

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027388.D
 Acq On : 23 Oct 2023 12:22
 Operator : SY/MD
 Sample : 04922-04RE
 Misc : 4.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAR2RE

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

Signal : TIC: VW027388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	68	79	92	rBV	74571	202952	14.10%	1.722%
2	2.899	158	166	181	rBV	68814	189160	13.14%	1.605%
3	3.039	183	189	198	rVB3	10957	28802	2.00%	0.244%
4	3.399	240	248	258	rVB3	20709	53584	3.72%	0.455%
5	3.856	316	323	333	rVB2	5865	14356	1.00%	0.122%
6	4.021	339	350	360	rBV	159309	481066	33.41%	4.081%
7	4.124	360	367	382	rVB	108655	310965	21.60%	2.638%
8	4.393	402	411	421	rVV3	6149	22885	1.59%	0.194%
9	4.960	487	504	526	rVB4	19491	121906	8.47%	1.034%
10	5.173	532	539	540	rBV3	4287	8396	0.58%	0.071%
11	5.447	571	584	594	rVV3	12703	45552	3.16%	0.386%
12	5.758	625	635	640	rBV9	1946	6501	0.45%	0.055%
13	5.947	656	666	677	rBV3	18746	58194	4.04%	0.494%
14	6.283	716	721	729	rVB9	1764	4418	0.31%	0.037%
15	6.709	786	791	794	rBV7	2459	4405	0.31%	0.037%
16	6.886	809	820	827	rBV6	6815	22970	1.60%	0.195%
17	6.996	827	838	844	rBV4	11652	35634	2.48%	0.302%
18	7.081	844	852	857	rVV	57535	166178	11.54%	1.410%
19	7.142	857	862	880	rVB3	50180	196521	13.65%	1.667%
20	7.648	936	945	960	rBV	269836	679407	47.19%	5.764%
21	7.923	982	990	994	rBV4	9334	24811	1.72%	0.211%
22	8.032	1001	1008	1019	rVB	16539	44261	3.07%	0.376%
23	8.154	1021	1028	1035	rBV2	12155	27874	1.94%	0.236%
24	8.276	1037	1048	1067	rVV2	470384	1439734	100.00%	12.215%
25	8.477	1067	1081	1091	rVV	34932	108078	7.51%	0.917%
26	8.569	1094	1096	1101	rVV5	3927	6311	0.44%	0.054%
27	8.697	1110	1117	1124	rVB5	6752	16097	1.12%	0.137%
28	8.843	1132	1141	1154	rBV	474225	931786	64.72%	7.905%
29	9.075	1172	1179	1187	rBV2	11143	26612	1.85%	0.226%
30	9.276	1203	1212	1220	rBV	392768	826715	57.42%	7.014%
31	9.380	1227	1229	1236	rVB3	7536	11758	0.82%	0.100%
32	9.453	1236	1241	1246	rBV8	2306	4201	0.29%	0.036%
33	9.526	1247	1253	1259	rVB10	2096	4501	0.31%	0.038%
34	9.666	1270	1276	1284	rBV	11026	22750	1.58%	0.193%
35	9.758	1284	1291	1297	rVB	22293	43809	3.04%	0.372%
36	9.892	1303	1313	1320	rBV2	22041	49164	3.41%	0.417%

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 Title : SFAM01.0

37	9.953	1320	1323	1327	rBV3	3752	6009	0.42%	0.051%
38	10.032	1330	1336	1344	rVV	166625	304932	21.18%	2.587%
39	10.093	1344	1346	1350	rVB4	4537	5267	0.37%	0.045%
40	10.215	1358	1366	1368	rBV7	6943	14246	0.99%	0.121%
41	10.245	1368	1371	1376	rVB3	7321	12519	0.87%	0.106%
42	10.325	1376	1384	1391	rBV	531650	955334	66.35%	8.105%
43	10.501	1406	1413	1419	rVB	5584	12798	0.89%	0.109%
44	10.575	1419	1425	1434	rBV	95121	176263	12.24%	1.495%
45	10.660	1434	1439	1442	rBV6	4214	6898	0.48%	0.059%
46	10.703	1442	1446	1451	rVV3	10488	18186	1.26%	0.154%
47	10.757	1451	1455	1459	rVB6	4045	7185	0.50%	0.061%
48	10.824	1459	1466	1476	rVB	191985	347032	24.10%	2.944%
49	10.922	1476	1482	1493	rBV2	240537	423433	29.41%	3.593%
50	11.062	1502	1505	1509	rVB3	7023	10030	0.70%	0.085%
51	11.178	1520	1524	1528	rVB2	7782	11316	0.79%	0.096%
52	11.227	1528	1532	1537	rVB2	11149	18598	1.29%	0.158%
53	11.282	1537	1541	1545	rVB6	2966	4907	0.34%	0.042%
54	11.337	1545	1550	1554	rBV4	6763	11642	0.81%	0.099%
55	11.434	1554	1566	1574	rVB9	9714	32821	2.28%	0.278%
56	11.532	1574	1582	1589	rVB	41409	81369	5.65%	0.690%
57	11.629	1589	1598	1605	rBV	469741	796764	55.34%	6.760%
58	11.757	1617	1619	1623	rVB3	5661	7506	0.52%	0.064%
59	11.830	1623	1631	1634	rBV6	7771	21809	1.51%	0.185%
60	11.873	1634	1638	1642	rVB2	16054	23985	1.67%	0.203%
61	11.971	1649	1654	1659	rBV8	2992	6122	0.43%	0.052%
62	12.056	1662	1668	1674	rVV7	3870	7868	0.55%	0.067%
63	12.135	1674	1681	1692	rBV5	21092	60961	4.23%	0.517%
64	12.245	1692	1699	1703	rVB4	13137	27930	1.94%	0.237%
65	12.361	1703	1718	1726	rBV5	24131	106612	7.40%	0.905%
66	12.464	1730	1735	1739	rBV6	6704	14698	1.02%	0.125%
67	12.605	1749	1758	1763	rVB4	24814	57775	4.01%	0.490%
68	12.690	1766	1772	1779	rVV	258504	428541	29.77%	3.636%
69	12.775	1782	1786	1793	rVB3	28666	54498	3.79%	0.462%
70	12.861	1793	1800	1804	rBV6	12643	30640	2.13%	0.260%
71	12.934	1804	1812	1818	rBV5	38544	101341	7.04%	0.860%
72	12.989	1819	1821	1828	rVB6	10301	12827	0.89%	0.109%
73	13.080	1831	1836	1839	rBV4	9960	15575	1.08%	0.132%
74	13.129	1839	1844	1845	rVV3	6151	8879	0.62%	0.075%
75	13.159	1845	1849	1859	rVB4	21428	49272	3.42%	0.418%
76	13.287	1866	1870	1875	rVB4	11337	16631	1.16%	0.141%

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 Title : SFAM01.0

77	13.373	1881	1884	1886	rBV4	8137	10272	0.71%	0.087%
78	13.440	1892	1895	1899	rVB5	12871	18131	1.26%	0.154%
79	13.483	1899	1902	1905	rVB4	11248	13973	0.97%	0.119%
80	13.556	1908	1914	1922	rBV	261128	415718	28.87%	3.527%
81	13.696	1931	1937	1941	rVB7	10481	19636	1.36%	0.167%
82	13.848	1955	1962	1972	rBV	206327	429024	29.80%	3.640%
83	13.976	1981	1983	1985	rBV3	3860	4676	0.32%	0.040%
84	14.062	1993	1997	2005	rVB2	21291	38884	2.70%	0.330%
85	14.196	2014	2019	2024	rBV8	7338	15259	1.06%	0.129%
86	14.257	2025	2029	2032	rVV4	9447	16058	1.12%	0.136%
87	14.318	2036	2039	2045	rVV8	7249	13286	0.92%	0.113%
88	14.379	2045	2049	2052	rBV4	15618	22291	1.55%	0.189%
89	14.495	2064	2068	2071	rBV5	9230	17917	1.24%	0.152%
90	14.543	2072	2076	2081	rVB5	17093	28828	2.00%	0.245%
91	14.714	2100	2104	2110	rVV3	11244	18809	1.31%	0.160%
92	14.830	2121	2123	2131	rVB4	7584	14230	0.99%	0.121%
93	15.238	2188	2190	2199	rVB8	7530	13638	0.95%	0.116%
94	15.318	2199	2203	2208	rBV5	9170	14568	1.01%	0.124%
95	15.427	2212	2221	2225	rVV	20536	44224	3.07%	0.375%
96	15.482	2227	2230	2237	rVV	12004	22613	1.57%	0.192%
97	15.549	2238	2241	2246	rVB6	5252	8545	0.59%	0.072%
98	15.799	2278	2282	2287	rVB7	5408	9906	0.69%	0.084%
99	16.214	2345	2350	2355	rVB8	4104	8094	0.56%	0.069%
100	16.275	2355	2360	2364	rBV3	8236	14668	1.02%	0.124%

