

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076622.D
 Acq On : 28 Jun 2023 17:56
 Operator : KP/SY
 Sample : 03422-22
 Misc : 4.50G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46G1

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\SFAMDLM061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	19	25	35	rVB	218012	393174	100.00%	36.504%
2	1.887	50	51	56	rVB2	3677	3226	0.82%	0.300%
3	2.040	75	77	82	rVB2	1162	988	0.25%	0.092%
4	3.387	305	306	309	rBV	1544	1180	0.30%	0.110%
5	3.828	379	381	385	rBV	871	918	0.23%	0.085%
6	3.916	388	396	402	rBV4	6781	17227	4.38%	1.599%
7	4.022	406	414	419	rBV3	7356	18168	4.62%	1.687%
8	4.134	431	433	435	rVB	1229	801	0.20%	0.074%
9	4.152	435	436	438	rVV	1372	879	0.22%	0.082%
10	4.299	458	461	464	rVB	1628	1309	0.33%	0.122%
11	4.440	484	485	486	rBV	1729	793	0.20%	0.074%
12	4.687	525	527	528	rVB	1205	660	0.17%	0.061%
13	4.740	531	536	539	rBV3	1483	2482	0.63%	0.230%
14	4.769	539	541	542	rBV2	977	856	0.22%	0.079%
15	4.846	552	554	556	rVV3	726	917	0.23%	0.085%
16	4.893	560	562	566	rVB2	724	1050	0.27%	0.097%
17	4.934	566	569	570	rBV2	1125	1113	0.28%	0.103%
18	5.063	588	591	593	rVB2	986	952	0.24%	0.088%
19	5.246	621	622	625	rBV2	1133	943	0.24%	0.088%
20	5.487	661	663	665	rBV	888	850	0.22%	0.079%
21	5.540	670	672	675	rVB2	847	732	0.19%	0.068%
22	5.569	675	677	679	rBV2	845	839	0.21%	0.078%
23	5.693	696	698	702	rVB2	967	1044	0.27%	0.097%
