

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079882.D
 Acq On : 24 Sep 2024 17:39
 Operator : RP/MD
 Sample : P4162-06
 Misc : 5.01G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4ES5

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_D\Method\SFAMDLM091024SMA.M
 Title : SFAM01.0

Signal : TIC: VD079882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	19	27	41	rBV	1626369	2457317	100.00%	38.127%
2	1.893	49	52	62	rVB4	10817	18765	0.76%	0.291%
3	2.075	81	83	84	rBV	1240	844	0.03%	0.013%
4	2.275	110	117	124	rBV	159573	236901	9.64%	3.676%
5	2.422	137	142	151	rVB	27590	46378	1.89%	0.720%
6	2.734	191	195	200	rVB	9174	14216	0.58%	0.221%
7	2.805	200	207	214	rBV	123908	229855	9.35%	3.566%
8	3.216	276	277	280	rVB	1060	609	0.02%	0.009%
9	3.281	285	288	290	rBV	892	1024	0.04%	0.016%
10	3.428	310	313	315	rBV	589	532	0.02%	0.008%
11	3.534	329	331	335	rVB2	414	491	0.02%	0.008%
12	3.622	343	346	350	rVV	759	1136	0.05%	0.018%
13	3.763	367	370	371	rBV2	680	720	0.03%	0.011%
14	3.834	378	382	386	rVB2	478	648	0.03%	0.010%
15	3.916	386	396	407	rBV2	80401	211630	8.61%	3.284%
16	4.022	407	414	424	rVV2	20749	52917	2.15%	0.821%
17	4.434	482	484	487	rBV2	422	561	0.02%	0.009%
18	4.587	509	510	513	rVB2	622	556	0.02%	0.009%
19	4.634	515	518	521	rBV	356	602	0.02%	0.009%
20	4.805	534	547	559	rBV2	28033	88945	3.62%	1.380%
21	5.063	590	591	594	rBV2	445	497	0.02%	0.008%
22	5.140	602	604	606	rBV	802	683	0.03%	0.011%
23	5.281	627	628	632	rBV2	858	886	0.04%	0.014%
24	5.581	676	679	681	rVB	497	490	0.02%	0.008%
25	5.681	686	696	707	rBV4	5419	18122	0.74%	0.281%
26	5.810	717	718	721	rBV	846	773	0.03%	0.012%
27	5.834	721	722	725	rBV	729	817	0.03%	0.013%
28	6.140	772	774	777	rBV2	497	651	0.03%	0.010%