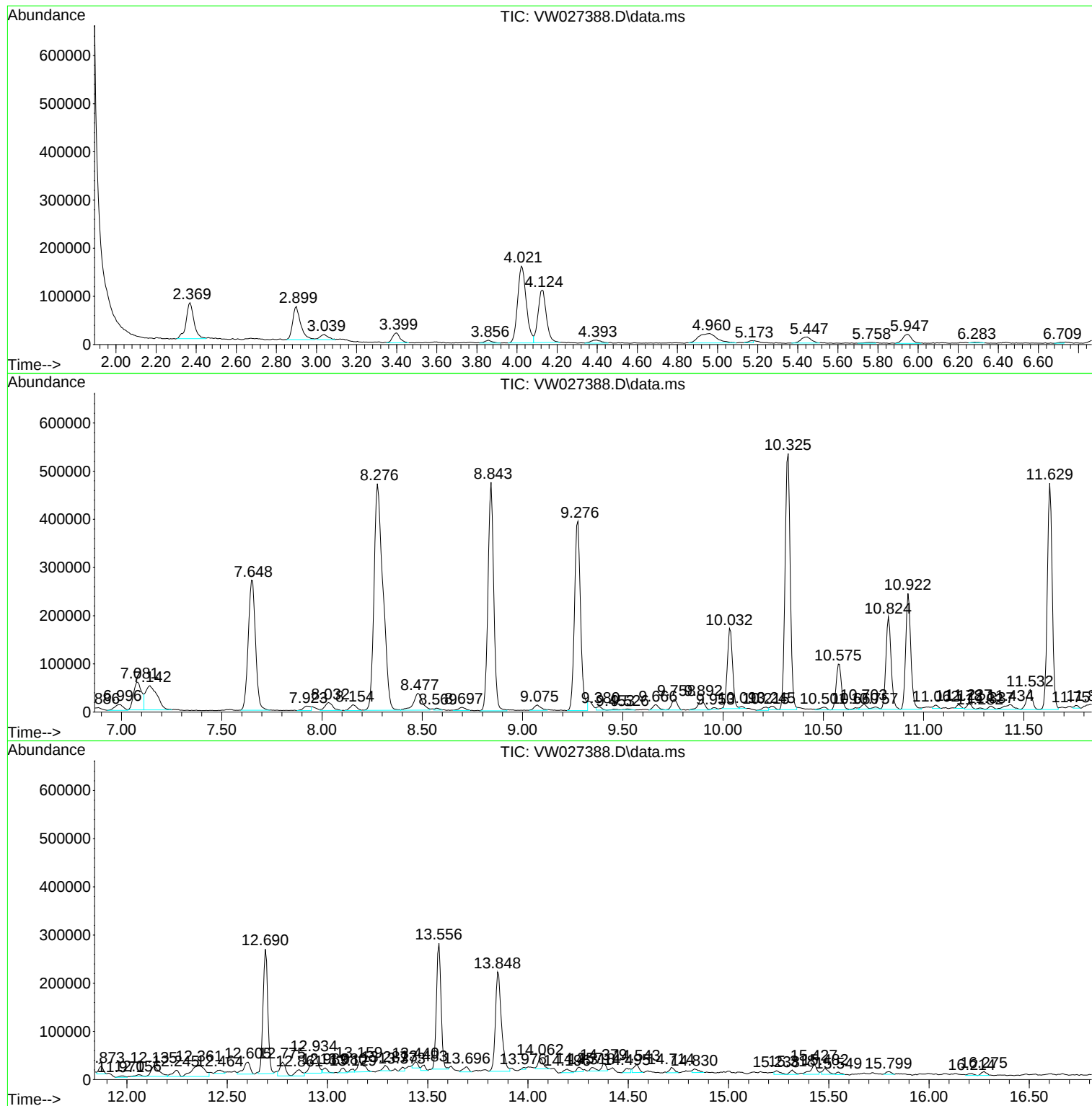
Sum of corrected areas: 11786581

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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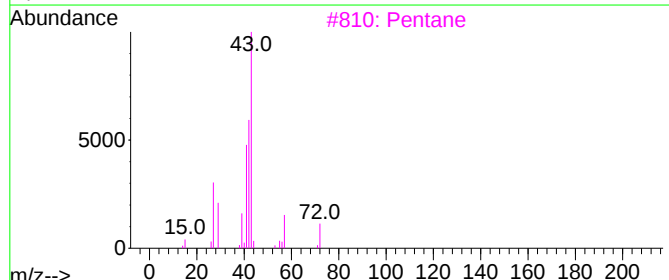
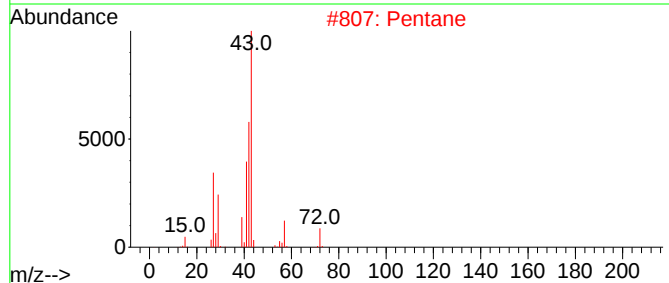
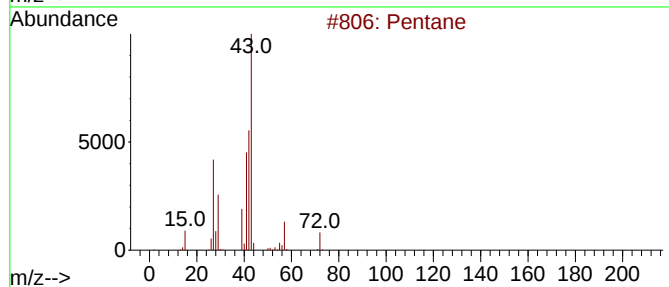
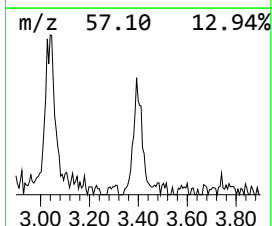
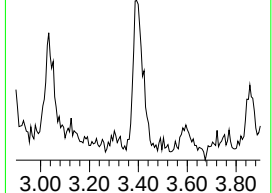
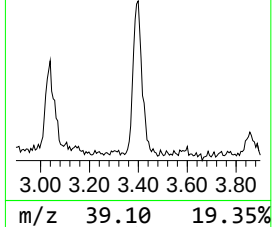
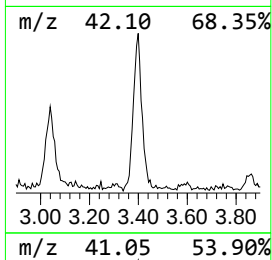
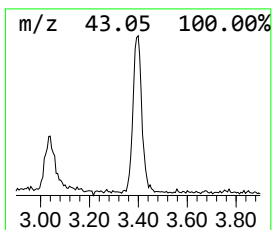
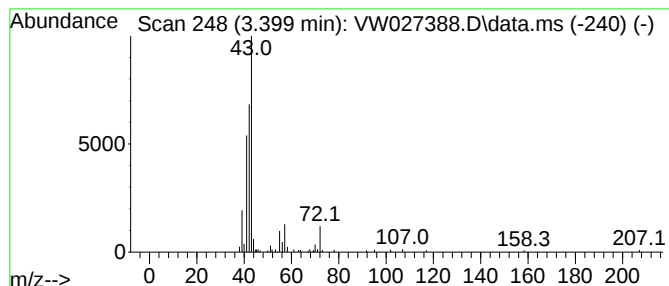
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.399	1.44 ug/L	53584	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	72
2	Pentane			72	C5H12	000109-66-0	72
3	Pentane			72	C5H12	000109-66-0	72
4	Pentane			72	C5H12	000109-66-0	58
5	Pentane			72	C5H12	000109-66-0	53



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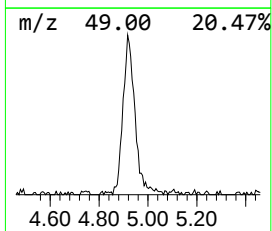
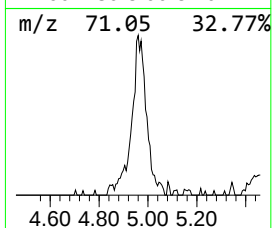
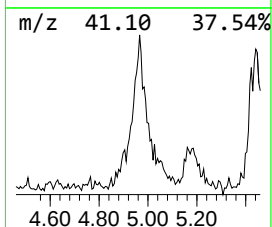
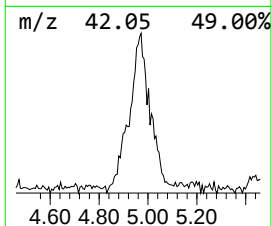
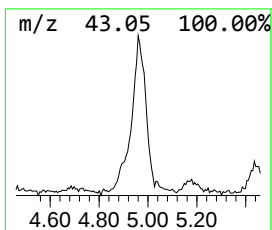
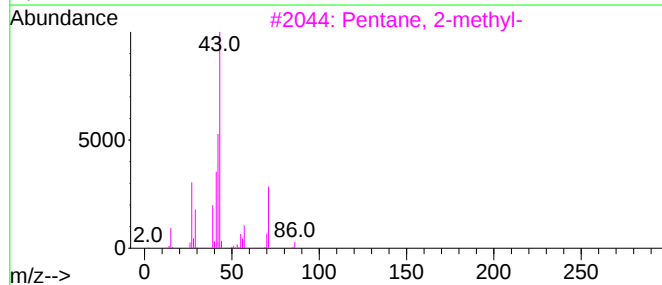
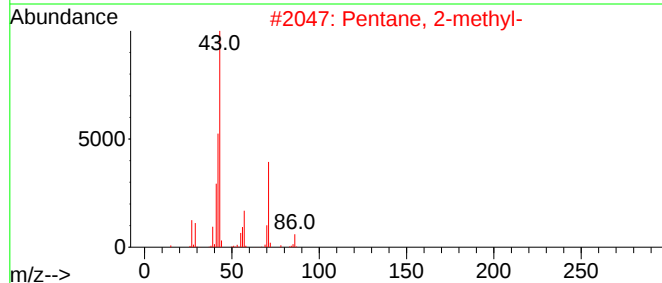
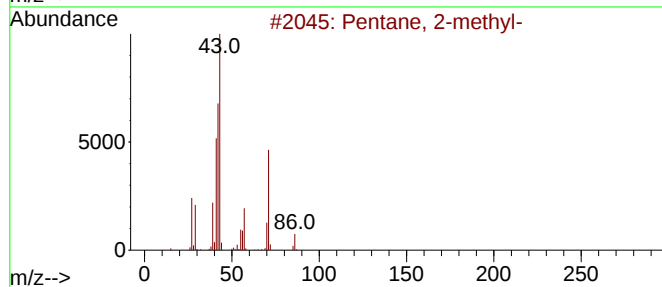
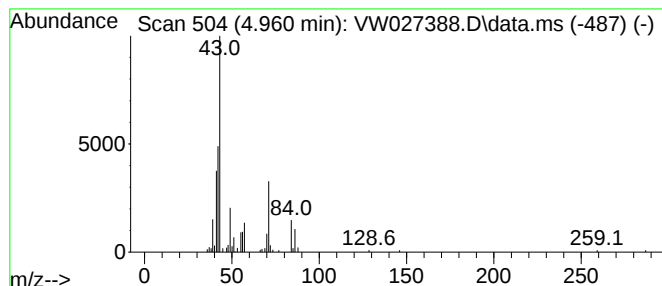
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.960	3.27 ug/L	121906	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	50
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	38
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	35
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	35