24	5.757	708	709	712	rBV2	878	985	0.25%	0.091%
25	5.822	717	720	721	rBV	820	798	0.20%	0.074%
26	5.993	748	749	750	rVB	1886	666	0.17%	0.062%
27	6.016	750	753	755	rBV2	1560	1753	0.45%	0.163%
28	6.157	774	777	780	rVB2	1304	1528	0.39%	0.142%
29	6.187	780	782	783	rBV	1223	973	0.25%	0.090%
30	6.281	797	798	799	rBV	1801	779	0.20%	0.072%
31	6.299	799	801	802	rVV	938	689	0.18%	0.064%
32	6.328	805	806	809	rVV	1200	909	0.23%	0.084%
33	6.369	811	813	815	rBV	801	751	0.19%	0.070%
34	6.399	816	818	820	rVV	897	826	0.21%	0.077%
35	6.804	885	887	889	rVV	1112	802	0.20%	0.074%
36	6.828	889	891	894	rVV2	1283	1127	0.29%	0.105%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

37	6.869	896	898	901	rBV2	1224	1239	0.32%	0.115%
38	6.993	911	919	926	rBV2	7311	20319	5.17%	1.886%
39	7.052	926	929	930	rBV2	1695	1416	0.36%	0.131%
40	7.193	952	953	956	rVV2	1066	939	0.24%	0.087%
41	7.263	963	965	966	rBV2	998	794	0.20%	0.074%
42	7.304	970	972	976	rBV	776	867	0.22%	0.080%
43	7.334	976	977	980	rVB2	1050	1028	0.26%	0.095%
44	7.393	984	987	988	rBV	929	869	0.22%	0.081%
45	7.504	1003	1006	1007	rVB	1369	1004	0.26%	0.093%
46	7.563	1007	1016	1027	rBV4	12359	32901	8.37%	3.055%
47	7.687	1033	1037	1040	rBV2	636	1210	0.31%	0.112%
48	7.769	1049	1051	1054	rBV2	952	1062	0.27%	0.099%
49	7.928	1077	1078	1079	rBV	1654	747	0.19%	0.069%
50	7.951	1081	1082	1086	rVB2	1369	1228	0.31%	0.114%
51	7.987	1086	1088	1089	rBV	1342	759	0.19%	0.070%
