

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
 Data File : VW028266.D
 Acq On : 28 Mar 2024 13:30
 Operator : SY/MD
 Sample : P1886-16
 Misc : 4.04g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07B2

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\SFAMWLM031424SMA.M
 Title : SFAM01.0

Signal : TIC: VW028266.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	69	78	92	rBV2	45593	102602	9.47%	0.954%
2	2.509	98	102	105	rVB3	1761	2906	0.27%	0.027%
3	2.680	127	130	132	rBV4	822	929	0.09%	0.009%
4	2.704	132	134	136	rBV3	560	586	0.05%	0.005%
5	2.820	148	153	157	rVV2	1435	2859	0.26%	0.027%
6	2.899	158	166	183	rVB	32670	92782	8.57%	0.863%
7	3.393	241	247	249	rBV3	1200	1993	0.18%	0.019%
8	3.619	283	284	288	rVV2	635	581	0.05%	0.005%
9	3.899	326	330	331	rVV	458	552	0.05%	0.005%
10	3.917	331	333	335	rVV3	558	568	0.05%	0.005%
11	4.021	338	350	363	rBV	121245	362578	33.48%	3.372%
12	4.125	363	367	380	rVV2	8822	26752	2.47%	0.249%
13	4.283	391	393	397	rVB3	542	622	0.06%	0.006%
14	4.387	404	410	420	rVV	1748	5496	0.51%	0.051%
15	4.484	424	426	429	rVB	528	506	0.05%	0.005%
16	4.521	429	432	439	rBB2	388	644	0.06%	0.006%
17	4.692	456	460	463	rVV2	729	1277	0.12%	0.012%
18	4.923	487	498	504	rBV3	4477	14930	1.38%	0.139%
19	5.441	579	583	586	rVB3	413	575	0.05%	0.005%
20	5.551	598	601	604	rVB2	414	500	0.05%	0.005%
21	5.783	633	639	640	rBV2	2110	4009	0.37%	0.037%
22	5.923	656	662	663	rBV3	559	810	0.07%	0.008%
23	5.947	663	666	668	rBV3	646	813	0.08%	0.008%
24	6.063	683	685	690	rVB2	387	494	0.05%	0.005%
25	6.130	692	696	702	rBV4	446	790	0.07%	0.007%
26	6.270	712	719	720	rBV2	1356	2730	0.25%	0.025%
27	6.606	771	774	778	rVB3	359	622	0.06%	0.006%
28	6.764	797	800	803	rVB2	367	490	0.05%	0.005%
29	6.892	814	821	822	rBV2	743	1023	0.09%	0.010%
30	6.917	822	825	828	rVB4	656	815	0.08%	0.008%
31	7.075	842	851	864	rBV	27860	86590	8.00%	0.805%
32	7.252	871	880	896	rVB	217779	541465	50.00%	5.036%
33	7.441	909	911	917	rVB4	371	764	0.07%	0.007%
34	7.539	924	927	930	rBV	506	712	0.07%	0.007%
35	7.648	934	945	957	rBV	192601	464841	42.92%	4.323%
36	7.764	961	964	973	rVB5	692	1873	0.17%	0.017%

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 Title : SFAM01.0

37	7.923	986	990	993	rBV3	741	944	0.09%	0.009%
38	8.148	1024	1027	1031	rBV3	523	743	0.07%	0.007%
39	8.276	1037	1048	1064	rBV2	373315	1083034	100.00%	10.073%
40	8.441	1071	1075	1077	rVB4	584	826	0.08%	0.008%
41	8.471	1077	1080	1082	rBV2	924	926	0.09%	0.009%
42	8.563	1092	1095	1098	rVB4	579	714	0.07%	0.007%
43	8.642	1106	1108	1111	rVB2	626	527	0.05%	0.005%
44	8.697	1111	1117	1119	rBV3	1340	2632	0.24%	0.024%
45	8.843	1131	1141	1151	rBV	445750	888606	82.05%	8.265%
46	9.081	1176	1180	1191	rVB5	1189	2809	0.26%	0.026%
47	9.270	1200	1211	1223	rBV	244583	509284	47.02%	4.737%
48	9.410	1232	1234	1239	rVB3	949	1563	0.14%	0.015%
49	9.611	1261	1267	1271	rVB3	856	1536	0.14%	0.014%
50	9.745	1285	1289	1296	rVB5	1069	2537	0.23%	0.024%
51	9.904	1309	1315	1318	rVB5	616	1204	0.11%	0.011%
52	9.941	1318	1321	1322	rBV2	888	796	0.07%	0.007%
53	10.032	1328	1336	1351	rBV	129564	236348	21.82%	2.198%
54	10.203	1361	1364	1366	rBV3	438	687	0.06%	0.006%
55	10.319	1375	1383	1391	rBV	483293	877725	81.04%	8.164%
56	10.380	1391	1393	1401	rVV3	7390	14077	1.30%	0.131%
57	10.440	1401	1403	1405	rVB2	1083	837	0.08%	0.008%
58	10.501	1405	1413	1418	rVB7	3124	6574	0.61%	0.061%
59	10.575	1418	1425	1436	rBV	77068	137538	12.70%	1.279%
60	10.703	1442	1446	1450	rVB2	3364	5852	0.54%	0.054%
61	10.770	1451	1457	1460	rBV5	1325	2164	0.20%	0.020%
62	10.837	1465	1468	1470	rBV3	754	1021	0.09%	0.009%
63	10.922	1474	1482	1494	rBV	115726	202738	18.72%	1.886%
64	11.032	1496	1500	1502	rBV4	2063	2771	0.26%	0.026%
65	11.068	1502	1506	1510	rBV3	4541	6659	0.61%	0.062%
66	11.172	1520	1523	1527	rVB2	3023	3437	0.32%	0.032%
67	11.227	1527	1532	1537	rVB2	12812	22256	2.05%	0.207%
68	11.288	1537	1542	1544	rBV5	1616	2333	0.22%	0.022%
69	11.331	1544	1549	1553	rBV5	5209	9091	0.84%	0.085%
70	11.373	1554	1556	1561	rVV5	2296	4534	0.42%	0.042%
71	11.434	1562	1566	1573	rVB2	8480	15435	1.43%	0.144%
72	11.507	1573	1578	1583	rBV2	6258	10234	0.94%	0.095%
73	11.629	1590	1598	1608	rBV	539540	910338	84.05%	8.467%
74	11.763	1616	1620	1623	rBV3	5786	8635	0.80%	0.080%
75	11.812	1623	1628	1633	rBV8	8637	21348	1.97%	0.199%
76	11.867	1634	1637	1641	rVV2	11446	17049	1.57%	0.159%

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 Title : SFAM01.0

77	11.971	1649	1654	1662	rBV6	7169	18931	1.75%	0.176%
78	12.135	1673	1681	1687	rBV2	32791	84328	7.79%	0.784%
79	12.245	1696	1699	1704	rVB	40292	58845	5.43%	0.547%
80	12.361	1704	1718	1725	rBV4	64592	209190	19.32%	1.946%
81	12.690	1765	1772	1781	rBV	176982	350968	32.41%	3.264%
82	12.775	1782	1786	1792	rVB2	74019	127053	11.73%	1.182%
83	12.855	1792	1799	1804	rBV5	31170	77732	7.18%	0.723%
84	12.934	1805	1812	1818	rBV6	53455	143207	13.22%	1.332%
85	13.074	1832	1835	1839	rVB3	22744	31689	2.93%	0.295%
86	13.123	1839	1843	1845	rBV3	15995	25139	2.32%	0.234%
87	13.160	1845	1849	1861	rVB	79282	145170	13.40%	1.350%
88	13.550	1908	1913	1922	rVB	367970	627930	57.98%	5.840%
89	13.848	1956	1962	1971	rBV2	295551	675465	62.37%	6.282%
90	14.257	2026	2029	2035	rVB7	29845	46504	4.29%	0.433%
91	14.324	2035	2040	2045	rBV6	30078	86726	8.01%	0.807%
92	14.379	2046	2049	2053	rVV2	57167	75249	6.95%	0.700%
93	14.489	2064	2067	2070	rBV4	22945	35598	3.29%	0.331%
94	14.543	2072	2076	2081	rVB4	64681	110268	10.18%	1.026%
95	14.714	2100	2104	2111	rBV	113819	173068	15.98%	1.610%
96	14.787	2112	2116	2120	rVV3	69014	124609	11.51%	1.159%
97	14.830	2120	2123	2130	rVB2	80796	152683	14.10%	1.420%
98	15.318	2198	2203	2211	rBV2	85047	143438	13.24%	1.334%
99	15.543	2236	2240	2249	rVB	166323	279675	25.82%	2.601%
100	16.482	2389	2394	2401	rVB2	110554	200841	18.54%	1.868%

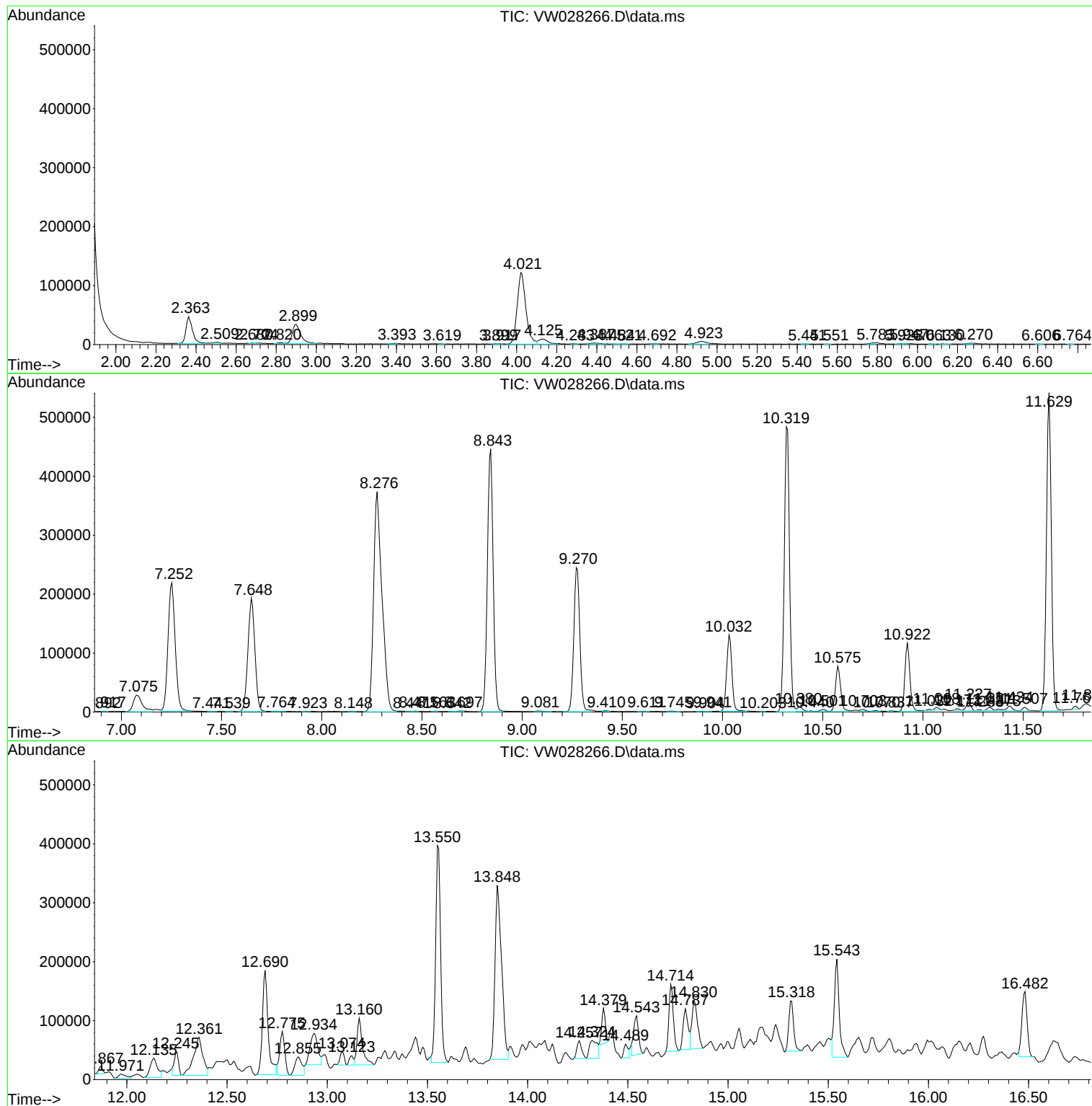
Sum of corrected areas: 10751747

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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