29	6.722	870	873	877	rVB2	707	1095	0.04%	0.017%
30	6.846	891	894	895	rBV	564	513	0.02%	0.008%
31	6.881	898	900	904	rVV2	685	759	0.03%	0.012%
32	6.987	907	918	927	rBV2	11716	36833	1.50%	0.571%
33	7.087	928	935	942	rBV2	7531	22166	0.90%	0.344%
34	7.228	955	959	960	rBV	547	513	0.02%	0.008%
35	7.252	960	963	964	rVB	812	645	0.03%	0.010%
36	7.446	994	996	999	rVB2	619	530	0.02%	0.008%

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ClientSampleId :
A4ES5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Title : SFAM01.0

37	7.569	1007	1017	1030	rBV2	101537	263925	10.74%	4.095%
38	7.751	1046	1048	1050	rBV2	757	633	0.03%	0.010%
39	8.069	1100	1102	1106	rVB2	784	1047	0.04%	0.016%
40	8.204	1115	1125	1140	rBV3	198659	599298	24.39%	9.299%
41	8.322	1143	1145	1146	rBV2	818	551	0.02%	0.009%
42	8.434	1163	1164	1167	rBV2	801	872	0.04%	0.014%
43	8.546	1181	1183	1186	rVB2	591	512	0.02%	0.008%
44	8.628	1196	1197	1198	rBV	1225	723	0.03%	0.011%
45	8.775	1214	1222	1234	rBV	202984	421336	17.15%	6.537%
46	8.922	1245	1247	1249	rVB	864	583	0.02%	0.009%
47	9.063	1270	1271	1273	rBV2	909	586	0.02%	0.009%
48	9.210	1288	1296	1304	rBV	133322	281282	11.45%	4.364%
49	9.340	1316	1318	1319	rBV	1143	604	0.02%	0.009%
50	9.357	1319	1321	1325	rVB	1313	1249	0.05%	0.019%
51	9.446	1334	1336	1339	rVB	707	661	0.03%	0.010%
52	9.481	1339	1342	1344	rBV2	572	566	0.02%	0.009%
53	9.540	1349	1352	1353	rBV2	640	619	0.03%	0.010%
54	9.551	1353	1354	1357	rVB2	1317	965	0.04%	0.015%
55	9.693	1374	1378	1379	rBV2	1614	1534	0.06%	0.024%
56	9.828	1400	1401	1402	rVV	840	514	0.02%	0.008%
57	9.845	1402	1404	1406	rVV2	1454	1022	0.04%	0.016%
58	9.975	1420	1426	1433	rBV	58040	105798	4.31%	1.642%
