LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

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\SFAMDLM090123SMA.M
Title : SFAM01.0

Signal : TIC: VD077184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.652	9	11	13	rBV	661	632	0.50%	0.090%
2	1.728	19	24	32	rBV	46320	77495	61.04%	11.019%
3	1.816	37	39	42	rVB2	924	1012	0.80%	0.144%
4	2.116	86	90	91	rBV	1258	1463	1.15%	0.208%
5	2.546	160	163	164	rBV	1464	1307	1.03%	0.186%
6	2.805	203	207	212	rBV3	2708	3578	2.82%	0.509%
7	2.858	214	216	217	rBV	1035	706	0.56%	0.100%
8	2.934	227	229	231	rBV	655	571	0.45%	0.081%
9	3.111	257	259	262	rVB	874	635	0.50%	0.090%
10	3.399	306	308	311	rBV2	609	615	0.48%	0.087%
11	3.640	347	349	352	rBV2	645	625	0.49%	0.089%
12	3.793	372	375	378	rBV2	420	542	0.43%	0.077%
13	3.910	391	395	405	rBV3	3400	7515	5.92%	1.069%
14	4.016	408	413	416	rBV3	1411	2290	1.80%	0.326%
15	4.263	451	455	458	rBV2	1223	1383	1.09%	0.197%
16	4.452	485	487	491	rBV2	731	695	0.55%	0.099%
17	4.622	513	516	520	rBV2	597	734	0.58%	0.104%
18	4.705	527	530	532	rBV2	783	782	0.62%	0.111%
19	4.775	539	542	543	rBV2	1172	1118	0.88%	0.159%
20	4.881	558	560	565	rBV	721	816	0.64%	0.116%
21	4.963	571	574	577	rBV2	669	952	0.75%	0.135%
22	5.152	604	606	612	rVB2	1101	1178	0.93%	0.168%
23	5.346	638	639	641	rBV2	643	551	0.43%	0.078%
24	5.363	641	642	645	rVB	845	653	0.51%	0.093%
25	5.446	654	656	658	rVB	701	596	0.47%	0.085%
26	5.475	658	661	664	rBV2	655	990	0.78%	0.141%
27	5.510	664	667	668	rVV2	729	724	0.57%	0.103%
28	5.605	681	683	685	rBV	853	557	0.44%	0.079%
29	5.752	704	708	709	rBV2	628	588	0.46%	0.084%
30	5.769	709	711	713	rVB2	726	583	0.46%	0.083%
31	5.828	720	721	724	rBV2	797	640	0.50%	0.091%
32	6.028	753	755	758	rBV2	721	695	0.55%	0.099%
33	6.069	758	762	763	rBV2	729	589	0.46%	0.084%
34	6.157	776	777	781	rVB2	970	601	0.47%	0.085%
35	6.216	785	787	793	rVB	1064	1255	0.99%	0.178%
36	6.269	793	796	797	rBV	776	574	0.45%	0.082%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

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\SFAMDLM090123SMA.M
Title : SFAM01.0

37	6.287	797	799	800	rBV	917	602	0.47%	0.086%
38	6.393	815	817	820	rBV	1172	683	0.54%	0.097%
39	6.499	831	835	838	rBV	412	615	0.48%	0.087%
40	6.640	858	859	862	rBV	667	598	0.47%	0.085%
41	6.728	872	874	877	rBV	715	550	0.43%	0.078%
42	6.828	887	891	892	rBV2	690	937	0.74%	0.133%
43	7.069	931	932	935	rBV2	693	663	0.52%	0.094%
44	7.128	939	942	946	rBV2	608	838	0.66%	0.119%
45	7.157	946	947	950	rBV	456	577	0.45%	0.082%
46	7.563	1009	1016	1025	rVB3	5803	13477	10.61%	1.916%
47	7.710	1039	1041	1044	rBV2	546	846	0.67%	0.120%
48	7.851	1060	1065	1067	rVV2	790	1037	0.82%	0.147%
49	7.881	1067	1070	1071	rVB	804	540	0.43%	0.077%
50	7.993	1087	1089	1091	rVV2	749	617	0.49%	0.088%
51	8.104	1105	1108	1109	rBV2	893	789	0.62%	0.112%
52	8.204	1117	1125	1134	rBV6	9189	30349	23.90%	4.316%
53	8.334	1145	1147	1150	rBV2	843	660	0.52%	0.094%
54	8.440	1163	1165	1169	rBV2	649	931	0.73%	0.132%
55	8.481	1171	1172	1176	rBV2	592	733	0.58%	0.104%
56	8.775	1216	1222	1229	rVB4	8142	15449	12.17%	2.197%
57	9.051	1266	1269	1270	rBV2	702	637	0.50%	0.091%
58	9.204	1291	1295	1301	rVV5	6163	11618	9.15%	1.652%
59	9.269	1304	1306	1309	rVB2	808	690	0.54%	0.098%
60	9.340	1317	1318	1319	rBV	1069	658	0.52%	0.094%
61	9.375	1323	1324	1327	rBV2	792	835	0.66%	0.119%
62	9.587	1357	1360	1363	rBV	919	786	0.62%	0.112%
63	9.663	1371	1373	1377	rVB	1075	862	0.68%	0.123%
64	9.845	1399	1404	1407	rBV2	780	1227	0.97%	0.174%
65	9.975	1423	1426	1433	rVB4	3046	5524	4.35%	0.785%
66	10.263	1470	1475	1483	rVB4	11265	19927	15.70%	2.834%
67	10.392	1495	1497	1500	rBV2	828	1167	0.92%	0.166%
68	10.669	1540	1544	1546	rVB2	2558	3270	2.58%	0.465%
69	10.740	1554	1556	1560	rBV	1017	1634	1.29%	0.232%
70	10.881	1574	1580	1585	rBV3	6194	10741	8.46%	1.527%
71	10.987	1596	1598	1601	rVB	1199	944	0.74%	0.134%
72	11.169	1627	1629	1631	rBV	931	827	0.65%	0.118%
73	11.434	1672	1674	1675	rBV2	769	756	0.60%	0.108%
74	11.445	1675	1676	1678	rVB2	1027	565	0.45%	0.080%
75	11.581	1692	1699	1707	rBV2	11745	23326	18.37%	3.317%
76	11.687	1713	1717	1719	rBV2	1554	1532	1.21%	0.218%

LSC Area Percent Report

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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

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\SFAMDLM090123SMA.M
Title : SFAM01.0

77	11.792	1729	1735	1740	rBV2	7673	12640	9.96%	1.797%
78	11.904	1752	1754	1755	rBV	1023	620	0.49%	0.088%
79	12.045	1776	1778	1780	rBV2	1166	831	0.65%	0.118%
80	12.122	1784	1791	1798	rVB2	15694	28505	22.45%	4.053%
81	12.428	1832	1843	1851	rBV2	74247	126963	100.00%	18.054%
82	12.651	1876	1881	1885	rBV3	12548	22327	17.59%	3.175%
83	12.822	1908	1910	1911	rBV	2665	2080	1.64%	0.296%
84	12.904	1919	1924	1930	rVB5	15290	25217	19.86%	3.586%
85	12.981	1933	1937	1944	rVB2	16468	26922	21.20%	3.828%
86	13.063	1947	1951	1956	rVB3	4588	7699	6.06%	1.095%
87	13.104	1956	1958	1959	rBV	942	722	0.57%	0.103%
88	13.210	1971	1976	1983	rBV2	16243	27223	21.44%	3.871%
89	13.404	2005	2009	2010	rBV3	3894	4592	3.62%	0.653%
90	13.428	2010	2013	2022	rVB7	12563	24437	19.25%	3.475%
91	13.522	2023	2029	2030	rBV4	16625	24957	19.66%	3.549%
92	13.616	2043	2045	2047	rBV	1368	1062	0.84%	0.151%
93	13.816	2074	2079	2081	rBV3	12157	19420	15.30%	2.761%
94	14.057	2116	2120	2127	rVB4	4628	6600	5.20%	0.938%
95	14.122	2127	2131	2134	rBV3	2069	3229	2.54%	0.459%
96	14.169	2135	2139	2144	rVB4	8469	12544	9.88%	1.784%
97	14.698	2225	2229	2232	rBV3	5681	7469	5.88%	1.062%
98	14.763	2235	2240	2245	rBV6	11479	23938	18.85%	3.404%
99	14.922	2263	2267	2272	rVB5	5584	8033	6.33%	1.142%
100	15.528	2367	2370	2375	rBV6	6757	9967	7.85%	1.417%

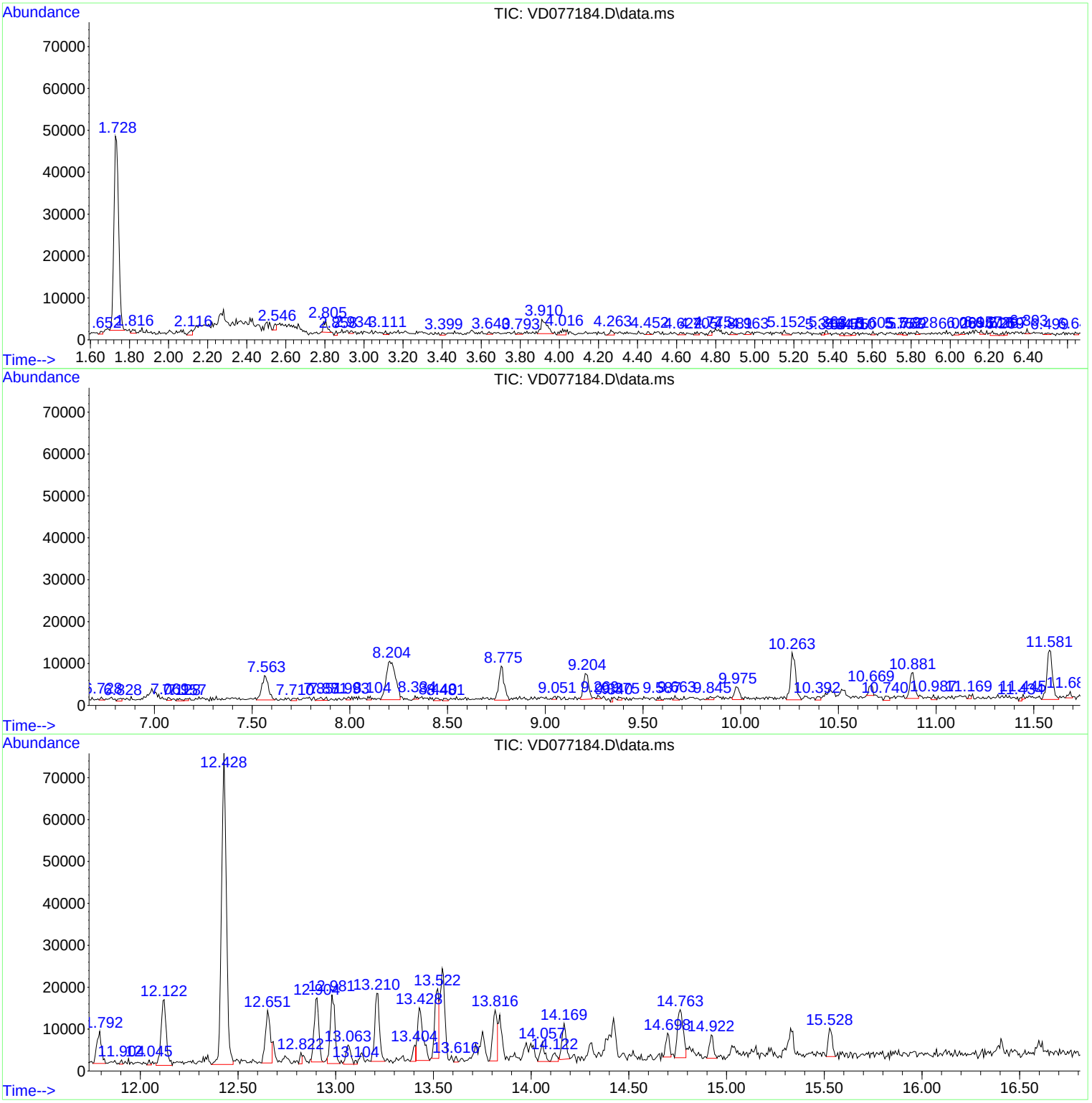
Sum of corrected areas: 703254

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

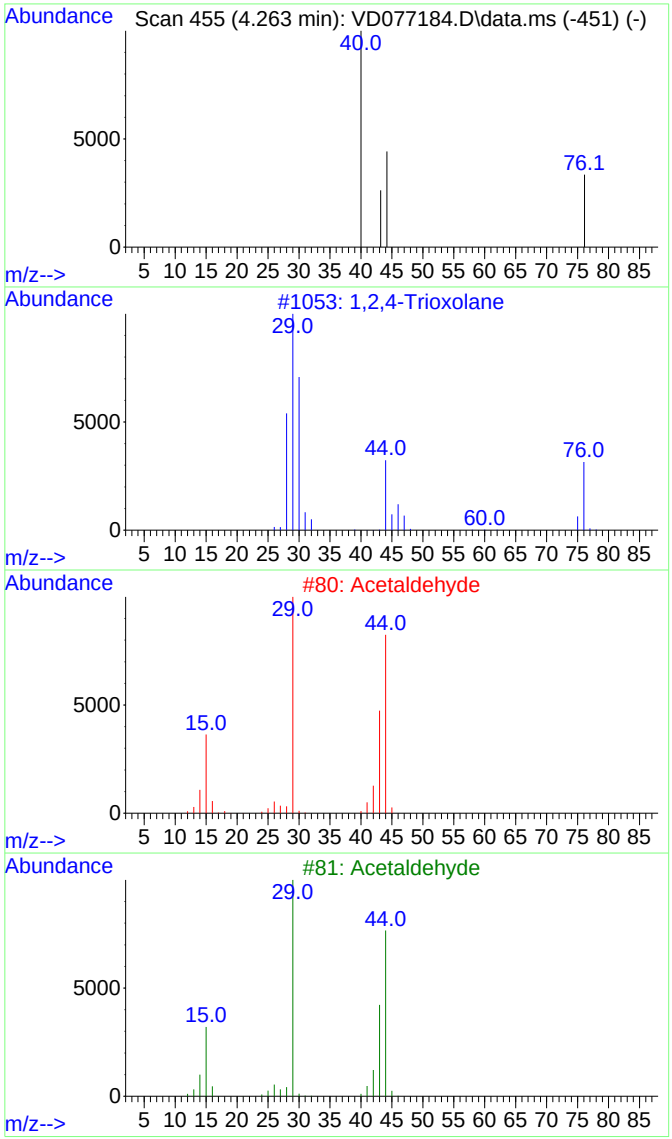
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

