LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

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\SFAMDLM042023SMA.M
Title : SFAM01.0

Signal : TIC: VD075848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.681	13	16	17	rBV	707	751	0.24%	0.095%
2	1.740	19	26	35	rVV	157720	316987	100.00%	40.297%
3	2.087	83	85	87	rBV	649	451	0.14%	0.057%
4	2.146	92	95	97	rBV2	1516	1770	0.56%	0.225%
5	2.746	196	197	199	rBV	674	597	0.19%	0.076%
6	2.805	203	207	213	rVV3	3306	6315	1.99%	0.803%
7	2.869	216	218	221	rBV2	617	562	0.18%	0.071%
8	3.146	262	265	266	rBV2	572	711	0.22%	0.090%
9	3.316	292	294	296	rVB	640	484	0.15%	0.062%
10	3.416	309	311	312	rBV	895	644	0.20%	0.082%
11	3.740	365	366	370	rBV	626	654	0.21%	0.083%
12	3.775	370	372	374	rVV	440	411	0.13%	0.052%
13	3.863	384	387	390	rBV2	631	1034	0.33%	0.131%
14	3.922	390	397	405	rVB6	4232	10559	3.33%	1.342%
15	3.981	405	407	408	rBV	458	383	0.12%	0.049%
16	4.005	410	411	414	rVV	626	557	0.18%	0.071%
17	4.034	414	416	419	rVV3	599	589	0.19%	0.075%
18	4.116	429	430	433	rVB2	736	688	0.22%	0.087%
19	4.146	433	435	437	rBV	796	856	0.27%	0.109%
20	4.305	460	462	467	rVB2	708	743	0.23%	0.094%
21	4.469	488	490	493	rVB2	680	493	0.16%	0.063%
22	4.552	501	504	506	rBV2	580	716	0.23%	0.091%
23	4.575	506	508	511	rBV	572	391	0.12%	0.050%
24	4.634	516	518	520	rVV	859	441	0.14%	0.056%
25	4.781	541	543	547	rBV4	949	1483	0.47%	0.189%
26	4.899	561	563	565	rBV2	466	397	0.13%	0.050%
27	5.105	595	598	599	rBV	378	399	0.13%	0.051%
28	5.134	601	603	605	rVB2	566	424	0.13%	0.054%
29	5.216	615	617	619	rBV	565	375	0.12%	0.048%
30	5.487	661	663	665	rBV	562	500	0.16%	0.064%
31	5.510	665	667	669	rVB2	728	520	0.16%	0.066%
32	5.546	669	673	674	rBV2	650	623	0.20%	0.079%
33	5.752	706	708	710	rBV	588	414	0.13%	0.053%
34	6.281	796	798	799	rBV	579	455	0.14%	0.058%
35	6.299	799	801	804	rVV	607	502	0.16%	0.064%
36	6.416	818	821	822	rBV2	455	433	0.14%	0.055%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

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\SFAMDLM042023SMA.M
Title : SFAM01.0

37	6.452	825	827	830	rVV2	482	585	0.18%	0.074%
38	6.505	834	836	838	rBV2	388	408	0.13%	0.052%
39	6.534	838	841	844	rBV2	400	501	0.16%	0.064%
40	6.716	868	872	877	rBV2	720	1406	0.44%	0.179%
41	6.752	877	878	881	rVV2	622	394	0.12%	0.050%
42	6.787	881	884	886	rVV2	580	551	0.17%	0.070%
43	6.822	889	890	893	rBV2	475	472	0.15%	0.060%
44	6.910	903	905	909	rVB2	676	468	0.15%	0.059%
45	6.987	909	918	926	rBV4	2455	8098	2.55%	1.029%
46	7.152	945	946	949	rBV2	766	702	0.22%	0.089%
47	7.246	959	962	963	rBV2	804	562	0.18%	0.071%
48	7.269	963	966	968	rVV2	420	395	0.12%	0.050%
49	7.340	975	978	979	rBV	573	615	0.19%	0.078%
50	7.516	1004	1008	1009	rBV	710	905	0.29%	0.115%
51	7.569	1009	1017	1024	rVV3	8466	22305	7.04%	2.836%
52	7.628	1026	1027	1031	rBV2	440	592	0.19%	0.075%
53	7.763	1048	1050	1052	rVB	696	522	0.16%	0.066%
54	7.793	1052	1055	1056	rBV	740	539	0.17%	0.069%
55	7.810	1056	1058	1060	rBV2	465	423	0.13%	0.054%
56	8.204	1117	1125	1137	rBV3	14390	43434	13.70%	5.522%
57	8.422	1160	1162	1163	rBV	779	644	0.20%	0.082%
58	8.487	1172	1173	1176	rBV	594	386	0.12%	0.049%
59	8.540	1181	1182	1185	rBV	766	442	0.14%	0.056%
60	8.716	1210	1212	1214	rBV	577	408	0.13%	0.052%
61	8.775	1216	1222	1231	rVV	11742	23431	7.39%	2.979%
62	9.069	1269	1272	1273	rBV	518	410	0.13%	0.052%
63	9.210	1290	1296	1305	rVB2	10704	21621	6.82%	2.749%
64	9.534	1350	1351	1354	rBV	606	579	0.18%	0.074%
65	9.981	1421	1427	1432	rBV4	3780	6547	2.07%	0.832%
66	10.169	1456	1459	1460	rBV	815	768	0.24%	0.098%
67	10.269	1471	1476	1482	rBV2	11578	19692	6.21%	2.503%
68	10.522	1515	1519	1526	rVB3	2773	4354	1.37%	0.554%
69	10.881	1575	1580	1588	rVB2	5946	9833	3.10%	1.250%
70	10.993	1595	1599	1601	rBV2	792	957	0.30%	0.122%
71	11.169	1628	1629	1632	rVB	601	387	0.12%	0.049%
72	11.304	1649	1652	1655	rBV	768	796	0.25%	0.101%
73	11.340	1655	1658	1659	rBV	957	663	0.21%	0.084%
74	11.387	1663	1666	1667	rBV2	669	786	0.25%	0.100%
75	11.581	1694	1699	1709	rVB2	13292	23598	7.44%	3.000%
76	11.728	1722	1724	1727	rBV2	740	920	0.29%	0.117%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