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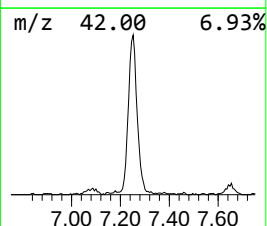
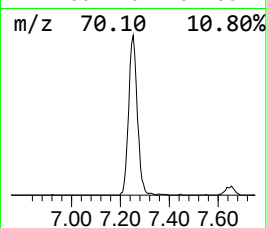
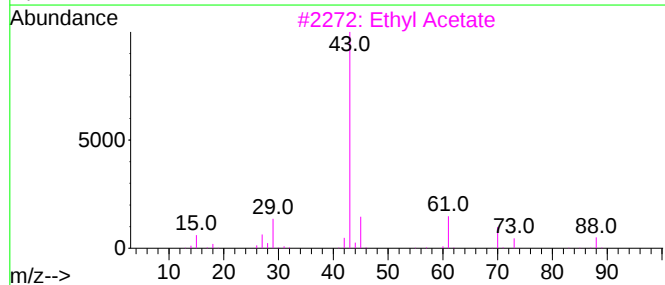
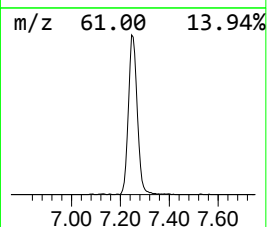
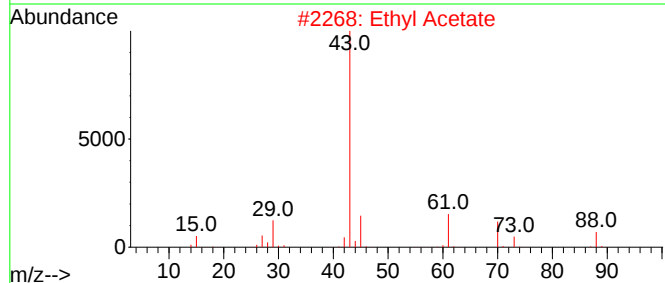
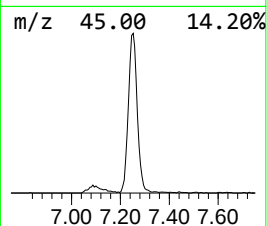
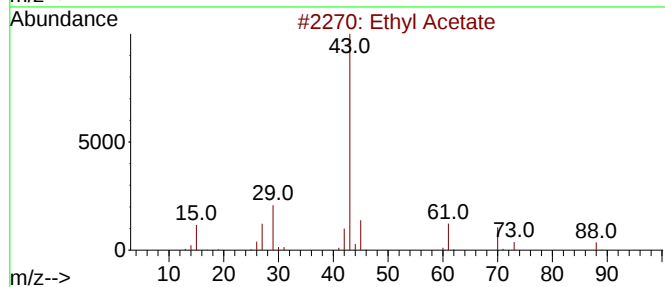
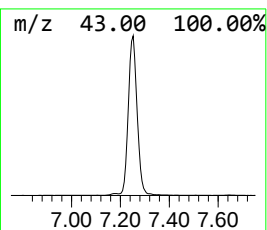
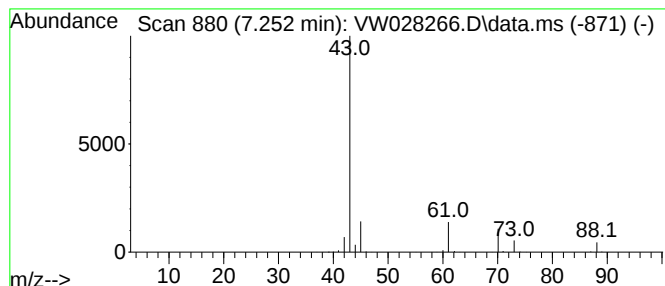
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.252	15.23 ug/L	541465	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	86
2			Ethyl Acetate	88	C4H8O2	000141-78-6	86
3			Ethyl Acetate	88	C4H8O2	000141-78-6	86
4			Ethyl Acetate	88	C4H8O2	000141-78-6	86
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53



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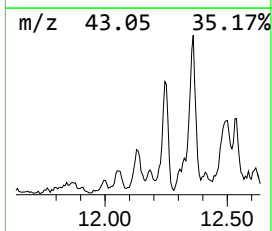
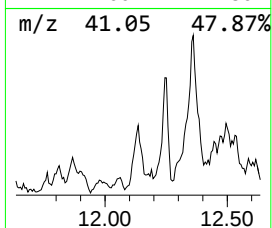
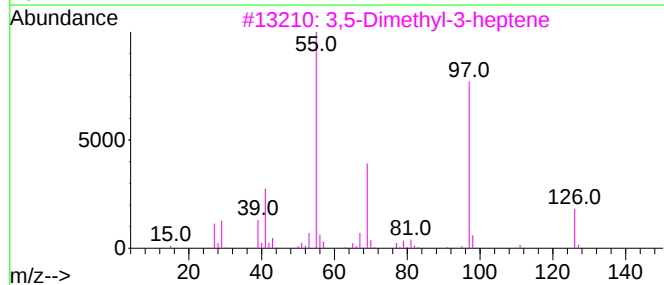
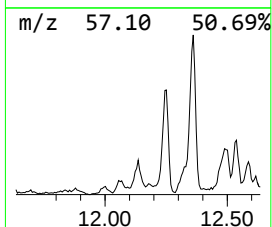
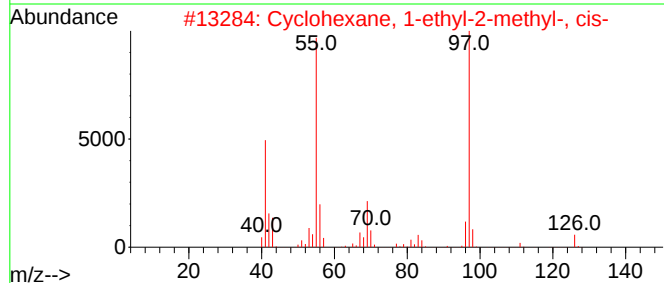
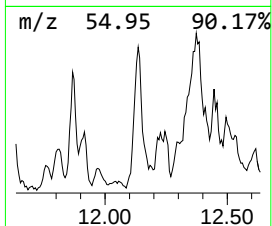
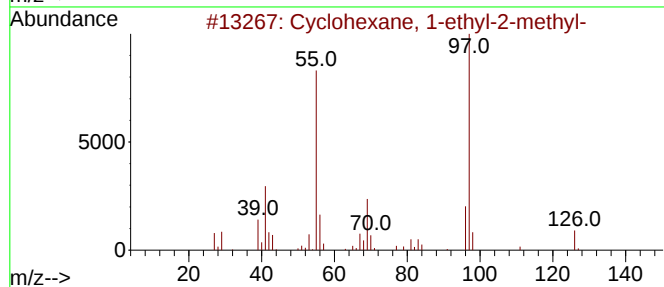
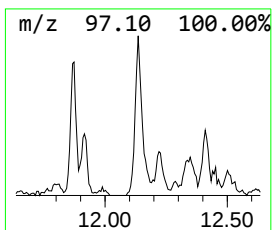
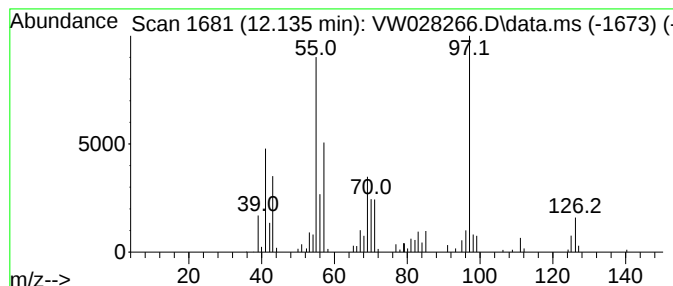
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic12.135 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	2.32 ug/L	84328	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	60
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	52
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	49
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49



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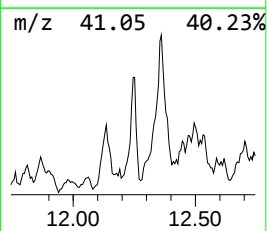
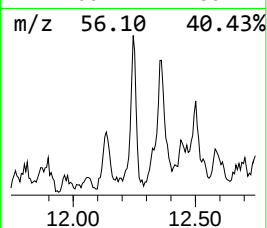
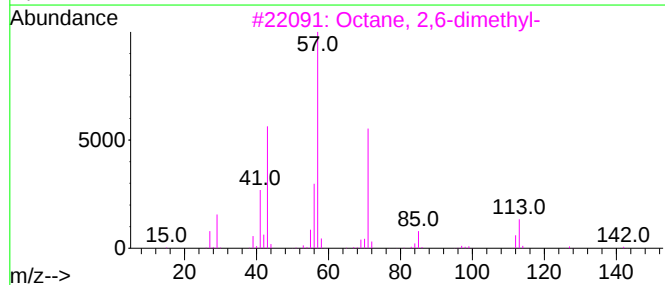
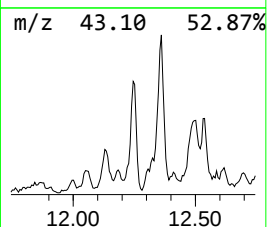
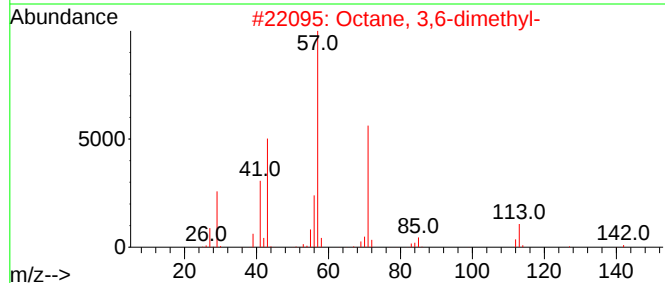
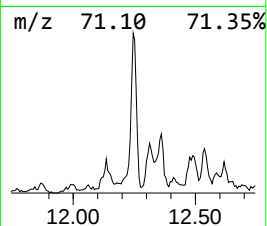
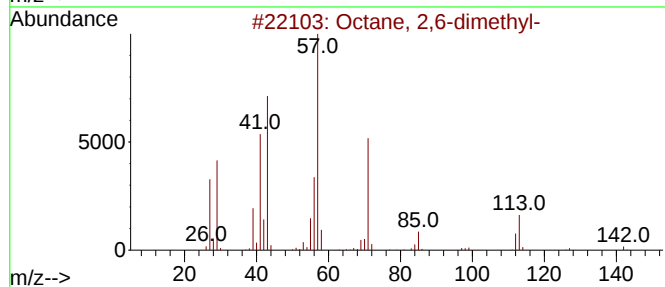
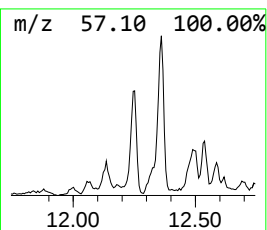
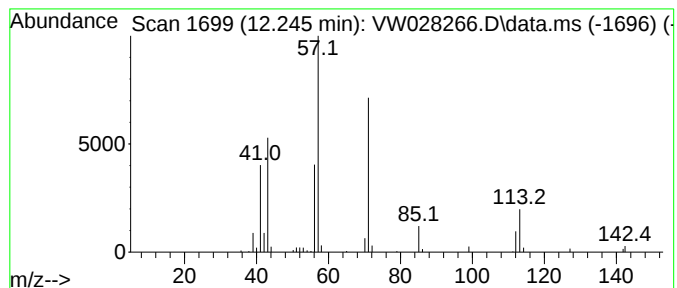
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	1.62 ug/L	58845	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	80
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	64
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	64
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	59
5	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