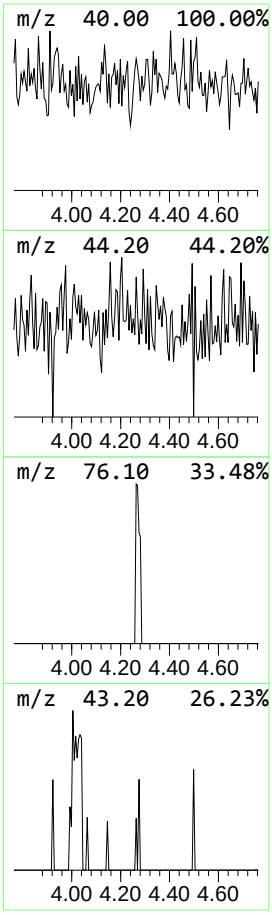
****

Peak Number 6 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.263	2.24 ug/L	1383	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trioxolane	76	C2H4O3	000289-14-5	4
2	Acetaldehyde	44	C2H4O	000075-07-0	4
3	Acetaldehyde	44	C2H4O	000075-07-0	4
4	Propane	44	C3H8	000074-98-6	3
5	Propane	44	C3H8	000074-98-6	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

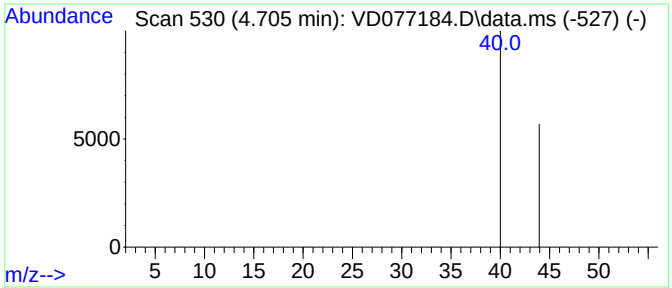
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

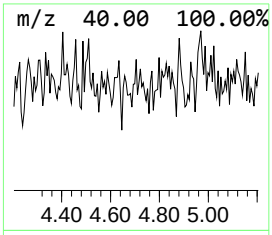
****

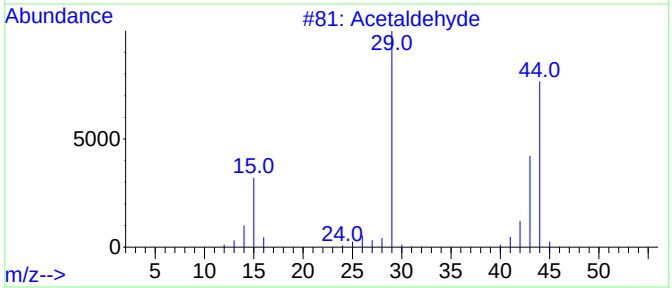
Peak Number 7 unknown-02 Concentration Rank 39

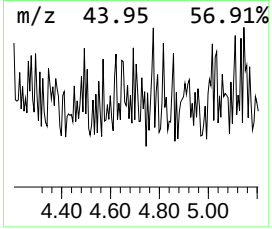
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.705	1.27 ug/L	782	1,4-Difluorobenzene	8.775

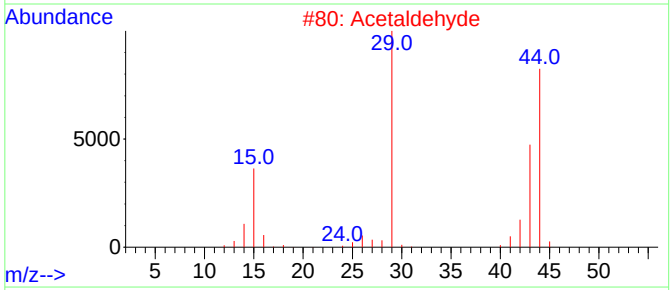
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetonitrile-d3	44	C2D3N	002206-26-0	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Carbon dioxide	44	CO2	000124-38-9	2

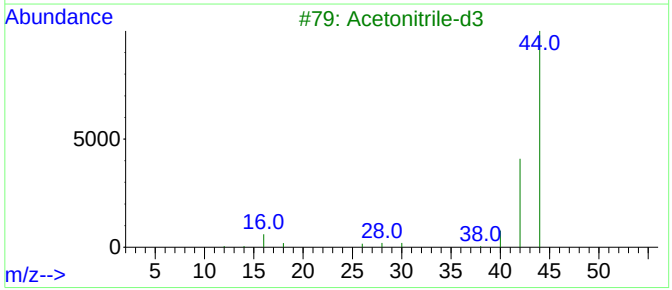












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

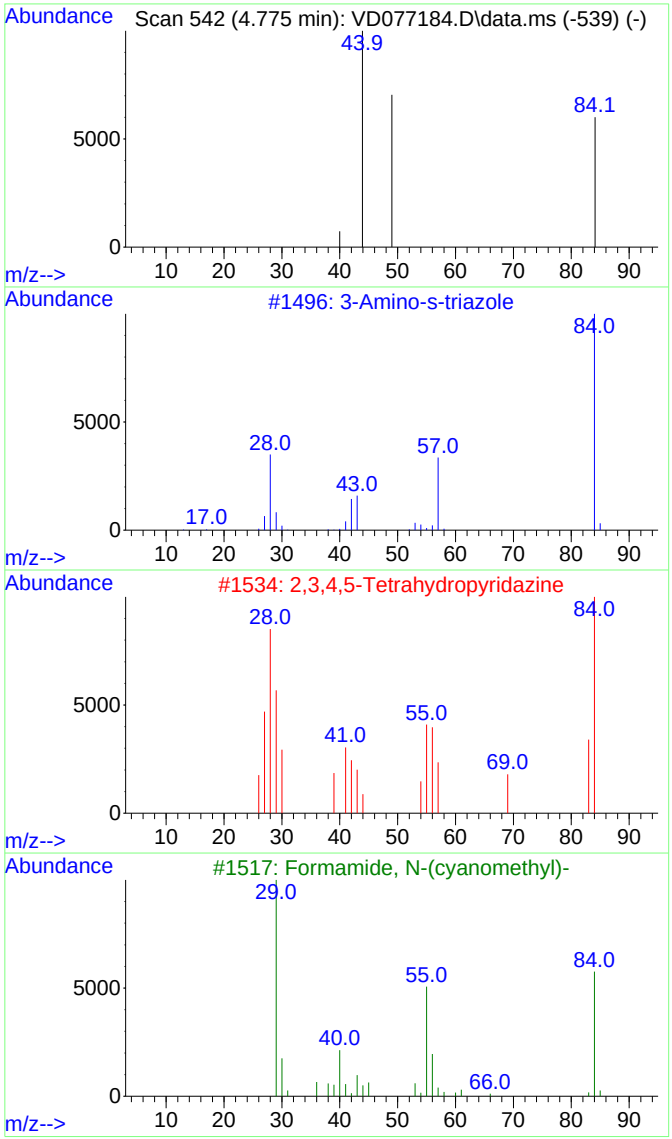
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

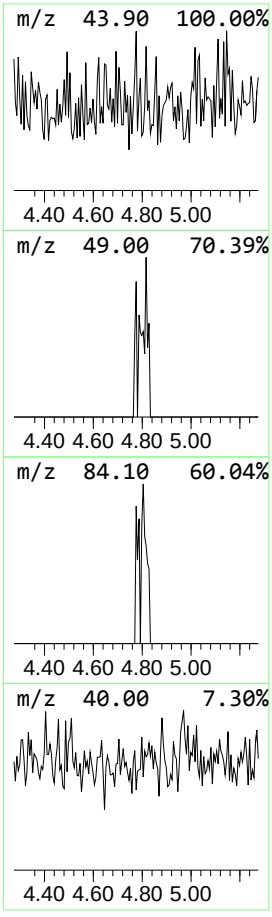
****

Peak Number 8 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.775	1.81 ug/L	1118	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-s-triazole	84	C2H4N4	000061-82-5	2
2	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	2
3	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	2
4	4-Pentenal	84	C5H8O	002100-17-6	1
5	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

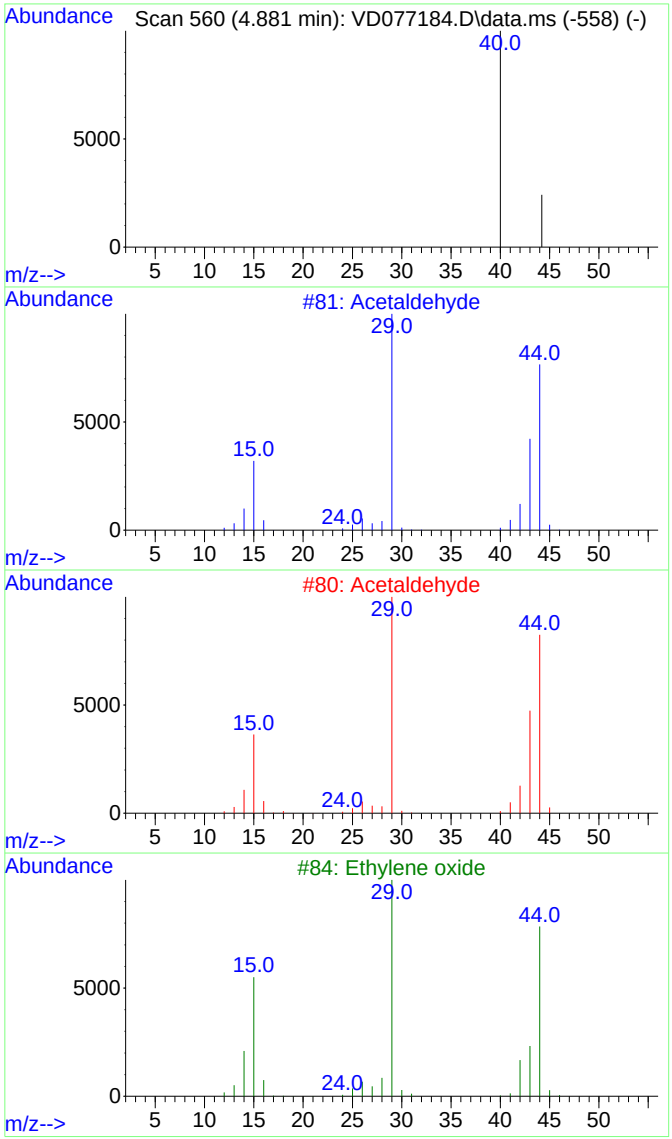
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

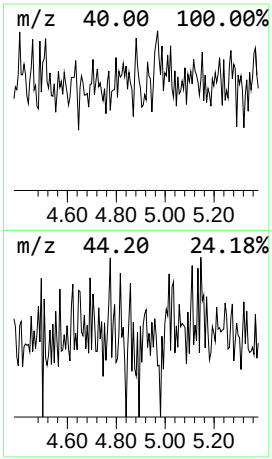
****

Peak Number 9 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	1.32 ug/L	816	1,4-Difluorobenzene	8.775

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

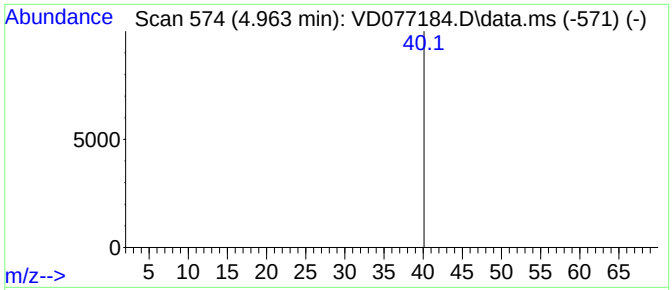
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

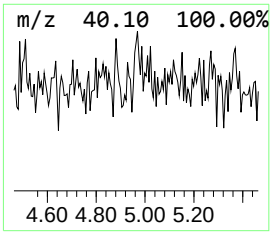
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

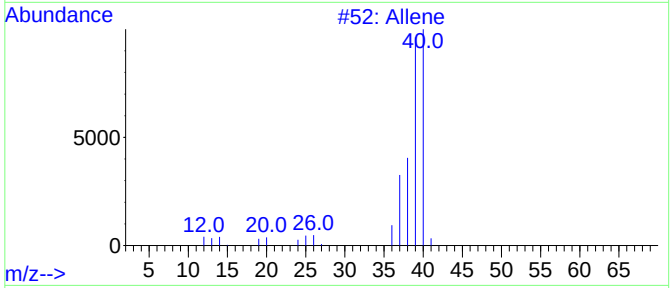
****
Peak Number 10 unknown-05 Concentration Rank 29

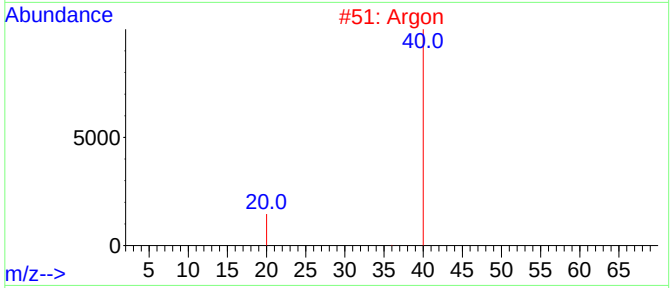
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	1.54 ug/L	952	1,4-Difluorobenzene	8.775

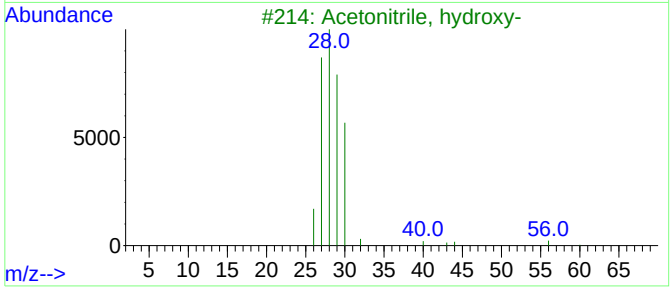
Hit# of 3	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	2
2	Argon	40	Ar	007440-37-1	2
3	Acetonitrile, hydroxy-	57	C2H3NO	000107-16-4	1











Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

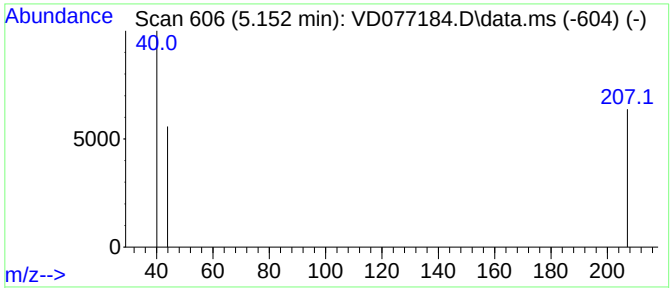
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

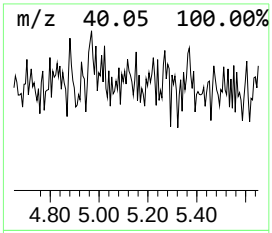
****

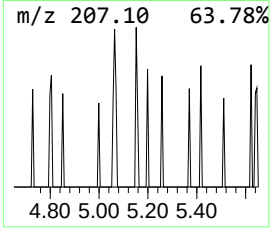
Peak Number 11 unknown-06 Concentration Rank 23

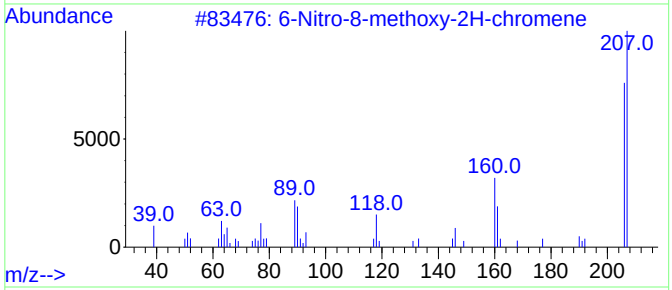
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.152	1.91 ug/L	1178	1,4-Difluorobenzene	8.775