59	10.216	1465	1467	1469	rBV2	504	545	0.02%	0.008%
60	10.269	1469	1476	1486	rBV	209721	370404	15.07%	5.747%
61	10.428	1501	1503	1504	rBV	1249	994	0.04%	0.015%
62	10.522	1513	1519	1525	rBV	34998	63429	2.58%	0.984%
63	10.604	1531	1533	1538	rVV4	2156	2941	0.12%	0.046%
64	10.669	1540	1544	1546	rVB3	1975	2382	0.10%	0.037%
65	10.775	1558	1562	1563	rBV2	530	525	0.02%	0.008%
66	10.804	1563	1567	1569	rVB3	1036	1310	0.05%	0.020%
67	10.828	1569	1571	1573	rVB	1058	493	0.02%	0.008%
68	10.875	1573	1579	1586	rBV	50354	92546	3.77%	1.436%
69	10.945	1589	1591	1592	rBV2	776	569	0.02%	0.009%
70	10.963	1592	1594	1595	rBV	1230	528	0.02%	0.008%
71	10.992	1595	1599	1600	rBV3	3049	3413	0.14%	0.053%
72	11.057	1607	1610	1613	rBV	1510	1387	0.06%	0.022%
73	11.087	1613	1615	1616	rVV	994	868	0.04%	0.013%
74	11.122	1619	1621	1626	rVV3	4912	7179	0.29%	0.111%
75	11.181	1626	1631	1636	rVB4	9321	15884	0.65%	0.246%
76	11.287	1646	1649	1654	rVB3	4224	5906	0.24%	0.092%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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 Title : SFAM01.0

77	11.328	1654	1656	1660	rVV3	1226	1769	0.07%	0.027%
78	11.387	1662	1666	1672	rVB5	3636	6271	0.26%	0.097%
79	11.463	1675	1679	1682	rVB2	1444	2321	0.09%	0.036%
80	11.581	1692	1699	1709	rBV	177663	301907	12.29%	4.684%
81	11.716	1720	1722	1726	rVB3	1826	2496	0.10%	0.039%
82	11.757	1726	1729	1730	rBV2	2641	3065	0.12%	0.048%
83	11.828	1738	1741	1744	rBV4	5666	7505	0.31%	0.116%
84	11.934	1753	1759	1761	rBV3	1461	2134	0.09%	0.033%
85	11.992	1764	1769	1770	rBV2	1699	1543	0.06%	0.024%
86	12.087	1780	1785	1795	rBV9	8339	20582	0.84%	0.319%
87	12.151	1795	1796	1798	rBV2	2224	1497	0.06%	0.023%
88	12.257	1811	1814	1815	rBV3	2587	3023	0.12%	0.047%
