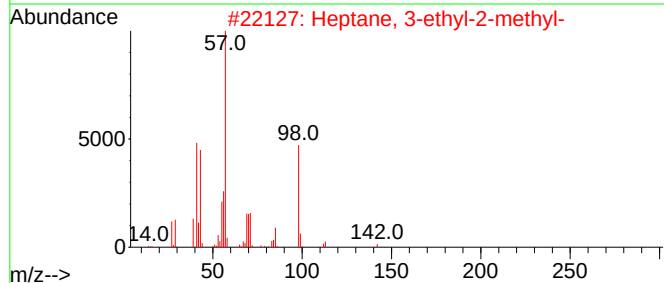
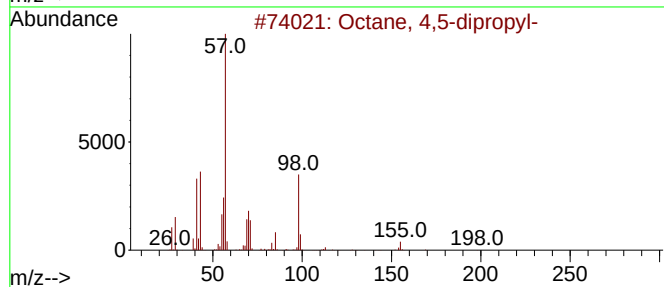
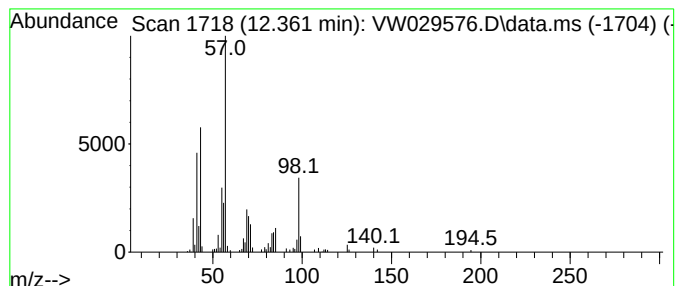
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.361	4.14 ug/L	122746	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Diethylmalonic acid, monochlorid...	318	C17H31ClO3	1000369-41-8	43
4	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	43
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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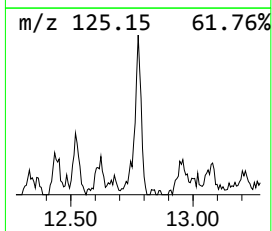
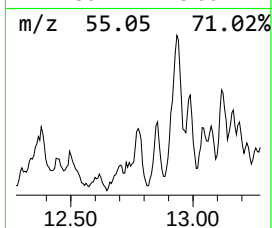
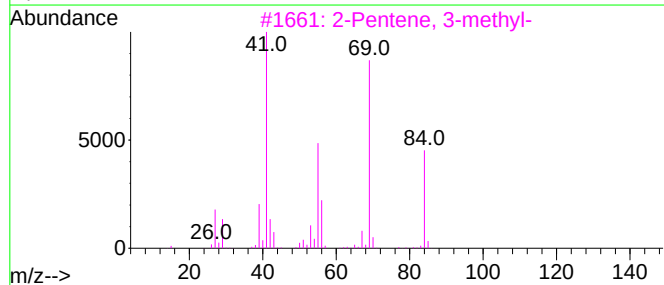
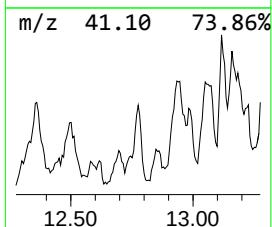
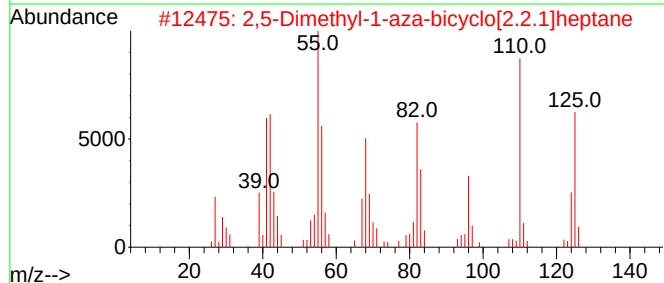
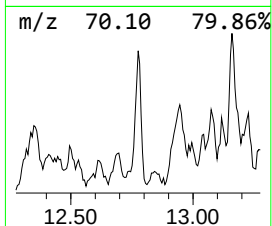
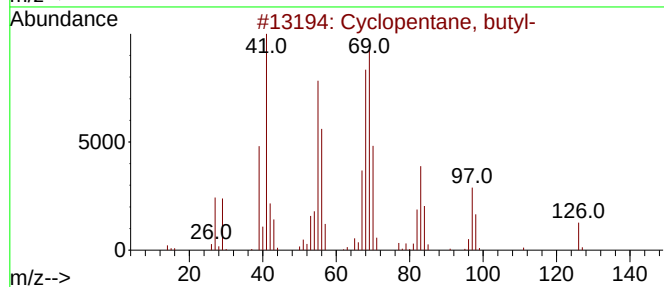
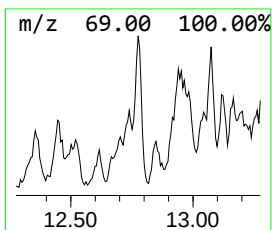
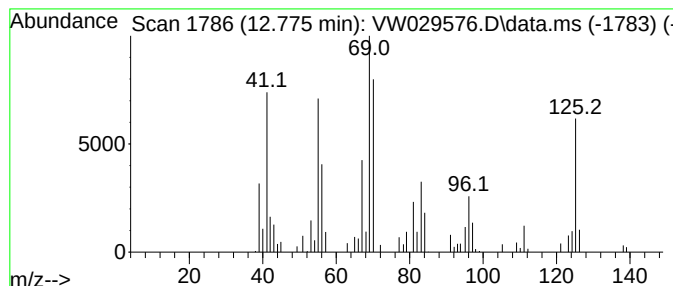
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.775 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	3.65 ug/L	53291	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	43
2			2,5-Dimethyl-1-aza-bicyclo[2.2.1...]	125	C8H15N	1000194-05-9	30
3			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	30
4			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	30
5			2-Methyl-2-octene	126	C9H18	016993-86-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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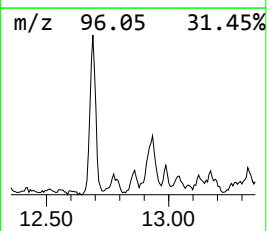
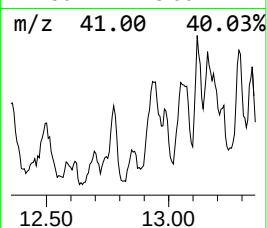
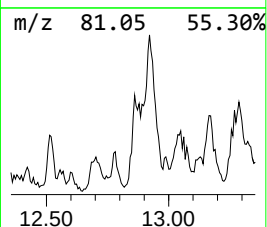
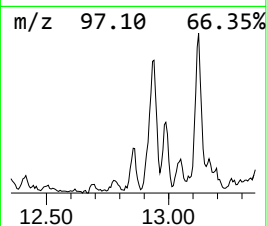
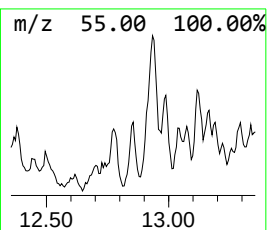
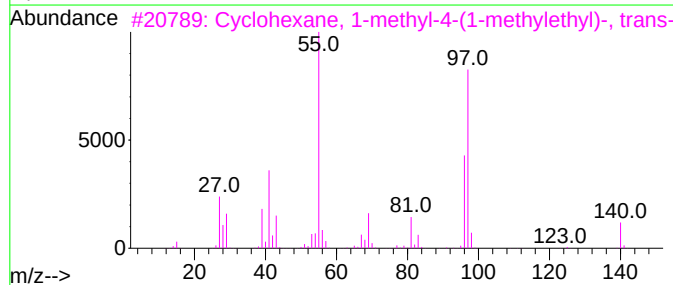
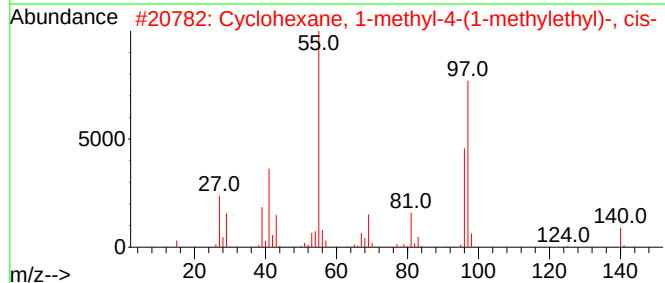
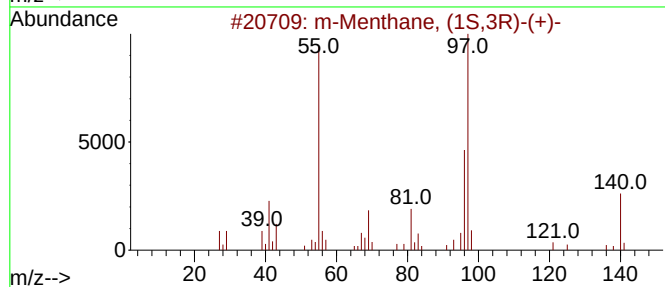
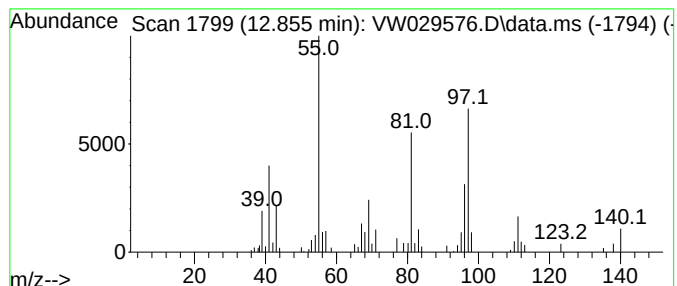