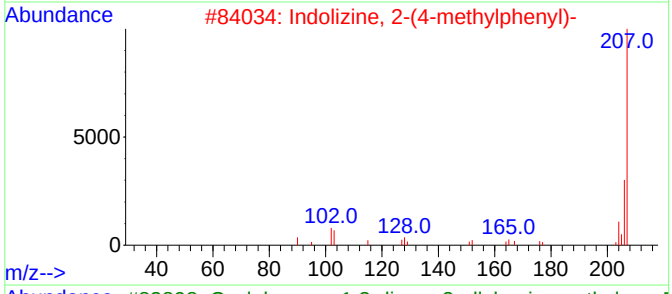
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
2	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
3	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
4	Carbon dioxide	44	CO2	000124-38-9	2
5	Nitrous oxide	44	N2O	010024-97-2	2

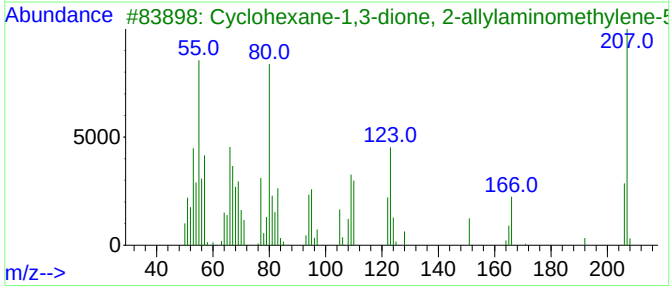












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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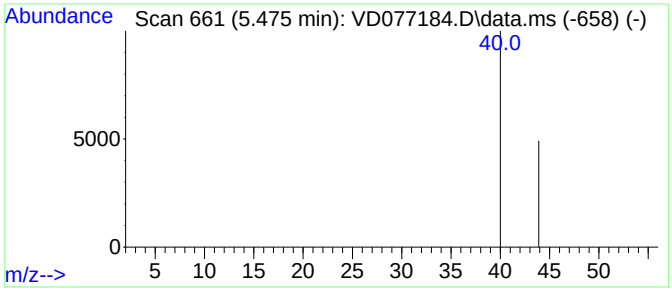
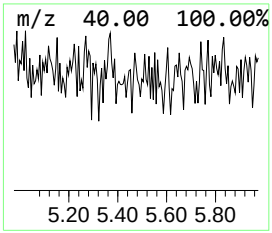
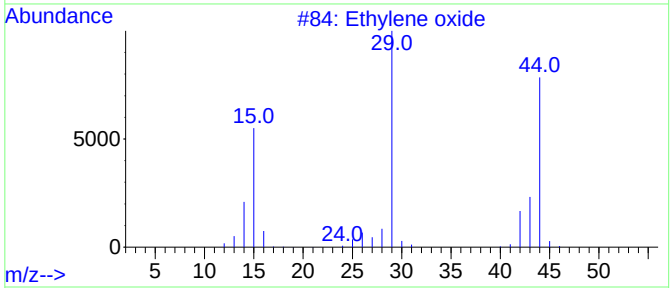
Peak Number 12 unknown-07 Concentration Rank 28

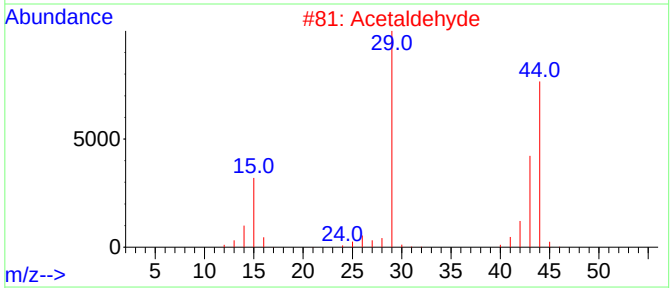
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.475	1.60 ug/L	990	1,4-Difluorobenzene	8.775

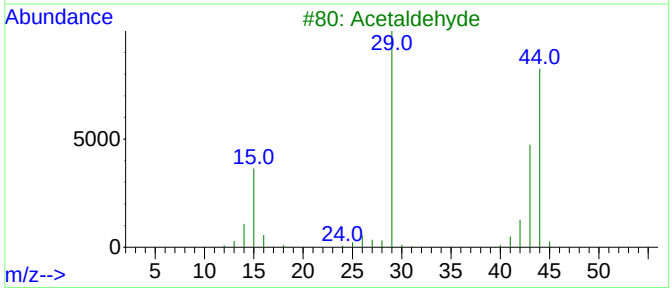
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2
5	Ethylene oxide	44	C2H4O	000075-21-8	2











Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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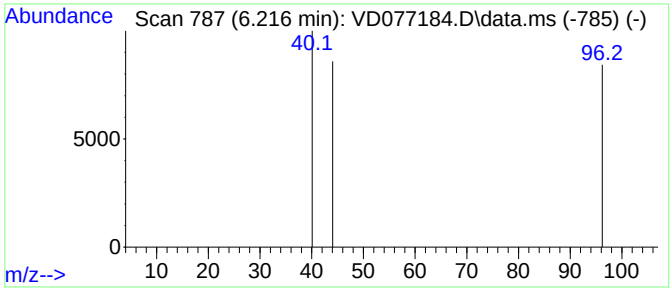
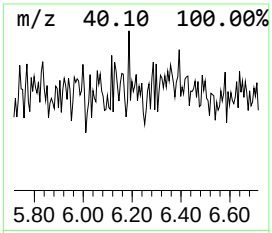
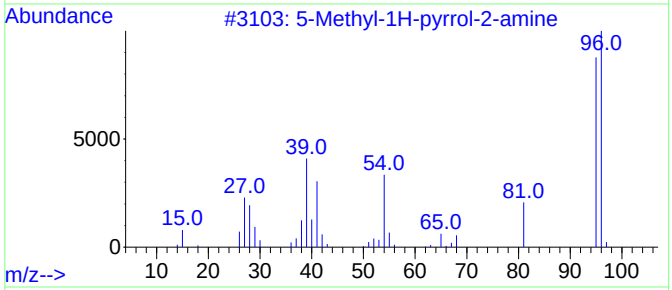
Peak Number 13 unknown-08 Concentration Rank 21

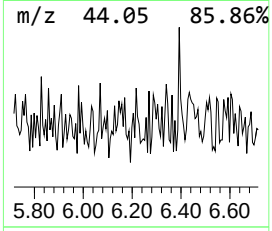
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	2.03 ug/L	1255	1,4-Difluorobenzene	8.775

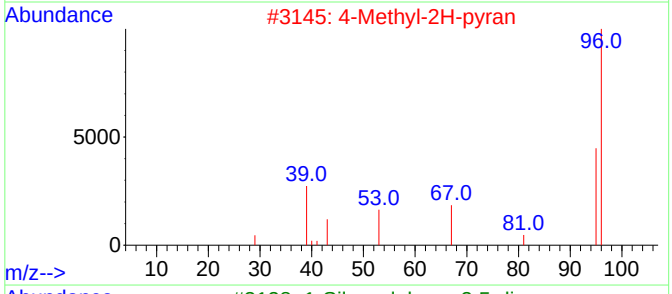
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-1H-pyrrol-2-amine	96	C5H8N2	1000436-81-3	2
2	4-Methyl-2H-pyran	96	C6H8O	1000432-32-7	2
3	1-Silacyclohexa-2,5-diene	96	C5H8Si	081200-77-3	2
4	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	2
5	4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	2

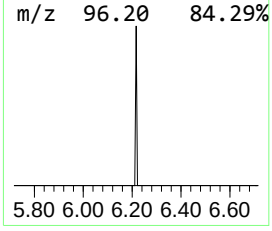


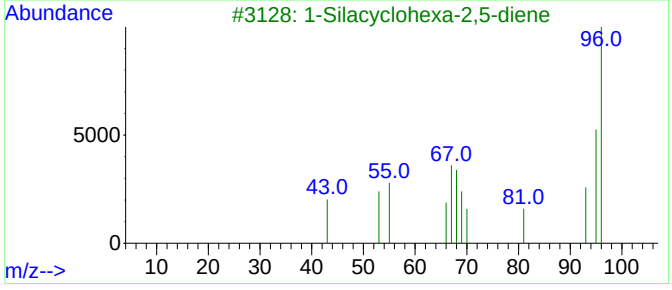












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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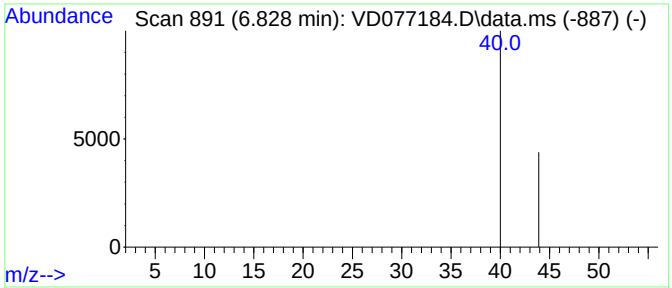
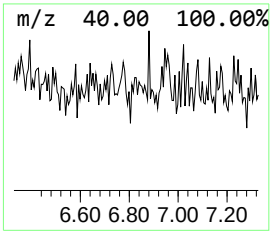
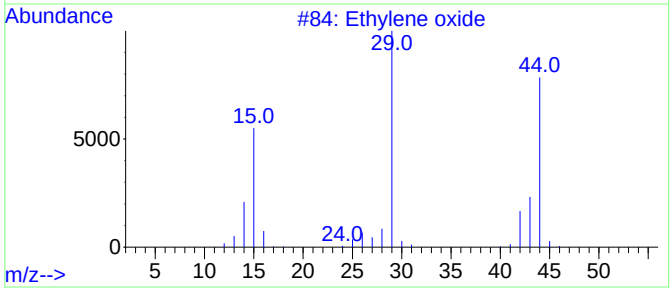
Peak Number 14 unknown-09 Concentration Rank 30

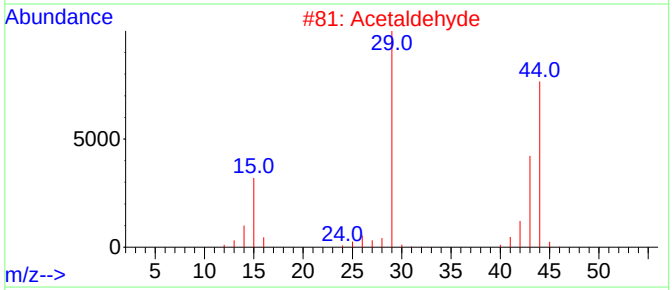
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.828	1.52 ug/L	937	1,4-Difluorobenzene	8.775

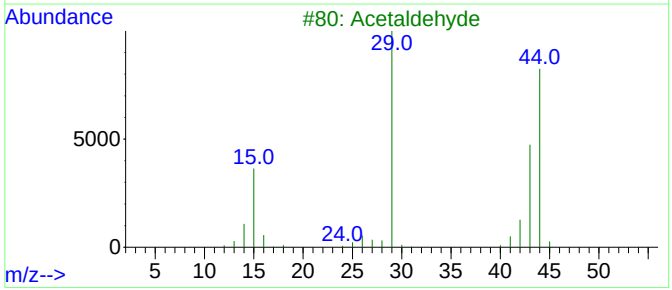
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2
5	Ethylene oxide	44	C2H4O	000075-21-8	2











Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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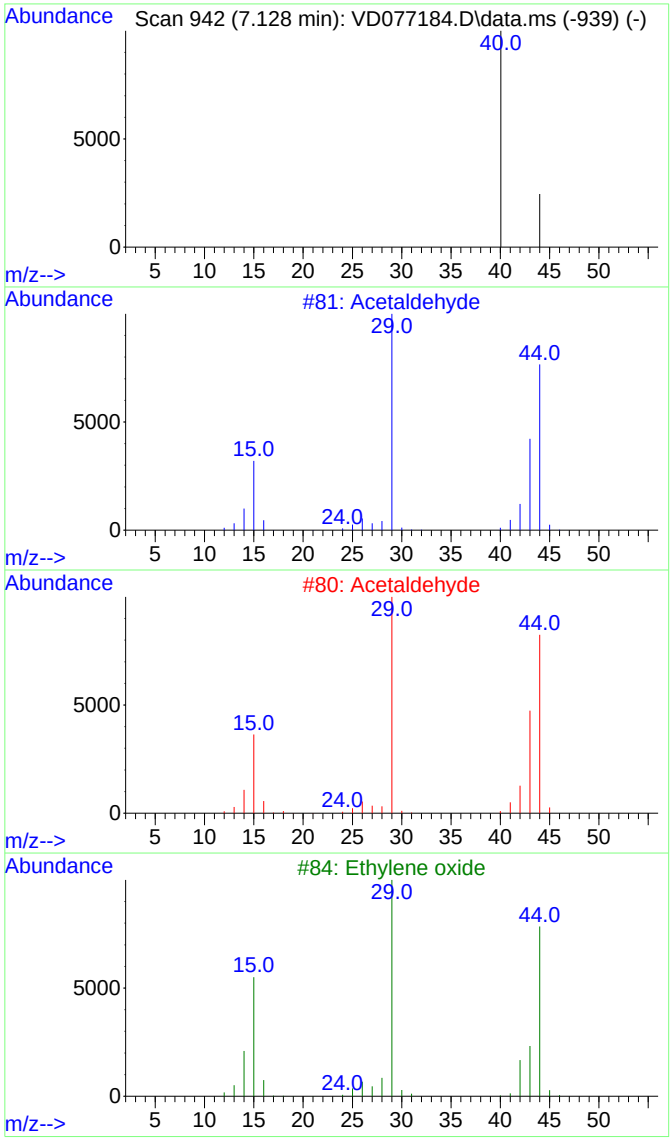
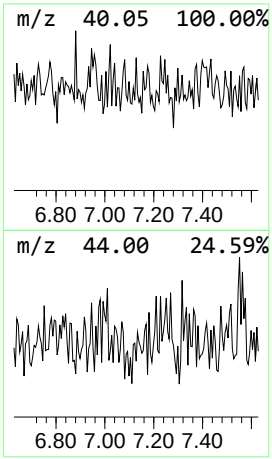
Peak Number 15 unknown-10 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	1.36 ug/L	838	1,4-Difluorobenzene	8.775

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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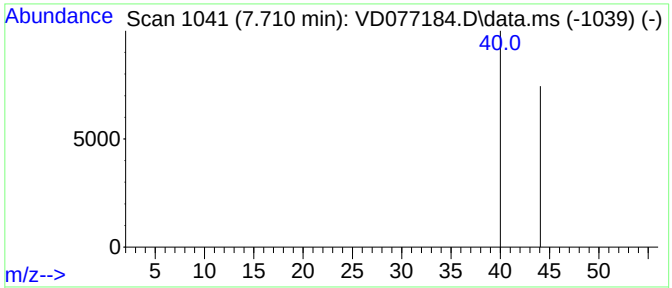
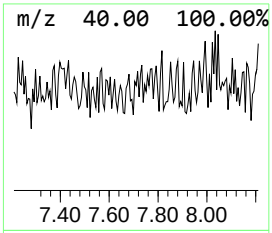
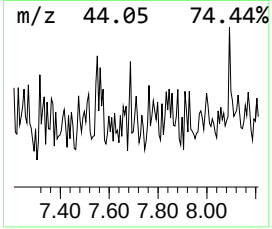
Peak Number 16 unknown-11 Concentration Rank 33