89	12.563	1860	1866	1868	rBV4	3971	7421	0.30%	0.115%
90	12.651	1874	1881	1888	rBV	53269	93590	3.81%	1.452%
91	12.816	1903	1909	1912	rBV7	6492	11789	0.48%	0.183%
92	12.892	1916	1922	1929	rVV6	11383	29780	1.21%	0.462%
93	13.516	2022	2028	2033	rBV	69635	114581	4.66%	1.778%
94	13.810	2073	2078	2088	rBV2	44712	100411	4.09%	1.558%
95	14.351	2165	2170	2175	rBV5	6976	13565	0.55%	0.210%
96	14.563	2204	2206	2208	rBV2	2264	2552	0.10%	0.040%
97	15.686	2395	2397	2398	rBV	2206	804	0.03%	0.012%
98	15.839	2421	2423	2424	rBV2	2851	1033	0.04%	0.016%
99	16.251	2489	2493	2497	rBV5	4237	7389	0.30%	0.115%
100	16.363	2510	2512	2514	rVB3	2030	1194	0.05%	0.019%

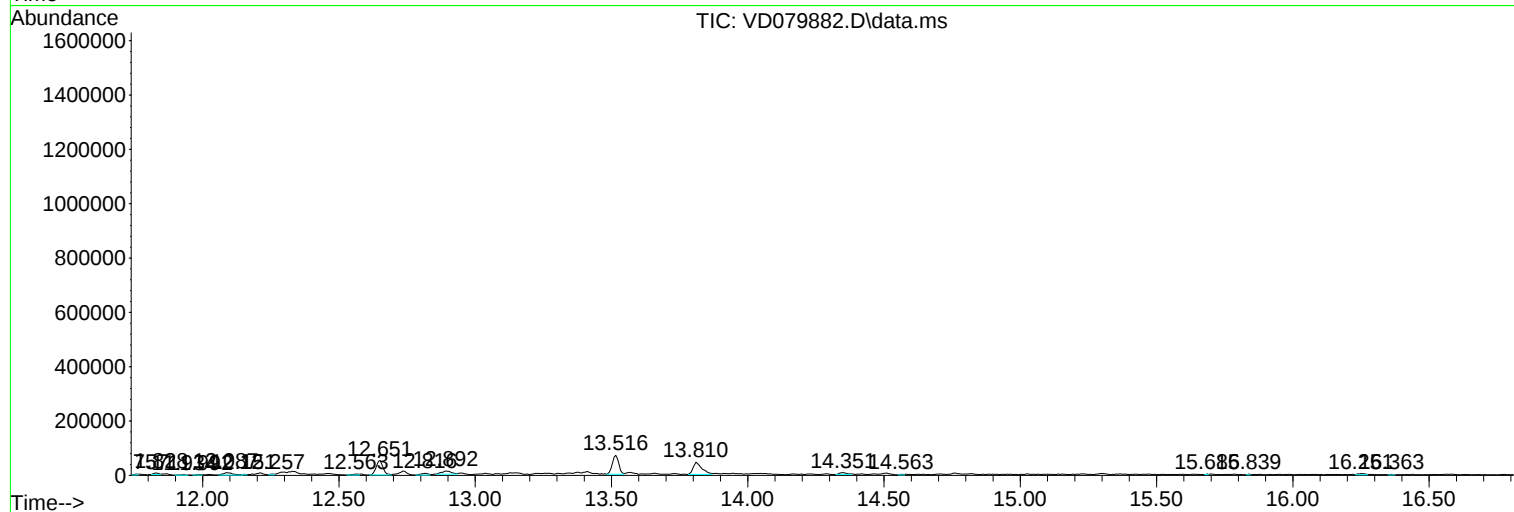
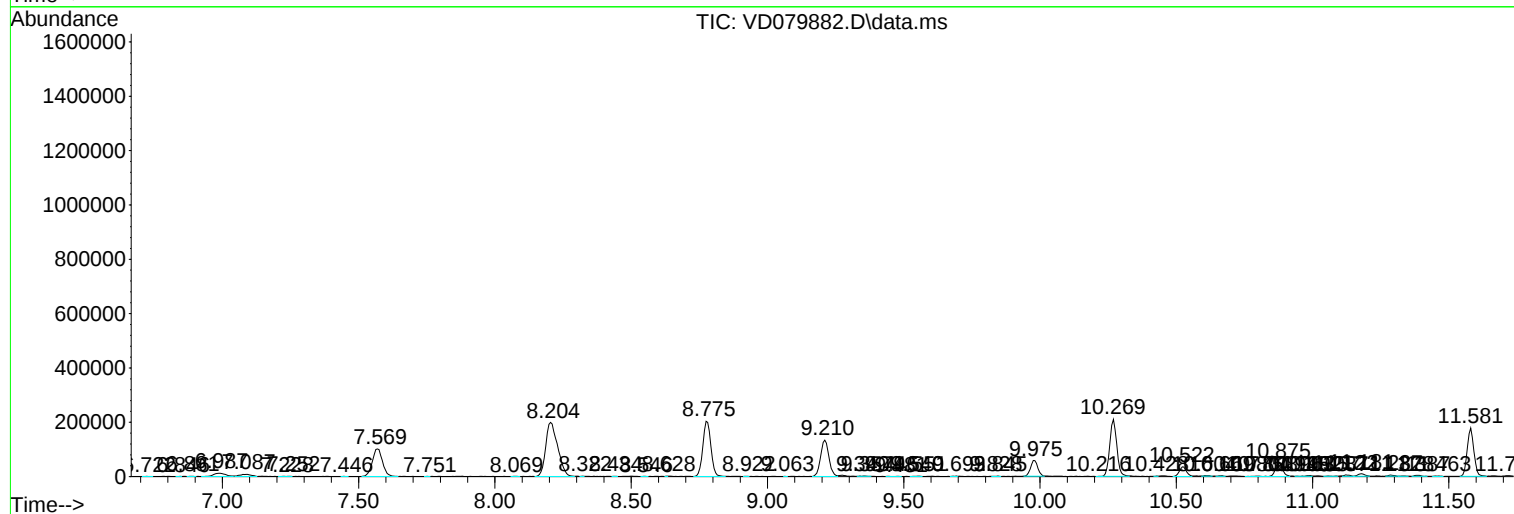
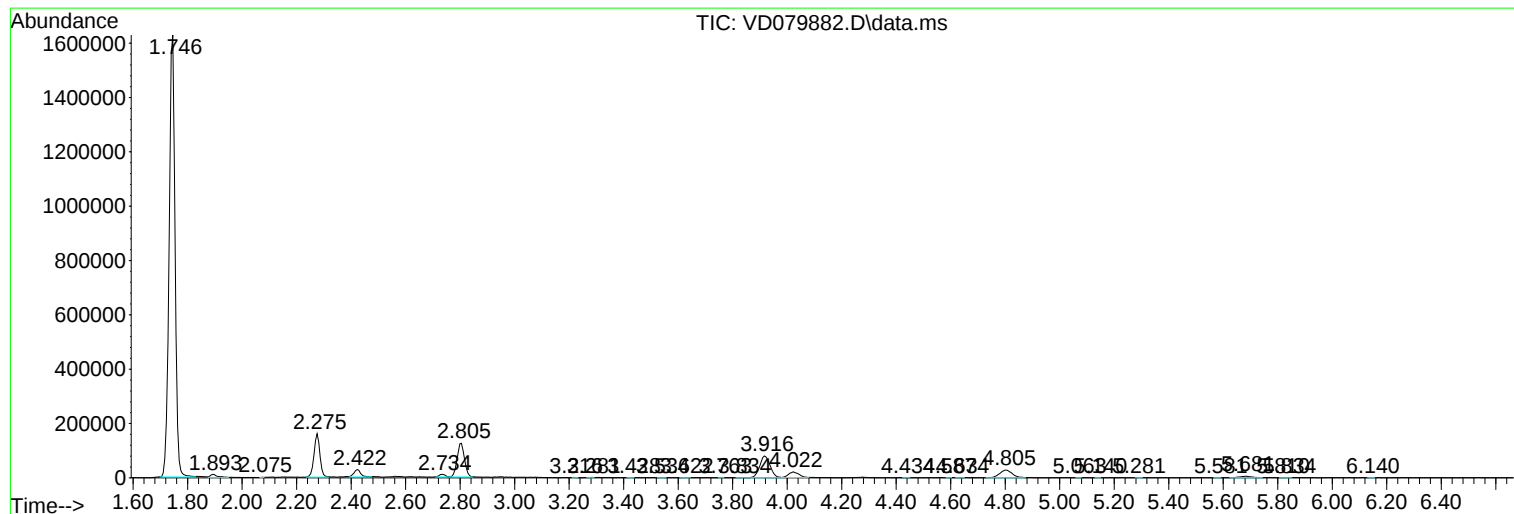
Sum of corrected areas: 6445025

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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



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Misc : 5.01G/10ml/MSVOA_D/SOIL/A
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Instrument :
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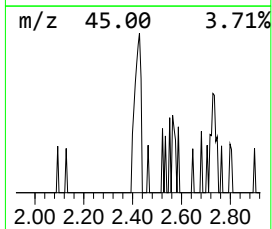
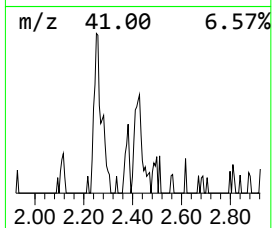
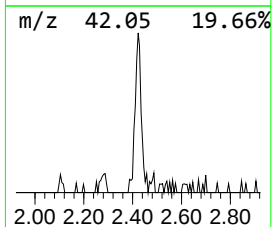
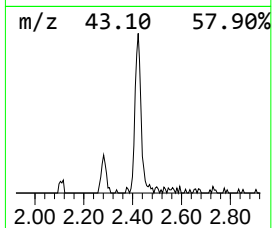
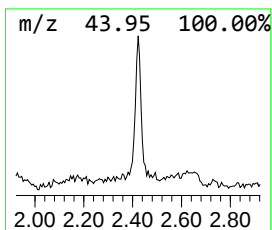
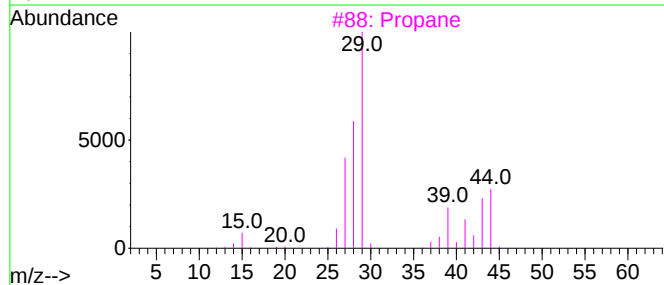
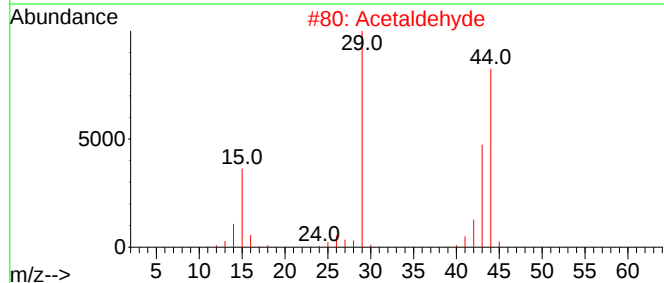
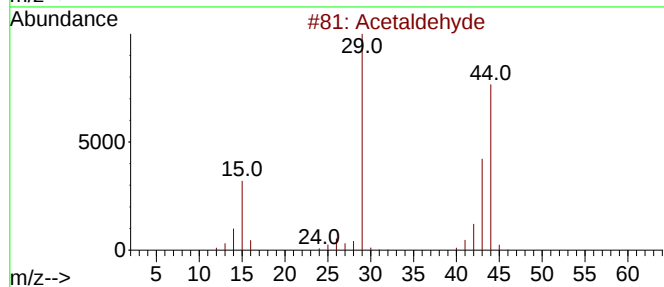
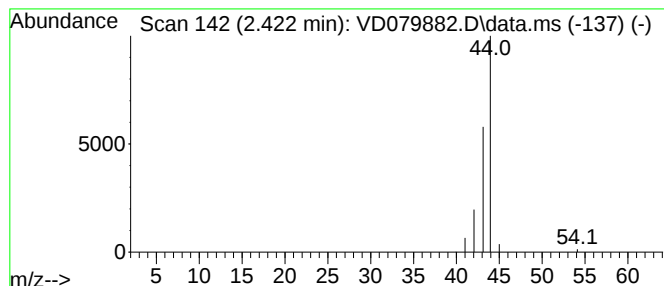
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	2.75 ug/L	46378	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Propane	44	C3H8	000074-98-6	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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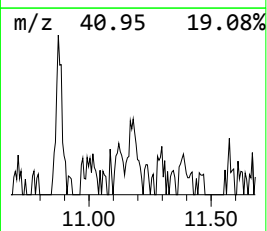