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	2.31 ug/L	33704	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	74
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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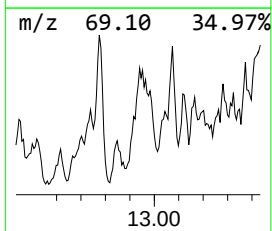
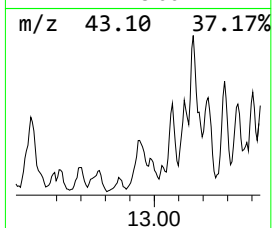
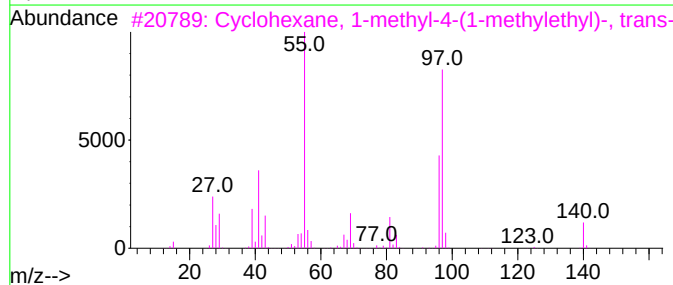
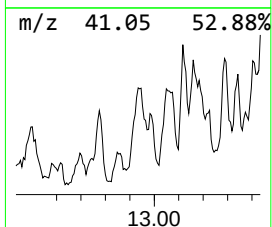
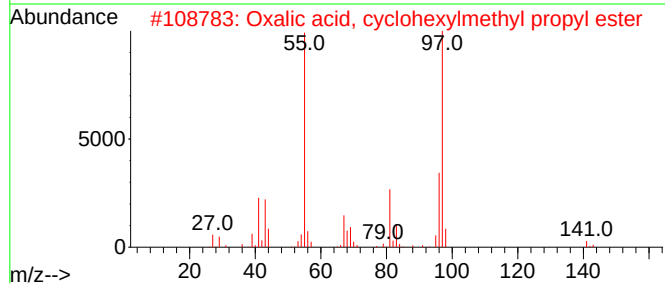
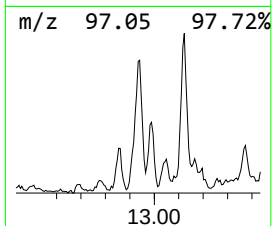
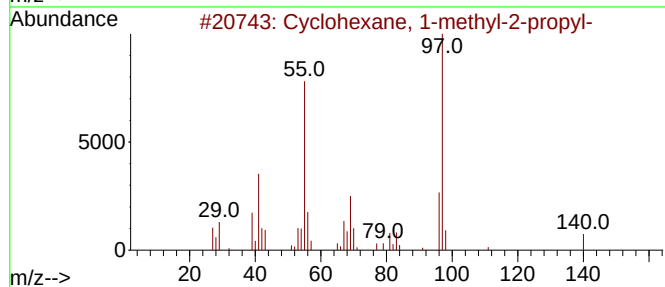
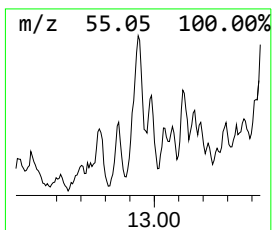
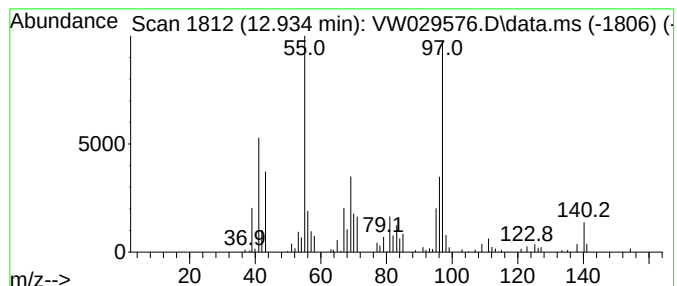
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.934 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	6.80 ug/L	99369	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	68
2			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	59
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
4			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	53
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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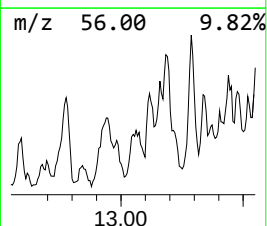
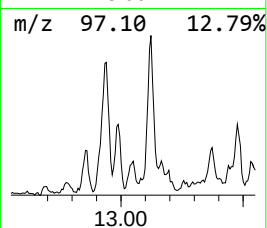
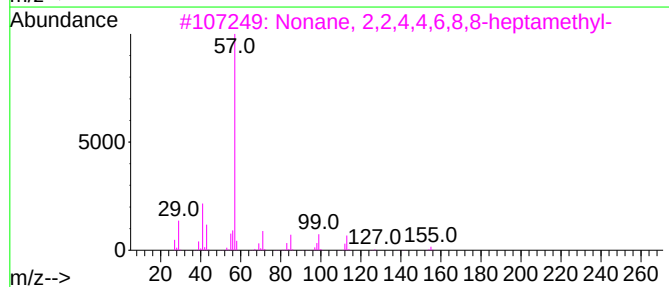
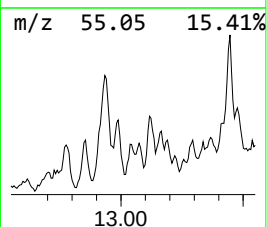
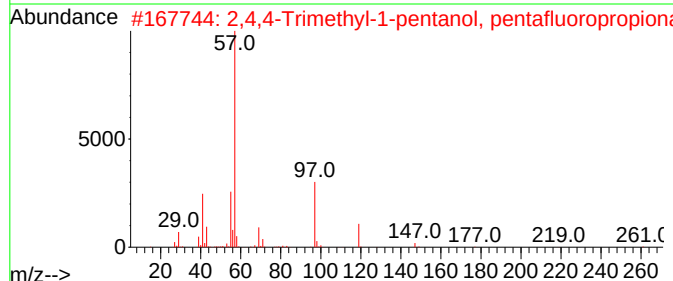
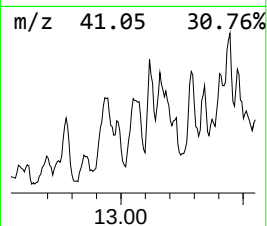
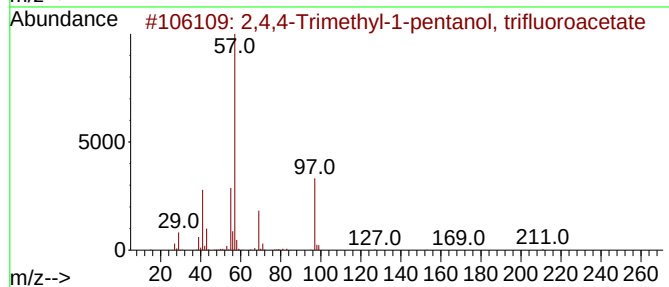
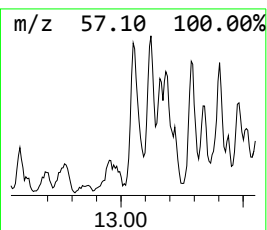
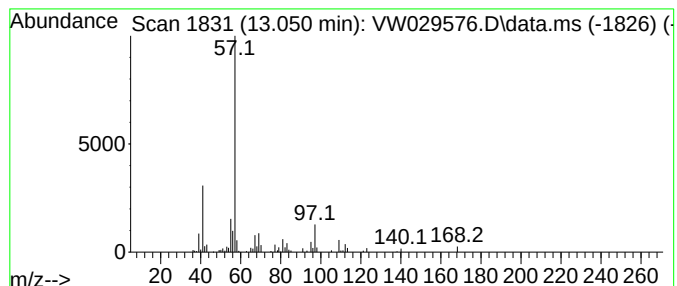
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	2.62 ug/L	38359	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	47
2		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	47
3		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
4		Thiocyanic acid, 1,1,3,3-tetrame...	171	C9H17NS	089601-36-5	42