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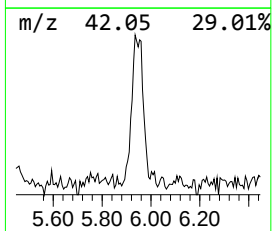
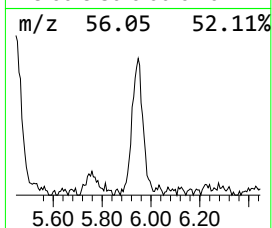
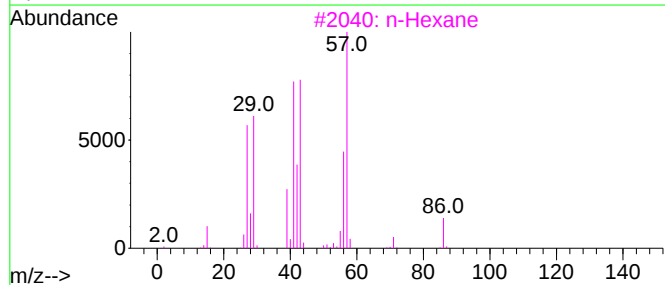
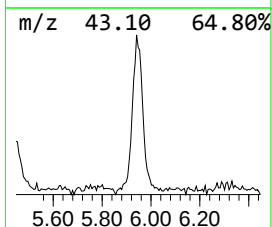
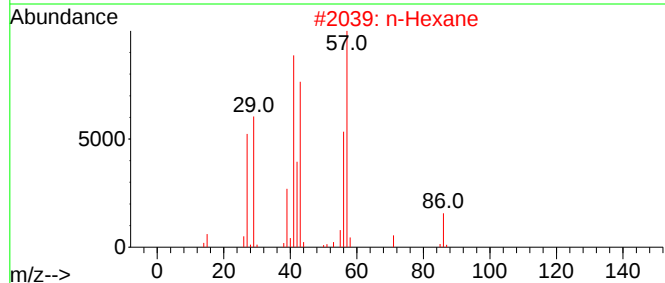
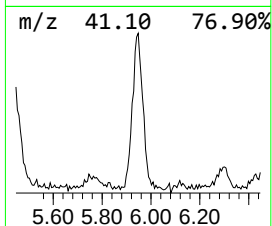
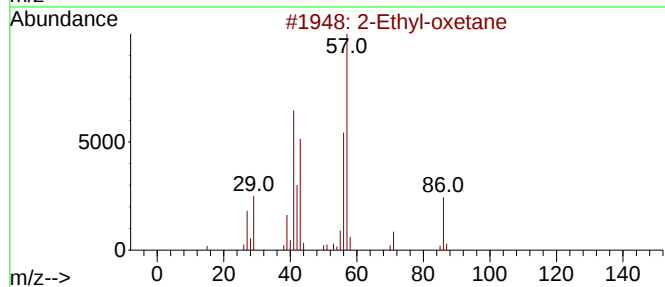
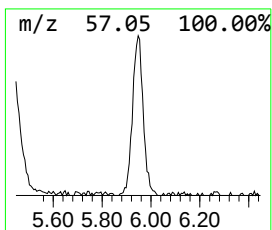
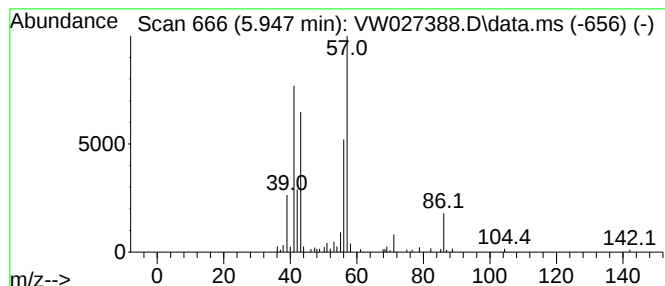
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Quant Title : SFAM01.0

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

Peak Number 3 2-Ethyl-oxetane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.947	1.56 ug/L	58194	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
2			n-Hexane	86	C6H14	000110-54-3	78
3			n-Hexane	86	C6H14	000110-54-3	59
4			n-Hexane	86	C6H14	000110-54-3	53
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

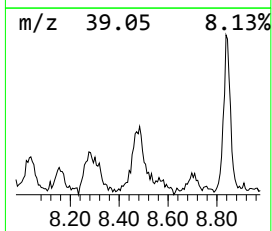
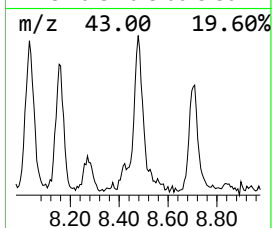
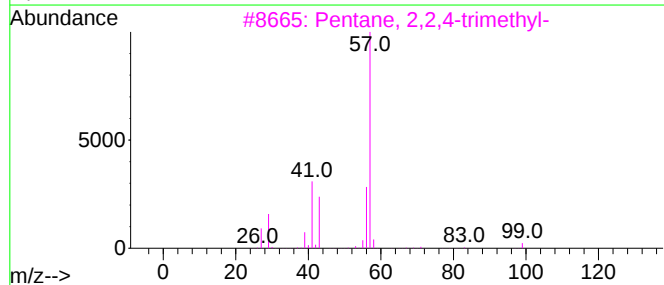
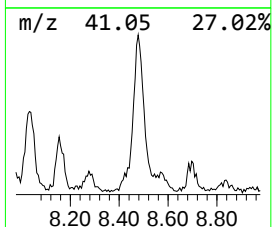
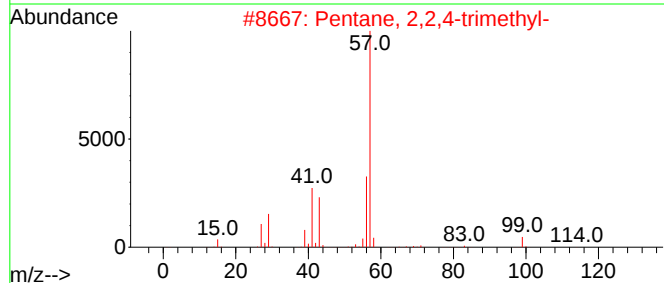
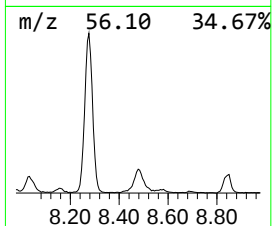
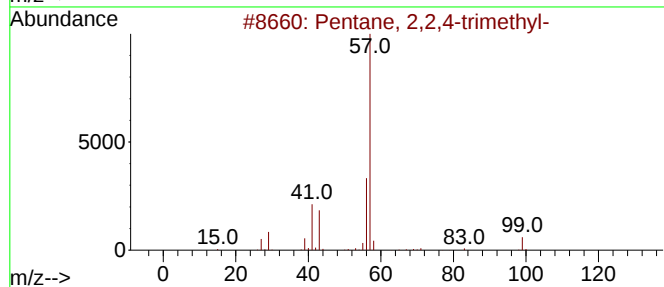
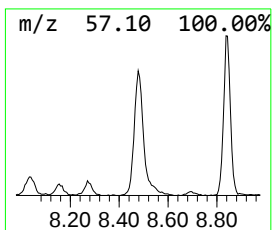
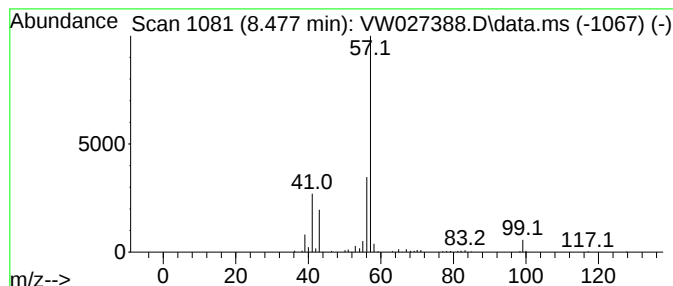
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.477	2.90 ug/L	108078	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

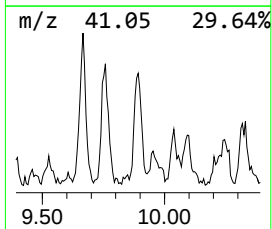
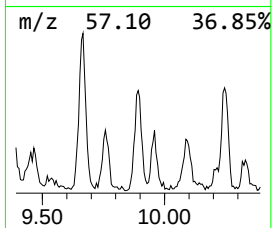
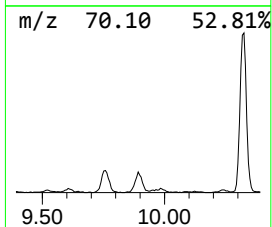
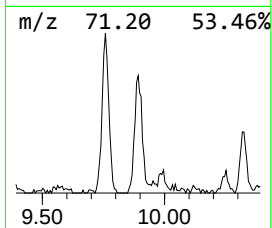
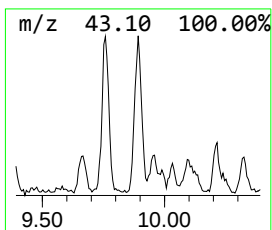
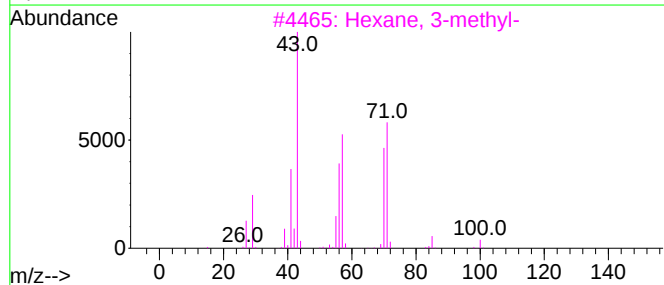
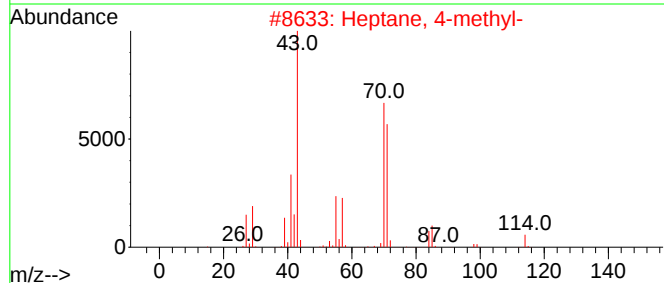
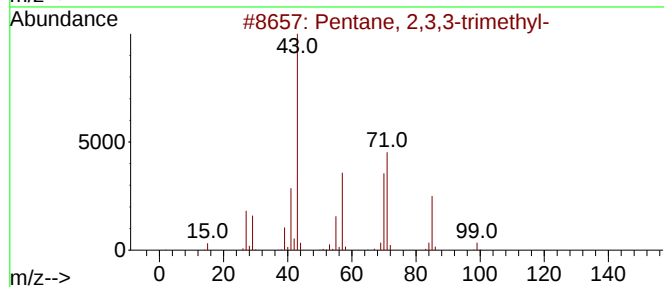
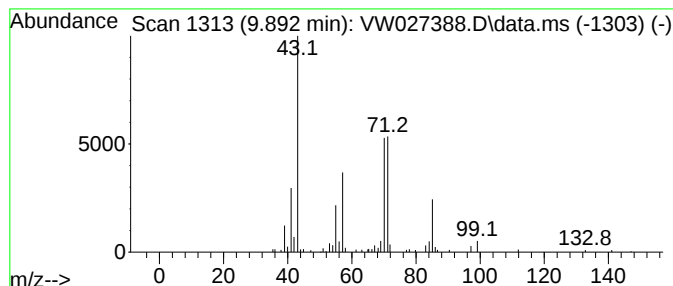
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	1.32 ug/L	49164	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	59
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