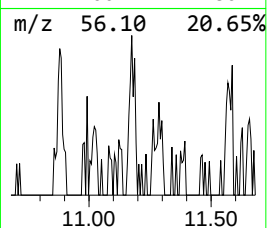
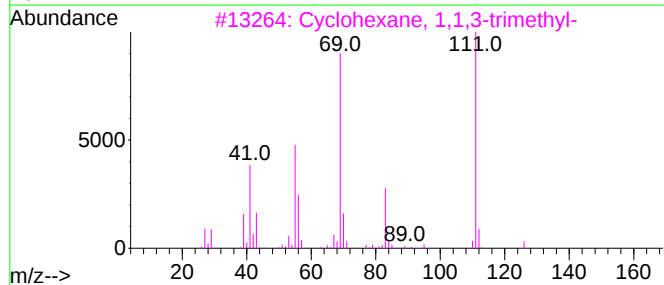
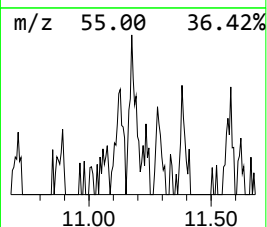
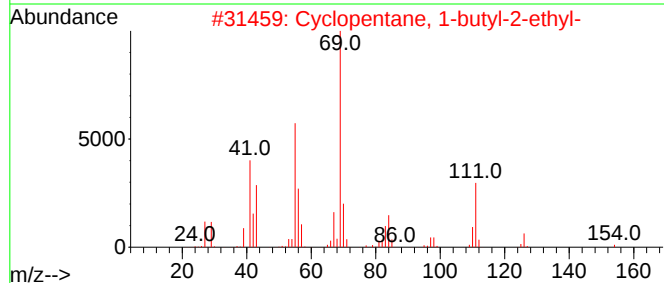
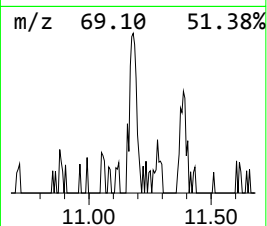
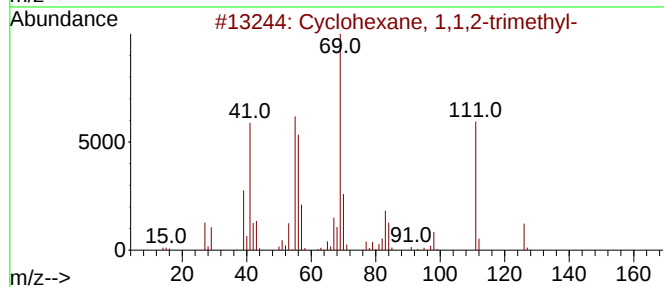
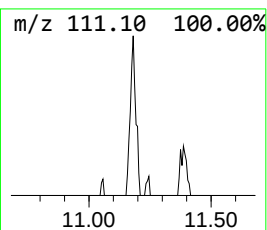
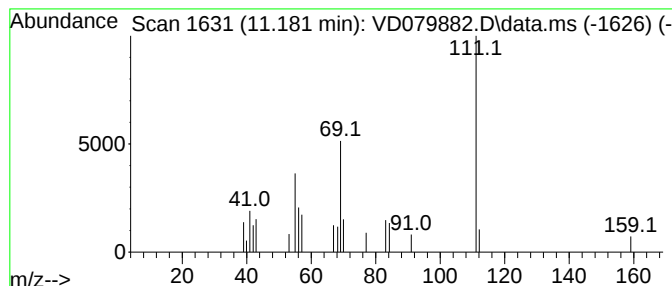
Instrument :
MSVOA_D
ClientSampleId :
A4ES5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.181 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.181	1.32 ug/L	15884	Chlorobenzene-d5		11.581	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	83
2	Cyclopentane, 1-butyl-2-ethyl-		154	C11H22	072993-32-9	78
3	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	72
4	Cyclooctane, butyl-		168	C12H24	016538-93-5	64
5	Cytosine		111	C4H5N3O	000071-30-7	59



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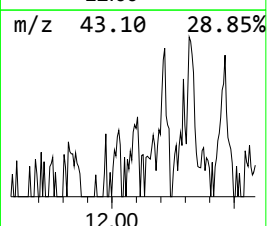
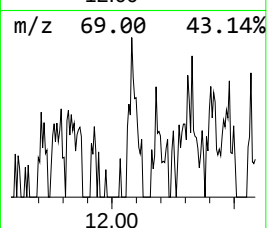
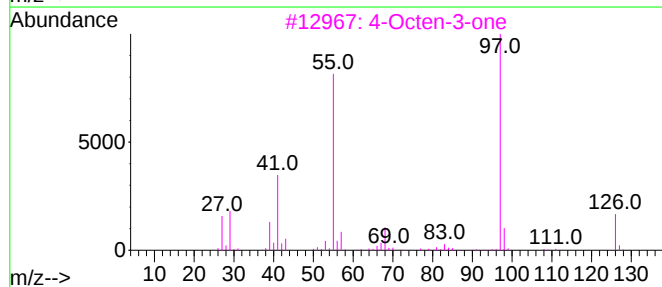
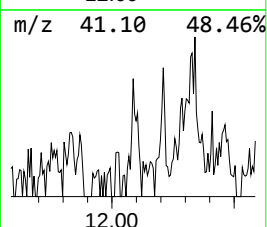
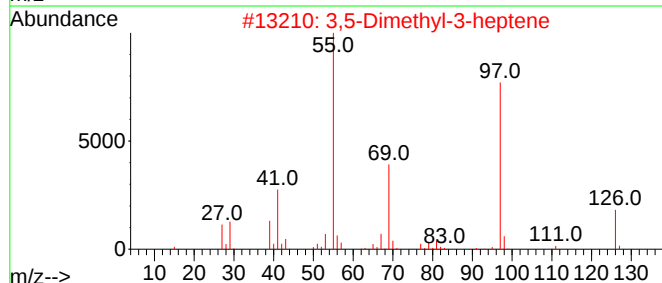
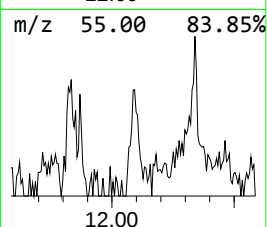
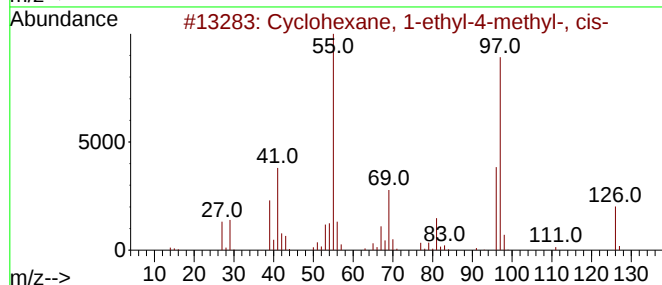
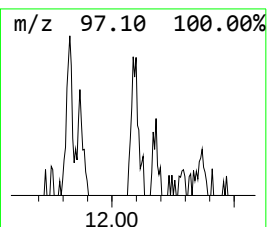
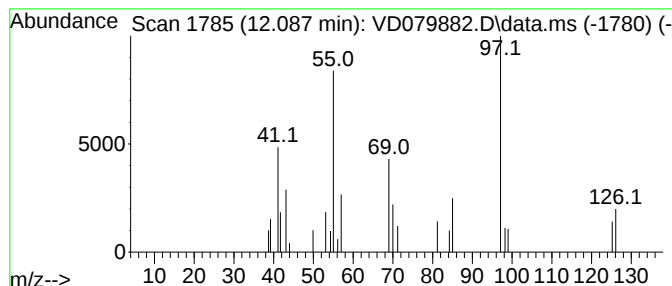
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.087 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	1.70 ug/L	20582	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50
3			4-Octen-3-one	126	C8H14O	014129-48-7	50
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079882.D
Acq On : 24 Sep 2024 17:39
Operator : RP/MD
Sample : P4162-06