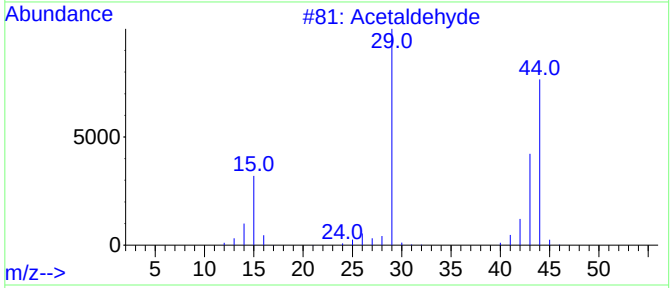
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	1.37 ug/L	846	1,4-Difluorobenzene	8.775

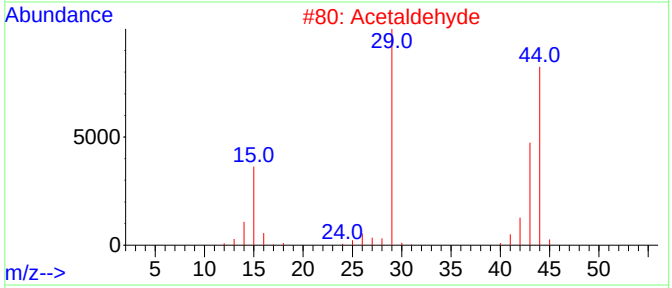
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetonitrile-d3	44	C2D3N	002206-26-0	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Carbon dioxide	44	CO2	000124-38-9	2

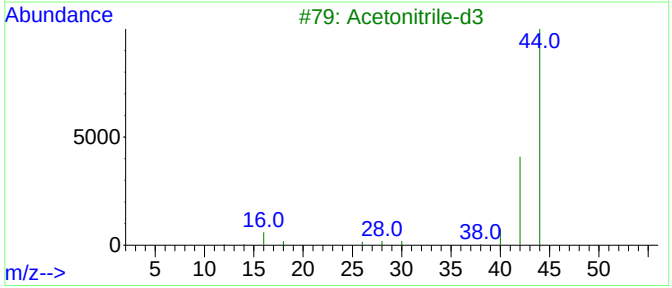












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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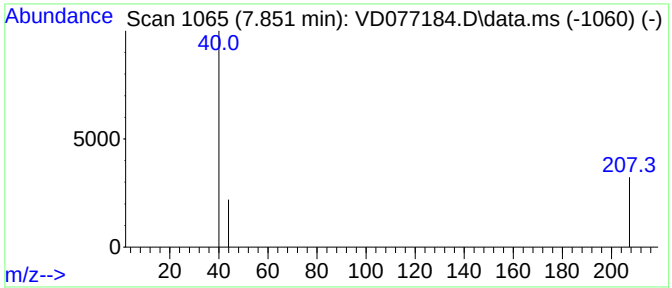
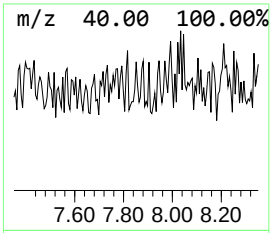
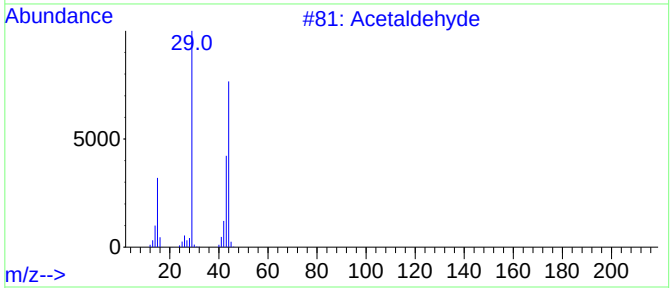
Peak Number 17 unknown-12 Concentration Rank 26

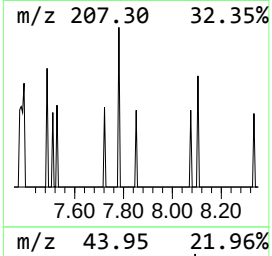
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.851	1.68 ug/L	1037	1,4-Difluorobenzene	8.775

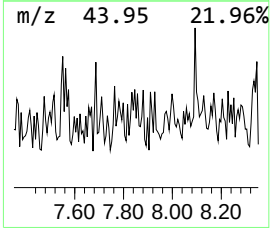
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2
5	Ethylene oxide	44	C2H4O	000075-21-8	1

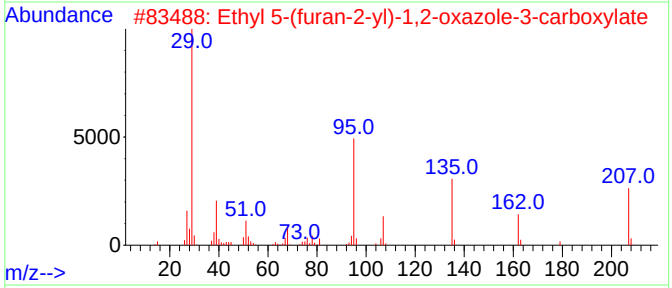


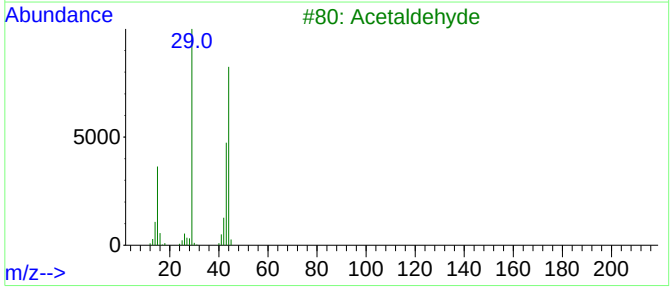












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

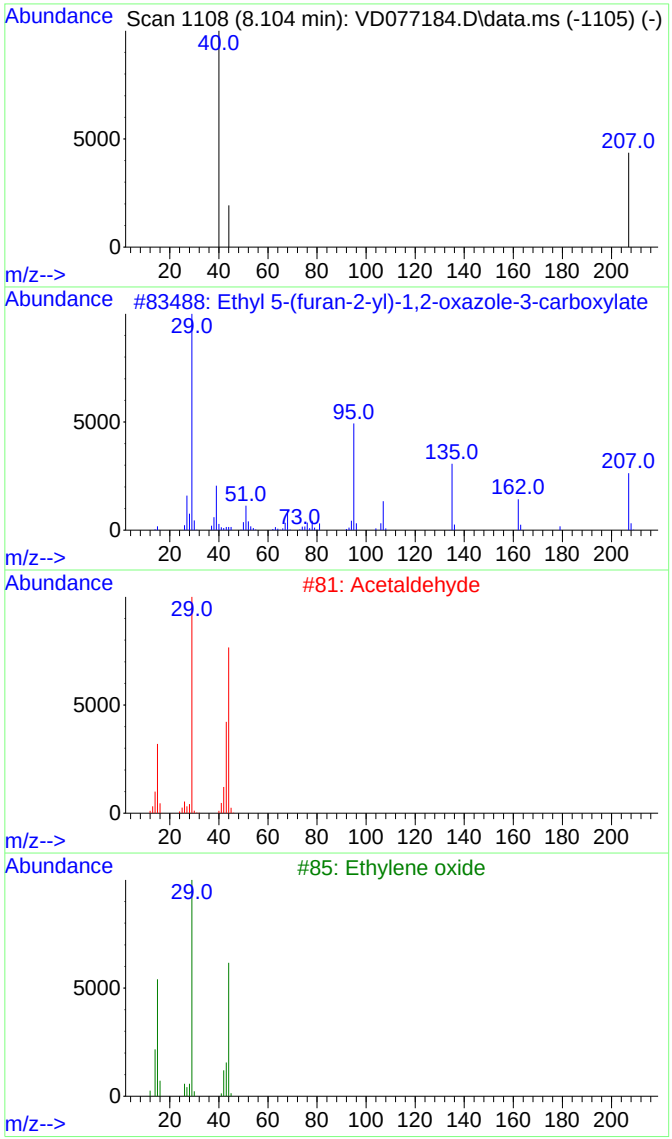
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

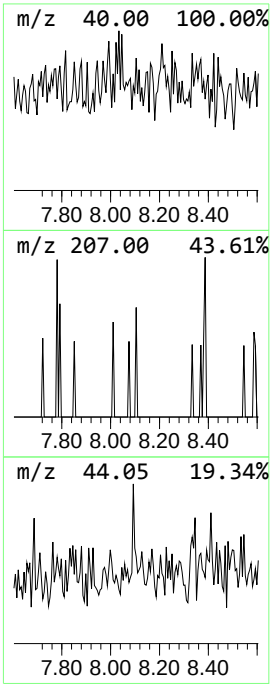
****

Peak Number 18 unknown-13 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	1.28 ug/L	789	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Ethylene oxide	44	C2H4O	000075-21-8	1
4	3-Chloro-N-[2-methyl-4(3H)-oxo-3...	369	C18H12ClN3O2S	304882-71-1	1
5	Acetaldehyde	44	C2H4O	000075-07-0	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

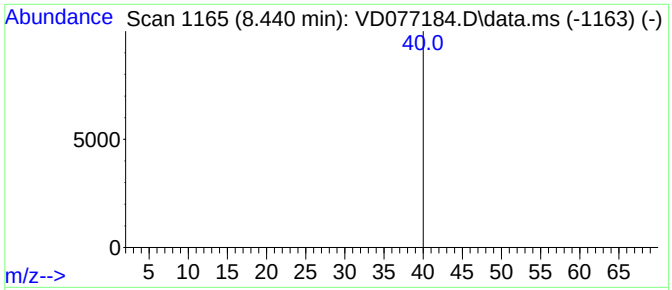
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

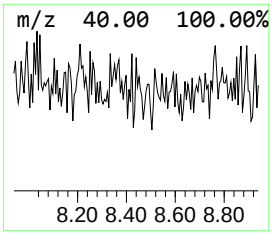
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

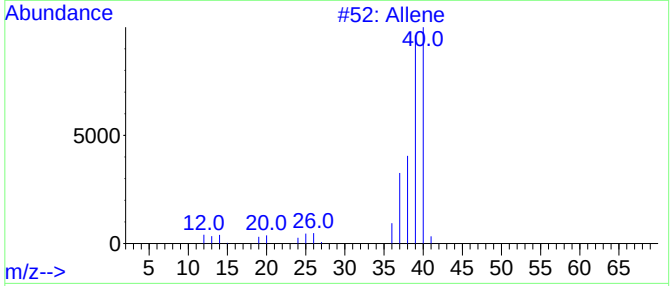
****
Peak Number 19 unknown-14 Concentration Rank 31

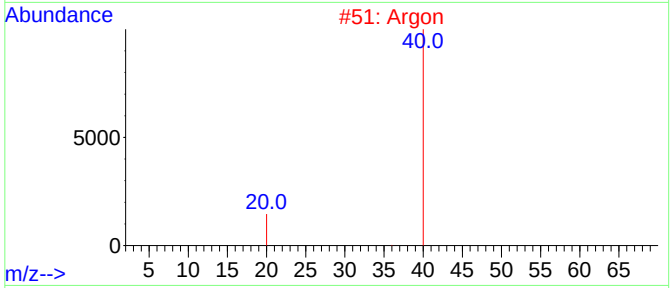
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.440	1.51 ug/L	931	1,4-Difluorobenzene	8.775

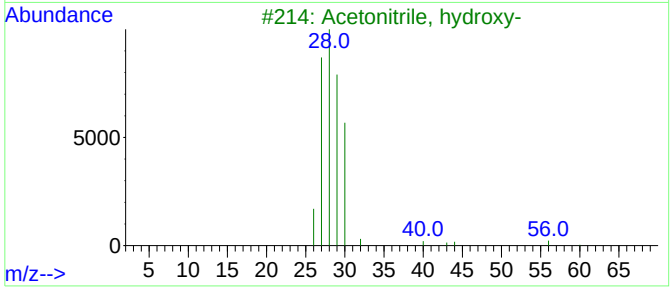
Hit# of 3	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	2
2	Argon	40	Ar	007440-37-1	2
3	Acetonitrile, hydroxy-	57	C2H3NO	000107-16-4	1











Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

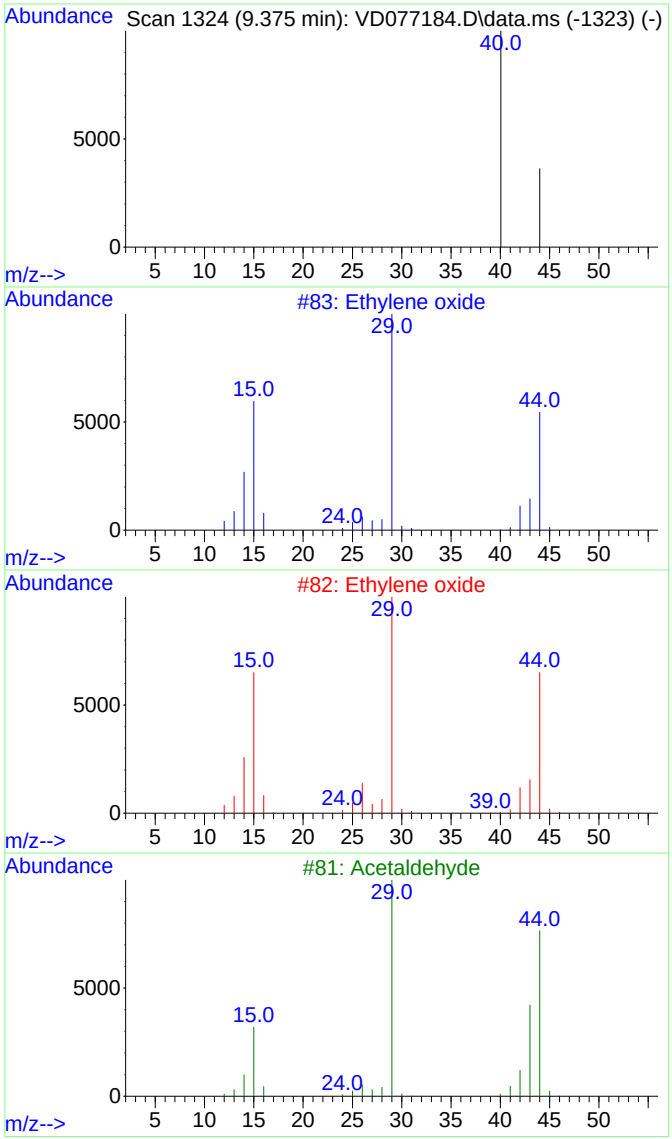
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

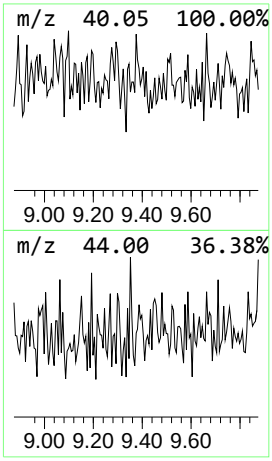
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown-15 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	1.35 ug/L	835	1,4-Difluorobenzene	8.775