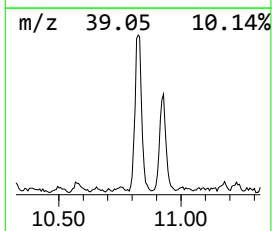
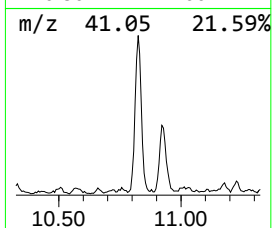
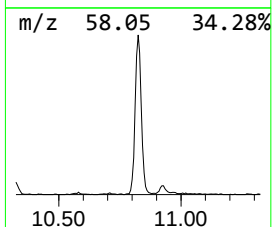
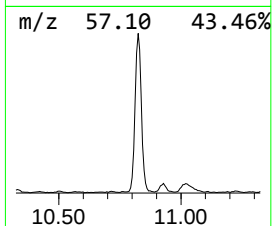
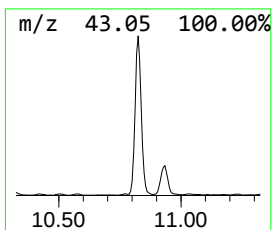
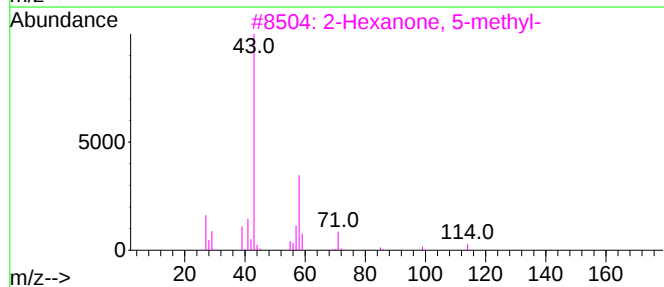
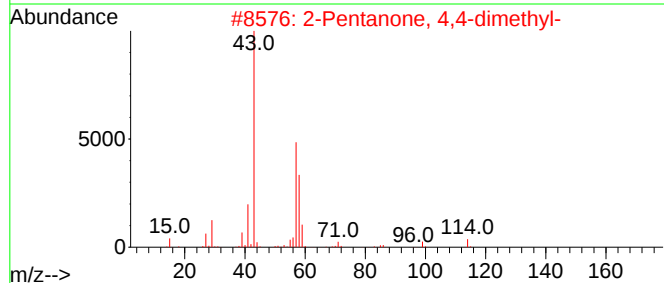
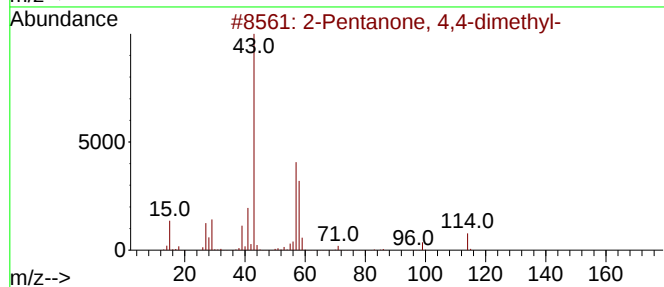
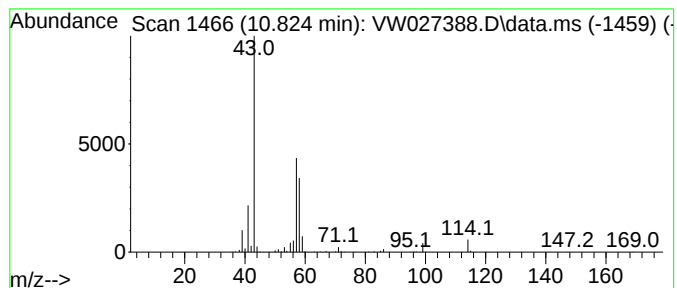
Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

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Quant Title : SFAM01.0

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

Peak Number 7 2-Pentanone, 4,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.825	10.89 ug/L	347032	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-		114	C7H14O	000590-50-1	90
2	2-Pentanone, 4,4-dimethyl-		114	C7H14O	000590-50-1	83
3	2-Hexanone, 5-methyl-		114	C7H14O	000110-12-3	78
4	1-Butoxy-2-propanol acetate		174	C9H18O3	085409-76-3	72
5	2-Hexanone, 5-methyl-		114	C7H14O	000110-12-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

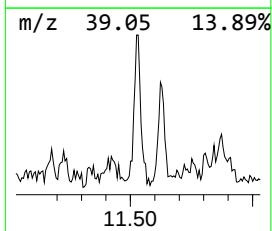
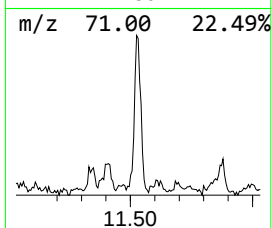
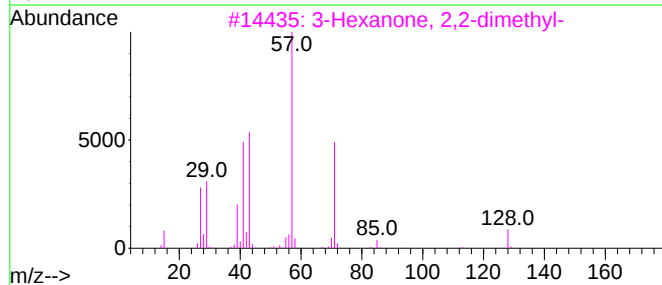
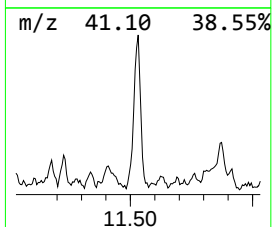
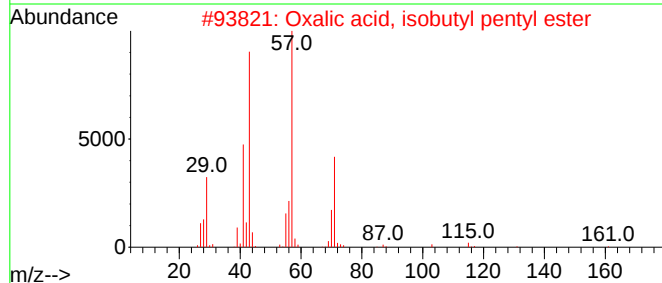
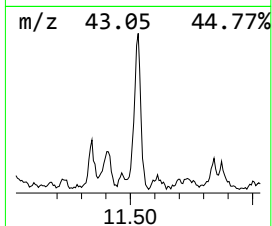
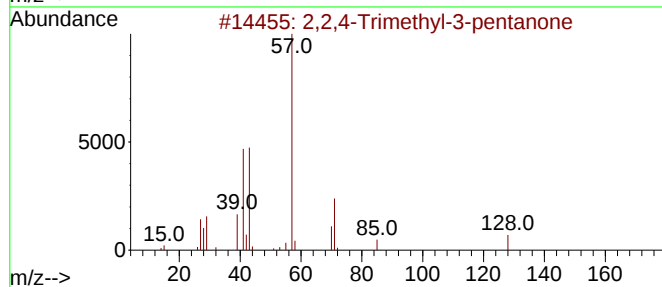
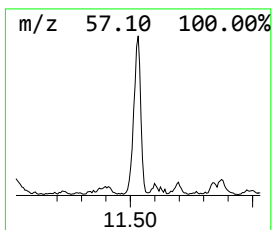
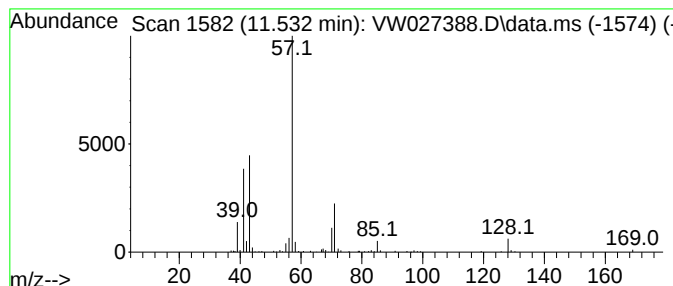
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Quant Title : SFAM01.0

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

Peak Number 8 2,2,4-Trimethyl-3-pentanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	2.55 ug/L	81369	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	90
2			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53
3			3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	53
4			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	42
5			3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