5		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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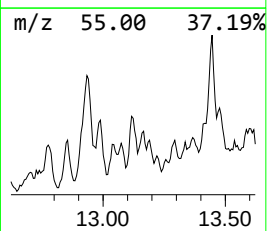
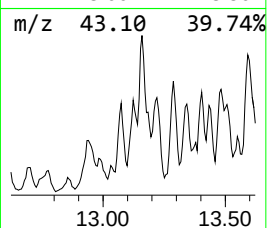
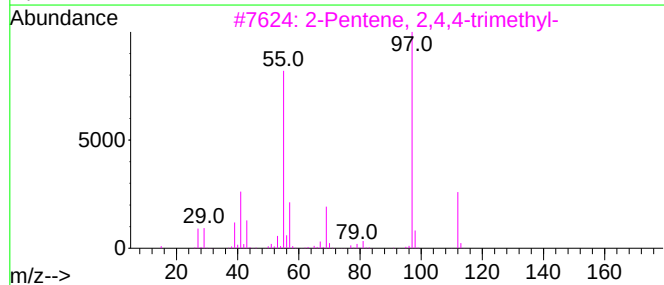
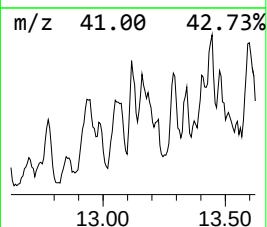
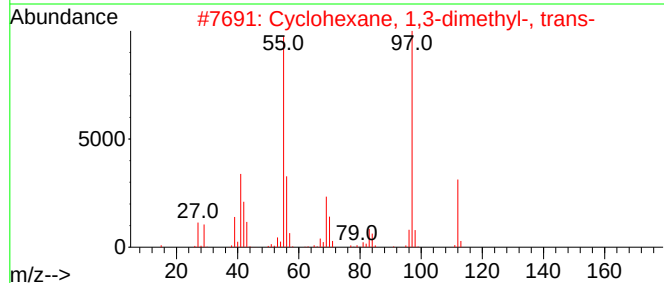
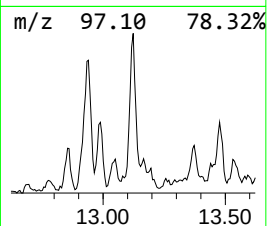
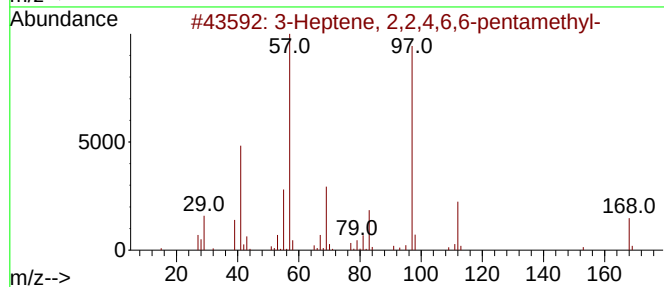
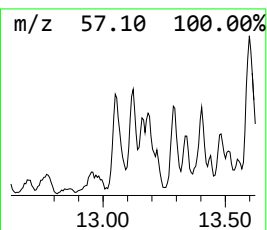
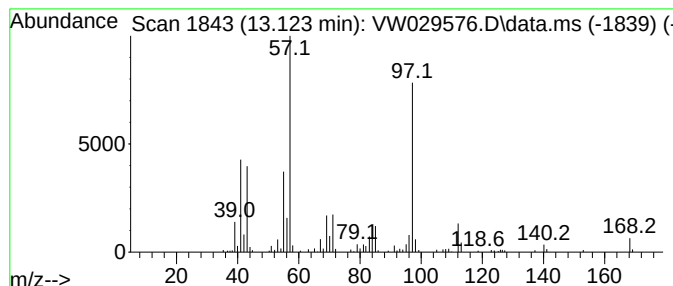
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	4.41 ug/L	64411	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	64
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
3		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	53
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
5		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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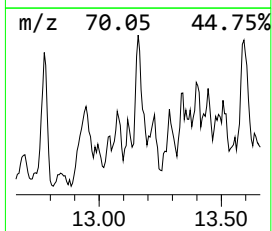
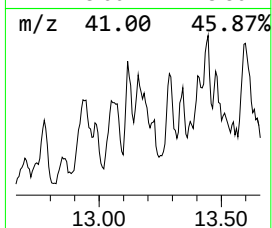
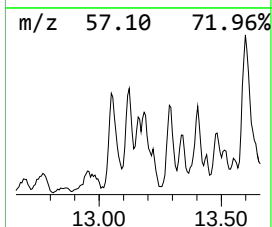
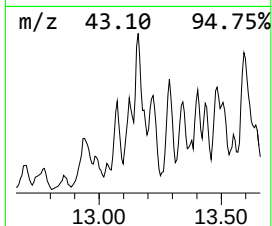
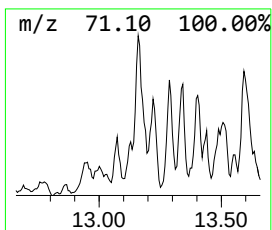
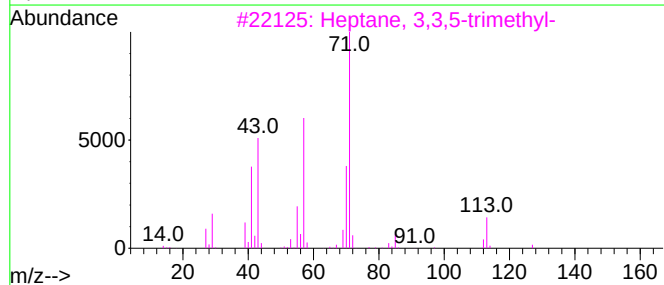
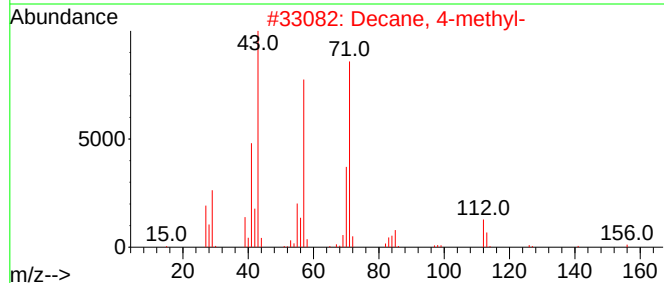
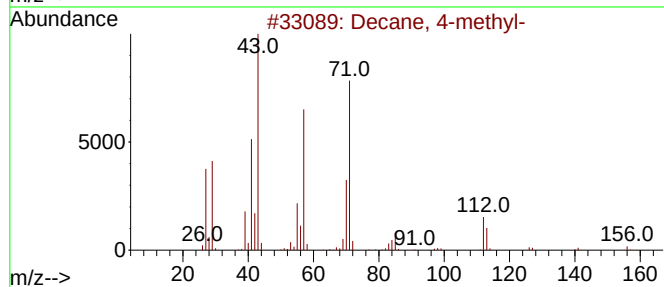
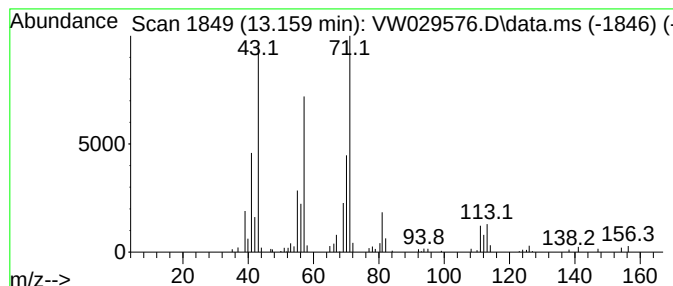
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	4.54 ug/L	66433	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	64
2			Decane, 4-methyl-	156	C11H24	002847-72-5	64
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
4			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	53
5			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
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Sample : P3201-21
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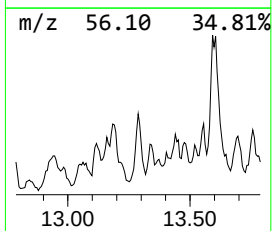