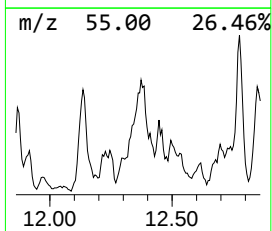
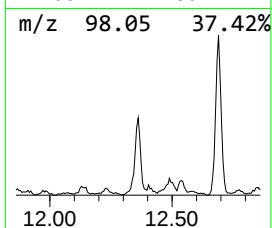
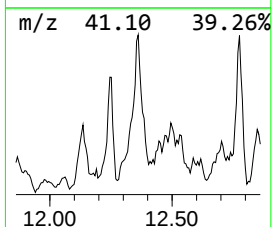
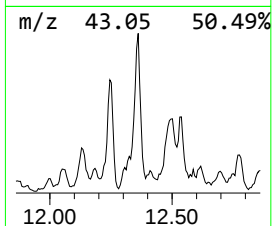
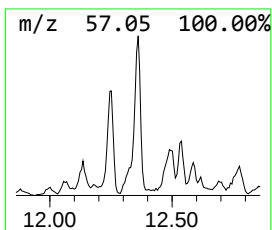
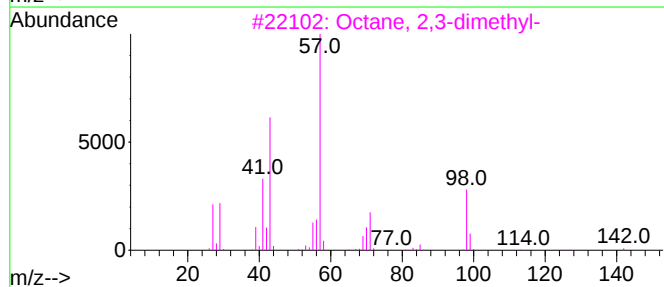
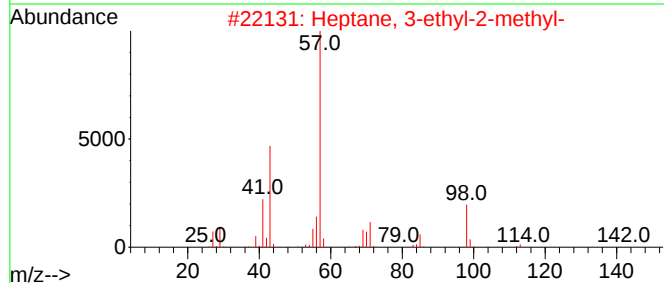
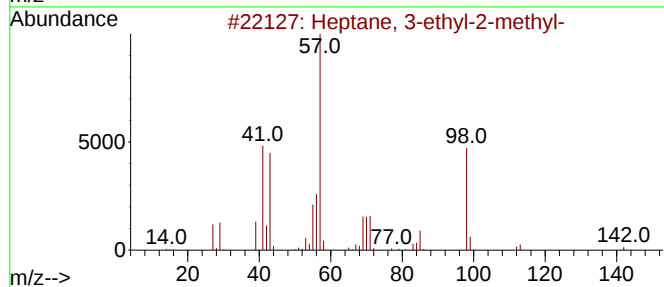
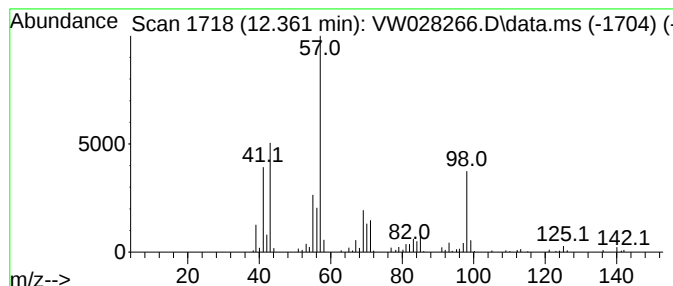
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	5.74 ug/L	209190	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
4			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
5			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

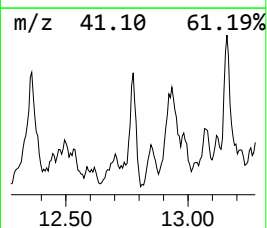
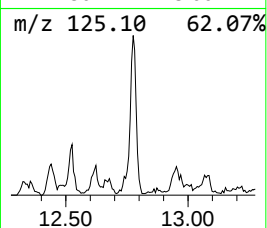
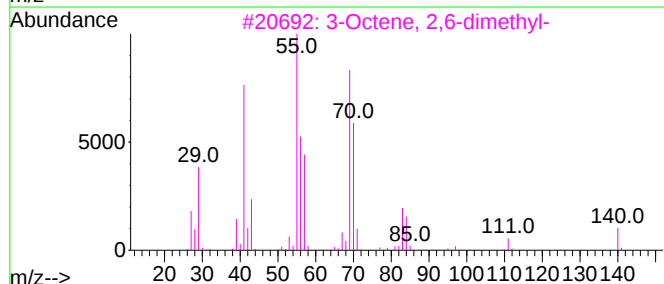
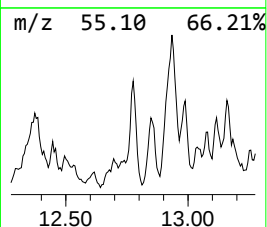
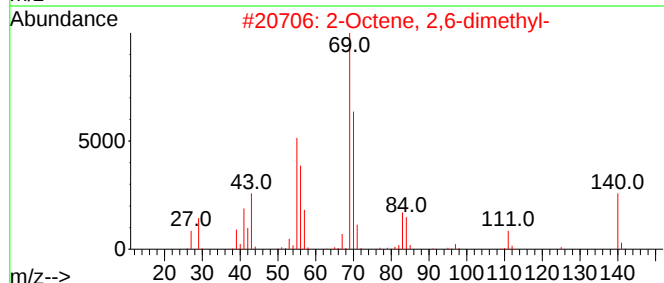
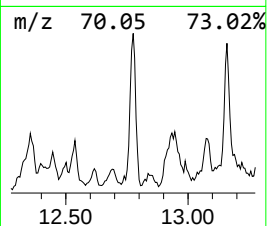
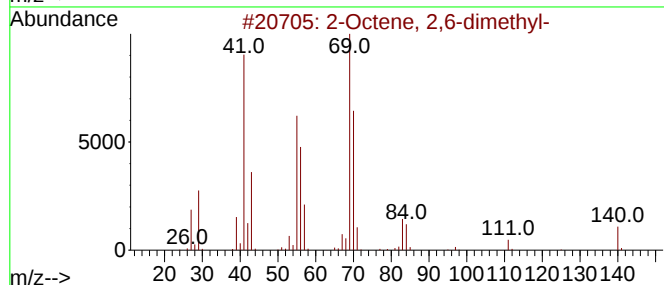
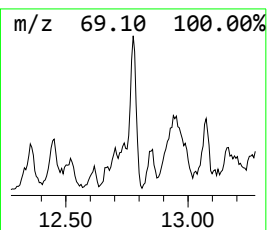
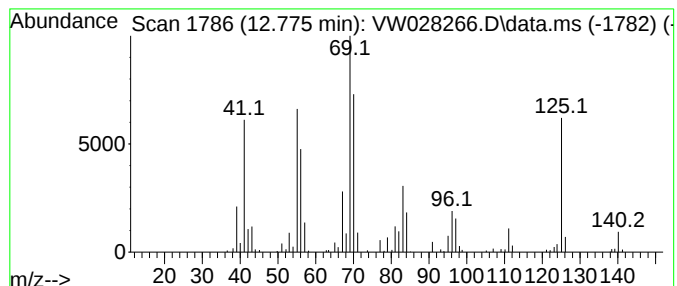
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	5.06 ug/L	127053	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
3		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	62
4		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
5		1-Decene	140	C10H20	000872-05-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

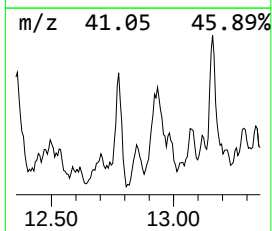
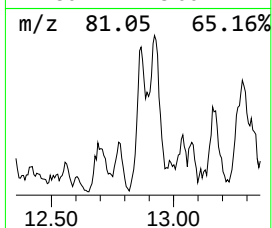
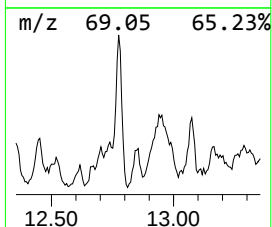
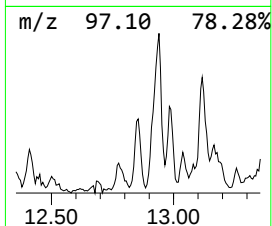
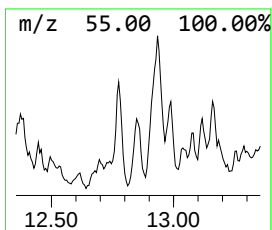
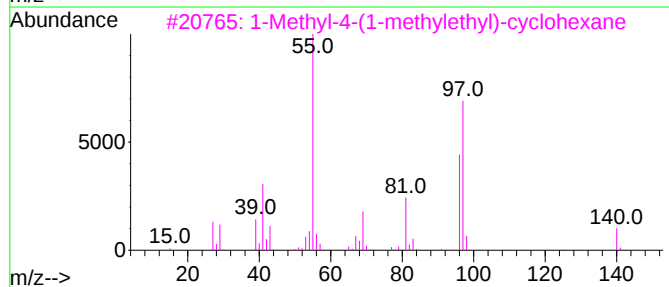
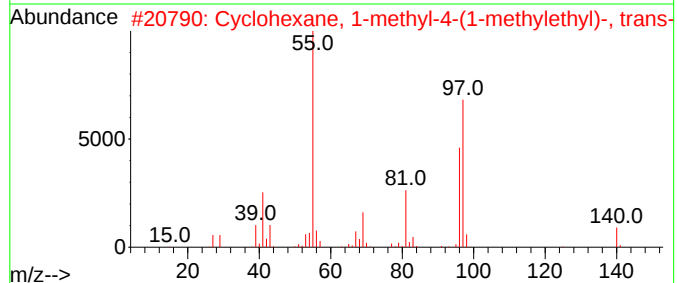
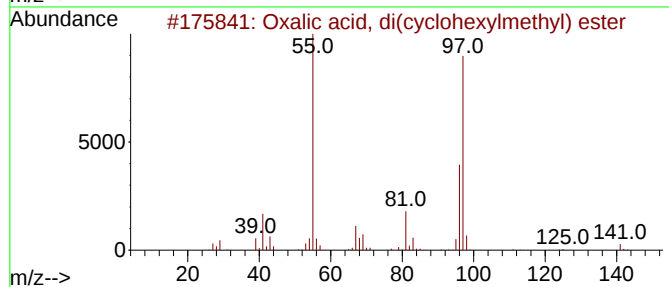
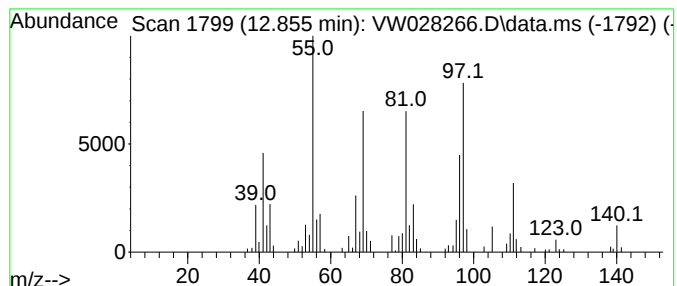
Instrument :
MSVOA_W
ClientSampleId :
E07B2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Oxalic acid, di(cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.855	3.09 ug/L	77732	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	59
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