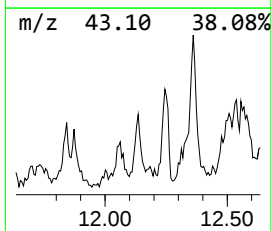
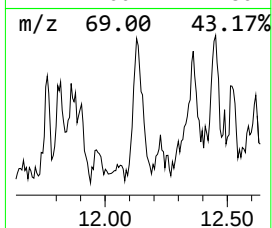
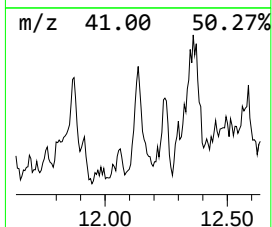
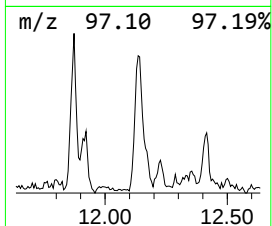
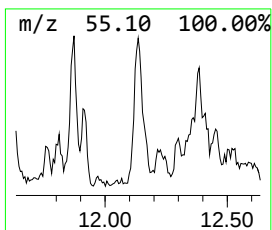
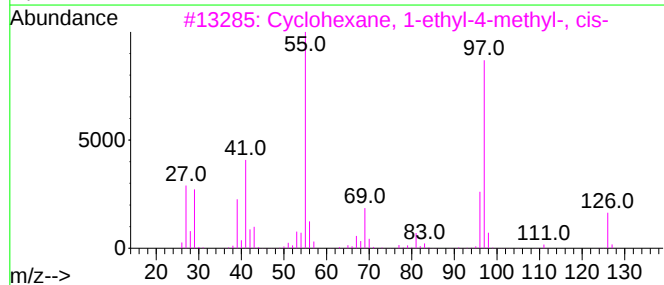
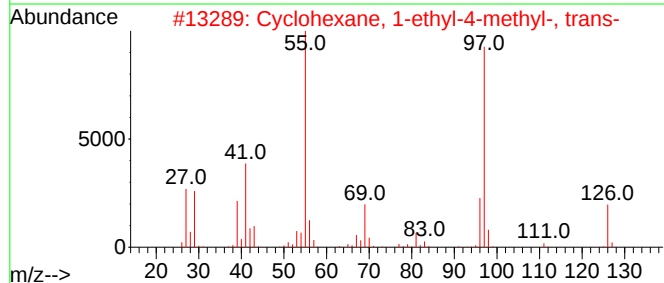
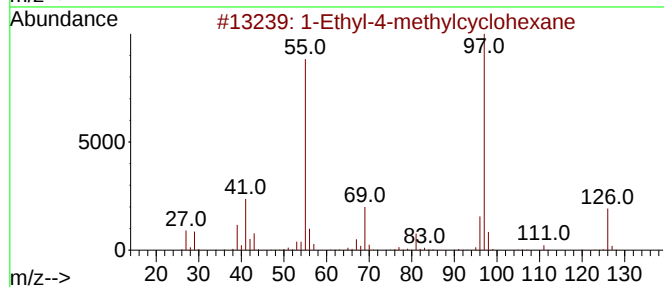
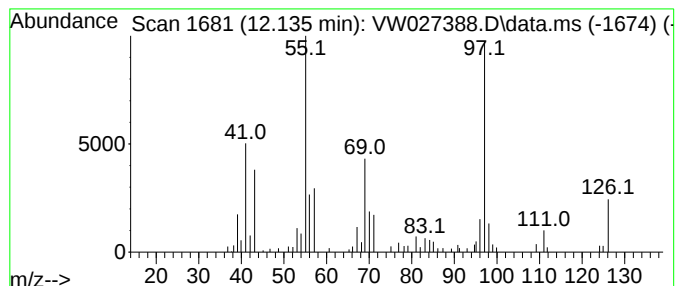
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.135 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	1.91 ug/L	60961	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

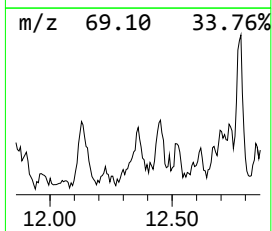
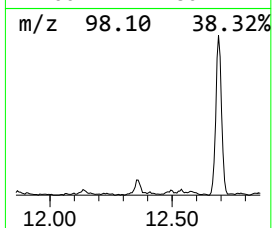
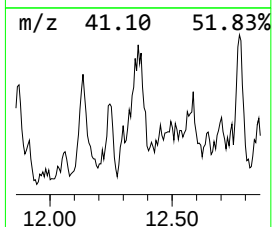
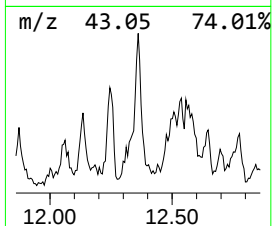
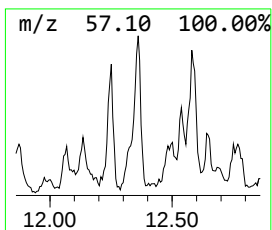
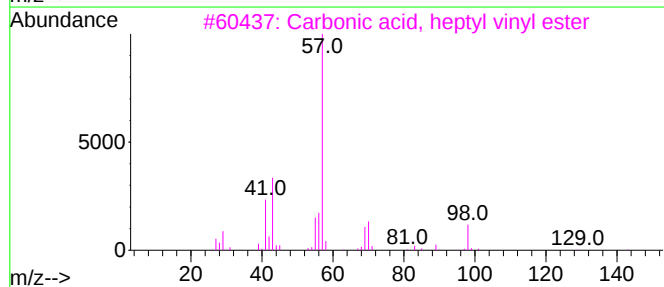
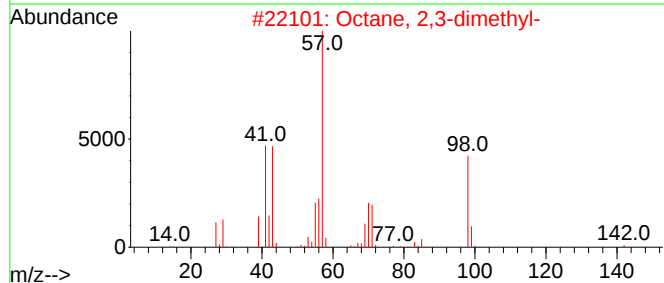
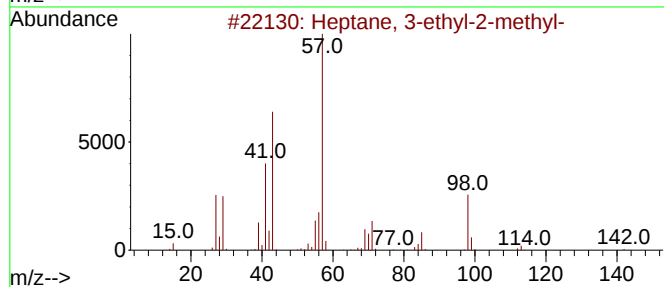
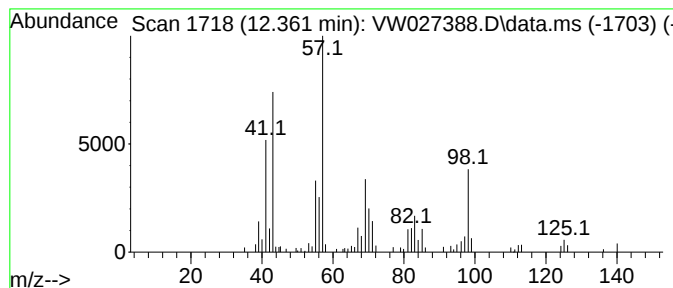
Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	3.35 ug/L	106612	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	64
2	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	53
3	Carbonic acid, heptyl vinyl ester		186	C10H18O3	1010383-25-4	47
4	2-Pentene, 3-ethyl-		98	C7H14	000816-79-5	47
5	3-Undecene, 6-methyl-, (E)-		168	C12H24	074630-52-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

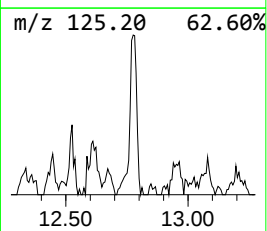
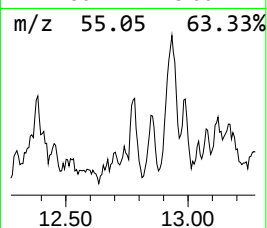
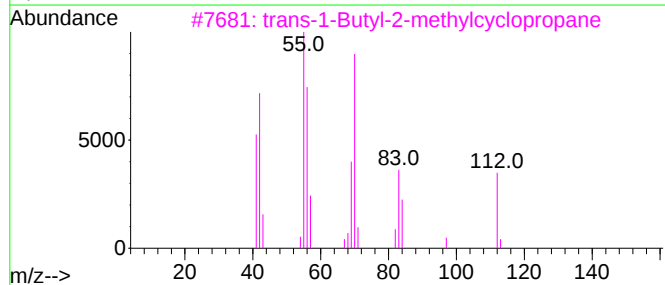
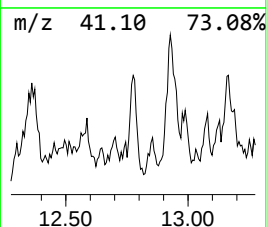
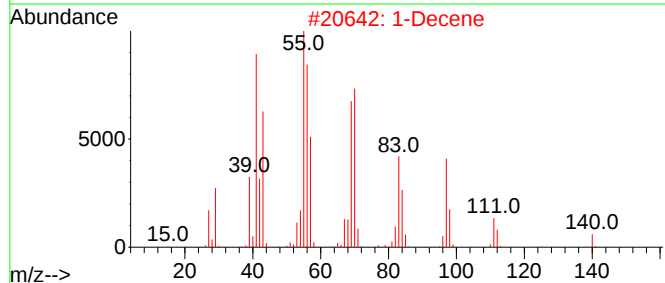
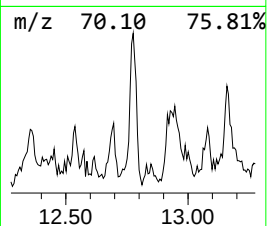
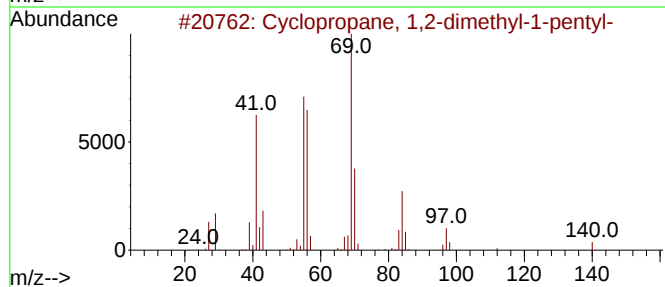
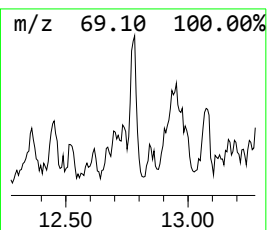
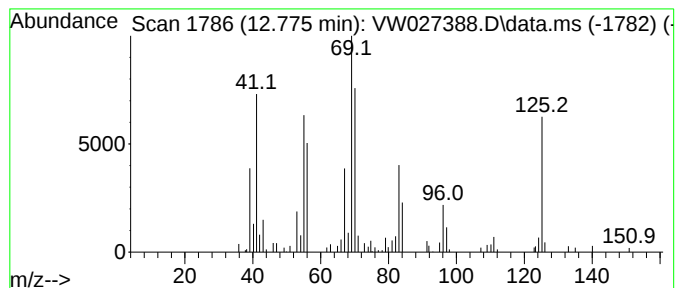
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.775 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	3.28 ug/L	54498	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38
2		1-Decene	140	C10H20	000872-05-9	38
3		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
4		2-Nonenal, (E)-	140	C9H16O	018829-56-6	35
5		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