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

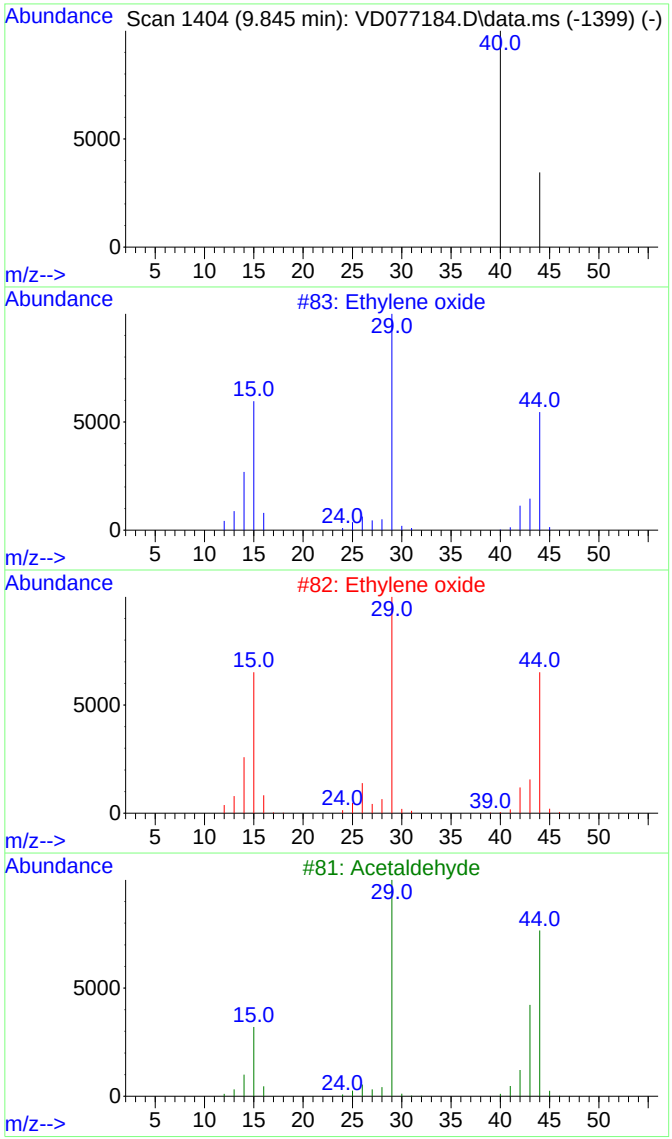
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

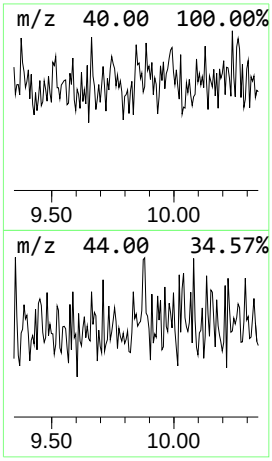
****

Peak Number 23 unknown-16 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	1.99 ug/L	1227	1,4-Difluorobenzene	8.775

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

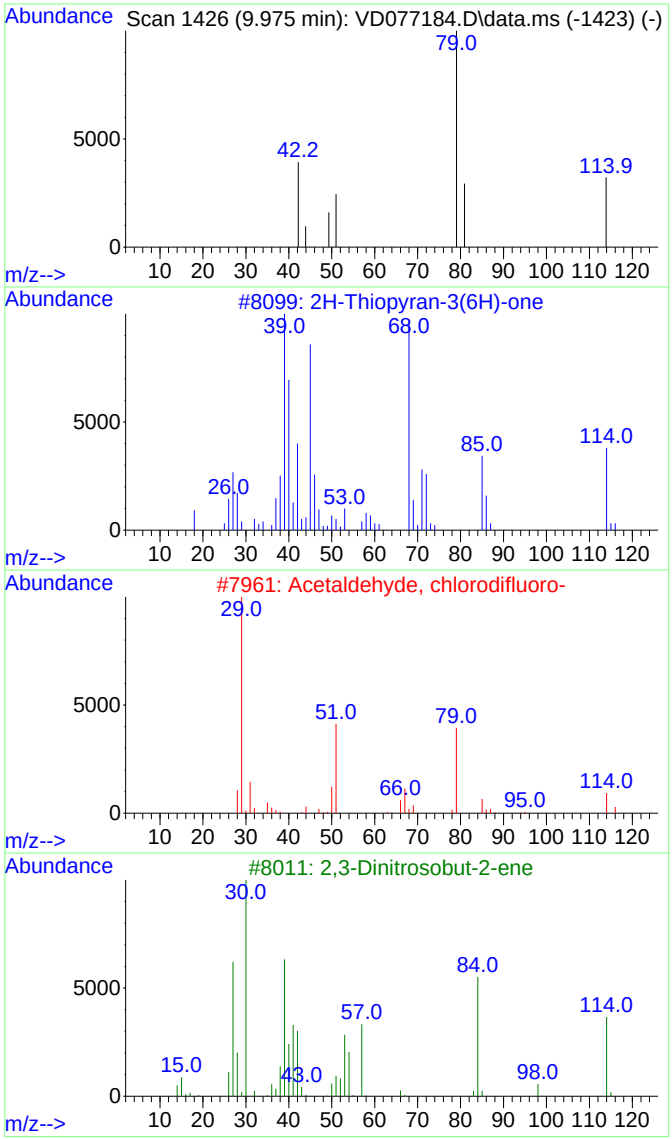
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

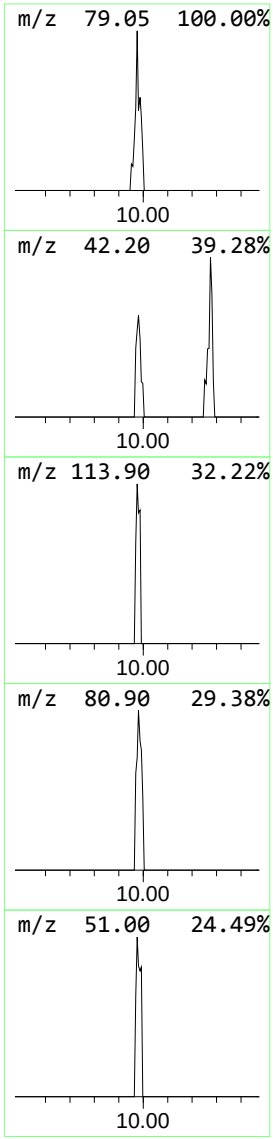
****

Peak Number 24 unknown-17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	8.94 ug/L	5524	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran-3(6H)-one	114	C5H6OS	029431-30-9	4
2	Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	4
3	2,3-Dinitrosobut-2-ene	114	C4H6N2O2	1000445-12-1	4
4	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000280-53-5	4
5	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	4





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

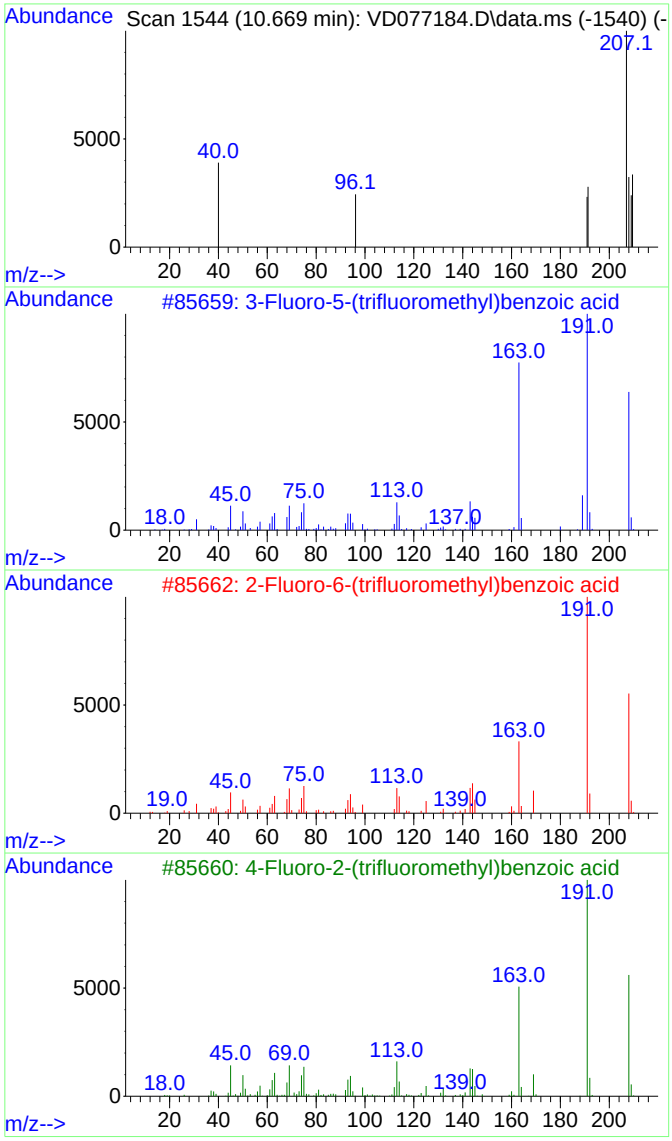
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

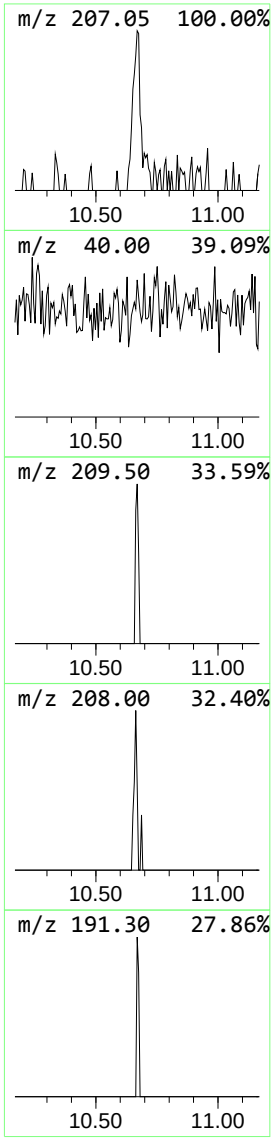
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 unknown-18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	3.50 ug/L	3270	Chlorobenzene-d5	11.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluoro-5-(trifluoromethyl)benz...	208	C8H4F4O2	161622-05-5	5
2	2-Fluoro-6-(trifluoromethyl)benz...	208	C8H4F4O2	032890-94-1	5
3	4-Fluoro-2-(trifluoromethyl)benz...	208	C8H4F4O2	1000342-47-8	5
4	4-Fluoro-3-(trifluomethyl)benzoi...	208	C8H4F4O2	067515-55-3	5
5	2-Fluoro-4-(trifluoromethyl)benz...	208	C8H4F4O2	115029-24-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

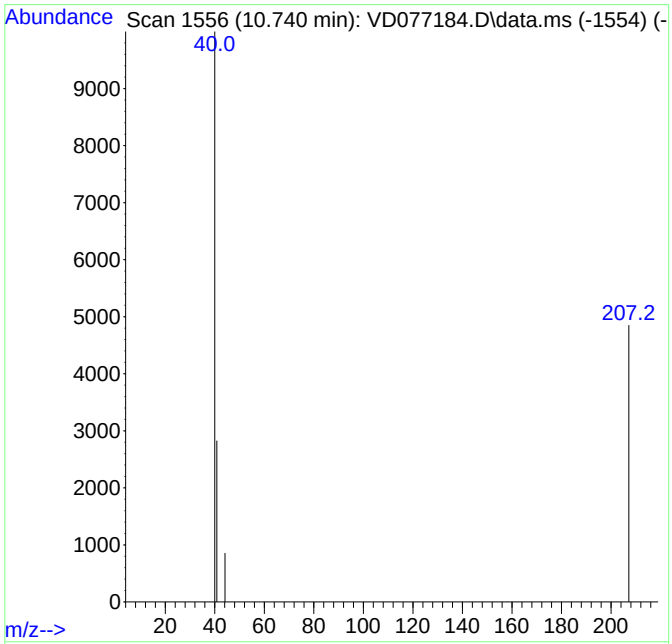
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

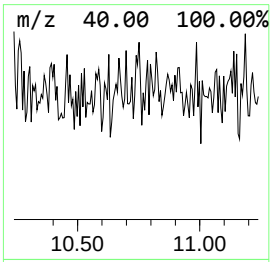
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

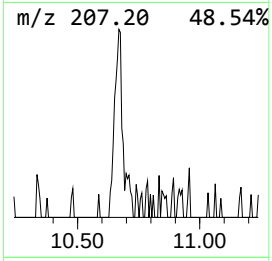
****
Peak Number 27 unknown-19 Concentration Rank 25

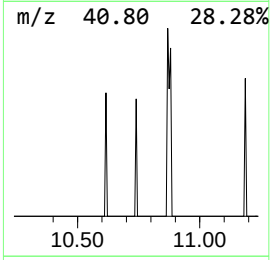
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.740	1.75 ug/L	1634	Chlorobenzene-d5	11.586

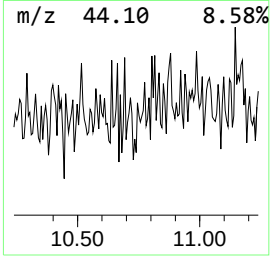
Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2