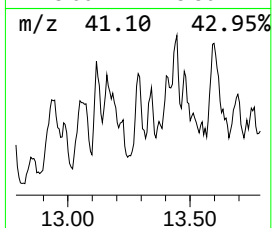
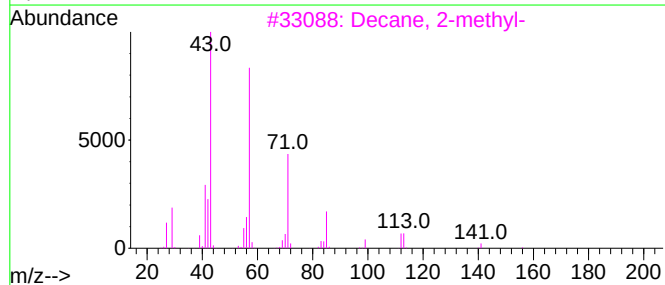
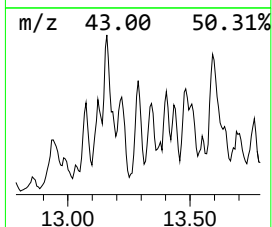
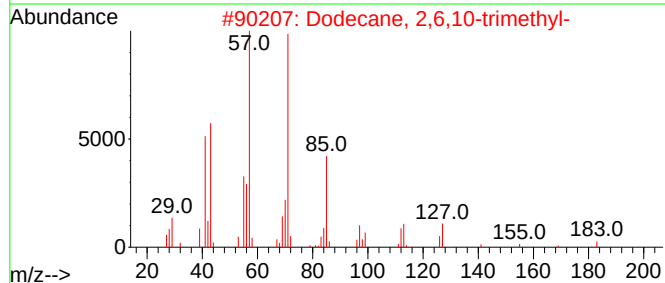
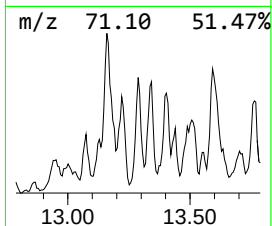
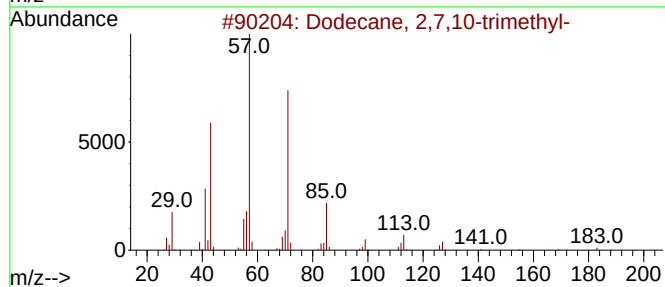
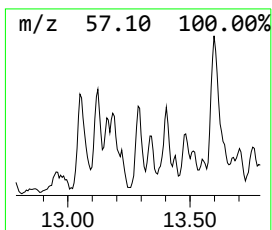
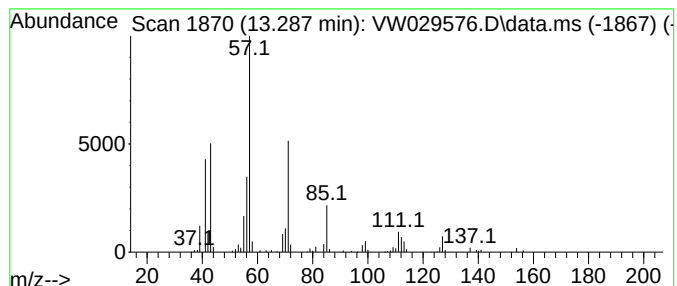
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	2.69 ug/L	39388	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	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Decane, 2-methyl-	156	C11H24	006975-98-0	64
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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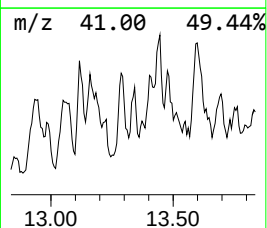
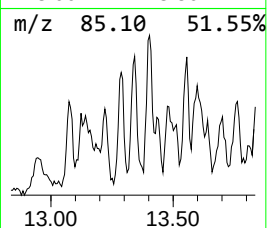
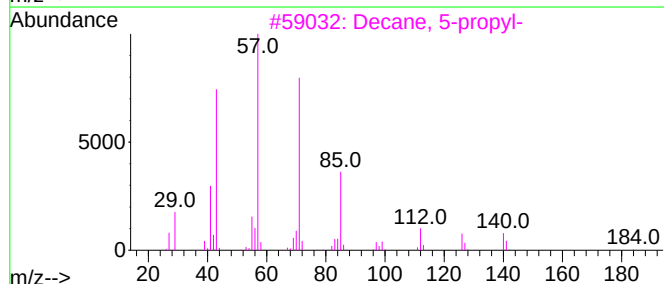
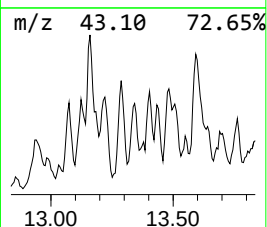
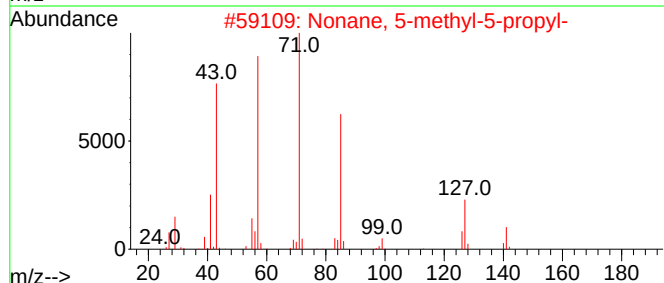
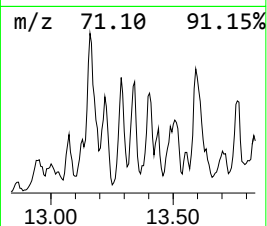
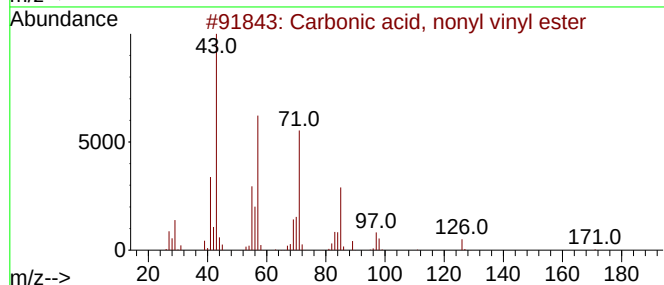
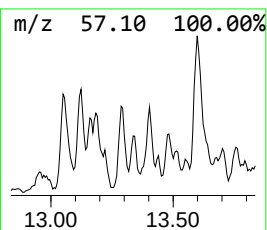
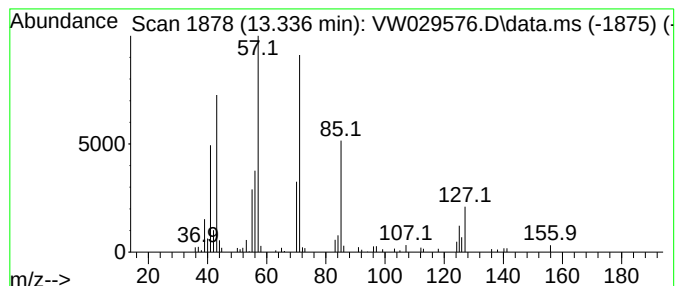
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Quant Title : SFAM01.0

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

Peak Number 14 Carbonic acid, nonyl vinyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	1.95 ug/L	28528	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64
2			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
3			Decane, 5-propyl-	184	C13H28	017312-62-8	53
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DA5

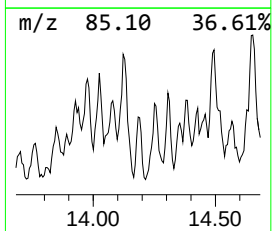
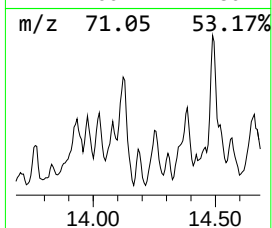
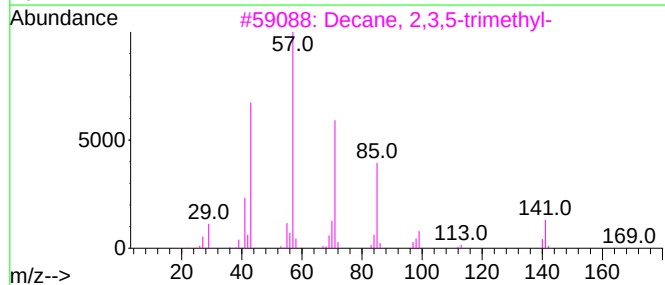
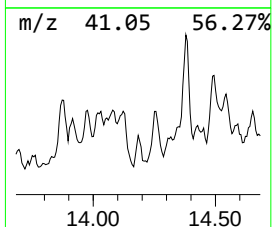
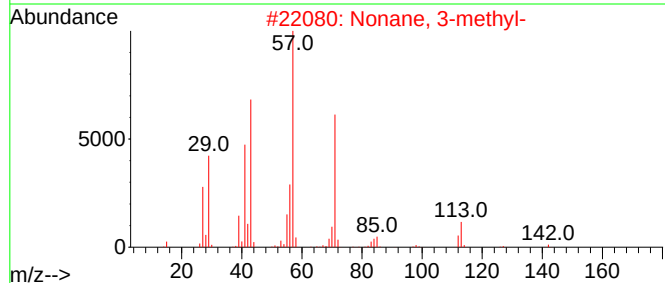
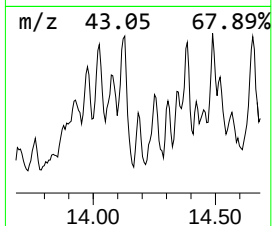
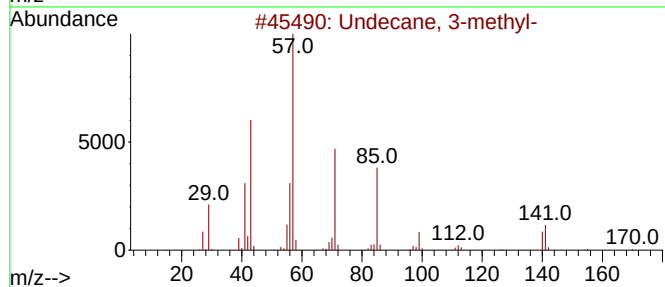