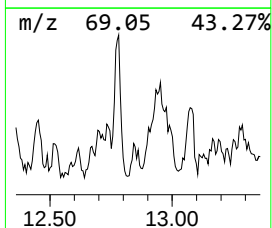
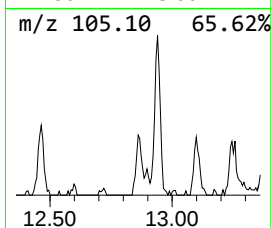
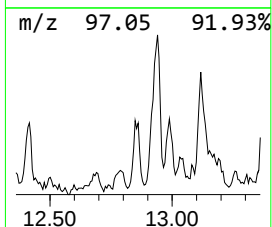
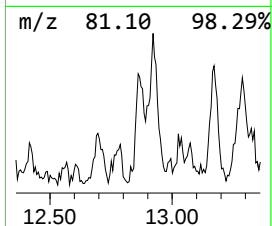
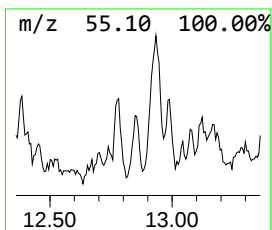
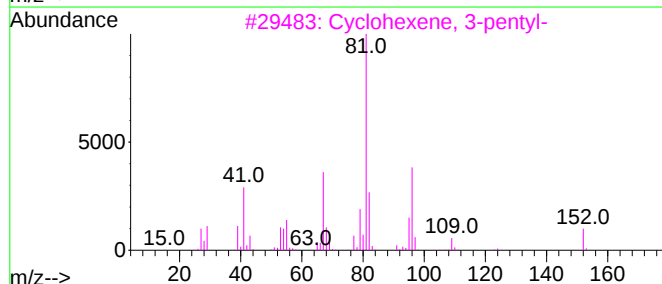
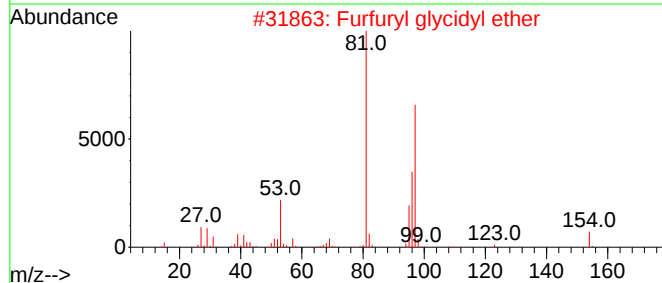
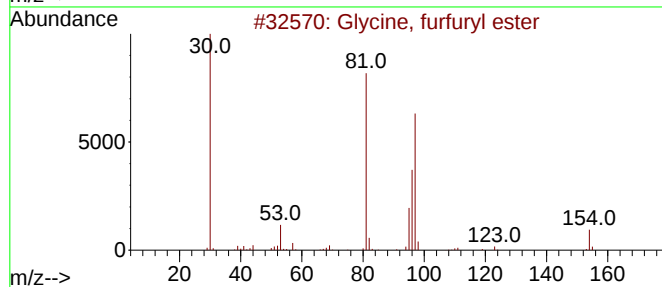
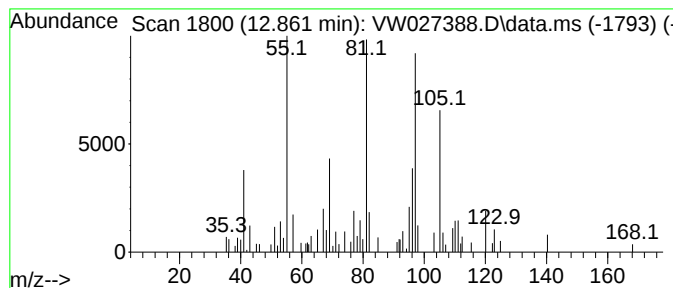
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Quant Title : SFAM01.0

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

Peak Number 13 Glycine, furfuryl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	1.84 ug/L	30640	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycine, furfuryl ester	155	C7H9NO3	1000306-78-7	64
2			Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	64
3			Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
5			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

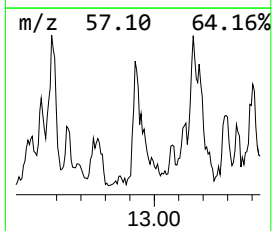
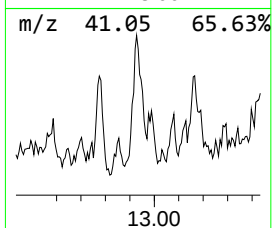
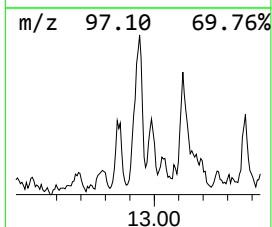
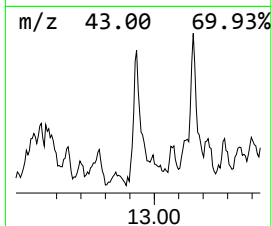
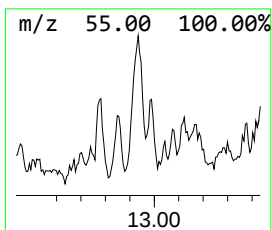
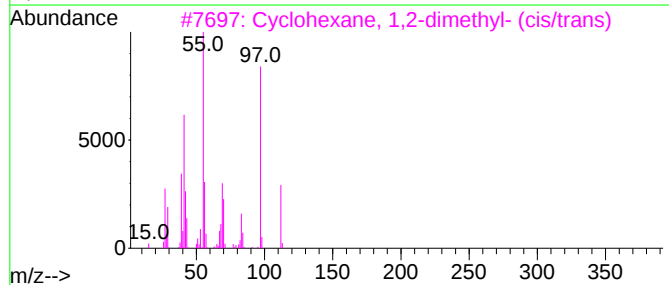
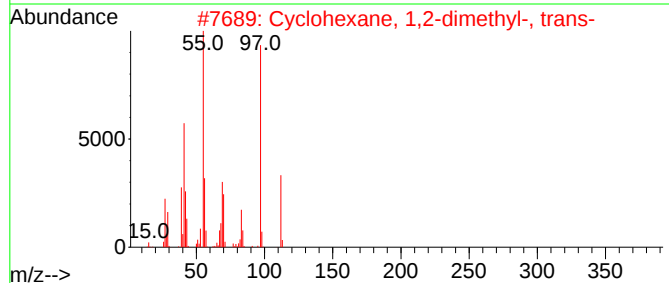
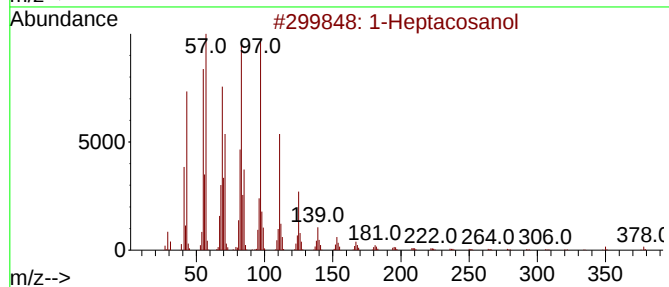
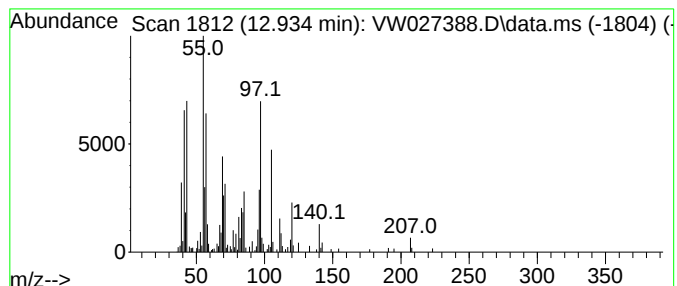
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	6.09 ug/L	101341	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	49
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	38
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	30
5			Cyclodecane	140	C10H20	000293-96-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