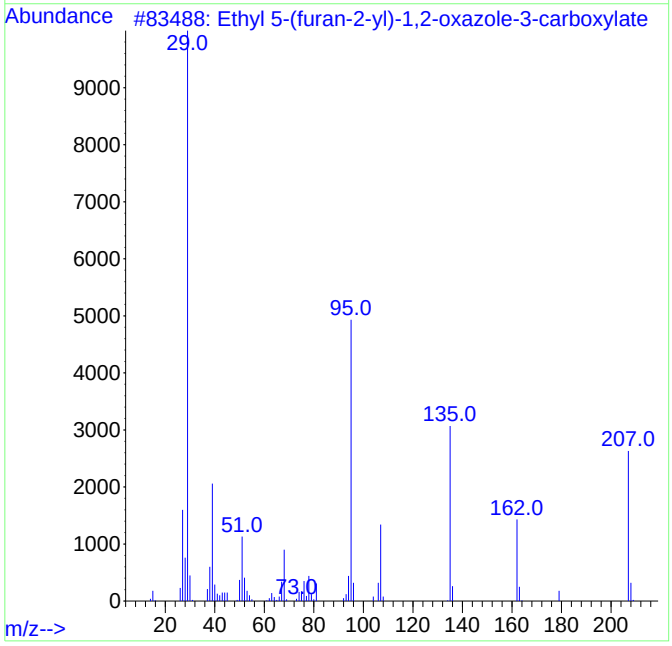












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

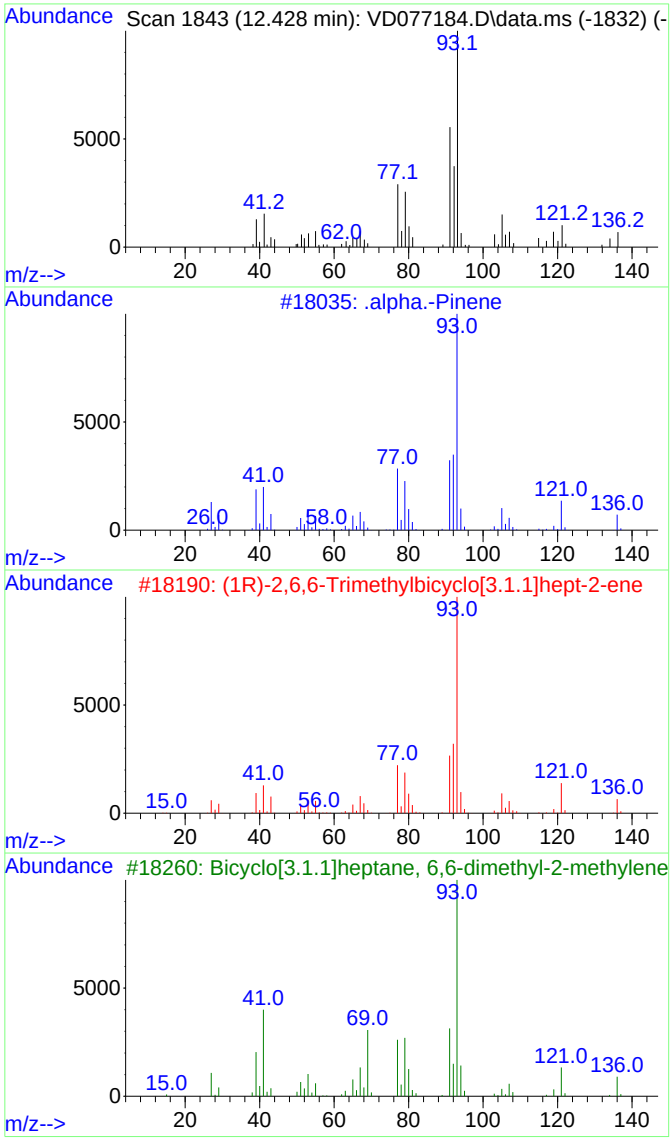
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

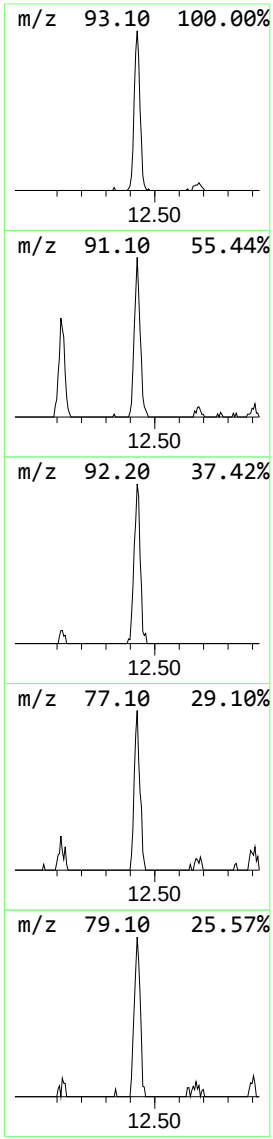
****

Peak Number 28 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.428	136.07 ug/L	126963	Chlorobenzene-d5	11.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	91
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	86
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	86
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	80





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

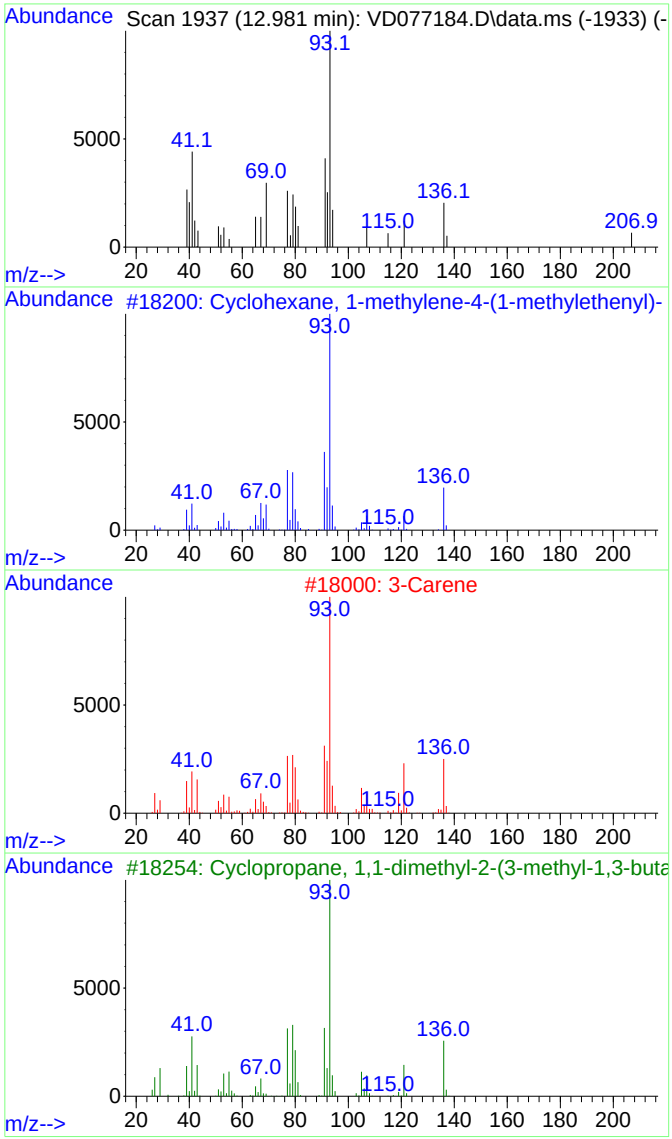
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

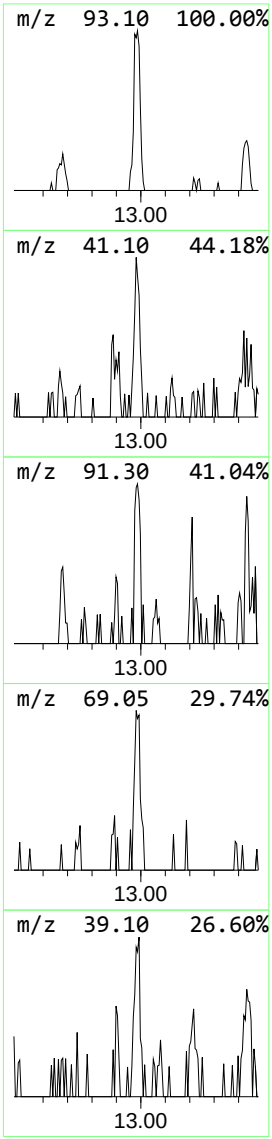
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Cyclohexane, 1-methylene-4-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.981	26.97 ug/L	26922	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	91
2	3-Carene	136	C10H16	013466-78-9	90
3	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	87
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
5	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	87





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

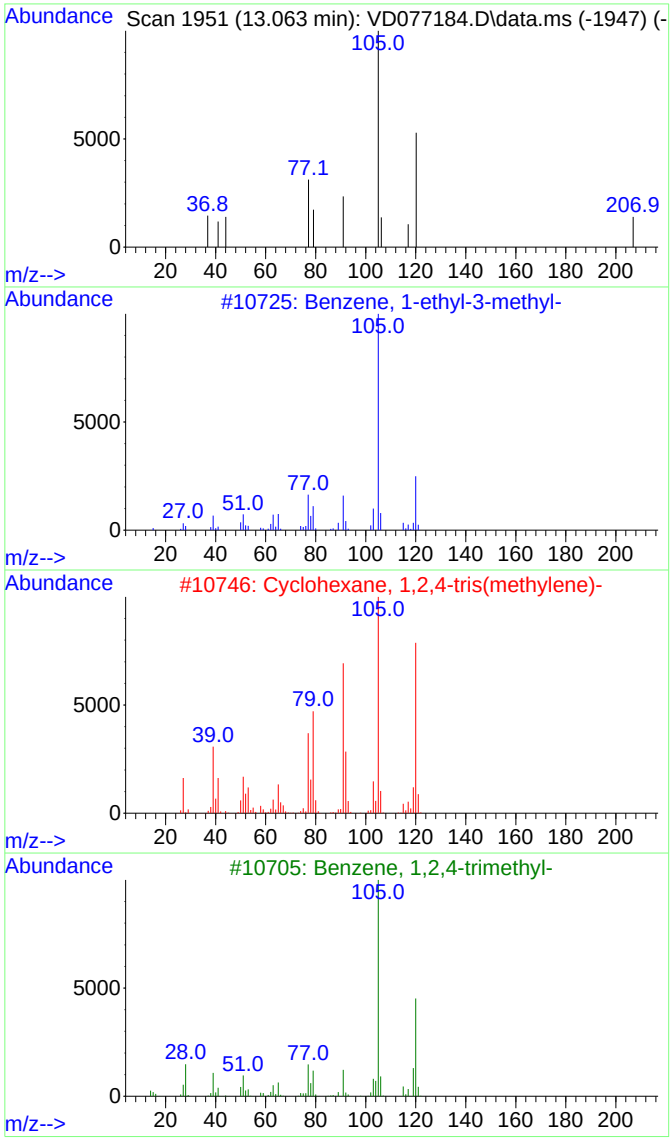
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

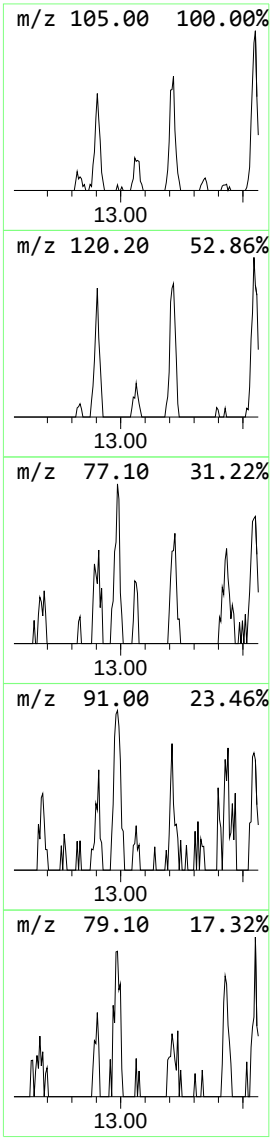
****

Peak Number 31 unknown-20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	7.71 ug/L	7699	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38
2	Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	37
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	37
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	37
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

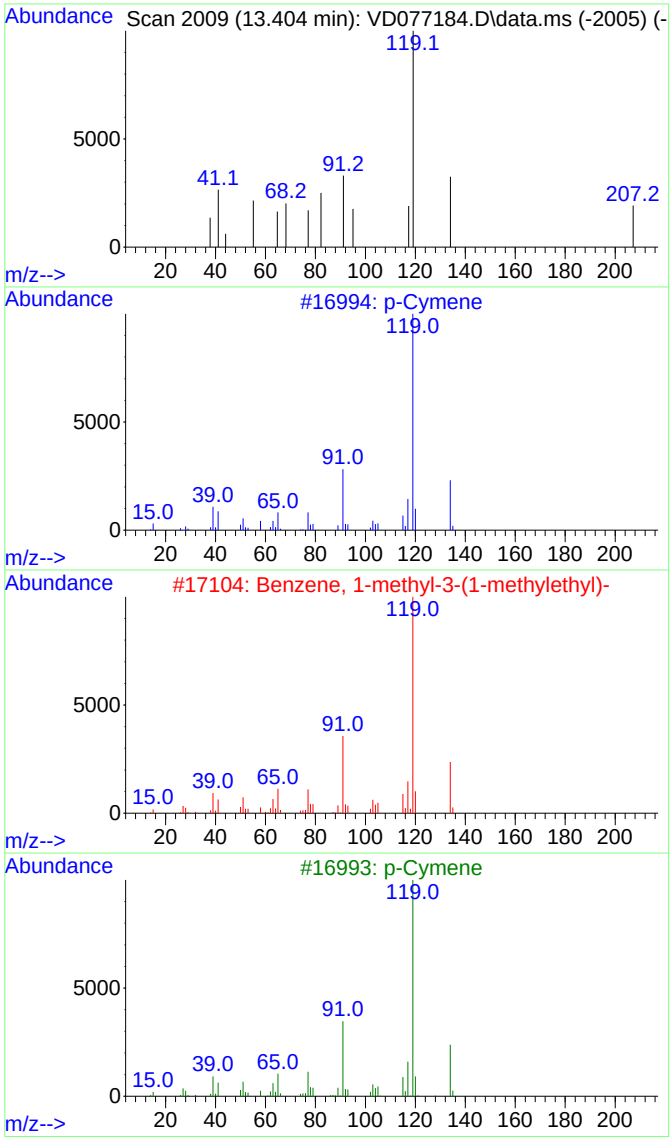
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

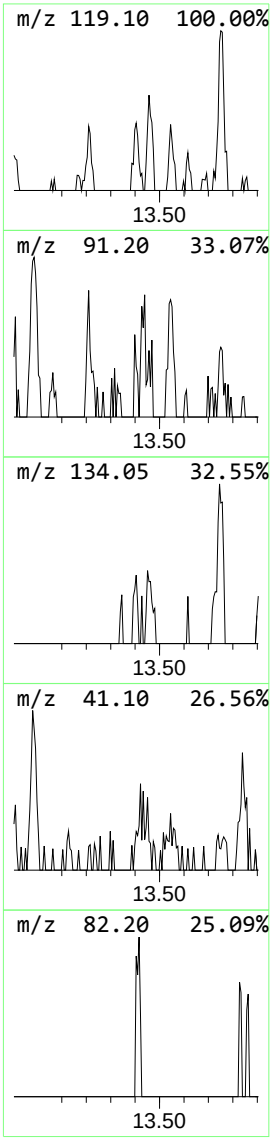
****

Peak Number 32 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	4.60 ug/L	4592	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	52
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
3	p-Cymene	134	C10H14	000099-87-6	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

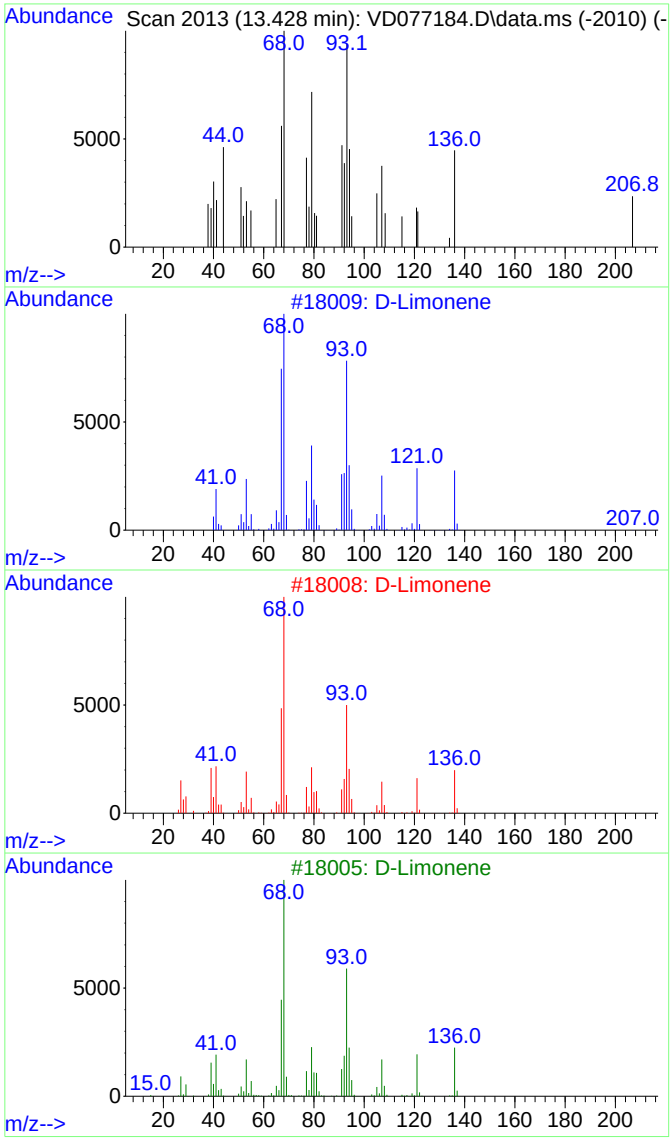
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