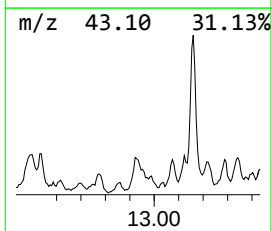
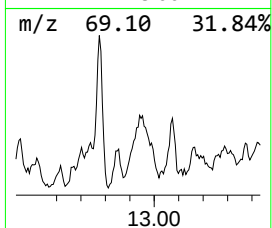
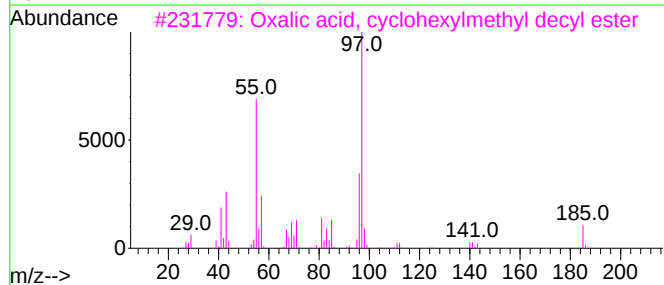
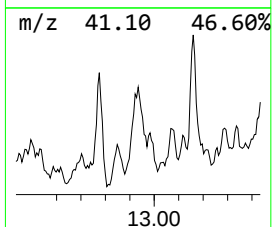
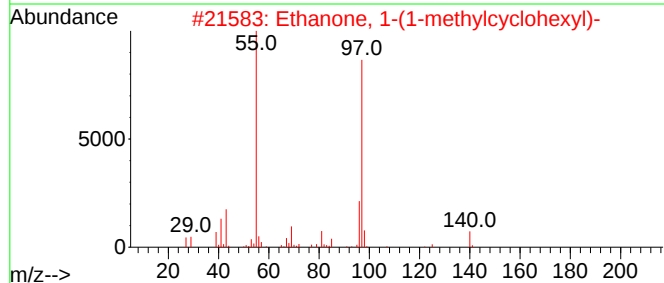
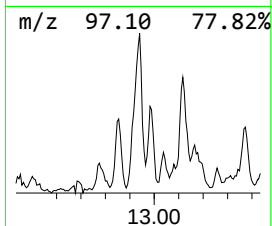
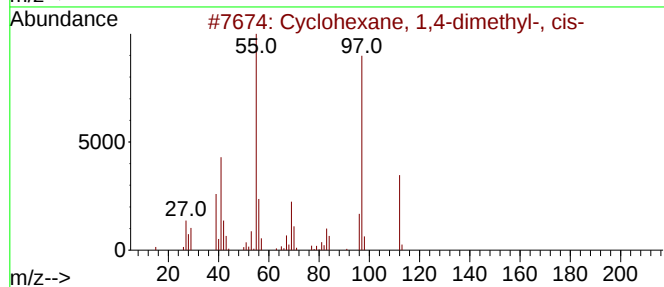
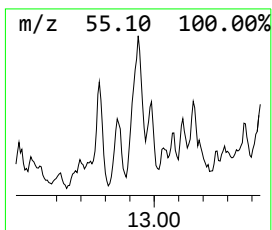
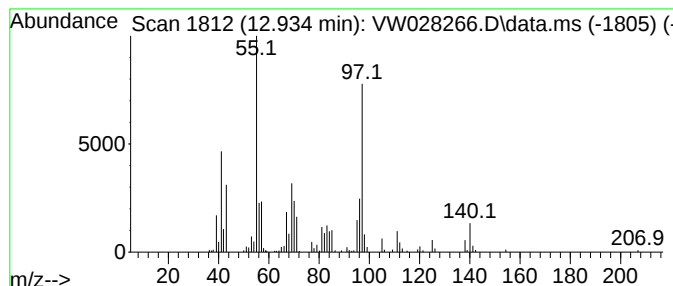
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.934 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	5.70 ug/L	143207	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	52
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	50
4			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	50
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

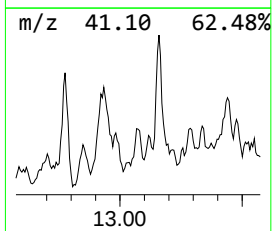
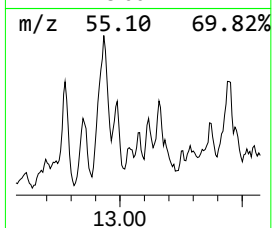
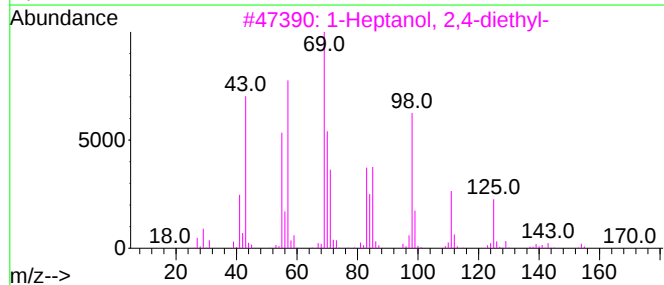
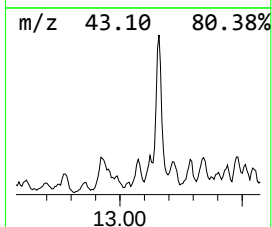
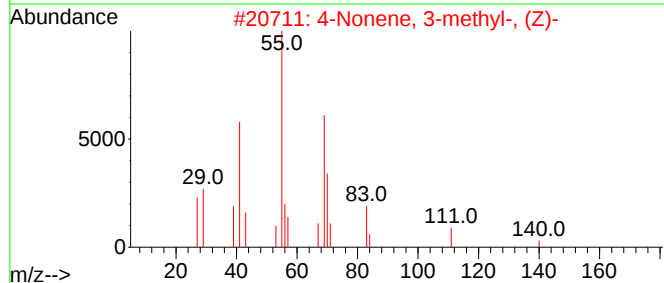
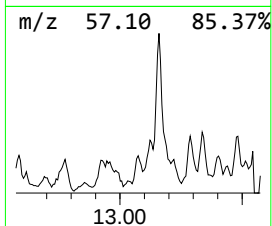
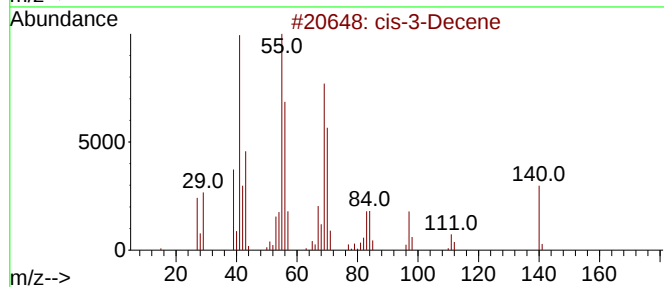
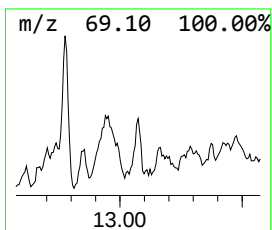
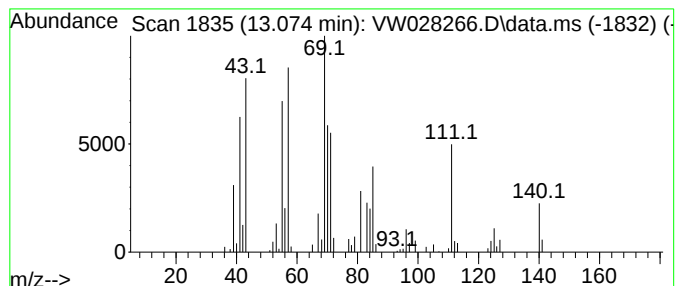
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	1.26 ug/L	31689	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-3-Decene	140	C10H20	019398-86-8	53
2			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	49
3			1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	47
4			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	35
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

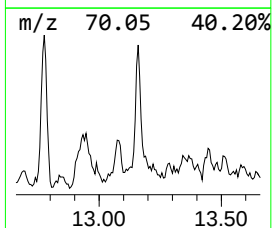
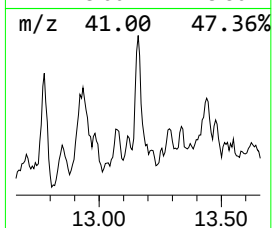
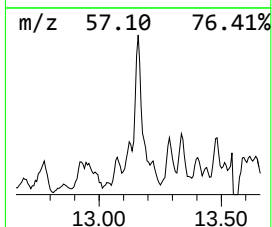
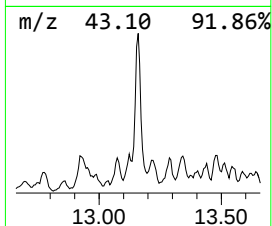
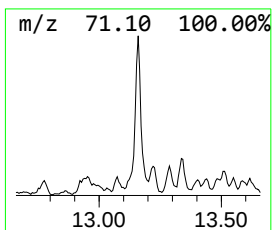
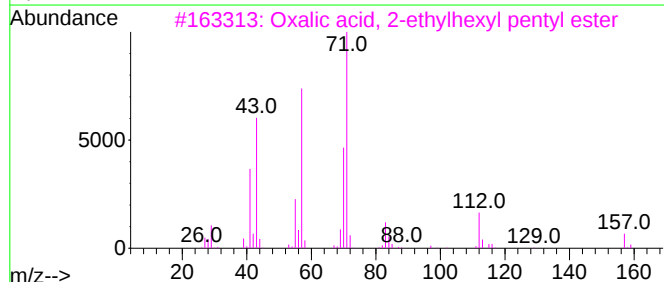
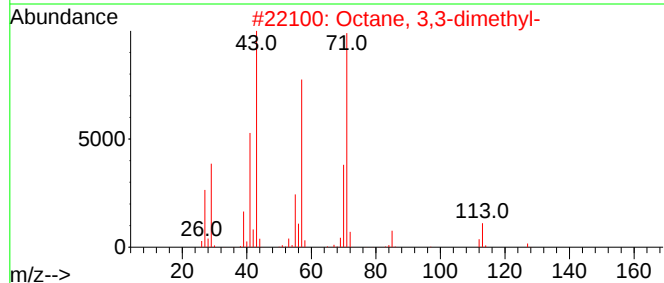
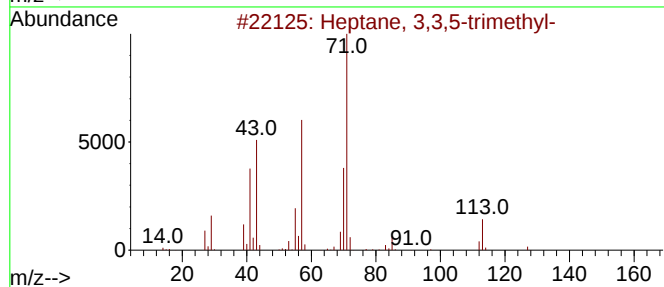
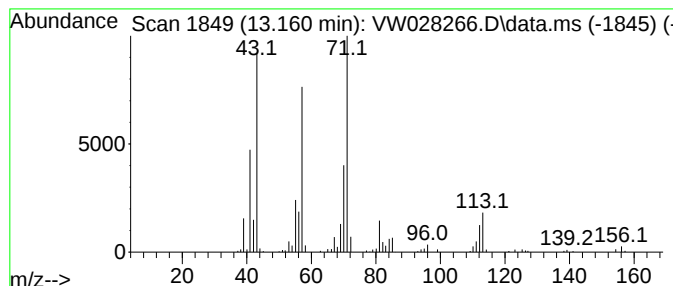
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	5.78 ug/L	145170	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
3			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5			Decane, 4-methyl-	156	C11H24	002847-72-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