52	8.199	1116	1124	1128	rBV3	19972	50688	12.89%	4.706%
53	8.304	1139	1142	1146	rBV2	1302	1748	0.44%	0.162%
54	8.410	1156	1160	1162	rBV2	712	1011	0.26%	0.094%
55	8.516	1177	1178	1182	rBV3	1229	846	0.22%	0.079%
56	8.593	1188	1191	1193	rBV2	1214	1442	0.37%	0.134%
57	8.616	1193	1195	1197	rBV	896	1109	0.28%	0.103%
58	8.651	1199	1201	1203	rBV2	1058	1165	0.30%	0.108%
59	8.693	1206	1208	1209	rVV	1110	866	0.22%	0.080%
60	8.781	1216	1223	1230	rBV2	23072	48050	12.22%	4.461%
61	8.875	1234	1239	1240	rBV2	1215	1644	0.42%	0.153%
62	8.963	1251	1254	1256	rBV2	889	704	0.18%	0.065%
63	8.998	1258	1260	1261	rBV	1037	813	0.21%	0.075%
64	9.128	1280	1282	1284	rBV	802	660	0.17%	0.061%
65	9.151	1284	1286	1289	rVB2	951	850	0.22%	0.079%
66	9.210	1289	1296	1301	rBV4	17730	36606	9.31%	3.399%
67	9.275	1306	1307	1310	rVV2	1005	971	0.25%	0.090%
68	9.828	1396	1401	1403	rBV	1245	1678	0.43%	0.156%
69	9.851	1403	1405	1408	rBV2	590	671	0.17%	0.062%
70	9.975	1419	1426	1432	rBV3	9983	20915	5.32%	1.942%
71	10.157	1455	1457	1461	rBV3	977	1464	0.37%	0.136%
72	10.269	1471	1476	1482	rVB2	18633	34607	8.80%	3.213%
73	10.328	1485	1486	1489	rBV	1345	1585	0.40%	0.147%
74	10.440	1503	1505	1507	rBV2	892	738	0.19%	0.069%
75	10.522	1514	1519	1527	rVV4	6215	11678	2.97%	1.084%
76	10.640	1536	1539	1541	rBV	1661	1715	0.44%	0.159%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Stop Thrs : 0

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 Title : SFAM01.0