Misc : 5.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES5

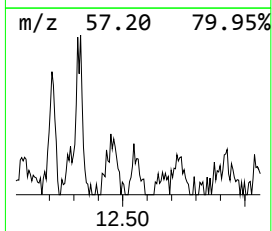
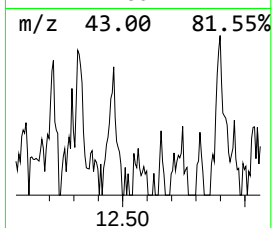
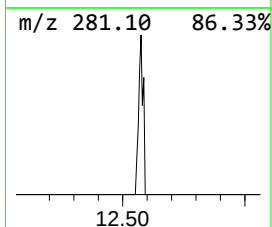
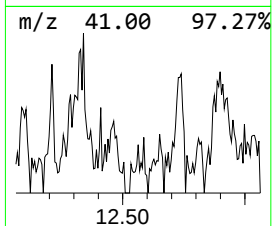
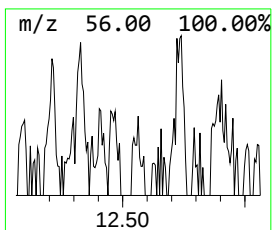
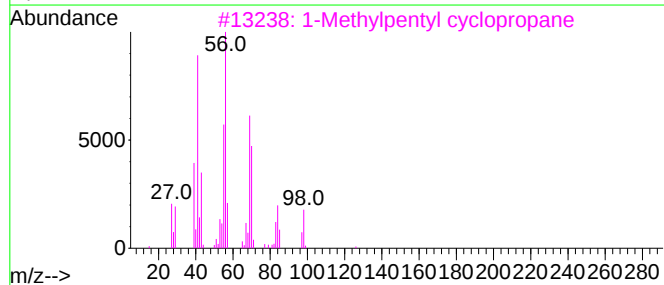
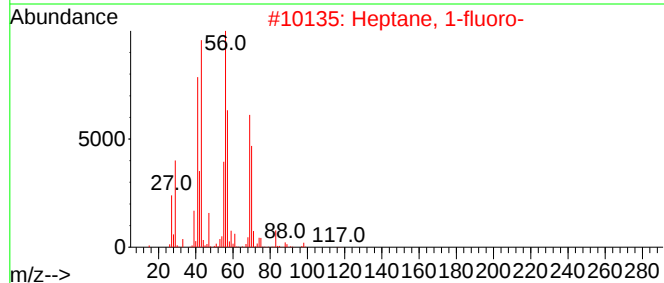
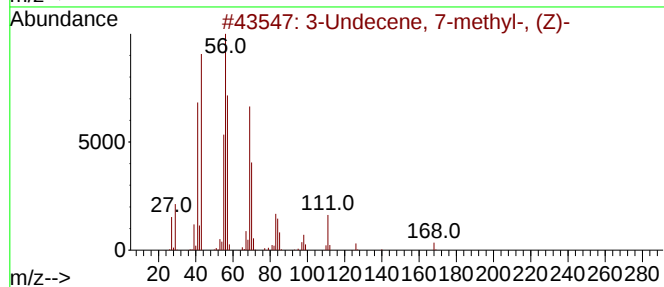
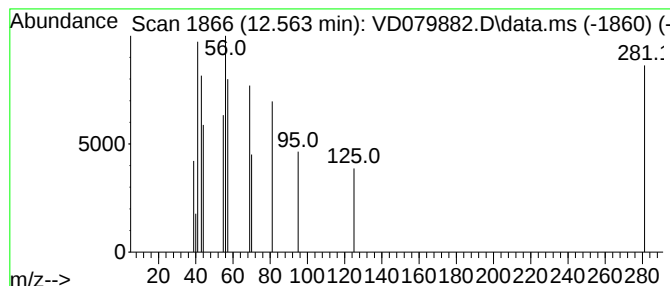
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	1.62 ug/L	7421	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	35
2			Heptane, 1-fluoro-	118	C7H15F	000661-11-0	35
3			1-Methylpentyl cyclopropane	126	C9H18	006976-28-9	32
4			Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	25
5			1,2,4-Trioxolane-2-octanoic acid...	344	C19H36O5	055398-23-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079882.D
Acq On : 24 Sep 2024 17:39
Operator : RP/MD
Sample : P4162-06
Misc : 5.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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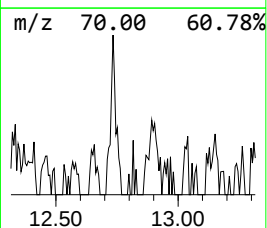
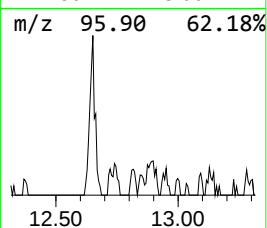
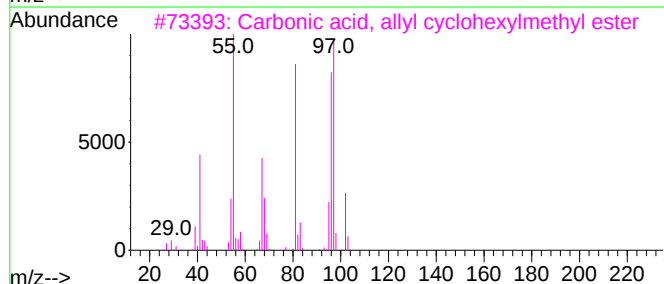
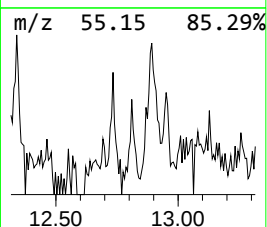
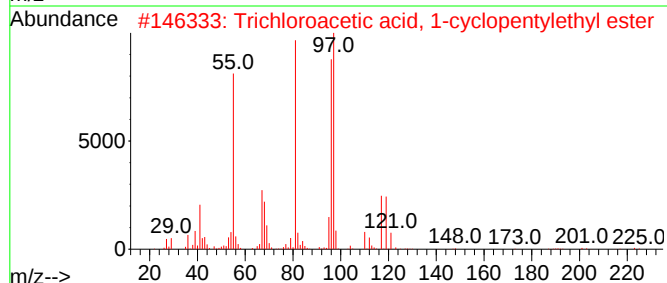
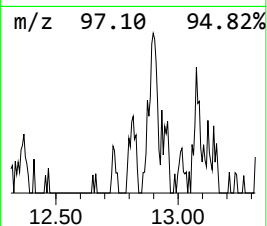
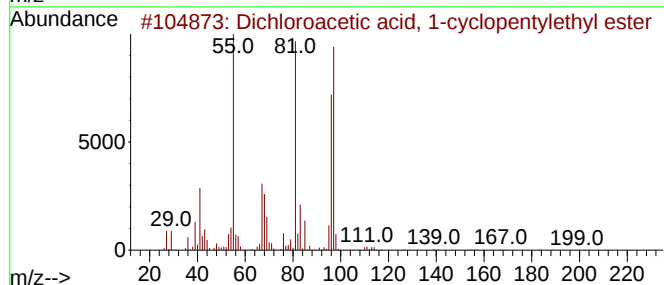
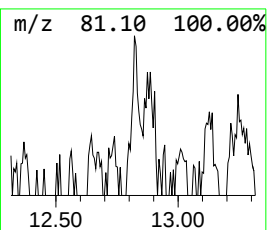
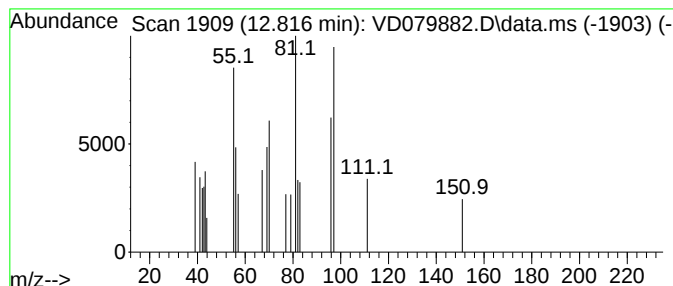
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	2.57 ug/L	11789	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1010282-56-3	43
2			Trichloroacetic acid, 1-cyclopent...	258	C9H13Cl3O2	1000282-57-1	38
3			Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	37
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	35