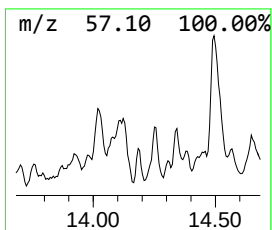
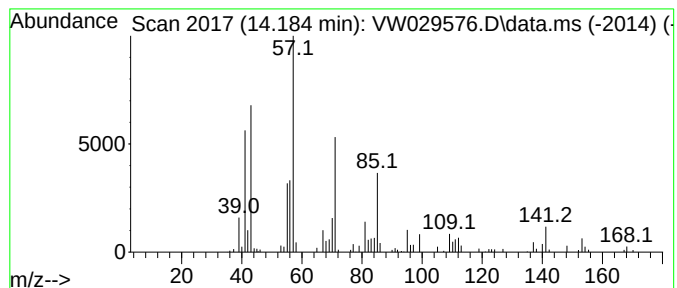
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	3.27 ug/L	47768	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	81
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
4			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	53
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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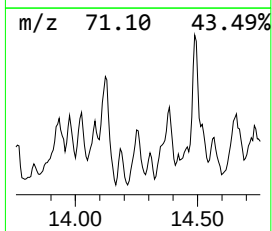
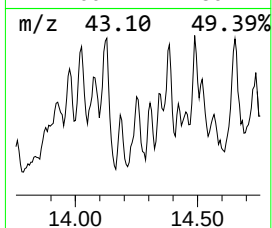
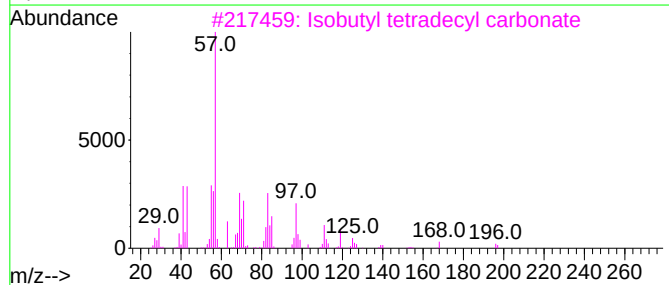
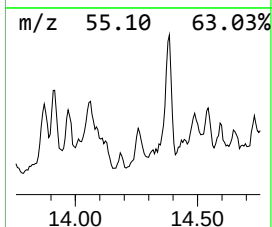
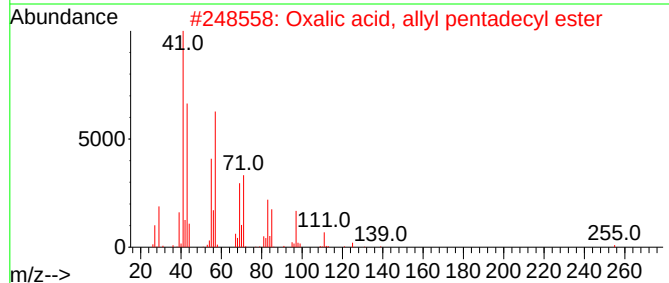
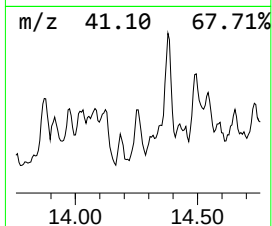
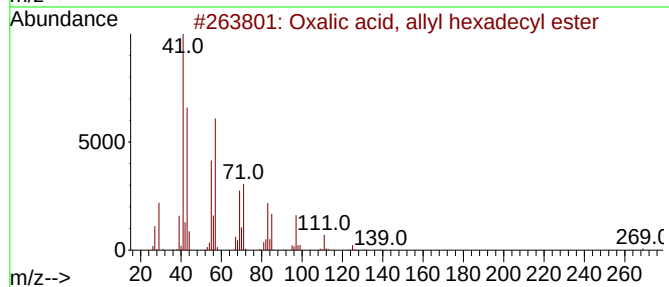
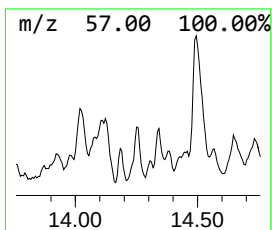
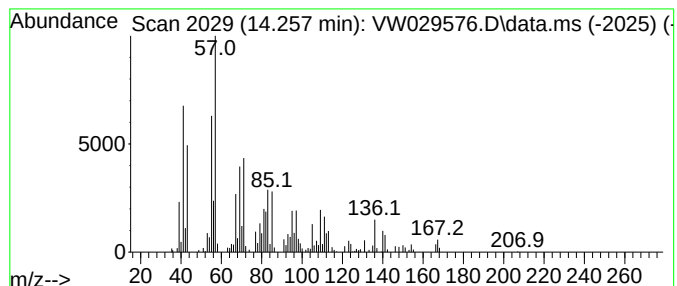
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Quant Title : SFAM01.0

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

Peak Number 16 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	6.67 ug/L	97461	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	49
2			Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	47
3			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	35
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	35
5			Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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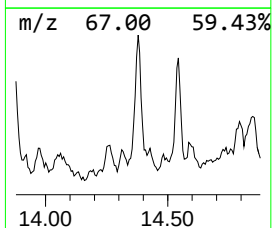
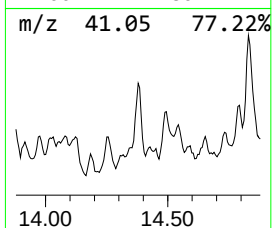
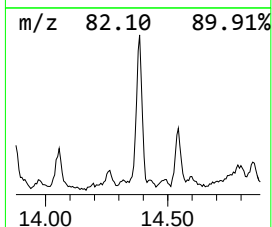
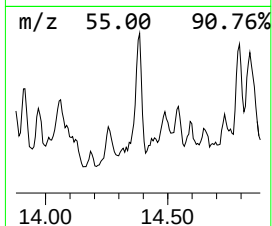
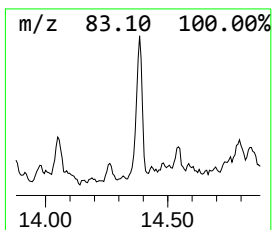
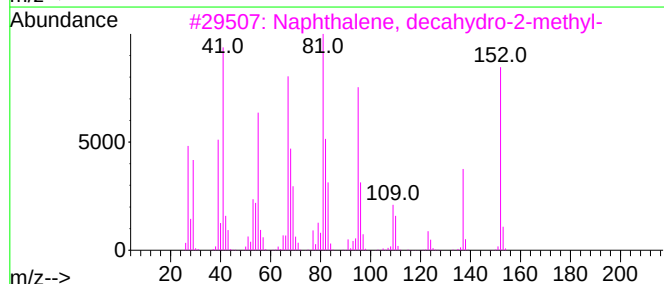
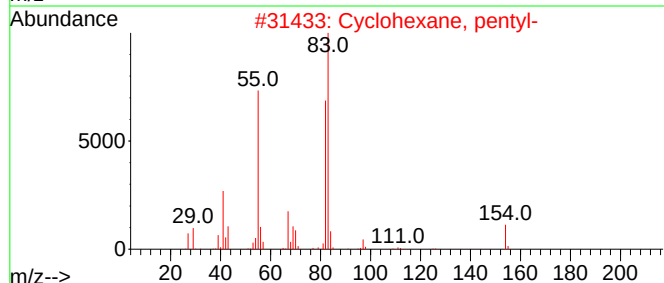
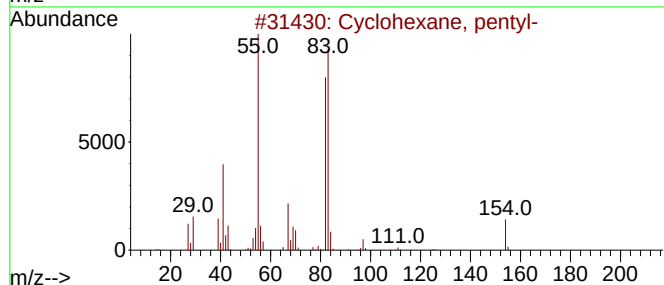
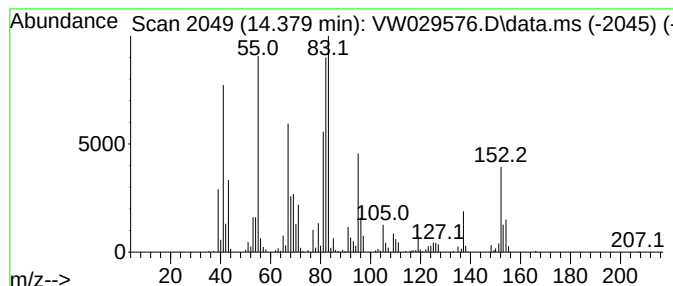