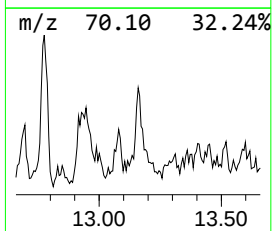
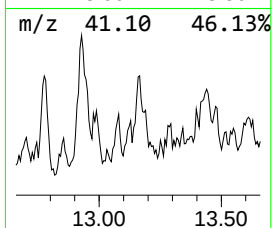
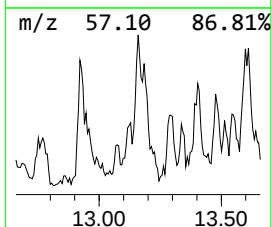
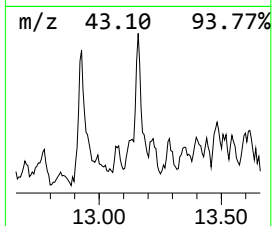
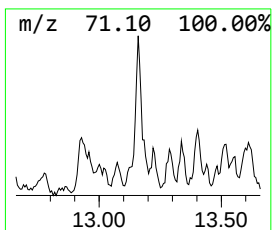
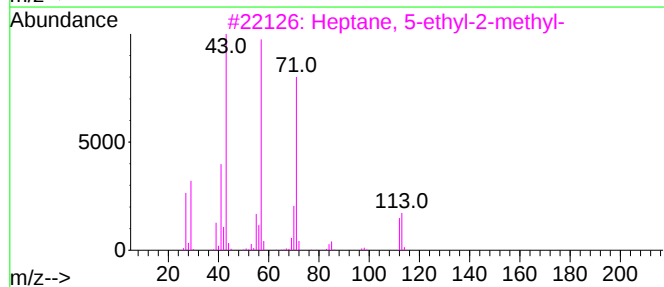
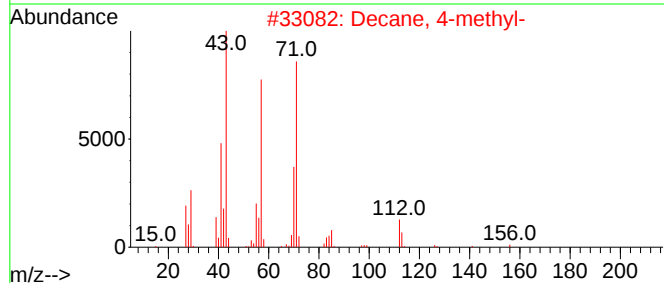
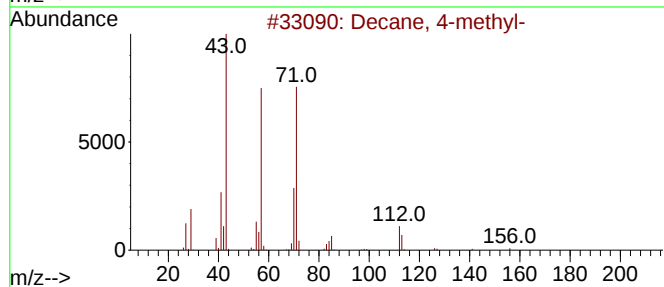
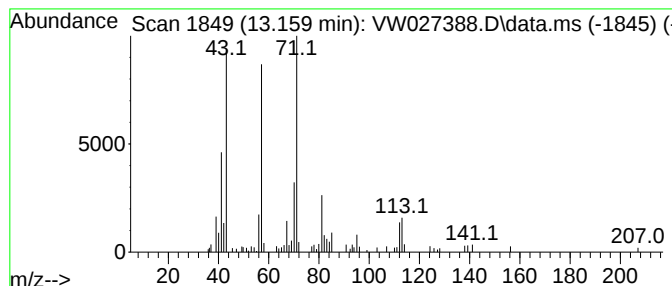
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	2.96 ug/L	49272	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	78
2			Decane, 4-methyl-	156	C11H24	002847-72-5	72
3			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

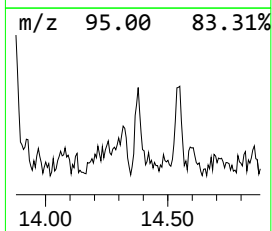
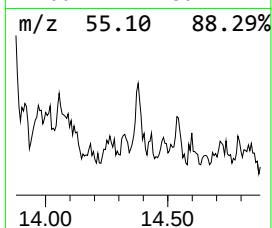
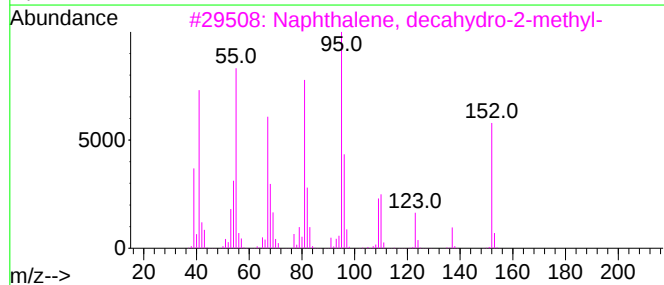
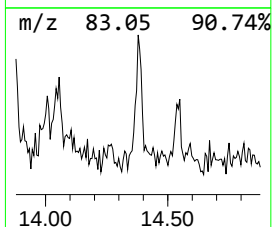
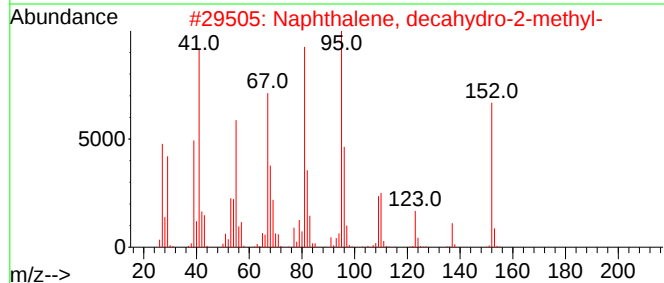
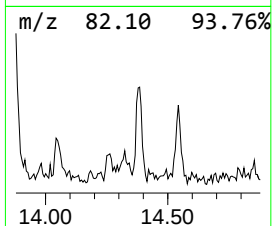
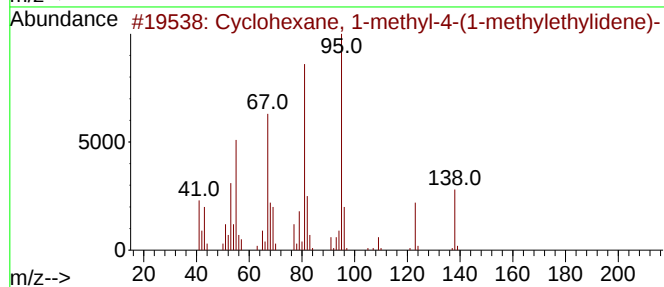
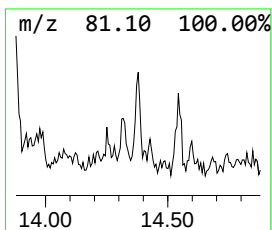
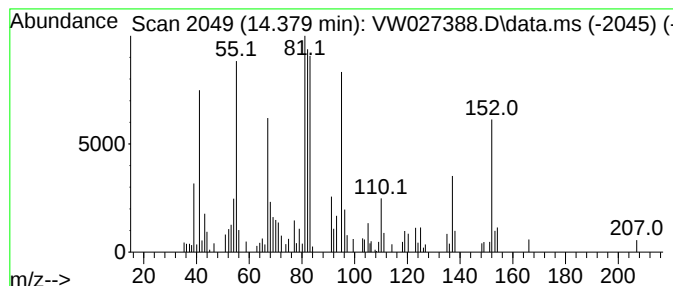
Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

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Quant Title : SFAM01.0

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

Peak Number 17 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.379	1.34 ug/L	22291	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...		138	C10H18	001124-27-2	50
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	49
3	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	46
4	(+) -Dihydrocarvone		152	C10H16O	005524-05-0	45
5	Cyclohexanone, 5-methyl-2-(1-met...		152	C10H16O	015932-80-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

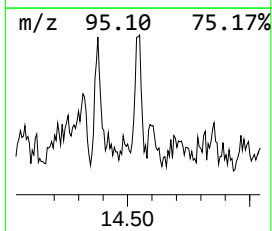
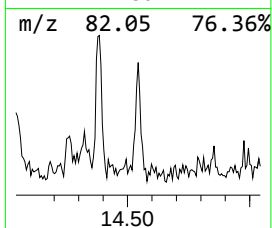
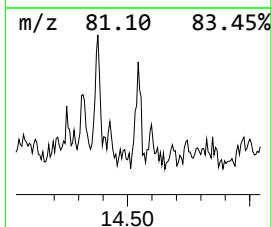
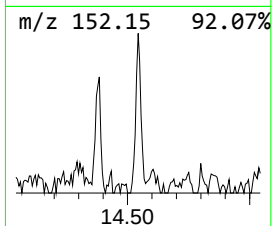
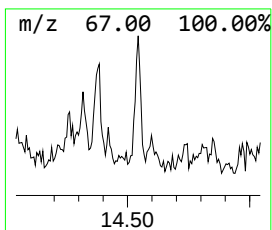
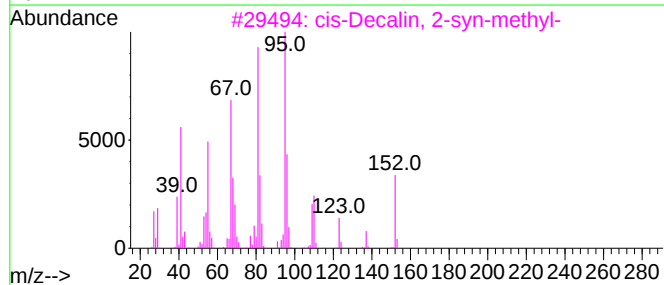
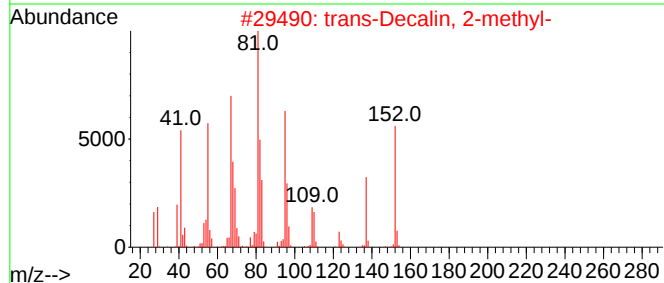
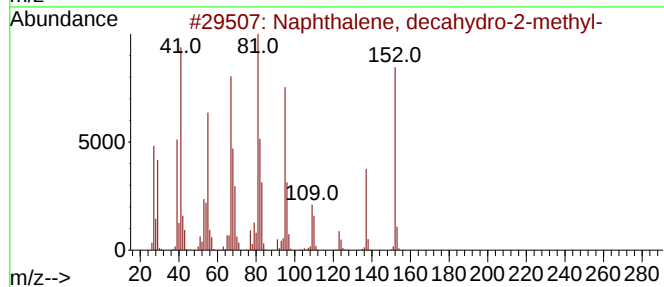
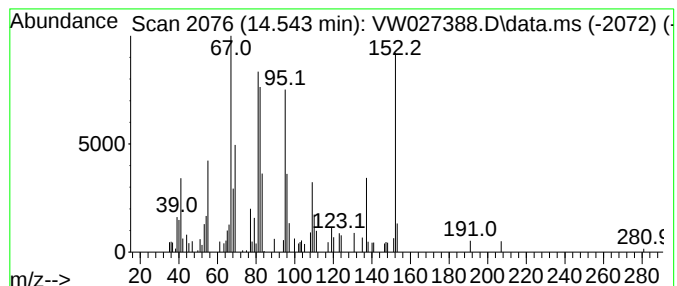
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Quant Title : SFAM01.0