5			1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079882.D
Acq On : 24 Sep 2024 17:39
Operator : RP/MD
Sample : P4162-06
Misc : 5.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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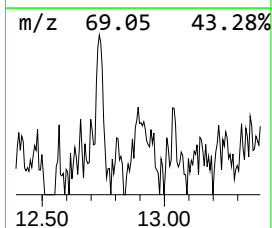
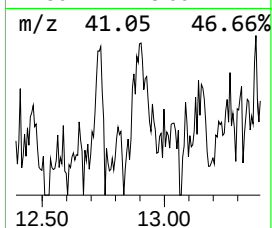
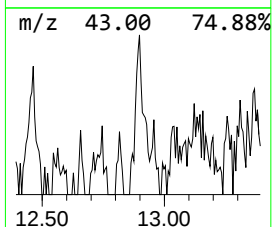
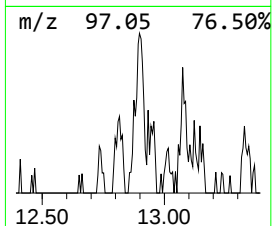
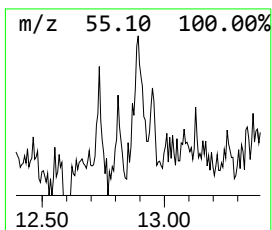
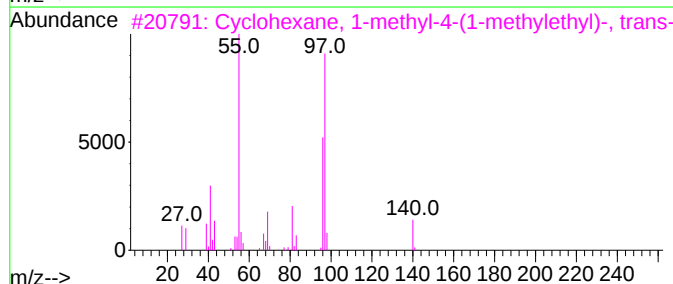
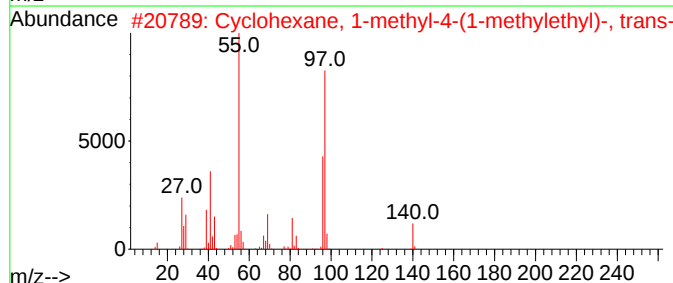
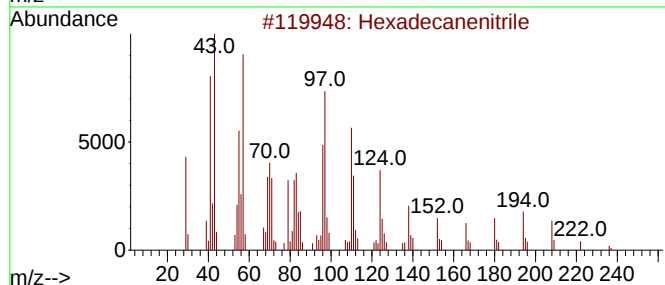
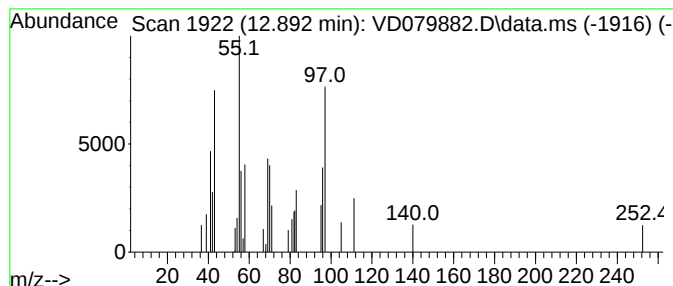
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	6.50 ug/L	29780	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanenitrile	237	C16H31N	000629-79-8	47
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079882.D
Acq On : 24 Sep 2024 17:39
Operator : RP/MD
Sample : P4162-06
Misc : 5.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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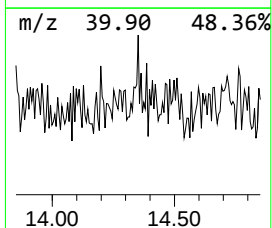
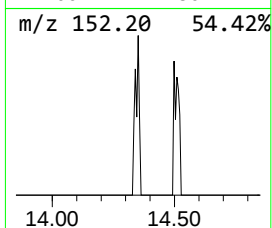
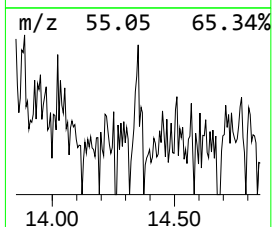
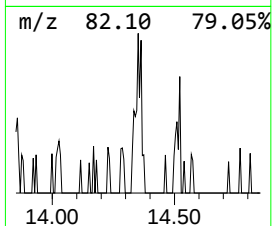
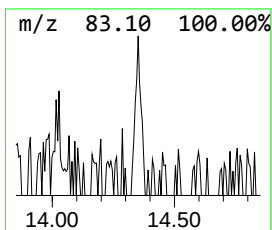
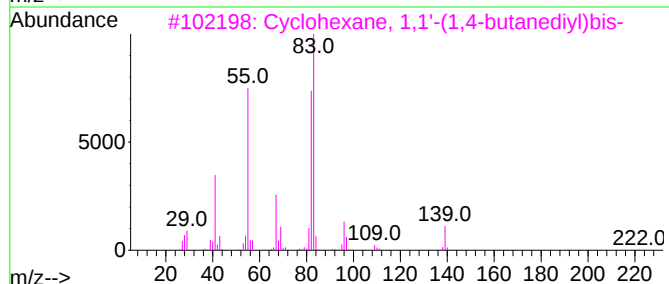
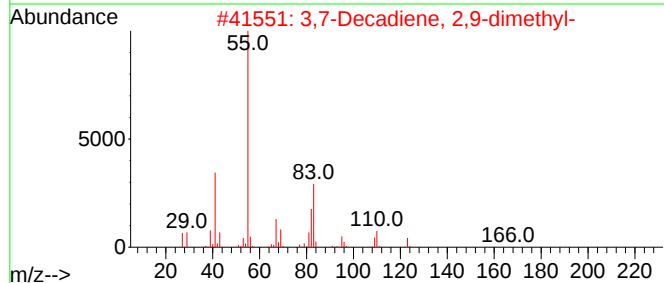
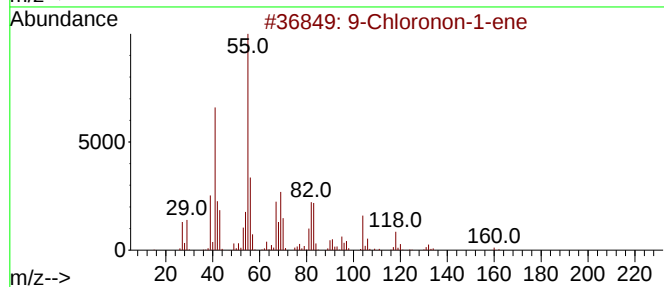
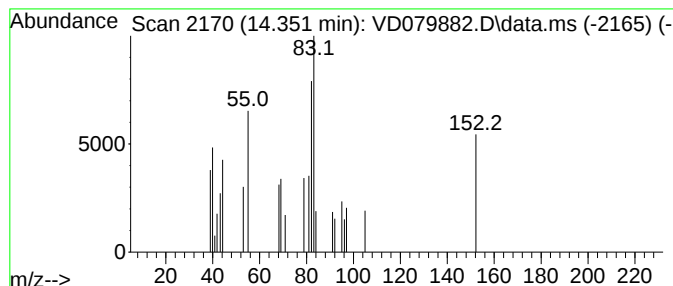
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	2.96 ug/L	13565	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Chloronon-1-ene	160	C9H17Cl	000872-06-0	38
2			3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	28
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	25