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic14.379 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	12.17 ug/L	177917	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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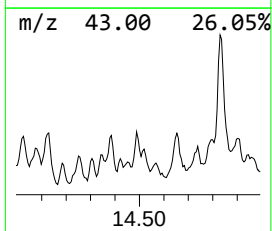
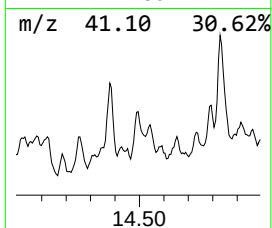
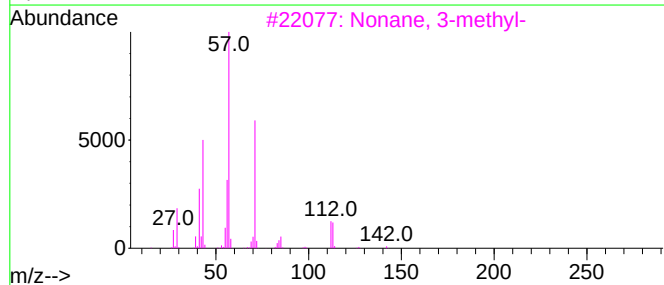
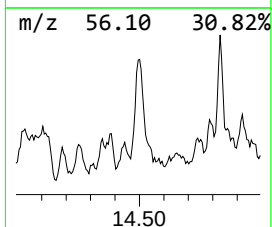
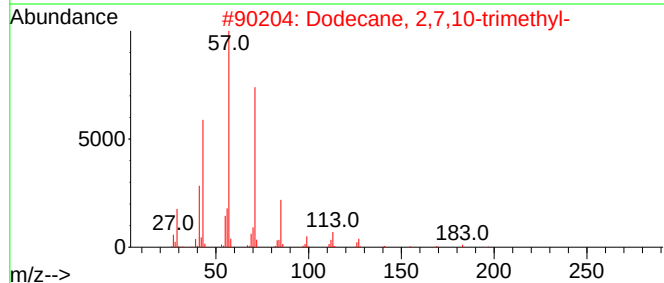
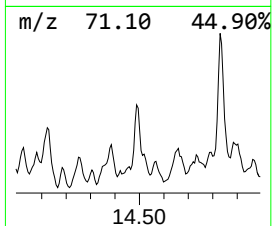
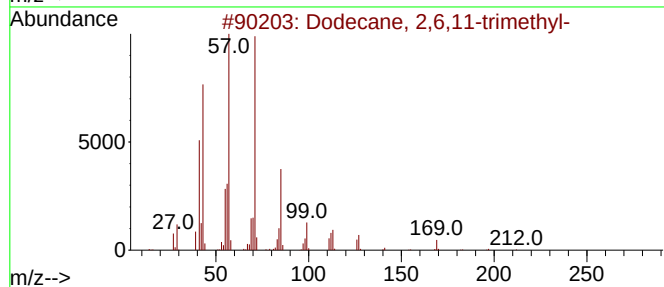
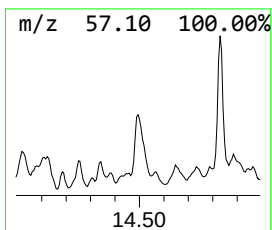
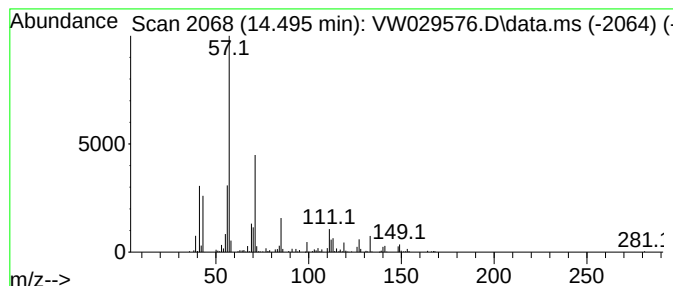
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	10.74 ug/L	156961	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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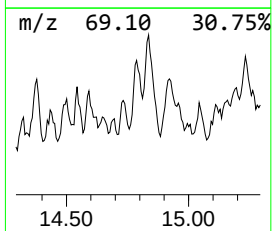
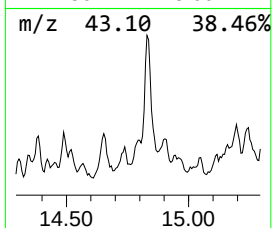
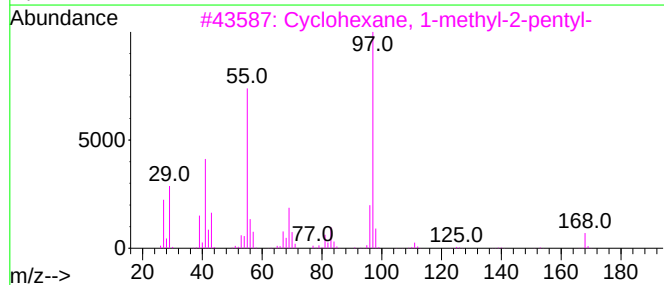
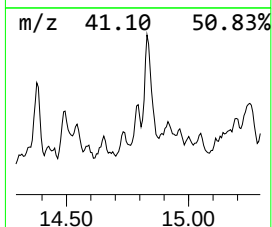
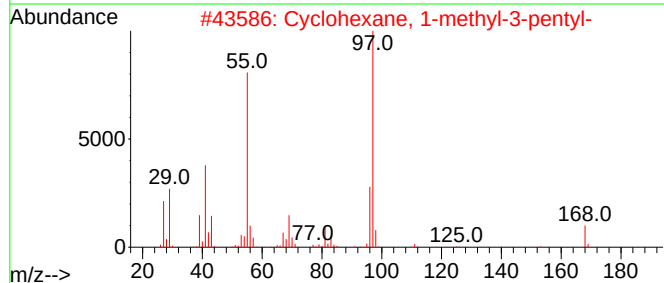
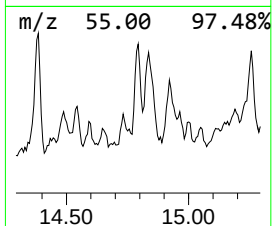
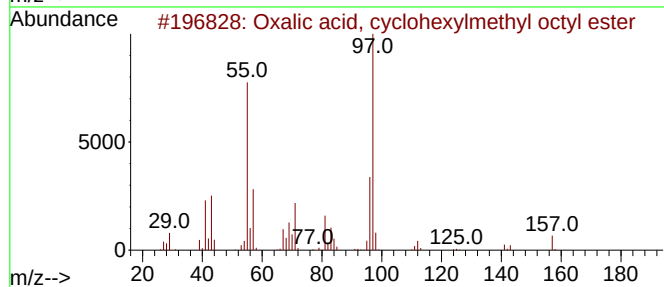
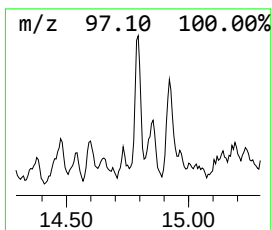
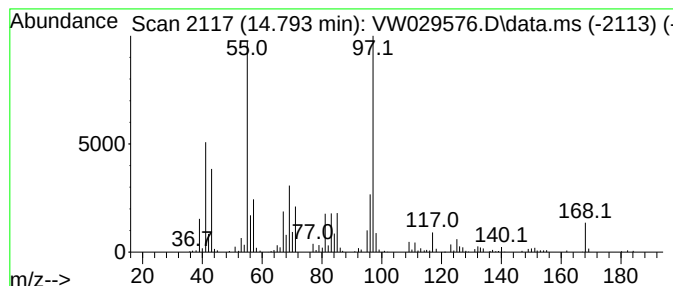
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Quant Title : SFAM01.0

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

Peak Number 19 Oxalic acid, cyclohexylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	8.32 ug/L	121604	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	59
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	58
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
4			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	53
5			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

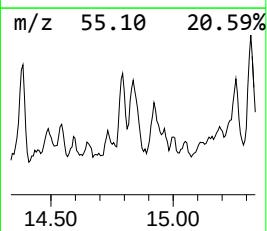
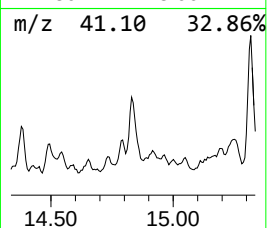