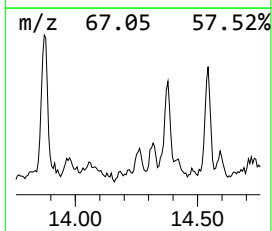
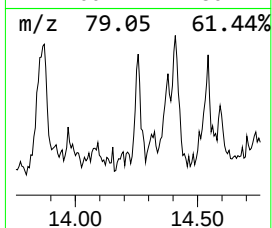
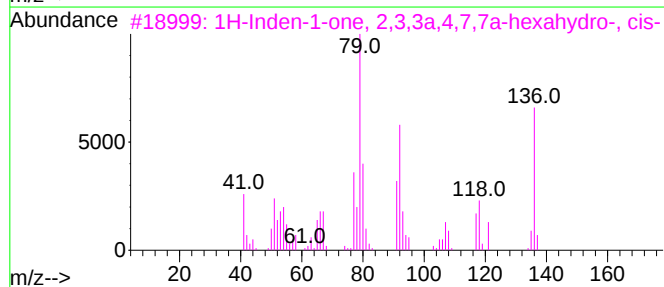
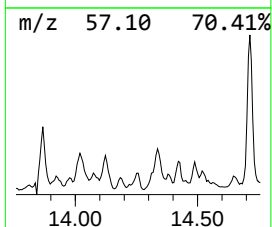
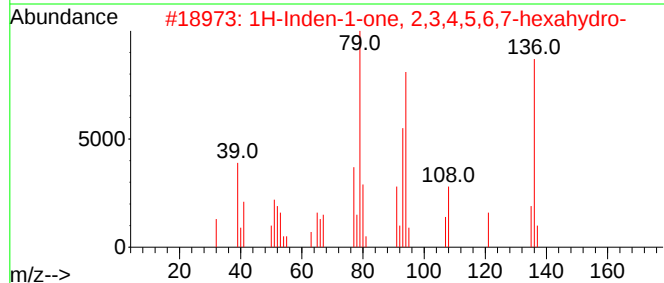
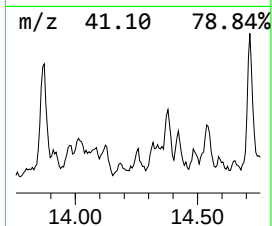
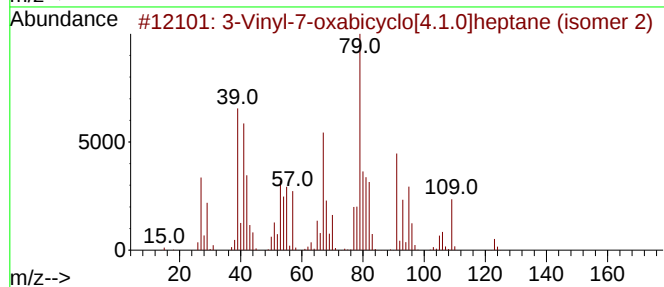
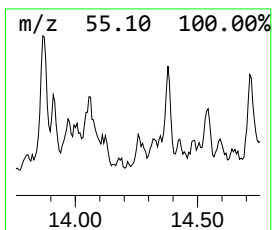
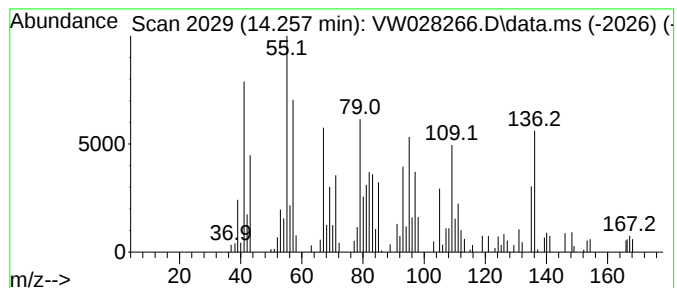
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	1.85 ug/L	46504	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Vinyl-7-oxabicyclo[4.1.0]hepta...	124	C8H12O	1000470-91-5	38		
2	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	38		
3	1H-Inden-1-one, 2,3,3a,4,7,7a-he...	136	C9H12O	053921-54-3	25		
4	Bicyclo[4.1.0]heptan-3-ol, 4,7,7...	154	C10H18O	054750-08-2	25		
5	1-Propanone, 1-(4-cycloocten-1-yl)-	166	C11H18O	054703-58-1	22		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

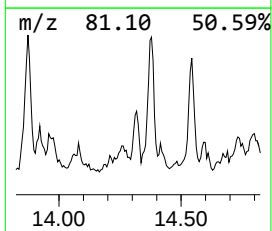
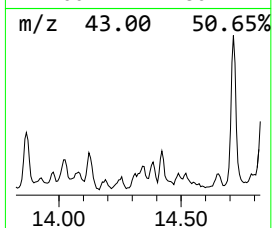
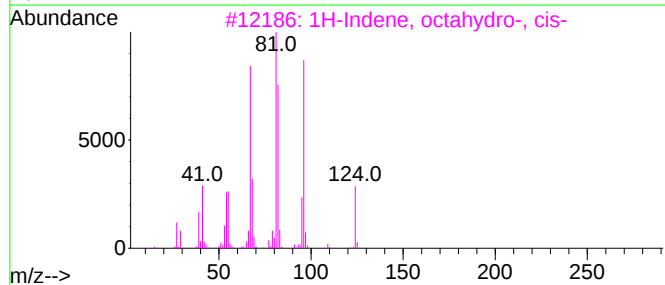
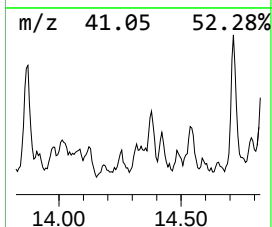
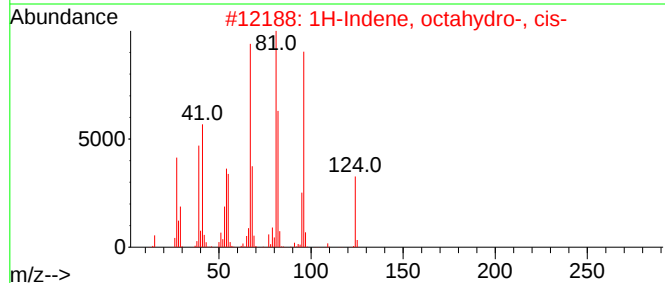
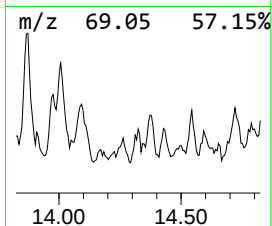
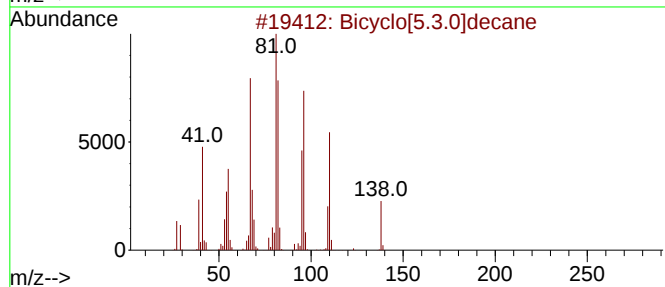
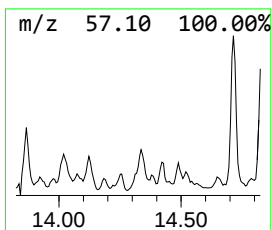
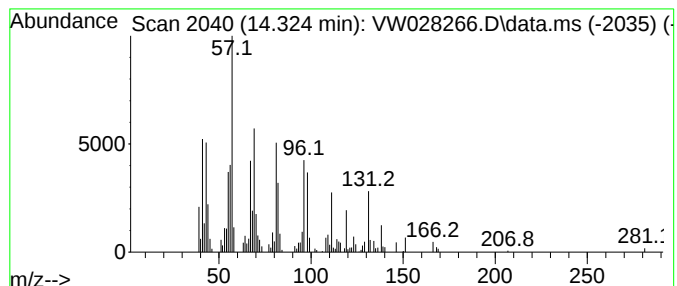
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.324	3.45 ug/L	86726	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	42
2			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	38
3			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	30
4			Cyclohexene, 1-octyl-	194	C14H26	015232-87-8	27
5			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

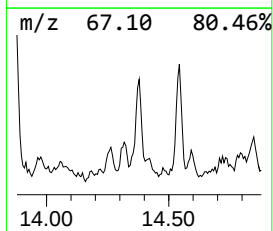
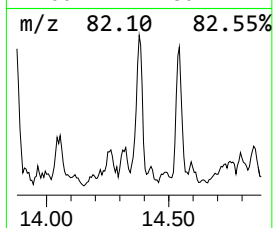
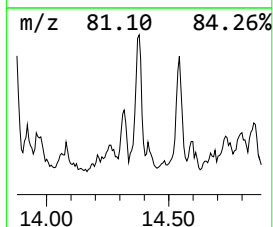
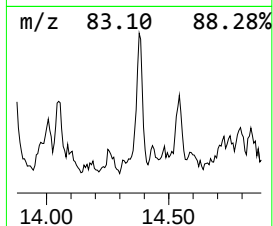
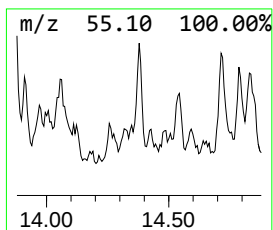
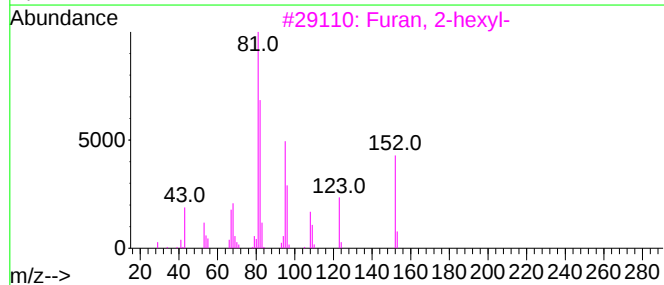
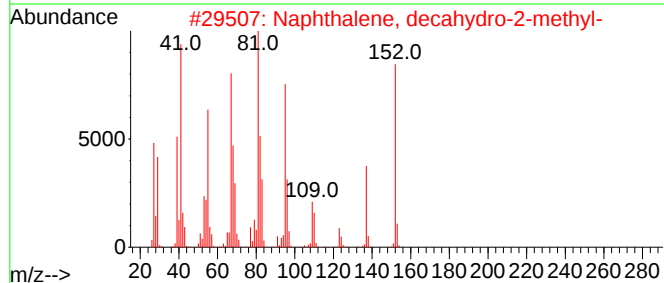
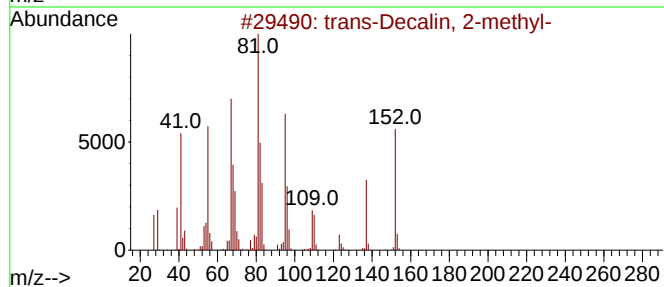
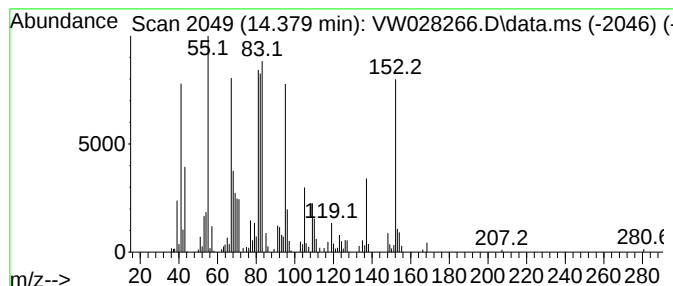
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Quant Title : SFAM01.0