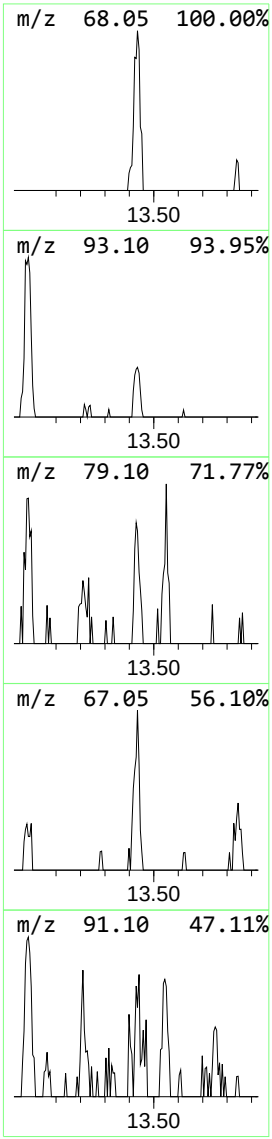
****

Peak Number 33 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.428	24.48 ug/L	24437	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	93
2	D-Limonene	136	C10H16	005989-27-5	92
3	D-Limonene	136	C10H16	005989-27-5	92
4	Limonene	136	C10H16	000138-86-3	83
5	D-Limonene	136	C10H16	005989-27-5	83





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

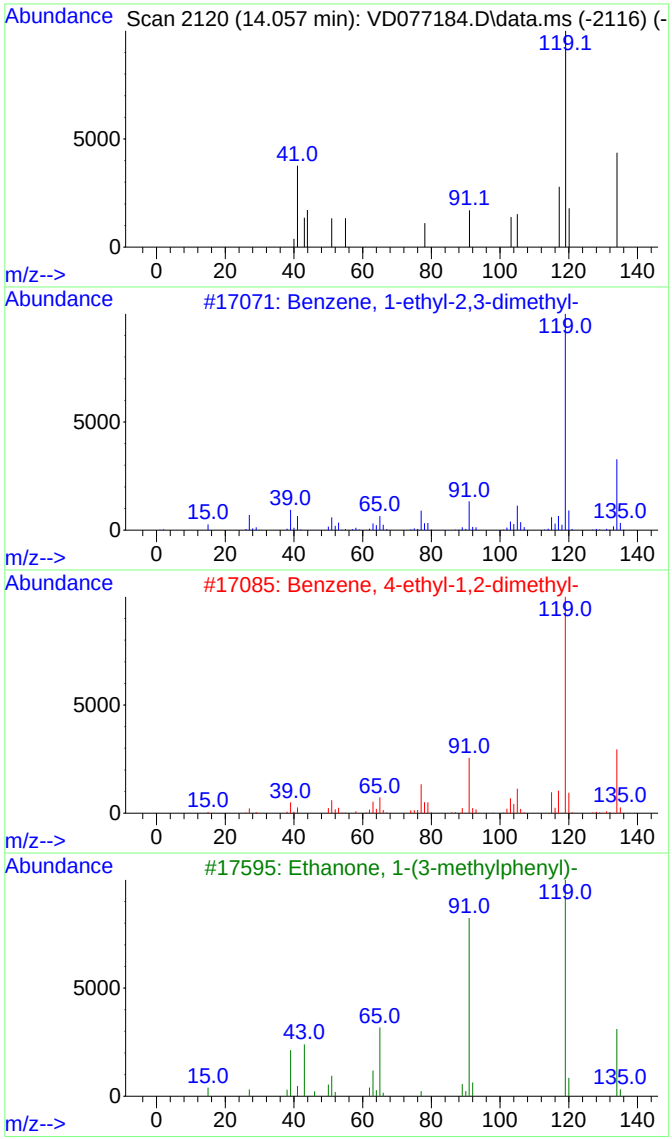
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

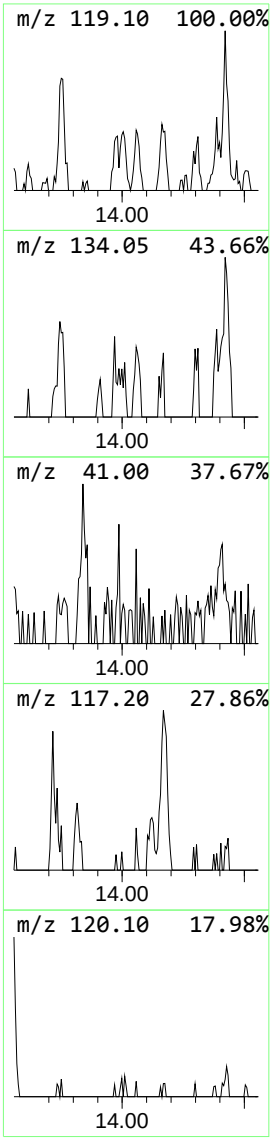
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	6.61 ug/L	6600	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	36
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	36
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

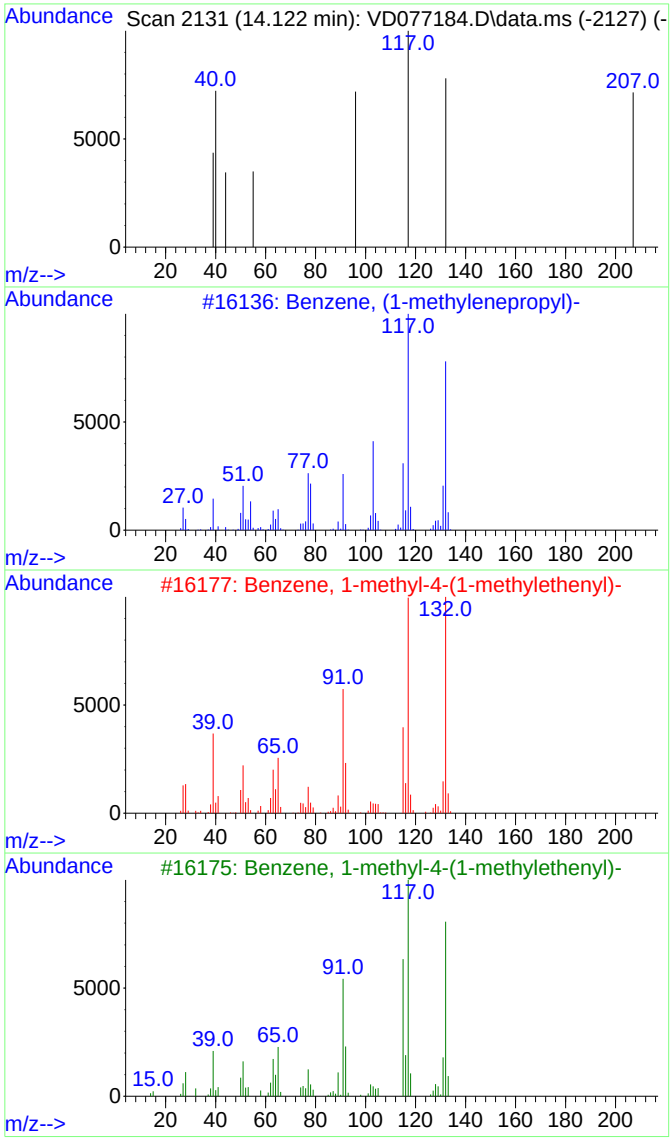
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

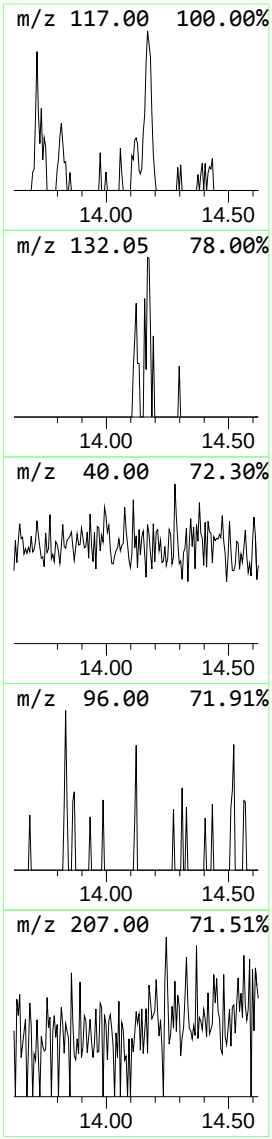
****

Peak Number 35 unknown-21 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.122	3.23 ug/L	3229	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	5
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	5
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	5
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	5
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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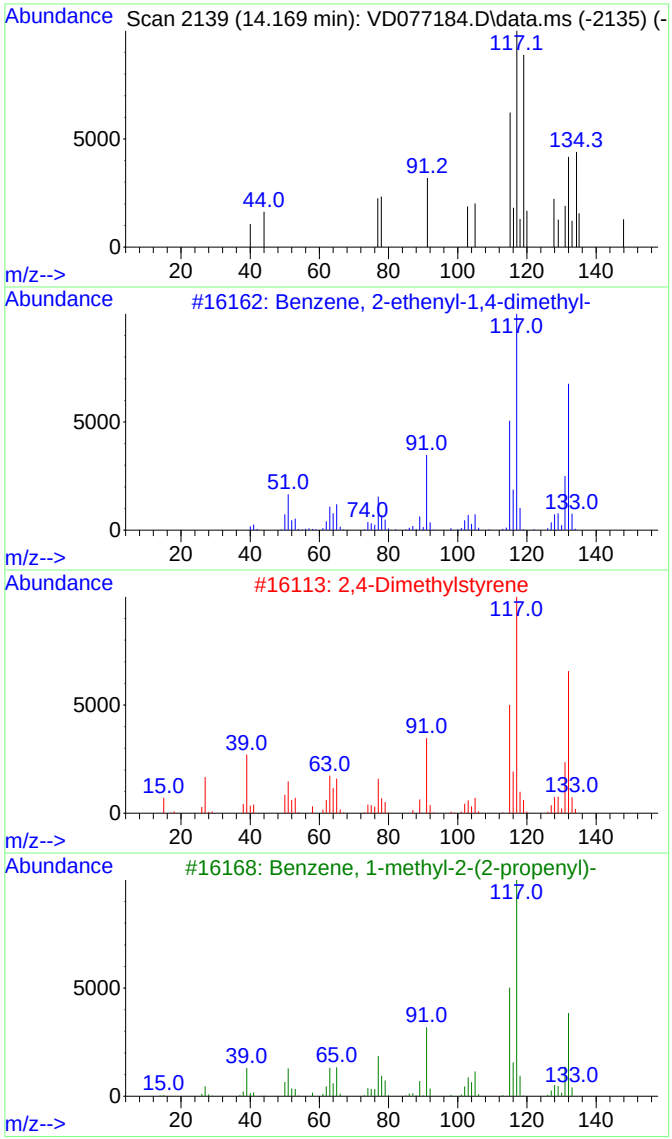
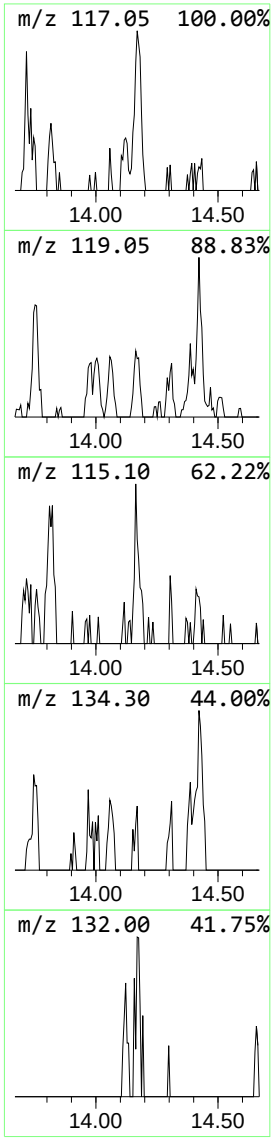
Peak Number 36 unknown-22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	12.57 ug/L	12544	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	43
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	43
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	43
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	38
5	o-Isopropenyltoluene	132	C10H12	007399-49-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

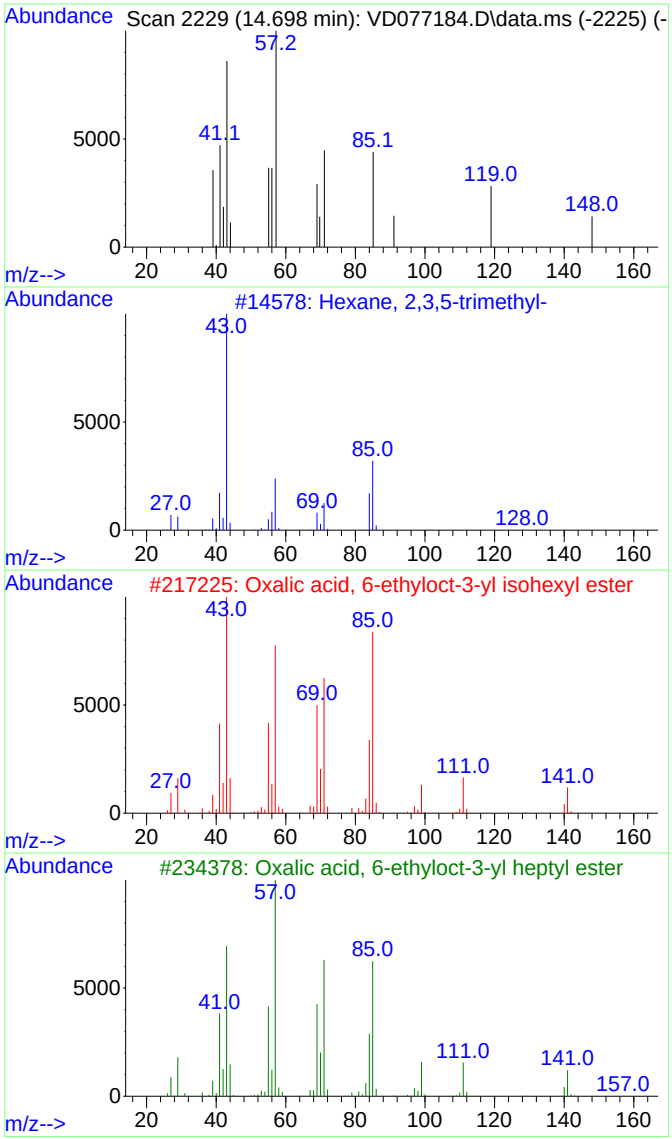
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