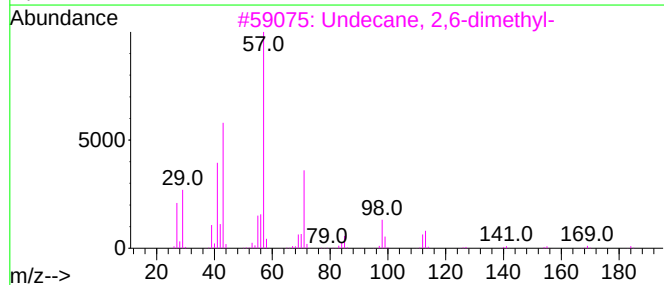
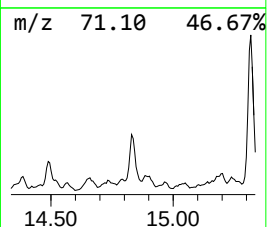
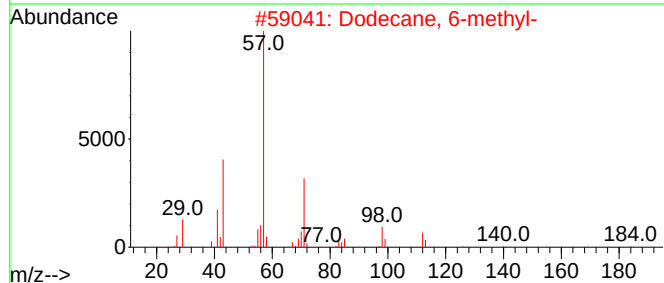
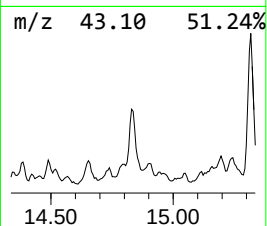
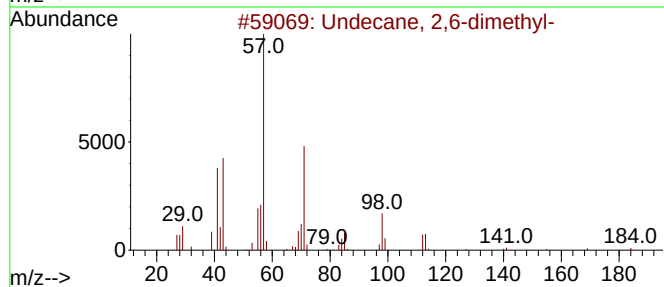
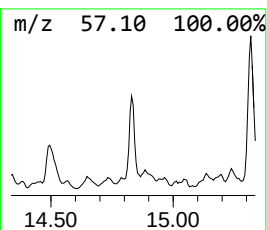
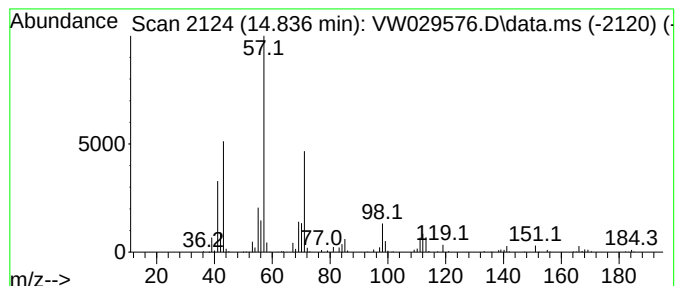
Instrument :
MSVOA_W
ClientSampleId :
A4DA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.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 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.836	21.21 ug/L	310071	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	97
2	Dodecane, 6-methyl-		184	C13H28	006044-71-9	76
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	76
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	64
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DA5

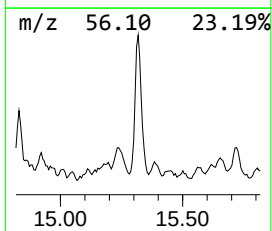
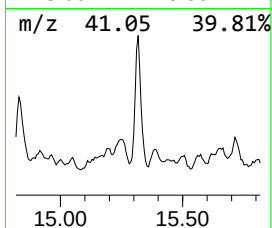
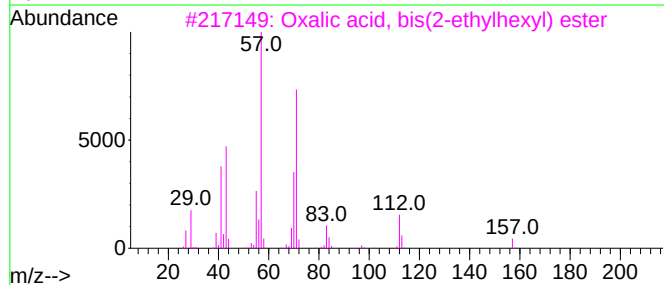
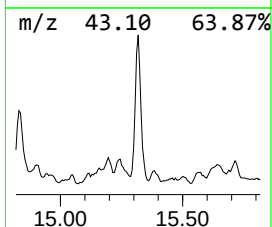
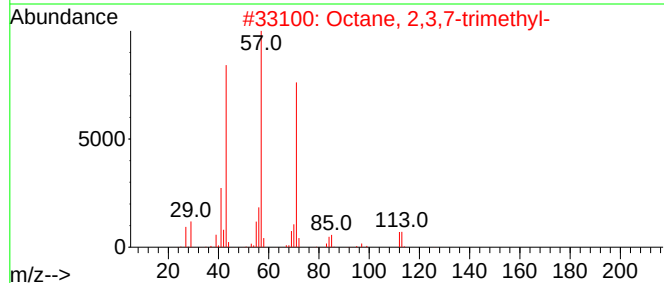
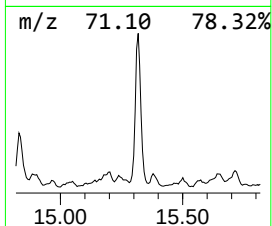
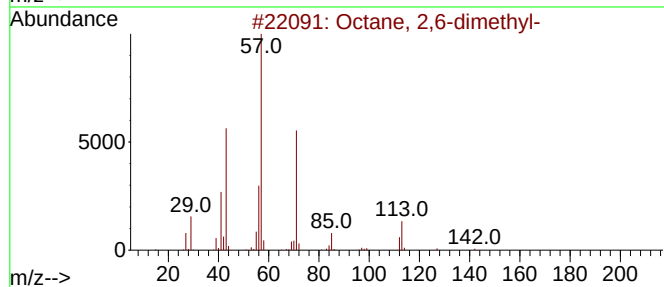
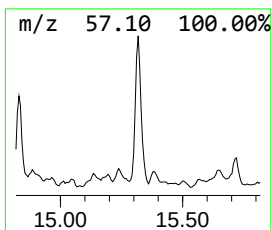
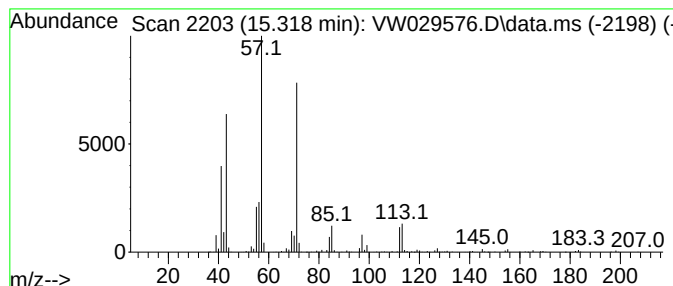
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	37.70 ug/L	551078	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5			Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

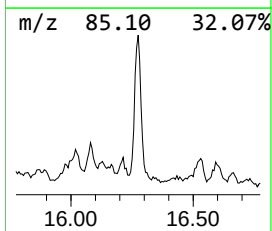
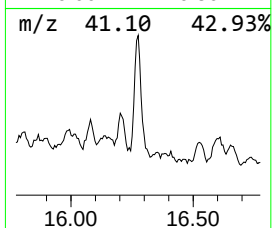
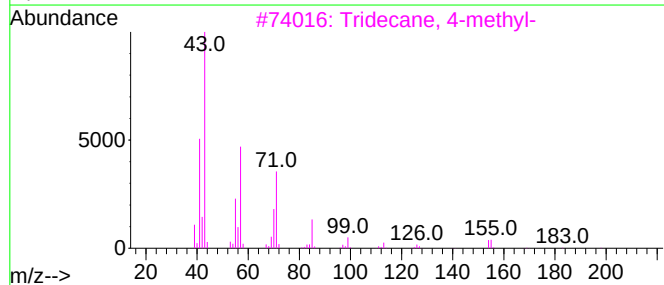
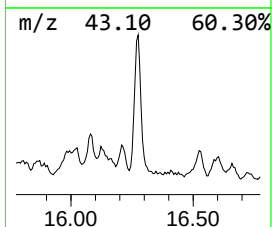
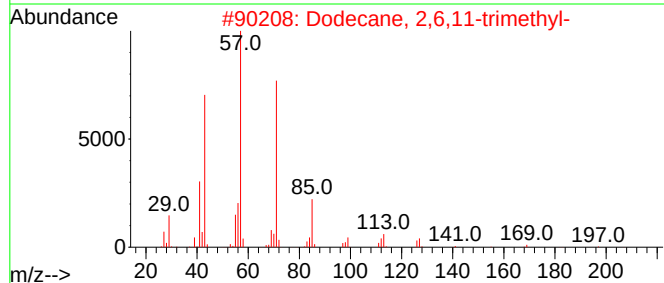
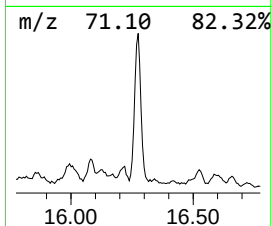
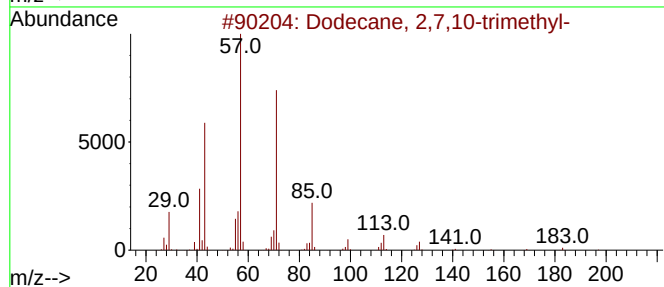
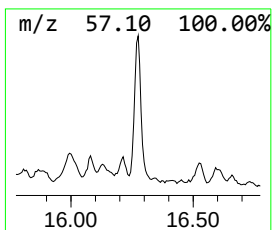
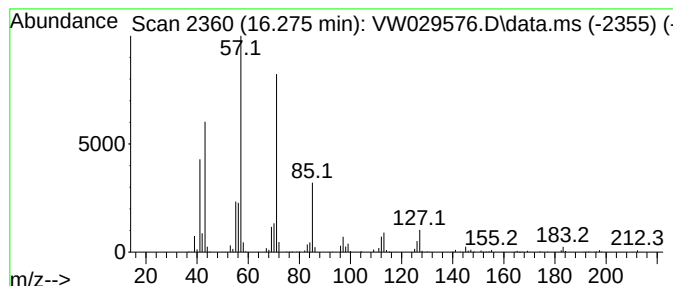
Instrument :
MSVOA_W
ClientSampleId :