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\SFAMDLM042023SMA.M
Title : SFAM01.0

77	11.804	1736	1737	1739	rBV	717	432	0.14%	0.055%
78	11.957	1760	1763	1766	rBV2	576	746	0.24%	0.095%
79	12.116	1788	1790	1791	rBV	708	552	0.17%	0.070%
80	12.157	1795	1797	1800	rBV2	592	792	0.25%	0.101%
81	12.304	1820	1822	1824	rBV2	506	485	0.15%	0.062%
82	12.428	1836	1843	1852	rVB	80335	138163	43.59%	17.564%
83	12.492	1852	1854	1855	rBV2	648	522	0.16%	0.066%
84	12.587	1868	1870	1873	rBV	953	1072	0.34%	0.136%
85	12.651	1876	1881	1890	rVB4	15402	30496	9.62%	3.877%
86	12.804	1905	1907	1909	rVB2	837	378	0.12%	0.048%
87	12.869	1917	1918	1921	rBV2	561	654	0.21%	0.083%
88	12.987	1933	1938	1943	rVB2	13402	22847	7.21%	2.904%
89	13.169	1966	1969	1972	rBV3	887	1090	0.34%	0.139%
90	13.234	1977	1980	1986	rVB3	3922	5476	1.73%	0.696%
91	13.287	1986	1989	1990	rBV2	673	755	0.24%	0.096%
92	13.434	2011	2014	2015	rBV2	3618	3398	1.07%	0.432%
93	13.522	2024	2029	2039	rVB2	6912	10804	3.41%	1.373%
94	13.628	2045	2047	2048	rBV2	842	574	0.18%	0.073%
95	13.781	2069	2073	2074	rBV2	831	941	0.30%	0.120%
96	13.810	2074	2078	2084	rVV3	4938	8312	2.62%	1.057%
97	14.134	2131	2133	2134	rVB	1321	607	0.19%	0.077%
98	14.557	2203	2205	2207	rBV2	868	722	0.23%	0.092%
99	14.975	2275	2276	2279	rVB2	1256	682	0.22%	0.087%
100	16.651	2560	2561	2562	rBV	1538	716	0.23%	0.091%