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

Peak Number 13 trans-Decalin, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.00 ug/L	75249	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
3			Furan, 2-hexyl-	152	C10H16O	003777-70-6	46
4			Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	46
5			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

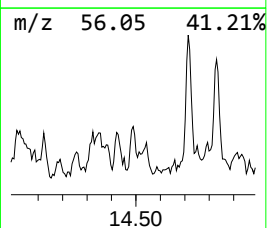
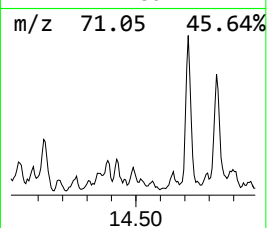
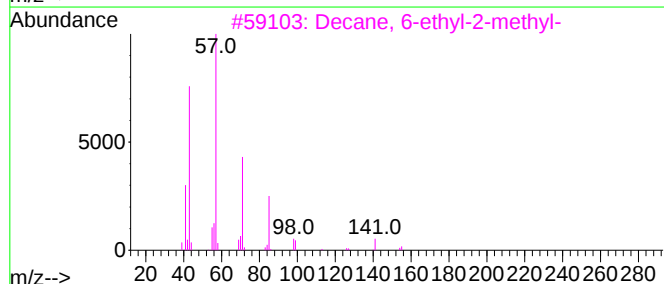
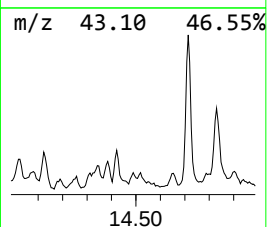
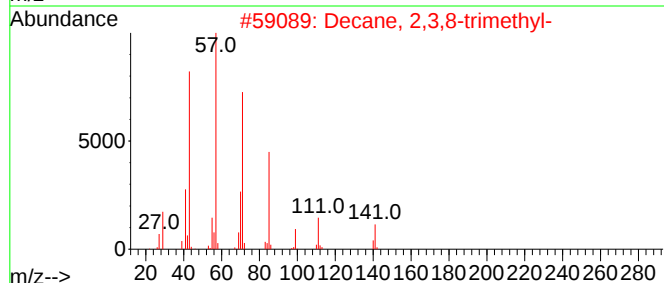
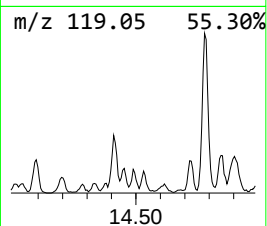
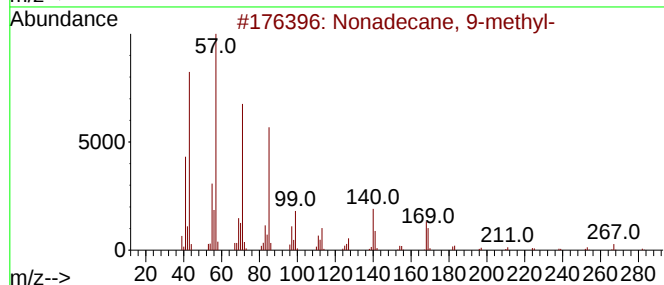
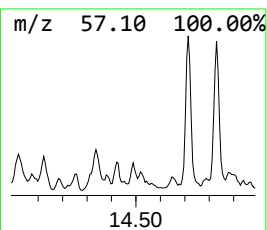
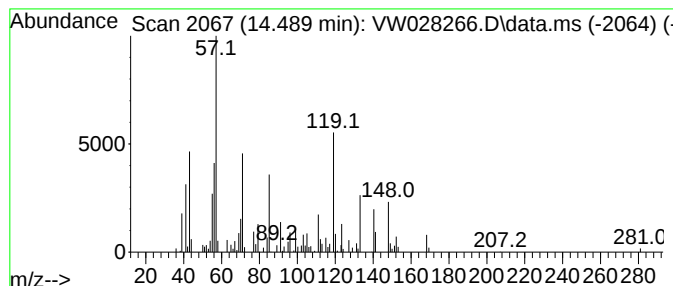
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	1.42 ug/L	35598	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	22
2		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	22
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	22
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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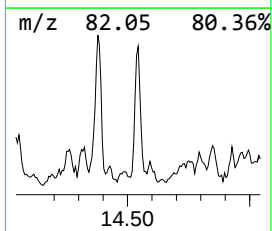
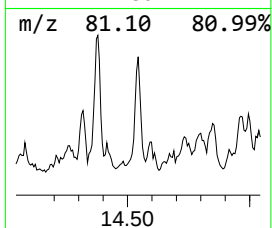
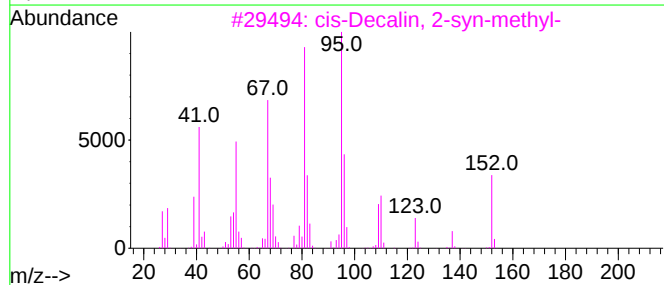
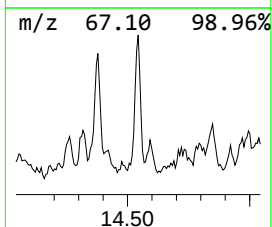
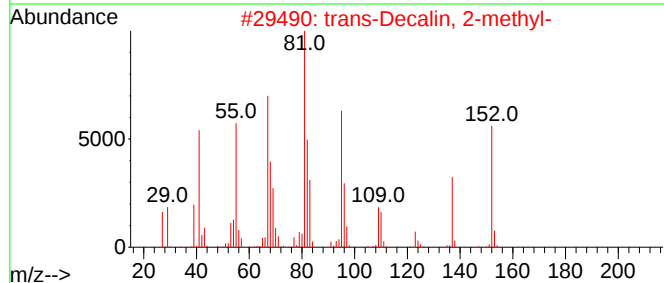
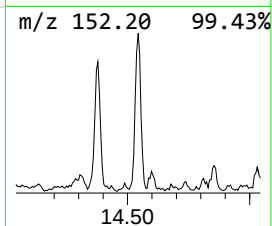
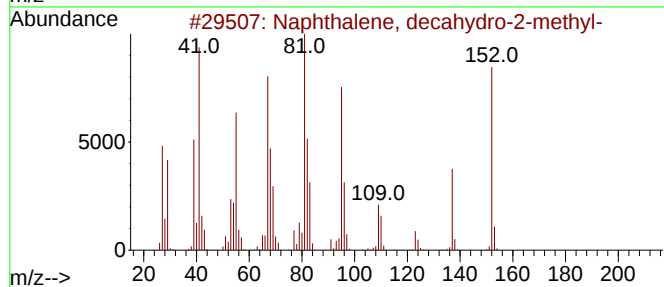
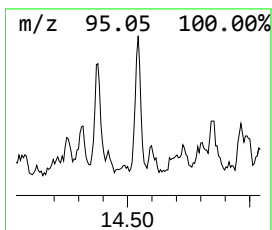
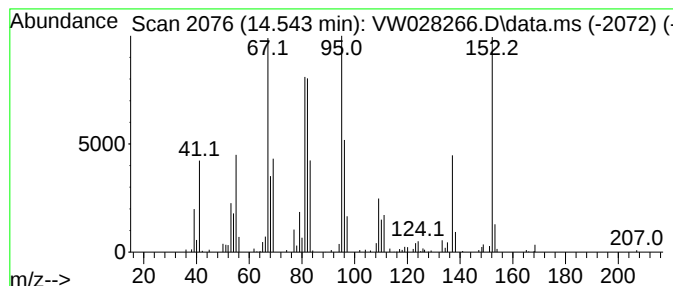
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	4.39 ug/L	110268	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	91
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	60
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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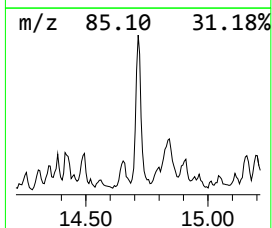
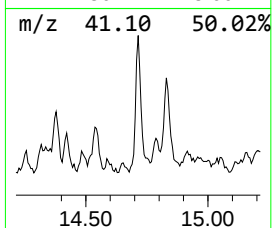
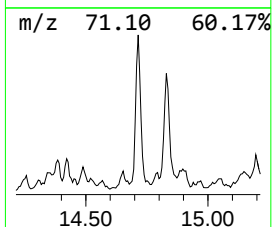
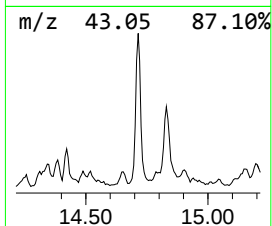
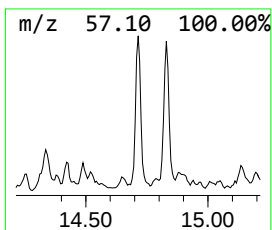
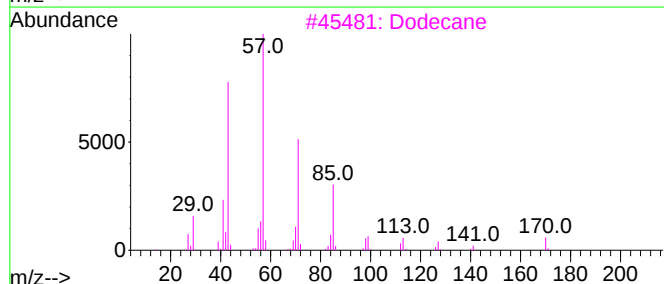
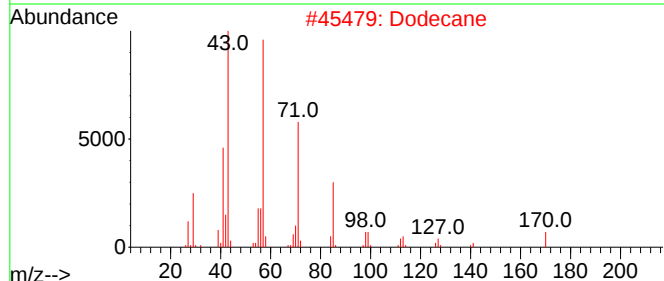
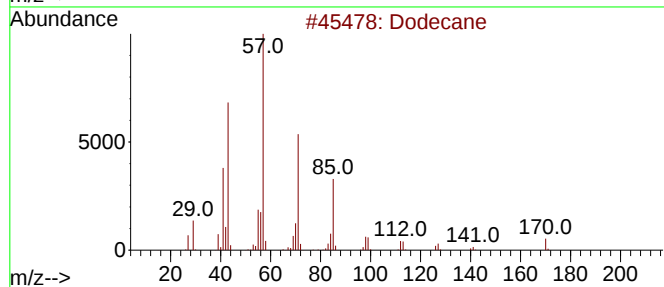
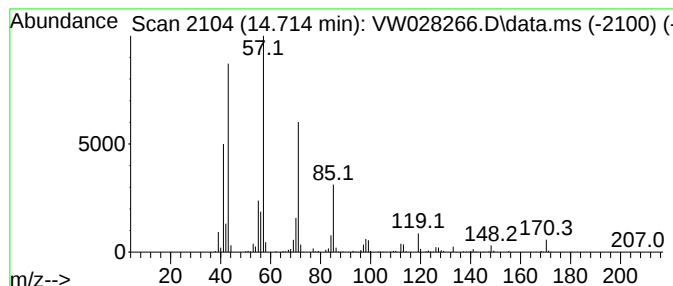
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	6.89 ug/L	173068	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Dodecane	170	C12H26	000112-40-3	90
3			Dodecane	170	C12H26	000112-40-3	83
4			Dodecane	170	C12H26	000112-40-3	81
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