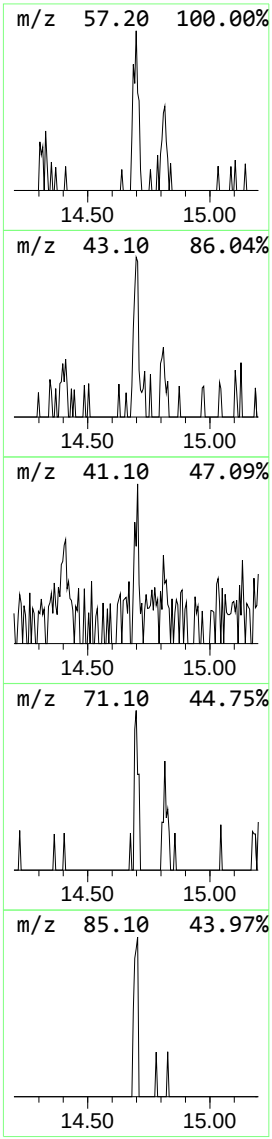
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	7.48 ug/L	7469	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
2	Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	50
3	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	47
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

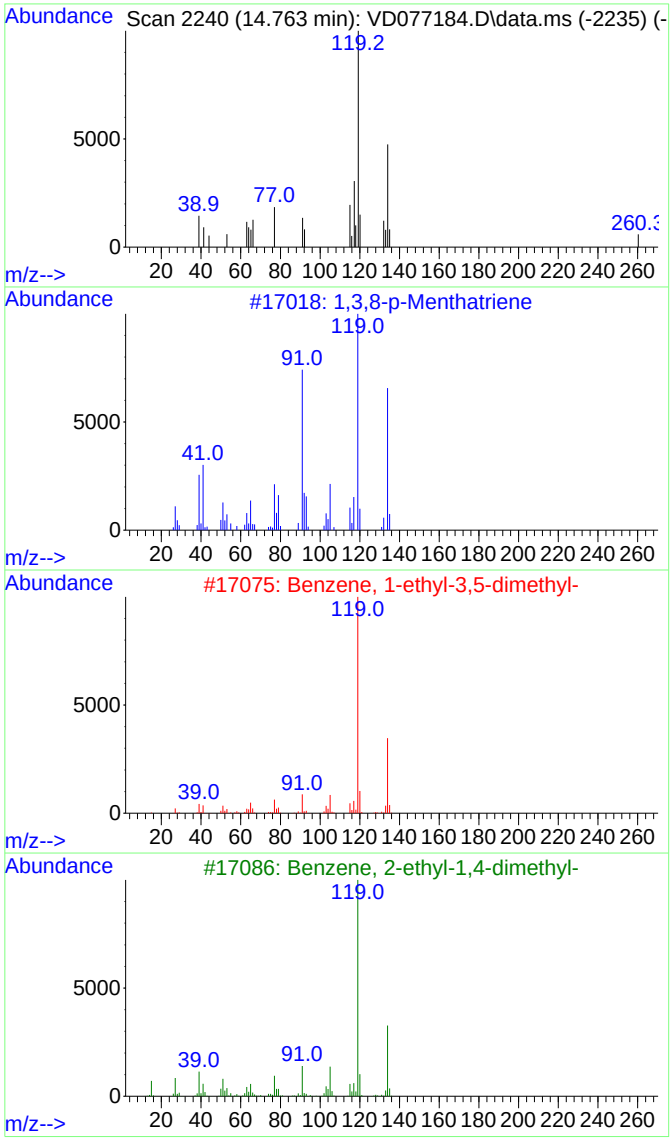
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

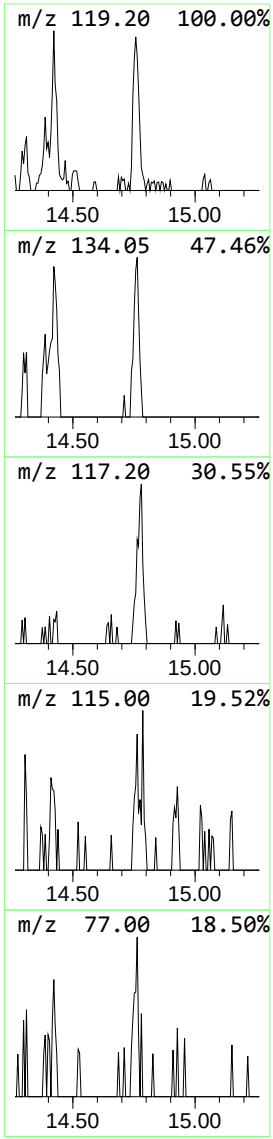
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1,3,8-p-Menthatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	23.98 ug/L	23938	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	58
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	52
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	52
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

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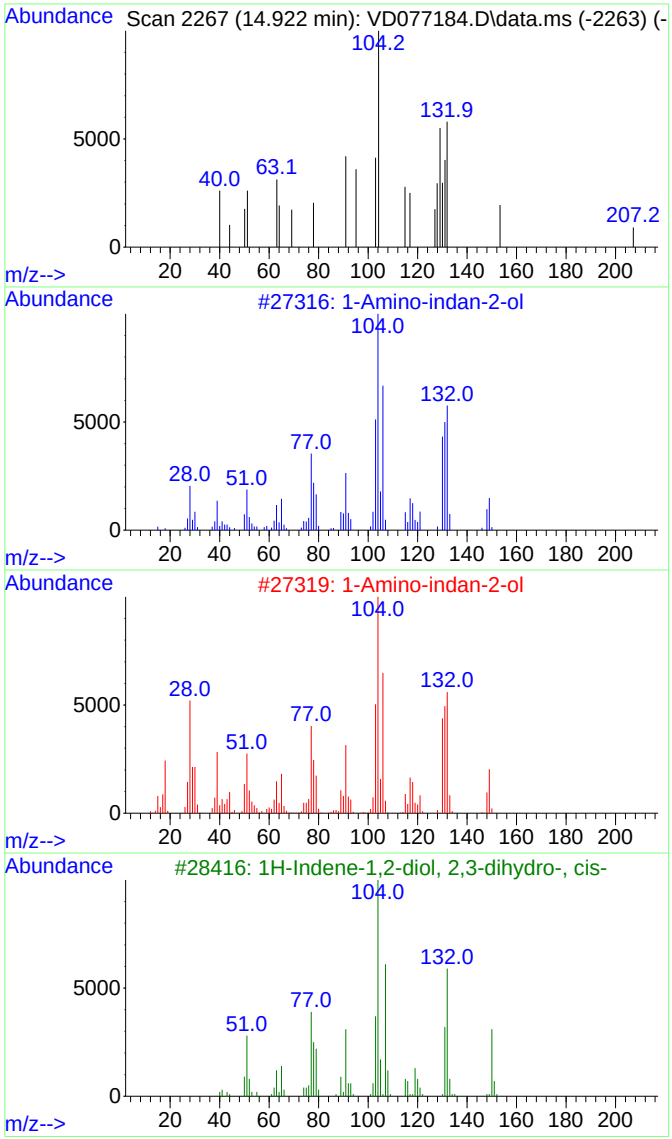
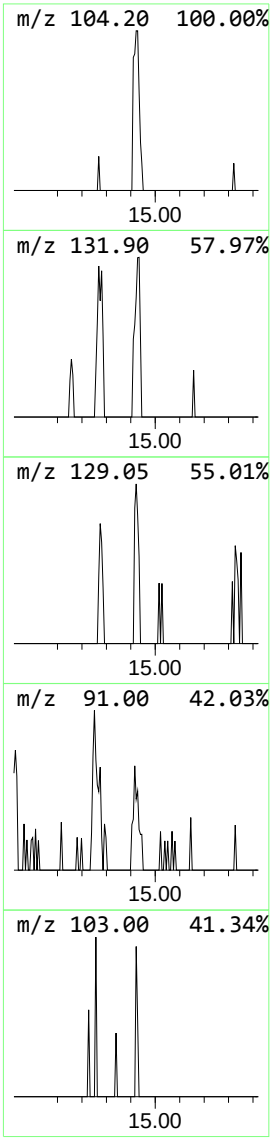
Peak Number 39 1-Amino-indan-2-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	8.05 ug/L	8033	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Amino-indan-2-ol	149	C9H11NO	074165-73-4	50
2	1-Amino-indan-2-ol	149	C9H11NO	074165-73-4	47
3	1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-42-1	43
4	1H-Indene-1,2-diol, 2,3-dihydro-	150	C9H10O2	004370-02-9	43
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38





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Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

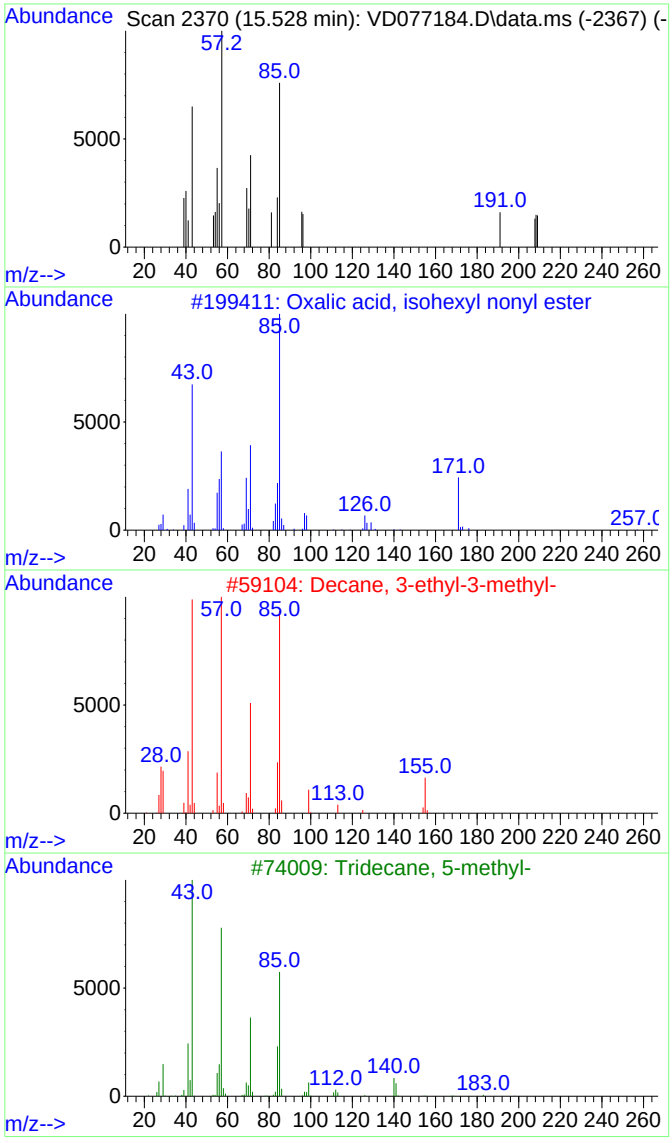
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

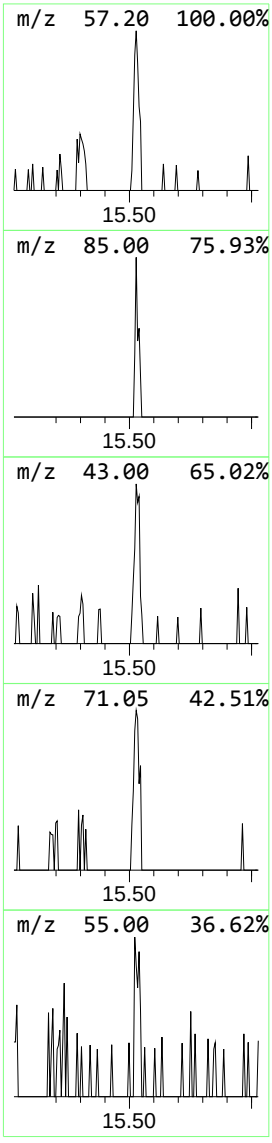
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Oxalic acid, isohexyl nonyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	9.98 ug/L	9967	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl nonyl ester	300	C17H32O4	1000309-33-2	50
2	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	40
3	Tridecane, 5-methyl-	198	C14H30	025117-31-1	36
4	Phendimetrazine	191	C12H17NO	000634-03-7	32
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077184.D
Acq On : 21 Sep 2023 16:47
Operator : JC/SY
Sample : 04527-03
Misc : 6.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	4.263	2.2	ug/L	1383	1	8.775	15449	25.0
unknown-02	4.705	1.3	ug/L	782	1	8.775	15449	25.0
unknown-03	4.775	1.8	ug/L	1118	1	8.775	15449	25.0
unknown-04	4.881	1.3	ug/L	816	1	8.775	15449	25.0
unknown-05	4.963	1.5	ug/L	952	1	8.775	15449	25.0
unknown-06	5.152	1.9	ug/L	1178	1	8.775	15449	25.0
unknown-07	5.475	1.6	ug/L	990	1	8.775	15449	25.0
unknown-08	6.216	2.0	ug/L	1255	1	8.775	15449	25.0
unknown-09	6.828	1.5	ug/L	937	1	8.775	15449	25.0
unknown-10	7.128	1.4	ug/L	838	1	8.775	15449	25.0
unknown-11	7.710	1.4	ug/L	846	1	8.775	15449	25.0
unknown-12	7.851	1.7	ug/L	1037	1	8.775	15449	25.0
unknown-13	8.104	1.3	ug/L	789	1	8.775	15449	25.0
unknown-14	8.440	1.5	ug/L	931	1	8.775	15449	25.0
unknown-15	9.375	1.4	ug/L	835	1	8.775	15449	25.0
unknown-16	9.845	2.0	ug/L	1227	1	8.775	15449	25.0
unknown-17	9.975	8.9	ug/L	5524	1	8.775	15449	25.0
unknown-18	10.669	3.5	ug/L	3270	2	11.586	23326	25.0
unknown-19	10.740	1.8	ug/L	1634	2	11.586	23326	25.0
.alpha.-Pinene	12.428	136.1	ug/L	126963	2	11.586	23326	25.0
Cyclohexane, 1-...	12.981	27.0	ug/L	26922	3	13.516	24957	25.0
unknown-20	13.063	7.7	ug/L	7699	3	13.516	24957	25.0
p-Cymene	13.404	4.6	ug/L	4592	3	13.516	24957	25.0
D-Limonene	13.428	24.5	ug/L	24437	3	13.516	24957	25.0
Benzene, 1-ethy...	14.057	6.6	ug/L	6600	3	13.516	24957	25.0
unknown-21	14.122	3.2	ug/L	3229	3	13.516	24957	25.0
unknown-22	14.169	12.6	ug/L	12544	3	13.516	24957	25.0
(DEL) Alkane: S...	14.698	7.5	ug/L	7469	3	13.516	24957	25.0
1,3,8-p-Menthat...	14.763	24.0	ug/L	23938	3	13.516	24957	25.0
1-Amino-indan-2-ol	14.922	8.1	ug/L	8033	3	13.516	24957	25.0
Oxalic acid, is...	15.528	10.0	ug/L	9967	3	13.516	24957	25.0