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

Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	1.73 ug/L	28828	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	87
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
4			6,6-Dimethyl-cyclooct-4-enone	152	C10H16O	1000194-10-0	70
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

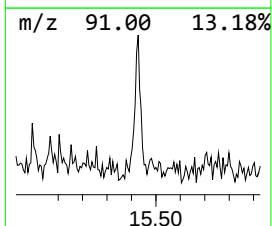
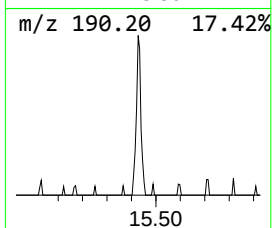
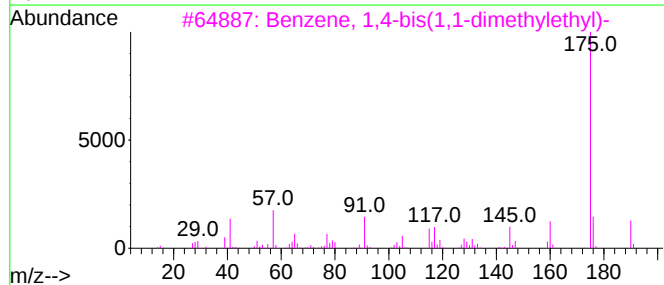
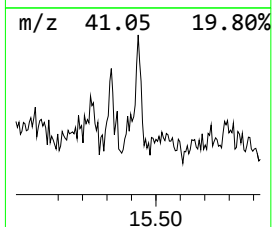
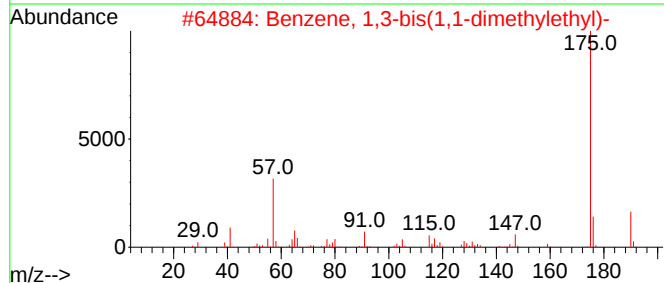
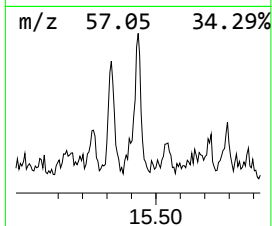
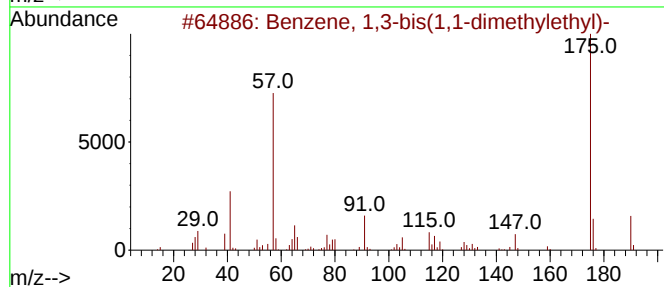
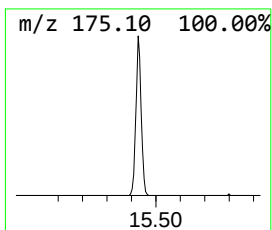
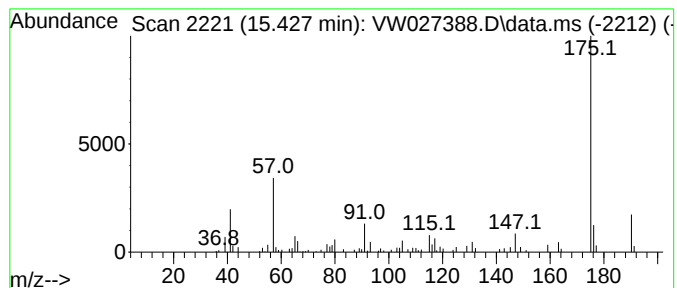
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	2.66 ug/L	44224	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74
5			Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027388.D
Acq On : 23 Oct 2023 12:22
Operator : SY/MD
Sample : 04922-04RE
Misc : 4.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAR2RE

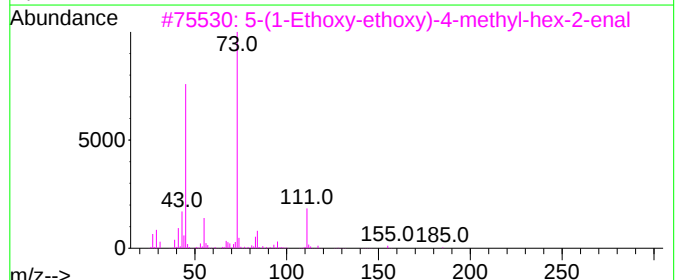
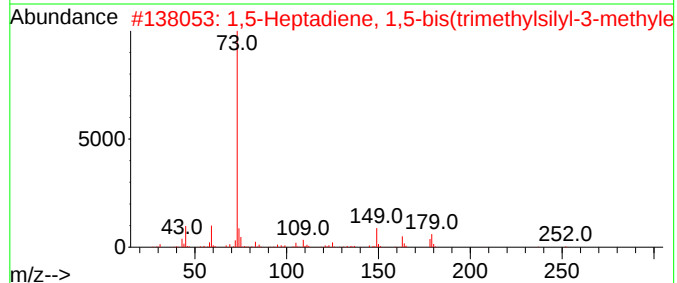
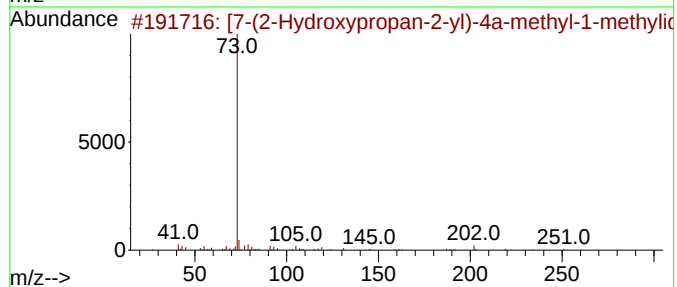
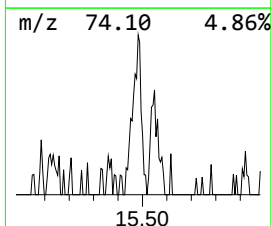
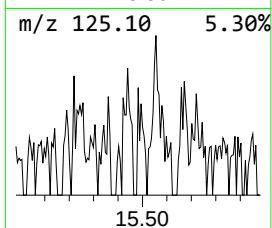
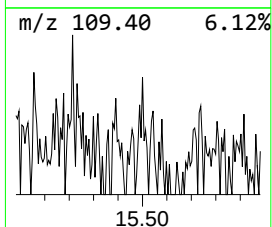
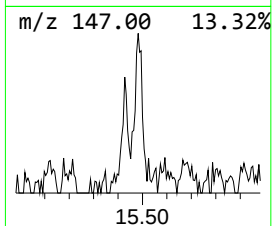
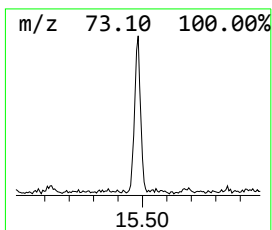
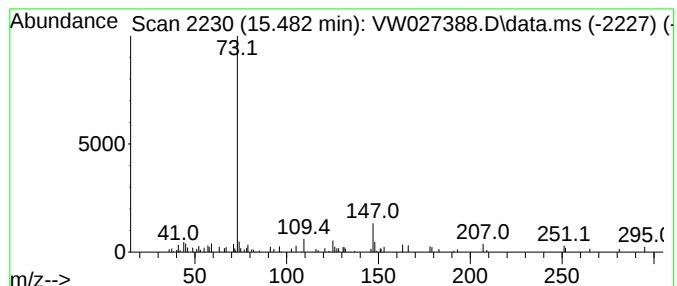
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.482	1.36 ug/L	22613	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[7-(2-Hydroxypropan-2-yl)-4a-met...	294	C18H30O3	1010502-54-4	22
2			1,5-Heptadiene, 1,5-bis(trimethy...	252	C14H28Si2	1000153-97-1	16
3			5-(1-Ethoxy-ethoxy)-4-methyl-hex...	200	C11H20O3	086845-53-6	12
4			1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	12
5			d,l-trans-4-Methyl-5-methoxy-1-(...	198	C12H22O2	124547-59-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027388.D
 Acq On : 23 Oct 2023 12:22
 Operator : SY/MD
 Sample : 04922-04RE
 Misc : 4.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAR2RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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
(DEL) Alkane: S...	3.399	1.4	ug/L	53584	1	8.843	931786	25.0
(DEL) Alkane: S...	4.960	3.3	ug/L	121906	1	8.843	931786	25.0
2-Ethyl-oxetane	5.947	1.6	ug/L	58194	1	8.843	931786	25.0
(DEL) Alkane: S...	8.477	2.9	ug/L	108078	1	8.843	931786	25.0
(DEL) Alkane: S...	9.892	1.3	ug/L	49164	1	8.843	931786	25.0
2-Pentanone, 4,...	10.825	10.9	ug/L	347032	2	11.629	796764	25.0
2,2,4-Trimethyl...	11.532	2.5	ug/L	81369	2	11.629	796764	25.0
(DEL) Alkane: C...	12.135	1.9	ug/L	60961	2	11.629	796764	25.0
(DEL) Alkane: S...	12.361	3.4	ug/L	106612	2	11.629	796764	25.0
(DEL) Alkane: C...	12.775	3.3	ug/L	54498	3	13.556	415718	25.0
Glycine, furfur...	12.861	1.8	ug/L	30640	3	13.556	415718	25.0
unknown-01	12.934	6.1	ug/L	101341	3	13.556	415718	25.0
(DEL) Alkane: S...	13.159	3.0	ug/L	49272	3	13.556	415718	25.0
Cyclohexane, 1-...	14.379	1.3	ug/L	22291	3	13.556	415718	25.0
Naphthalene, de...	14.543	1.7	ug/L	28828	3	13.556	415718	25.0
Benzene, 1,3-bi...	15.427	2.7	ug/L	44224	3	13.556	415718	25.0
unknown-02	15.482	1.4	ug/L	22613	3	13.556	415718	25.0