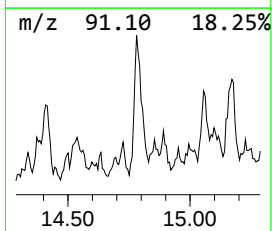
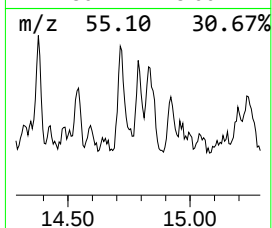
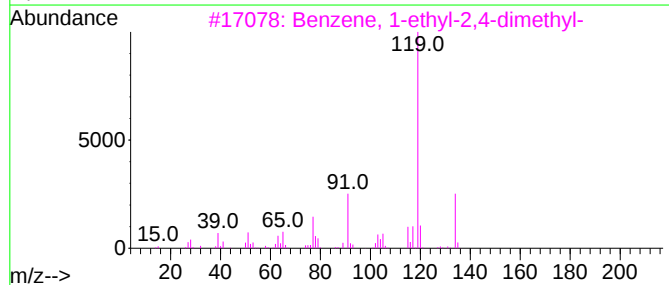
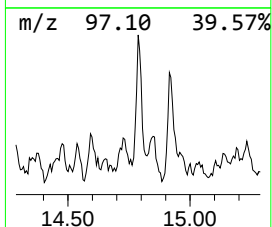
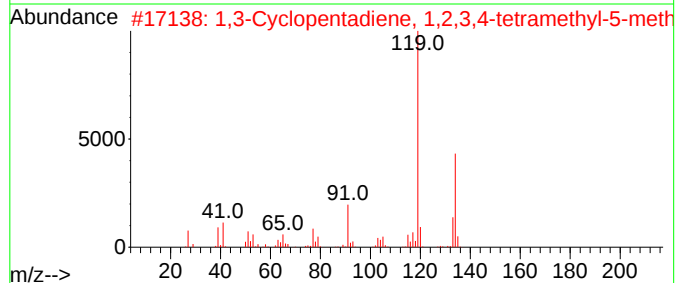
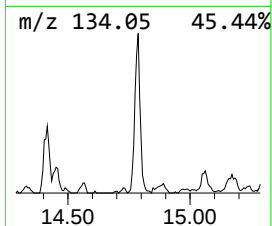
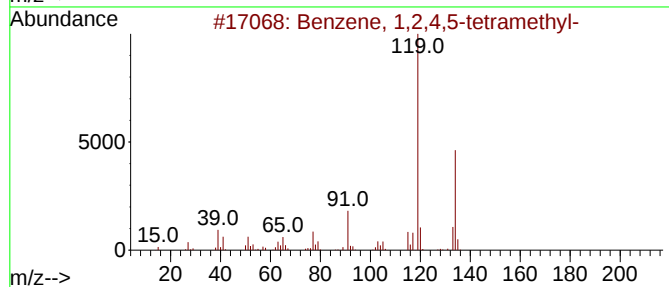
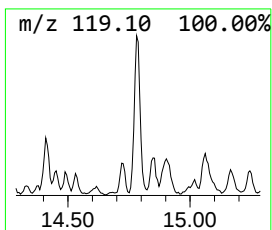
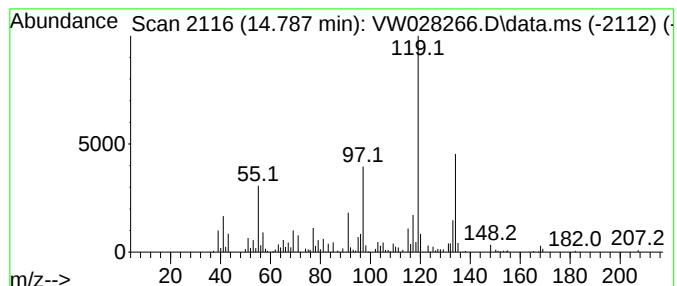
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	4.96 ug/L	124609	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	92
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

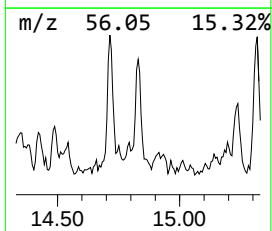
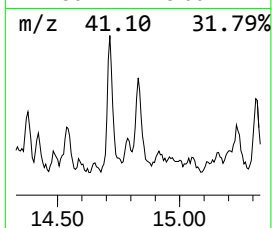
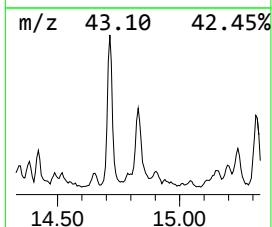
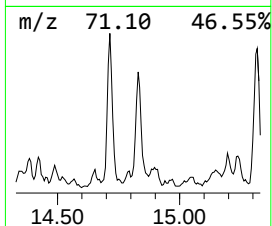
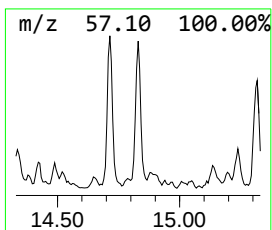
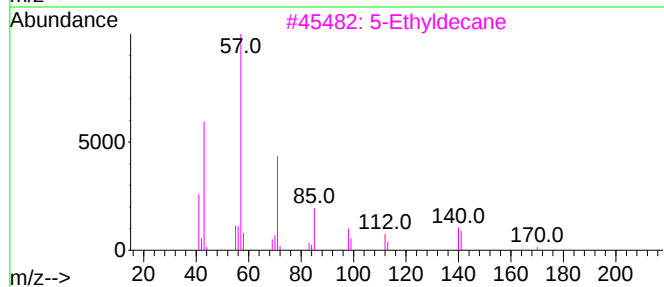
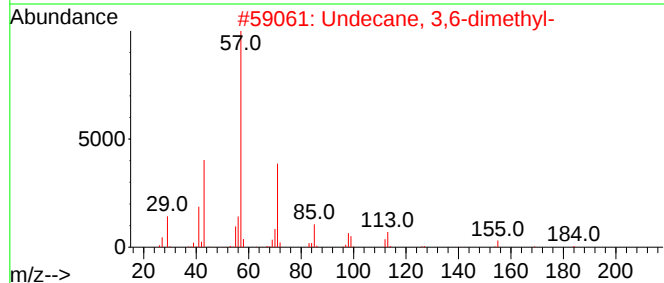
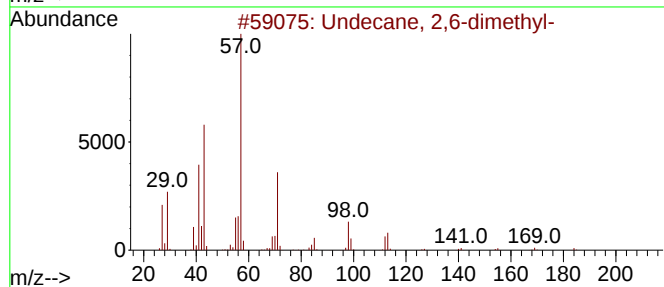
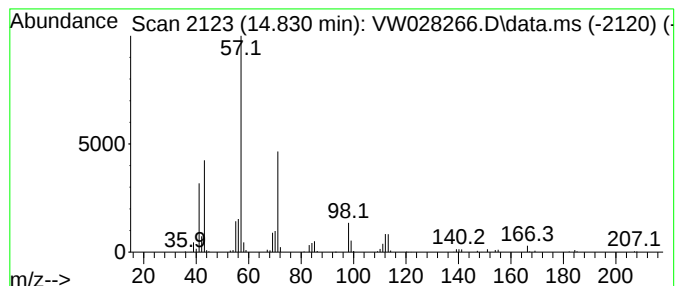
Instrument :
MSVOA_W
ClientSampleId :
E07B2

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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 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.830	6.08 ug/L	152683	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	90
2	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	83
3	5-Ethyldecane		170	C12H26	017302-36-2	78
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	76
5	Dodecane, 6-methyl-		184	C13H28	006044-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

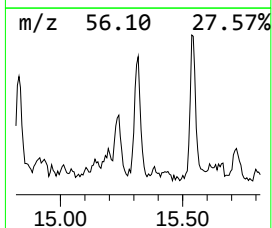
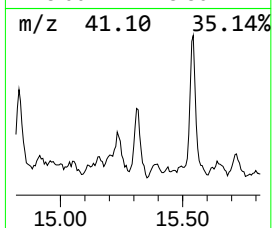
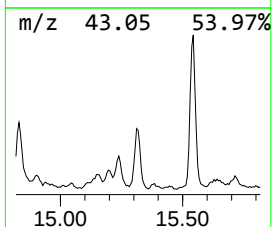
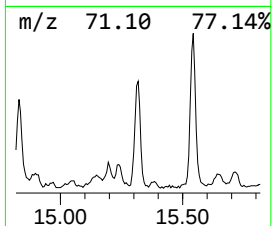
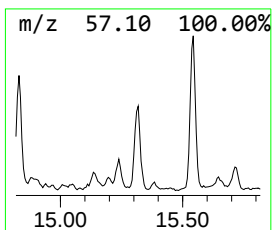
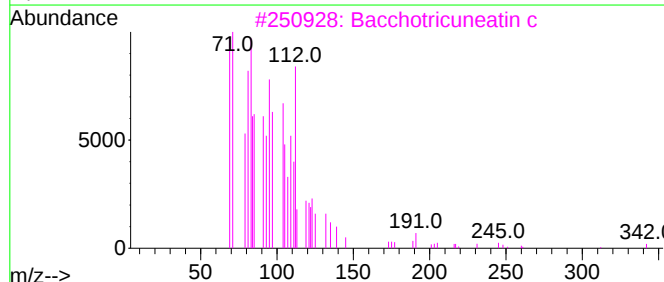
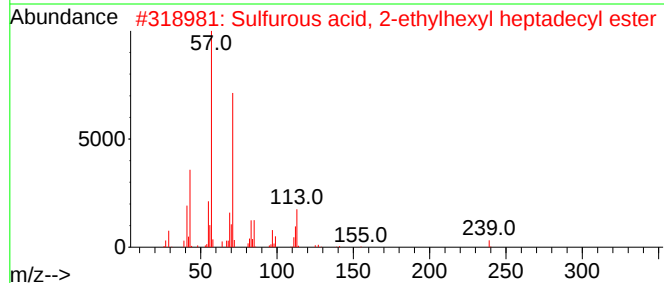
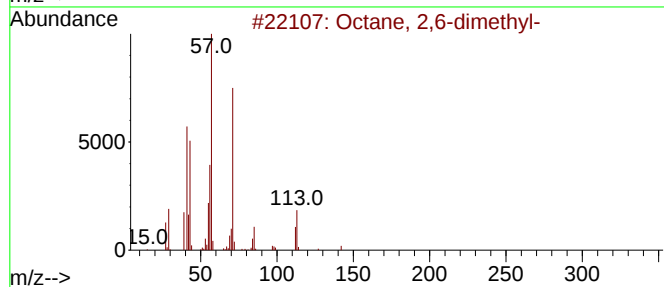
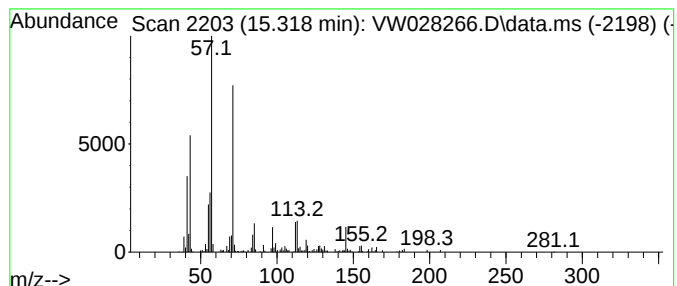
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	5.71 ug/L	143438	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	80
2		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