A4DA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.275	23.13 ug/L	338165	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	86
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	83
3	Tridecane, 4-methyl-		198	C14H30	026730-12-1	72
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	68
5	Decane, 5-propyl-		184	C13H28	017312-62-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029576.D
Acq On : 15 Jul 2024 15:37
Operator : SY/MD
Sample : P3201-21
Misc : 5.29g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.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: C...	12.135	1.6	ug/L	49038	2	11.629	741248	25.0
(DEL) Alkane: S...	12.245	1.3	ug/L	37535	2	11.629	741248	25.0
(DEL) Alkane: S...	12.361	4.1	ug/L	122746	2	11.629	741248	25.0
(DEL) Alkane: C...	12.775	3.6	ug/L	53291	3	13.556	365427	25.0
(DEL) Alkane: S...	12.855	2.3	ug/L	33704	3	13.556	365427	25.0
(DEL) Alkane: C...	12.934	6.8	ug/L	99369	3	13.556	365427	25.0
unknown-01	13.050	2.6	ug/L	38359	3	13.556	365427	25.0
(DEL) Alkane: S...	13.123	4.4	ug/L	64411	3	13.556	365427	25.0
(DEL) Alkane: S...	13.159	4.5	ug/L	66433	3	13.556	365427	25.0
(DEL) Alkane: S...	13.288	2.7	ug/L	39388	3	13.556	365427	25.0
Carbonic acid, ...	13.336	2.0	ug/L	28528	3	13.556	365427	25.0
(DEL) Alkane: S...	14.184	3.3	ug/L	47768	3	13.556	365427	25.0
unknown-02	14.257	6.7	ug/L	97461	3	13.556	365427	25.0
(DEL) Alkane: C...	14.379	12.2	ug/L	177917	3	13.556	365427	25.0
(DEL) Alkane: S...	14.495	10.7	ug/L	156961	3	13.556	365427	25.0
Oxalic acid, cy...	14.793	8.3	ug/L	121604	3	13.556	365427	25.0
(DEL) Alkane: S...	14.836	21.2	ug/L	310071	3	13.556	365427	25.0
(DEL) Alkane: S...	15.318	37.7	ug/L	551078	3	13.556	365427	25.0
(DEL) Alkane: S...	16.275	23.1	ug/L	338165	3	13.556	365427	25.0