77	10.804	1565	1567	1571	rVB	988	896	0.23%	0.083%
78	10.875	1573	1579	1589	rVV	22483	41003	10.43%	3.807%
79	11.028	1603	1605	1606	rBV2	1754	950	0.24%	0.088%
80	11.128	1620	1622	1624	rBV2	1449	1007	0.26%	0.093%
81	11.245	1640	1642	1644	rVB2	1298	774	0.20%	0.072%
82	11.322	1652	1655	1657	rVB	1889	1760	0.45%	0.163%
83	11.340	1657	1658	1660	rBV	1440	1089	0.28%	0.101%
84	11.387	1665	1666	1668	rBV2	1170	1005	0.26%	0.093%
85	11.428	1671	1673	1677	rBV3	911	1488	0.38%	0.138%
86	11.498	1683	1685	1687	rVB2	1290	1189	0.30%	0.110%
87	11.522	1687	1689	1692	rVB2	1145	1502	0.38%	0.139%
88	11.581	1692	1699	1706	rBV	25933	46640	11.86%	4.330%
89	11.751	1725	1728	1730	rBV	1526	1351	0.34%	0.125%
90	11.816	1737	1739	1741	rBV2	1237	1027	0.26%	0.095%
91	11.969	1763	1765	1768	rBV2	1057	1136	0.29%	0.105%
92	12.075	1778	1783	1785	rBV	1636	2893	0.74%	0.269%
93	12.163	1796	1798	1802	rBV	1667	840	0.21%	0.078%
94	12.298	1819	1821	1822	rVB2	1783	862	0.22%	0.080%
95	12.451	1846	1847	1848	rBV	2097	1226	0.31%	0.114%
96	12.598	1871	1872	1875	rBV3	1525	1497	0.38%	0.139%
97	12.651	1875	1881	1887	rVV3	23112	40715	10.36%	3.780%
98	13.239	1979	1981	1982	rBV	2876	2099	0.53%	0.195%
99	13.516	2025	2028	2033	rVB2	14336	21398	5.44%	1.987%
100	15.304	2328	2332	2338	rVB2	95096	148440	37.75%	13.782%

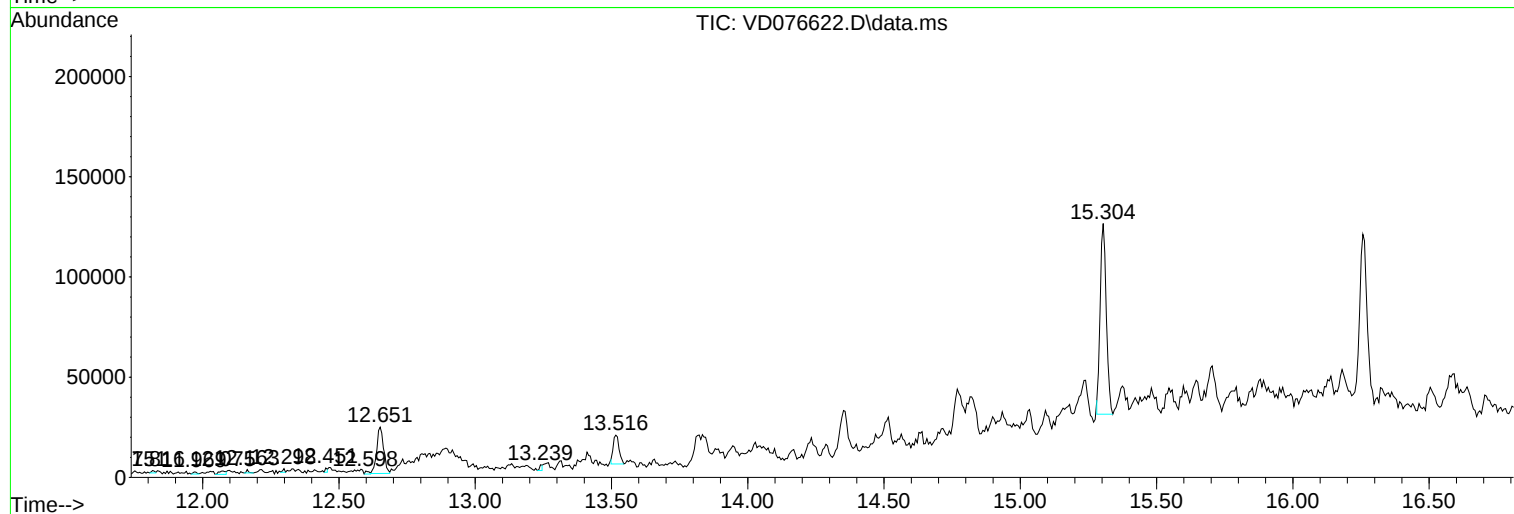
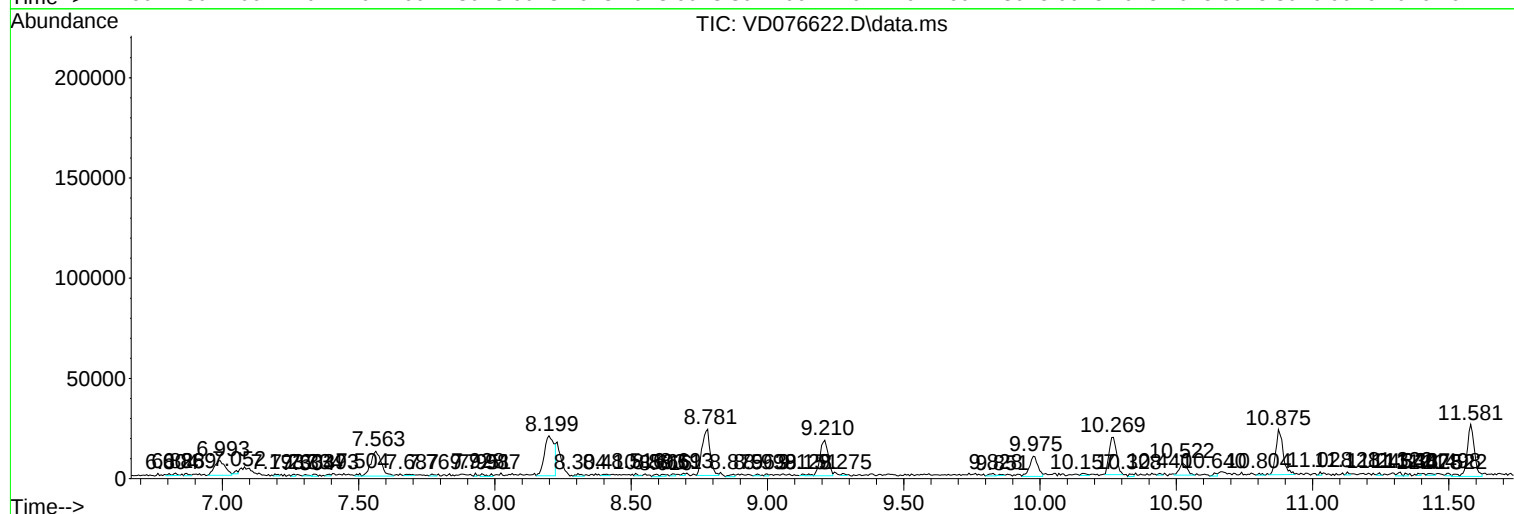
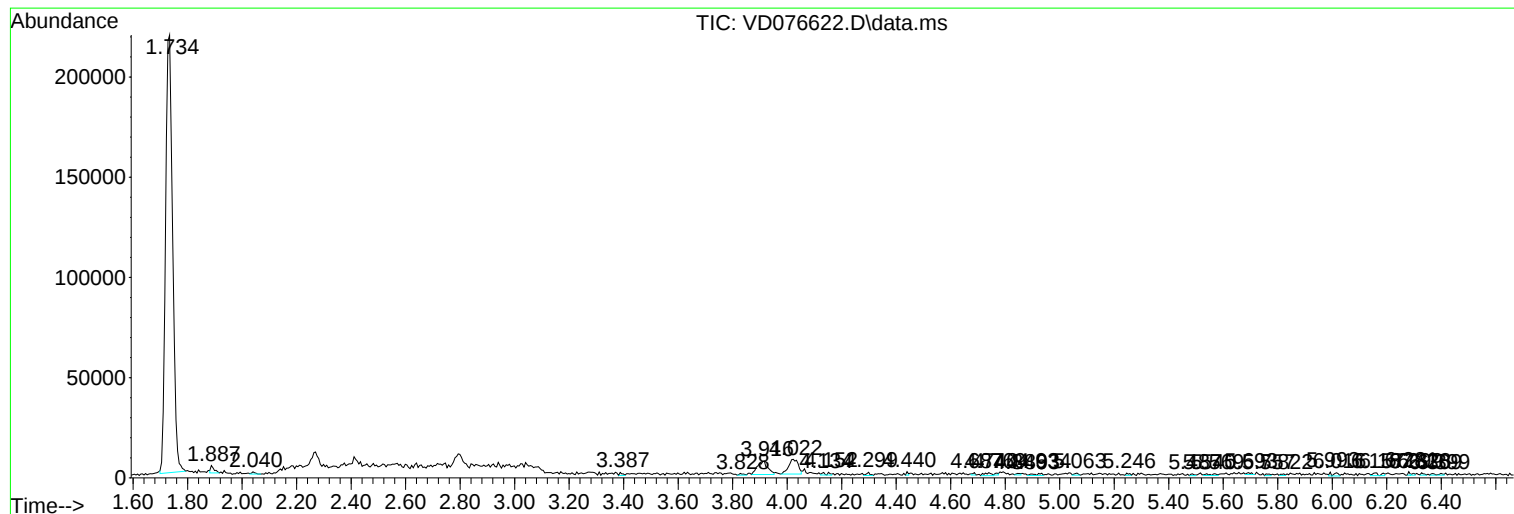
Sum of corrected areas: 1077080