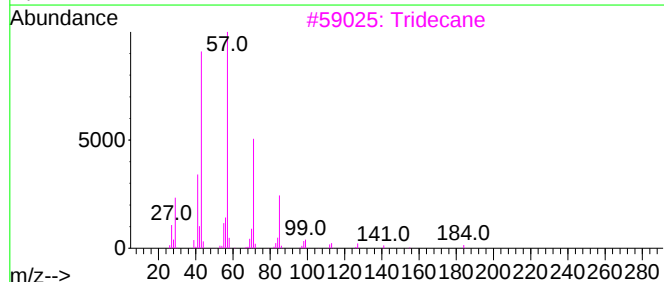
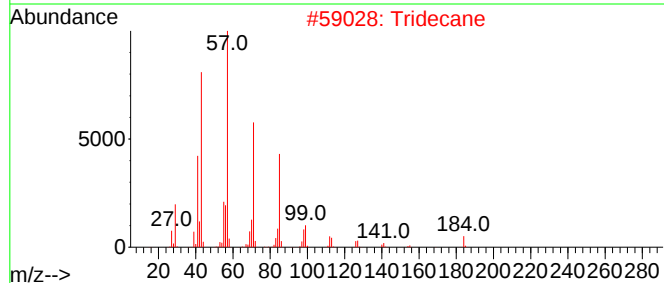
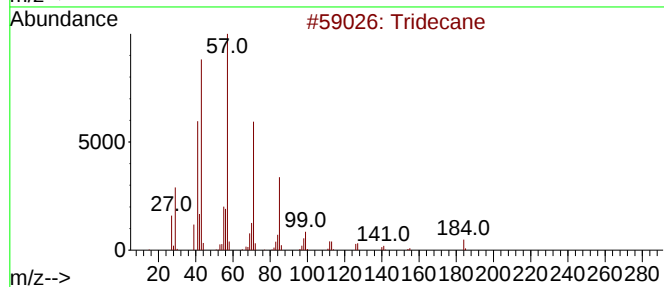
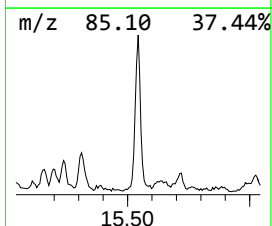
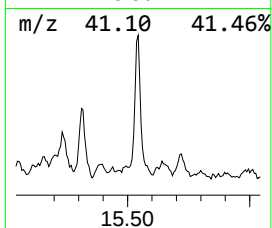
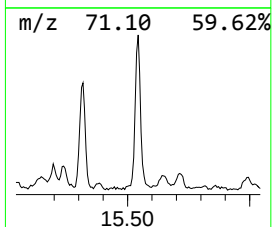
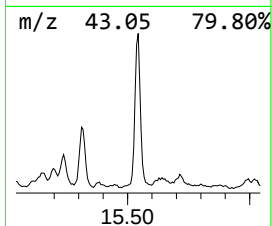
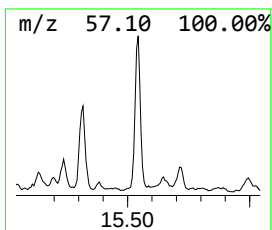
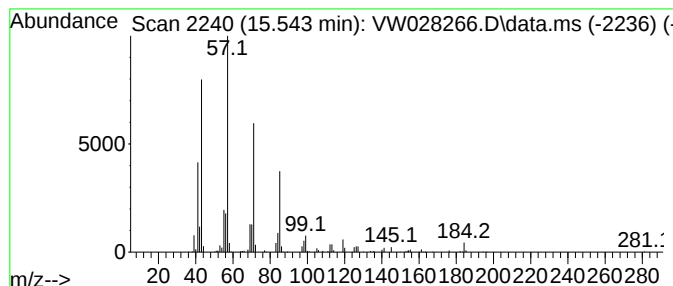
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	11.13 ug/L	279675	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

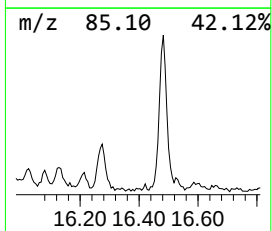
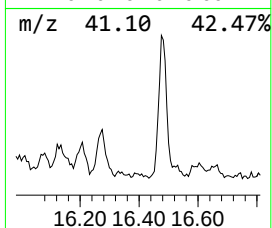
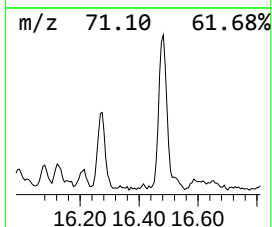
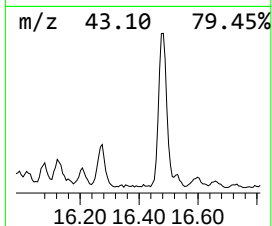
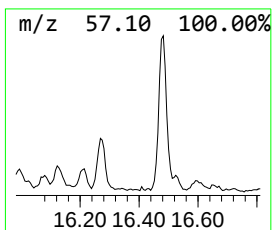
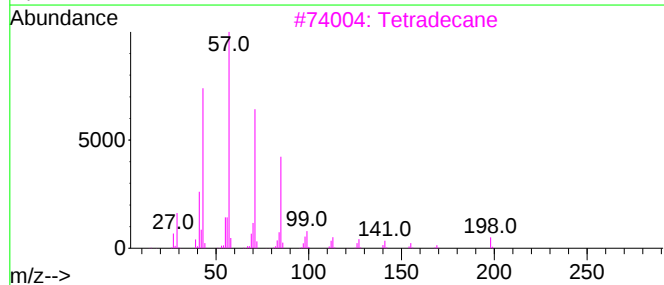
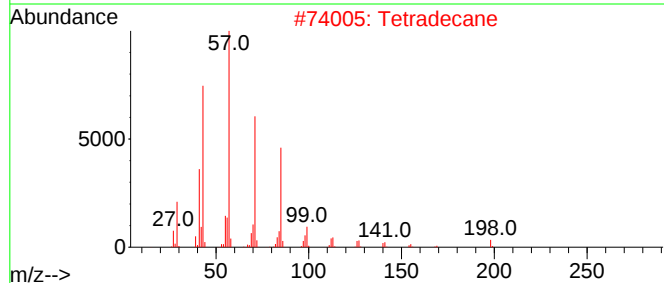
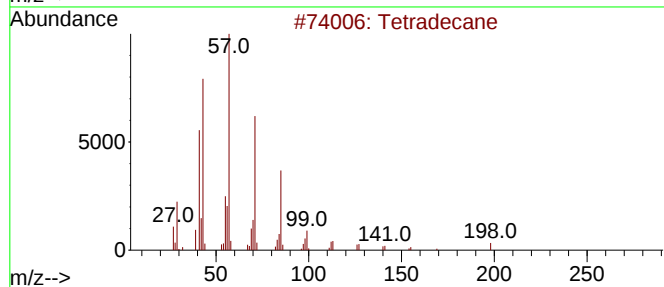
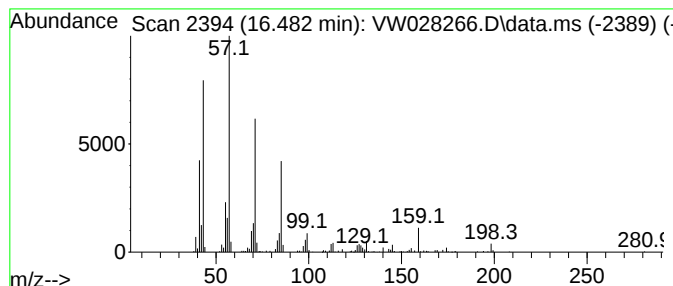
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	8.00 ug/L	200841	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	98
2		Tetradecane	198	C14H30	000629-59-4	97
3		Tetradecane	198	C14H30	000629-59-4	95
4		Hexadecane	226	C16H34	000544-76-3	74
5		Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028266.D
Acq On : 28 Mar 2024 13:30
Operator : SY/MD
Sample : P1886-16
Misc : 4.04g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07B2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.252	15.2	ug/L	541465	1	8.843	888606	25.0
(DEL) Alkane: C...	12.135	2.3	ug/L	84328	2	11.629	910338	25.0
(DEL) Alkane: S...	12.245	1.6	ug/L	58845	2	11.629	910338	25.0
(DEL) Alkane: S...	12.361	5.7	ug/L	209190	2	11.629	910338	25.0
(DEL) Alkane: S...	12.775	5.1	ug/L	127053	3	13.556	627930	25.0
Oxalic acid, di...	12.855	3.1	ug/L	77732	3	13.556	627930	25.0
(DEL) Alkane: C...	12.934	5.7	ug/L	143207	3	13.556	627930	25.0
(DEL) Alkane: S...	13.074	1.3	ug/L	31689	3	13.556	627930	25.0
(DEL) Alkane: S...	13.160	5.8	ug/L	145170	3	13.556	627930	25.0
unknown-01	14.257	1.9	ug/L	46504	3	13.556	627930	25.0
unknown-02	14.324	3.5	ug/L	86726	3	13.556	627930	25.0
trans-Decalin, ...	14.379	3.0	ug/L	75249	3	13.556	627930	25.0
(DEL) Alkane: S...	14.489	1.4	ug/L	35598	3	13.556	627930	25.0
Naphthalene, de...	14.543	4.4	ug/L	110268	3	13.556	627930	25.0
(DEL) Alkane: S...	14.714	6.9	ug/L	173068	3	13.556	627930	25.0
Benzene, 1,2,4,...	14.787	5.0	ug/L	124609	3	13.556	627930	25.0
(DEL) Alkane: S...	14.830	6.1	ug/L	152683	3	13.556	627930	25.0
(DEL) Alkane: S...	15.318	5.7	ug/L	143438	3	13.556	627930	25.0
(DEL) Alkane: S...	15.543	11.1	ug/L	279675	3	13.556	627930	25.0
(DEL) Alkane: S...	16.482	8.0	ug/L	200841	3	13.556	627930	25.0