4			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	23
5			4-(4-Bromo-1H-pyrazol-1-yl)piper...	229	C8H12BrN3	877399-60-5	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079882.D
Acq On : 24 Sep 2024 17:39
Operator : RP/MD
Sample : P4162-06
Misc : 5.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES5

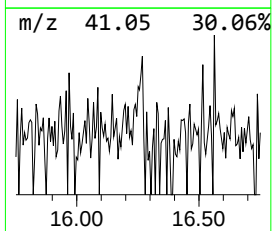
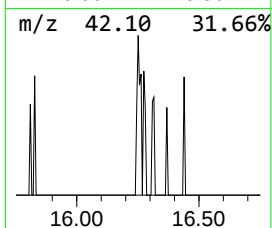
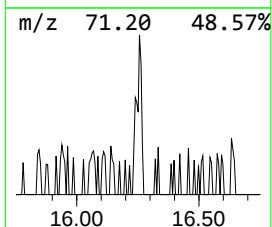
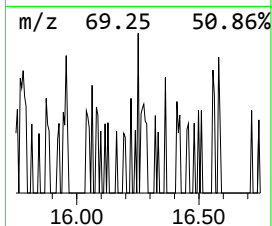
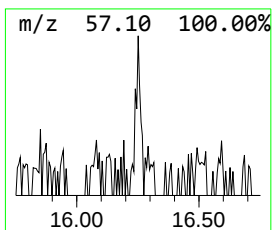
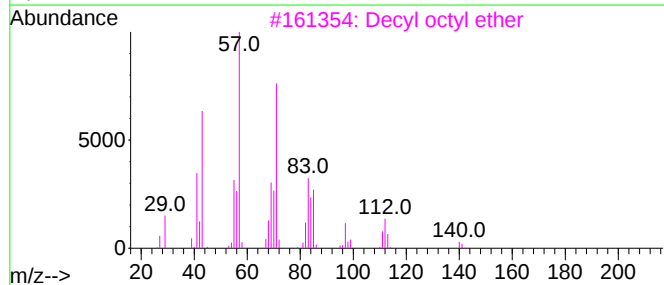
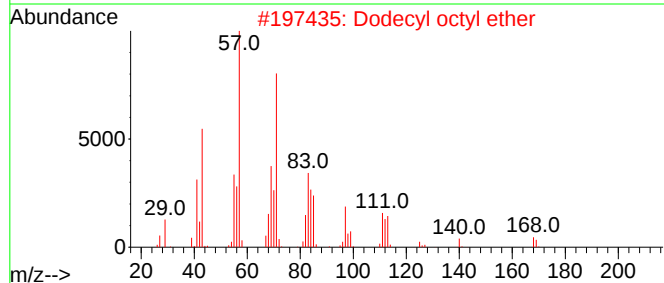
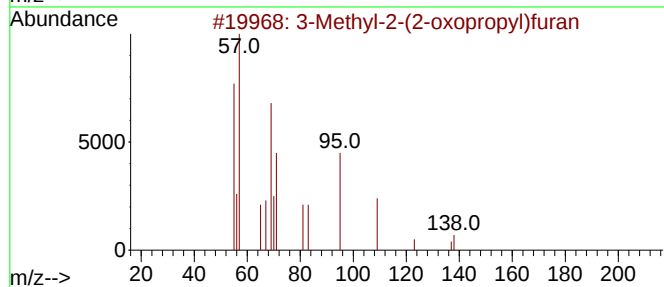
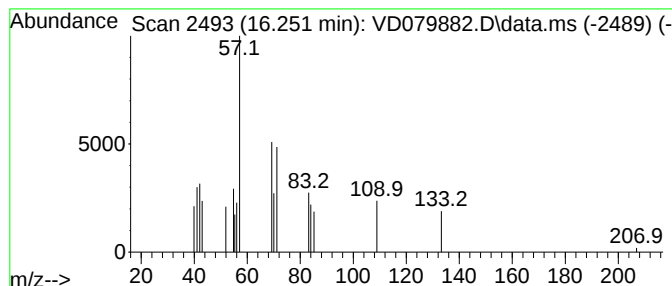
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.251	1.61 ug/L	7389	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	33
2		Dodecyl octyl ether	298	C20H42O	1000406-38-4	32
3		Decyl octyl ether	270	C18H38O	1000406-38-3	32
4		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	32
5		Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
Data File : VD079882.D
Acq On : 24 Sep 2024 17:39
Operator : RP/MD
Sample : P4162-06
Misc : 5.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.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
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(DEL) Alkane: C...	11.181	1.3	ug/L	15884	2	11.581	301907	25.0
(DEL) Alkane: C...	12.087	1.7	ug/L	20582	2	11.581	301907	25.0
(DEL) Alkane: S...	12.563	1.6	ug/L	7421	3	13.516	114581	25.0
unknown-01	12.816	2.6	ug/L	11789	3	13.516	114581	25.0
unknown-02	12.892	6.5	ug/L	29780	3	13.516	114581	25.0
unknown-03	14.351	3.0	ug/L	13565	3	13.516	114581	25.0
unknown-04	16.251	1.6	ug/L	7389	3	13.516	114581	25.0