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46G1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
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Instrument :
MSVOA_D
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A46G1

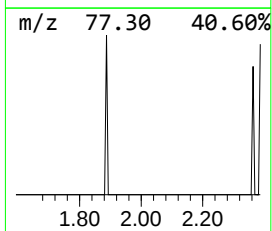
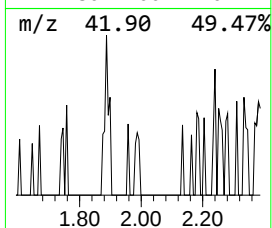
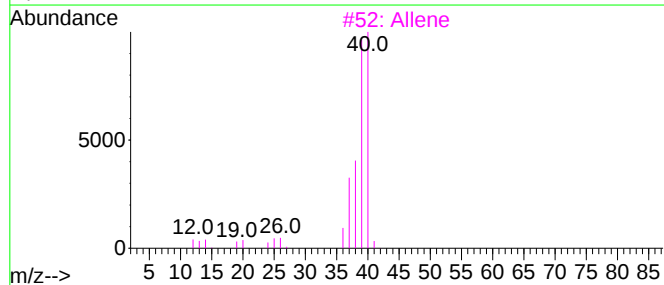
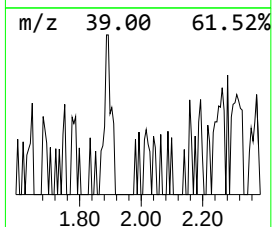
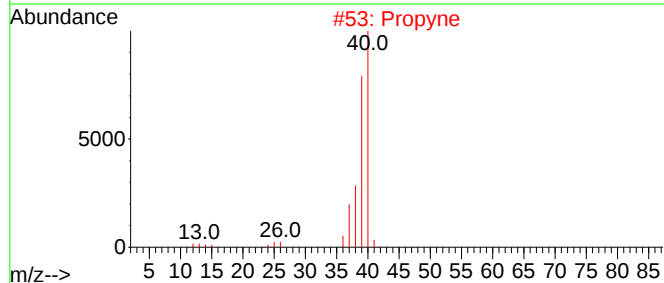
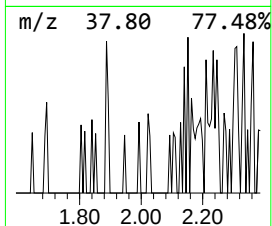
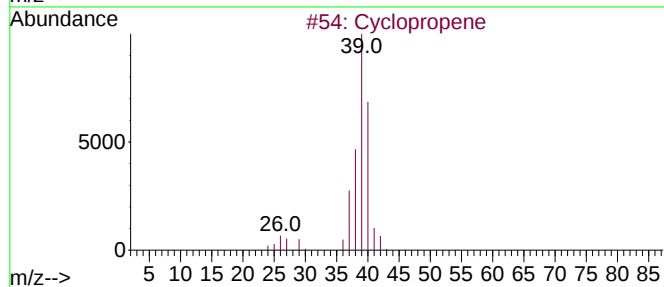
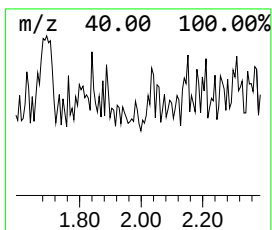
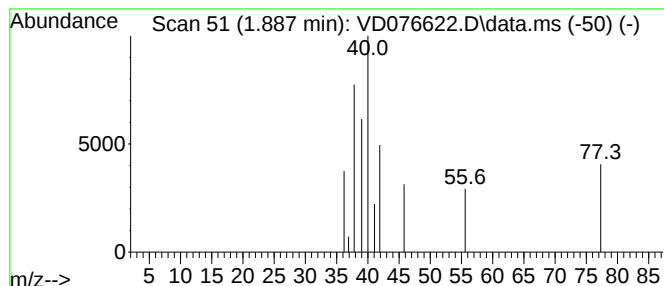
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.887	1.68 ug/L	3226	1,4-Difluorobenzene	8.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropene	40	C3H4	002781-85-3	7
2		Propyne	40	C3H4	000074-99-7	5
3		Allene	40	C3H4	000463-49-0	2
4		2-Butynal	68	C4H4O	001119-19-3	2
5		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	1



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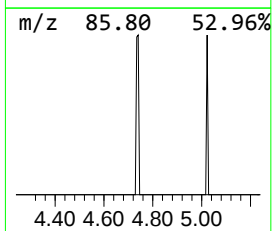
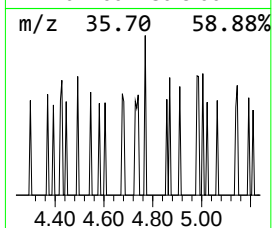
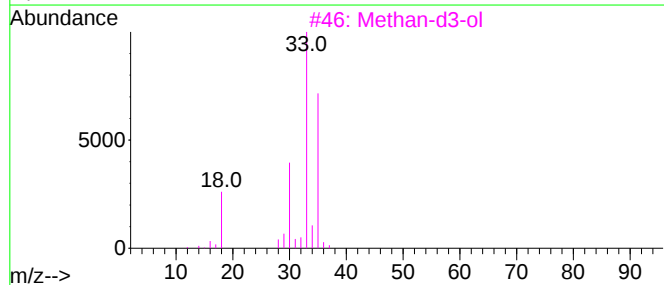
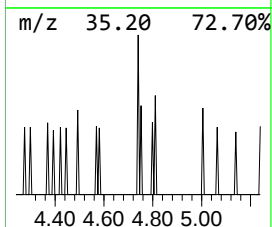
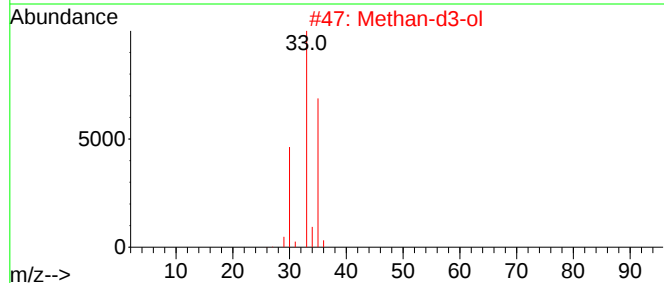
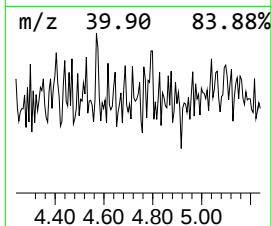
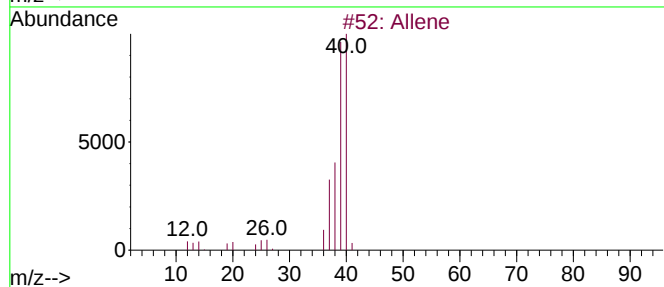
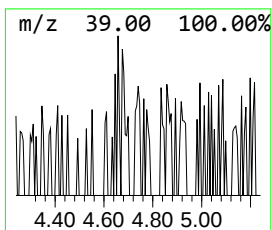
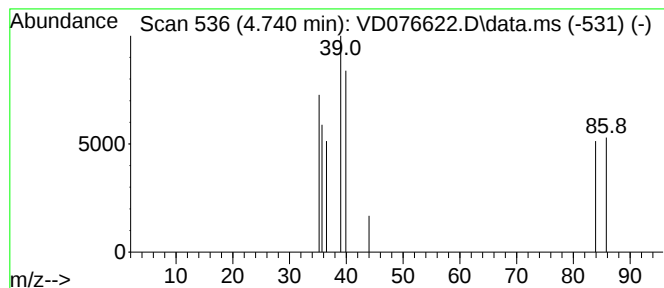
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.740	1.29 ug/L	2482	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene			40	C3H4	000463-49-0	5
2	Methan-d3-ol			35	CHD3O	001849-29-2	3
3	Methan-d3-ol			35	CHD3O	001849-29-2	3
4	Krypton			84	Kr	007439-90-9	2
5	3-Butyn-1-ol			70	C4H6O	000927-74-2	2



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46G1

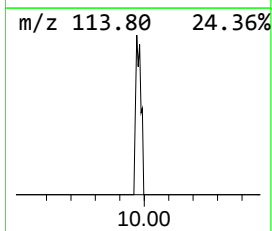
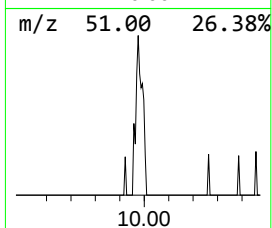
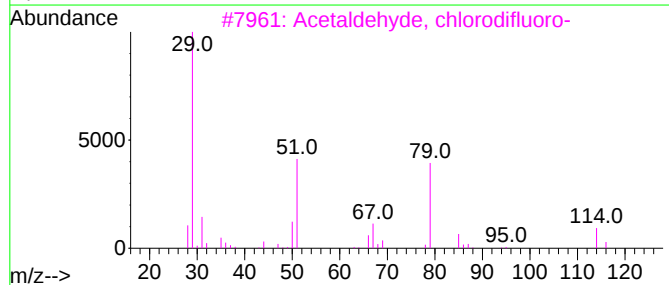
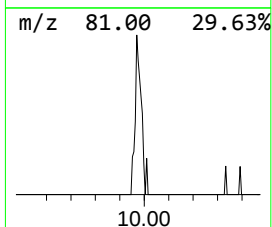
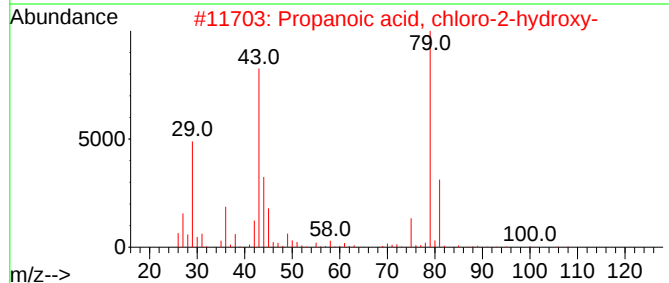
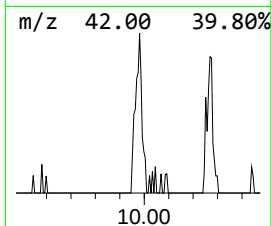
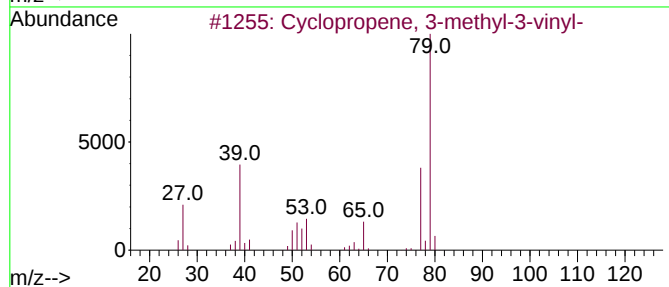
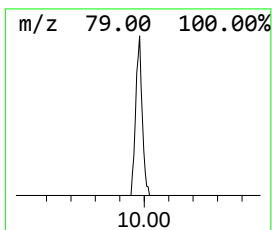
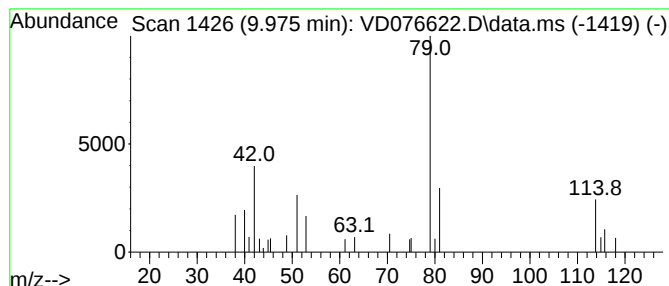
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	10.88 ug/L	20915	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropene, 3-methyl-3-vinyl-	80	C6H8	071153-30-5	9
2			Propanoic acid, chloro-2-hydroxy-	124	C3H5ClO3	074792-92-0	9
3			Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	7
4			Thiophosgene	114	CCl2S	000463-71-8	5
5			Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076622.D
Acq On : 28 Jun 2023 17:56
Operator : KP/SY
Sample : 03422-22
Misc : 4.50G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

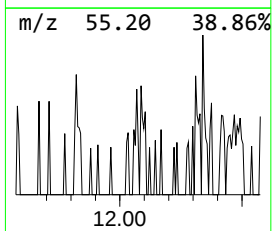
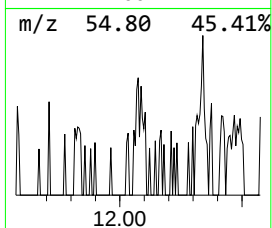
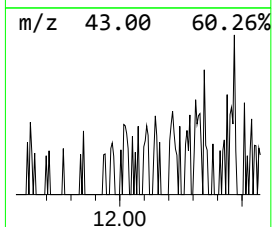
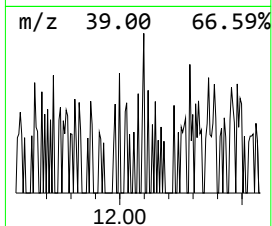
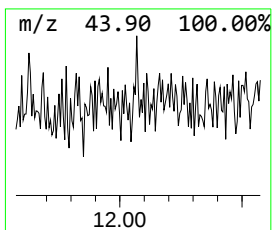
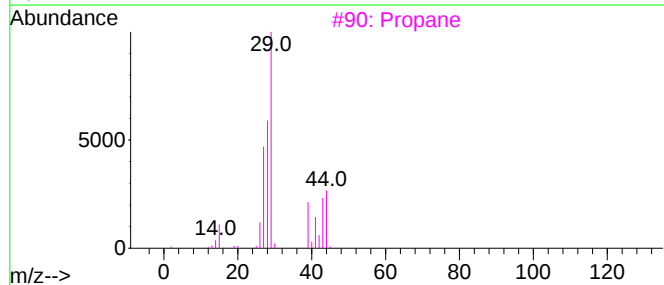
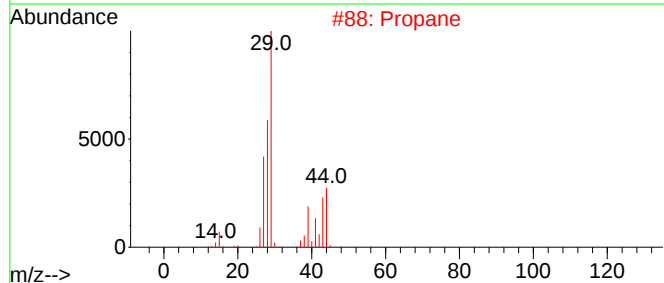
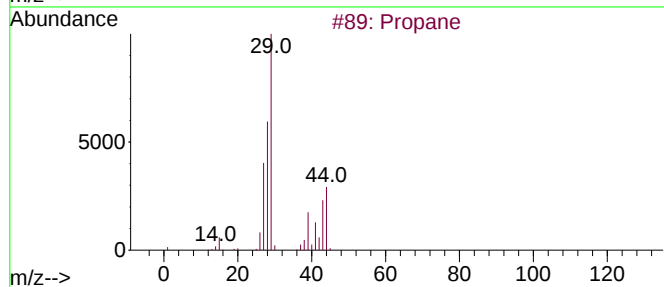
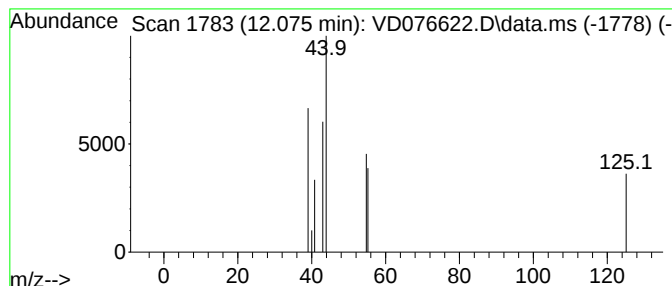
Instrument :
MSVOA_D
ClientSampleId :
A46G1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.075	1.55 ug/L	2893	Chlorobenzene-d5		11.581	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Propane		44	C3H8	000074-98-6	7
2	Propane		44	C3H8	000074-98-6	7
3	Propane		44	C3H8	000074-98-6	4
4	3-Cyclopropyl-1,2,4-oxadiazol-5-...		125	C5H7N3O	1000445-17-8	4
5	Acetaldehyde		44	C2H4O	000075-07-0	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076622.D
Acq On : 28 Jun 2023 17:56
Operator : KP/SY
Sample : 03422-22
Misc : 4.50G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46G1

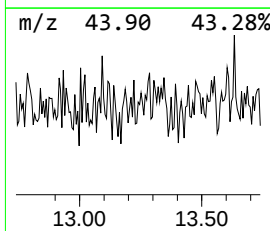
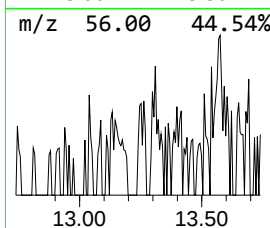
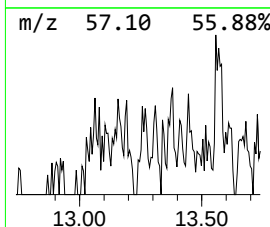
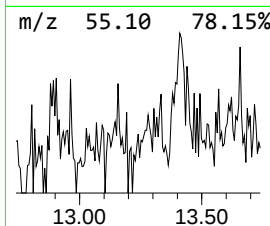
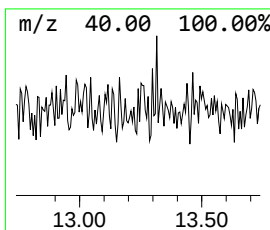
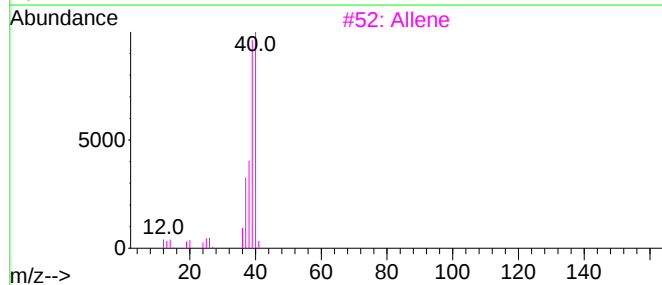
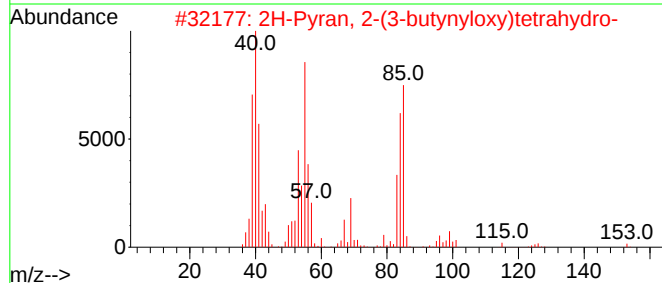
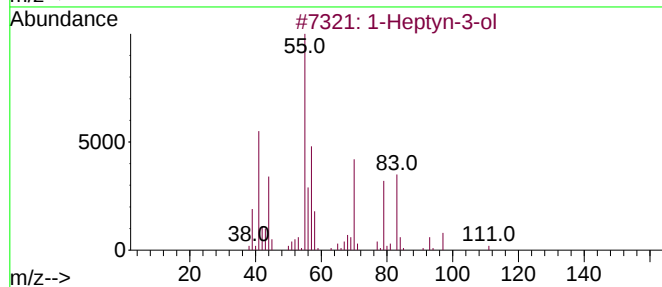
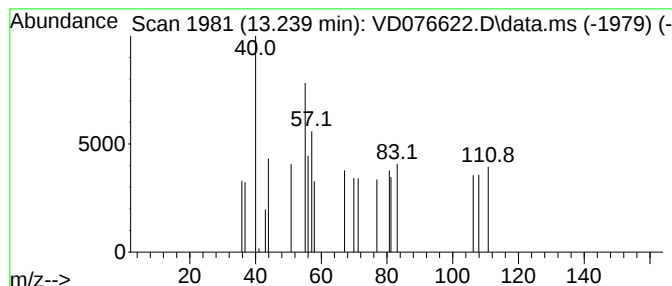
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.45 ug/L	2099	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptyn-3-ol	112	C7H12O	007383-19-9	9
2			2H-Pyran, 2-(3-butynyloxy)tetrahydro-	154	C9H14O2	040365-61-5	9
3			Allene	40	C3H4	000463-49-0	5
4			Azetidine, 1-methyl-	71	C4H9N	004923-79-9	4
5			Azetidine, 2-methyl-	71	C4H9N	019812-49-8	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076622.D
Acq On : 28 Jun 2023 17:56
Operator : KP/SY
Sample : 03422-22
Misc : 4.50G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46G1

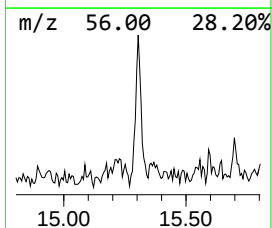
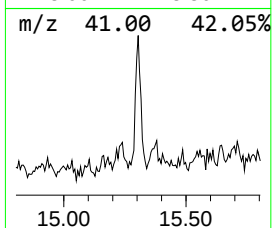
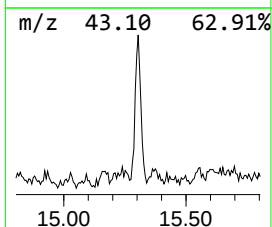
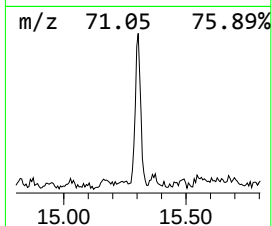
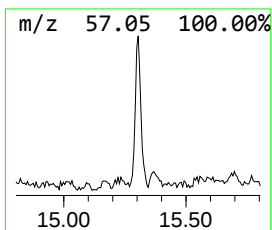
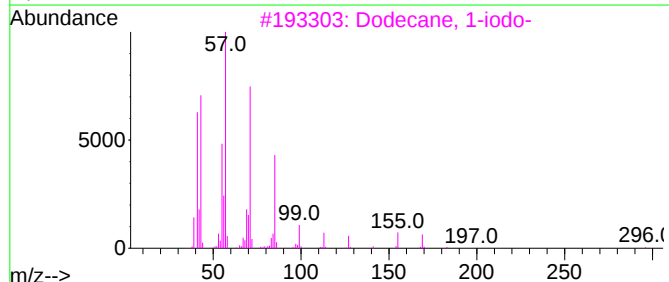
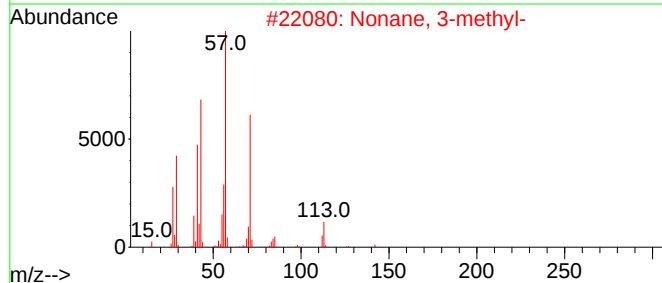
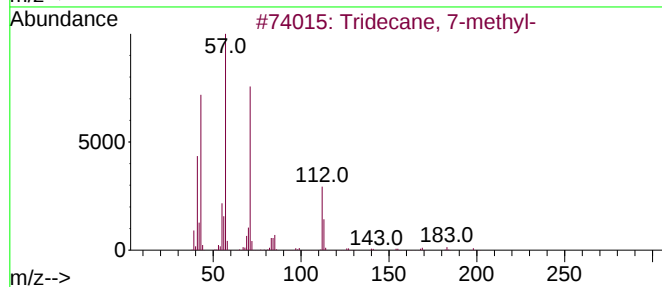
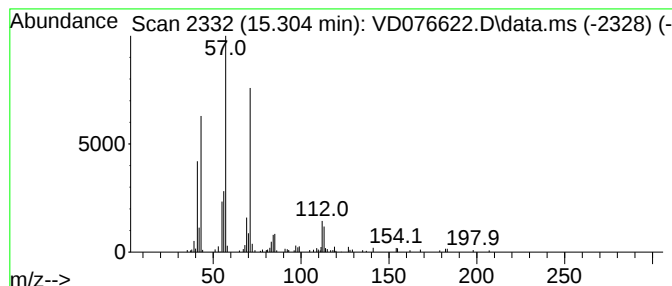
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	173.43 ug/L	148440	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	91
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076622.D
Acq On : 28 Jun 2023 17:56
Operator : KP/SY
Sample : 03422-22
Misc : 4.50G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46G1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.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
unknown-01	1.887	1.7	ug/L	3226	1	8.781	48050	25.0
unknown-02	4.740	1.3	ug/L	2482	1	8.781	48050	25.0
unknown-03	9.975	10.9	ug/L	20915	1	8.781	48050	25.0
(DEL) Alkane: S...	12.075	1.6	ug/L	2893	2	11.581	46640	25.0
unknown-04	13.239	2.5	ug/L	2099	3	13.522	21398	25.0
(DEL) Alkane: S...	15.304	173.4	ug/L	148440	3	13.522	21398	25.0