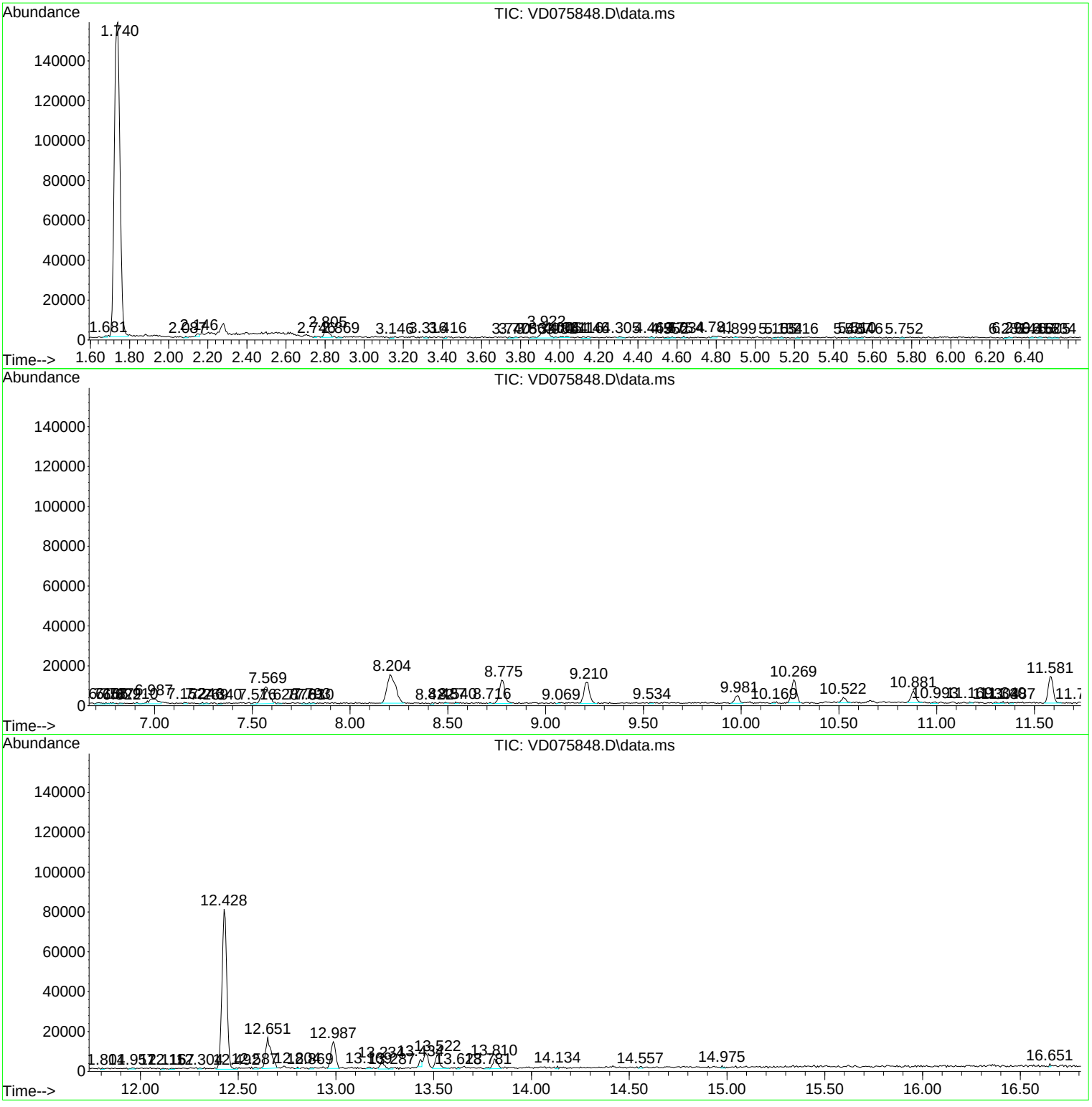
Sum of corrected areas: 786627

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

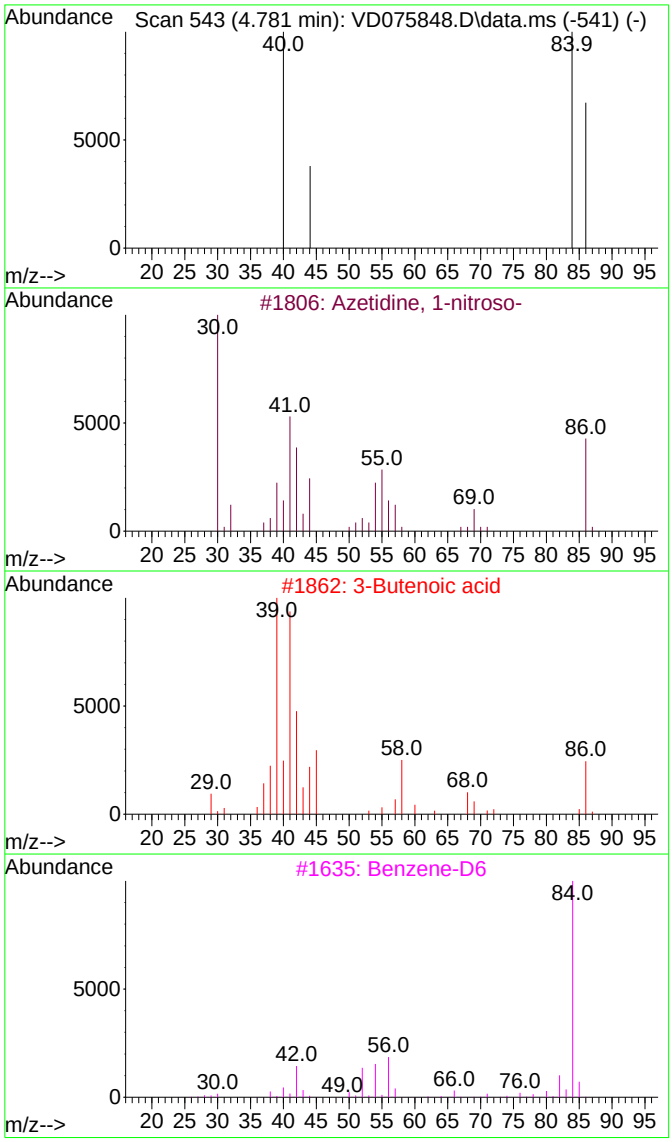
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

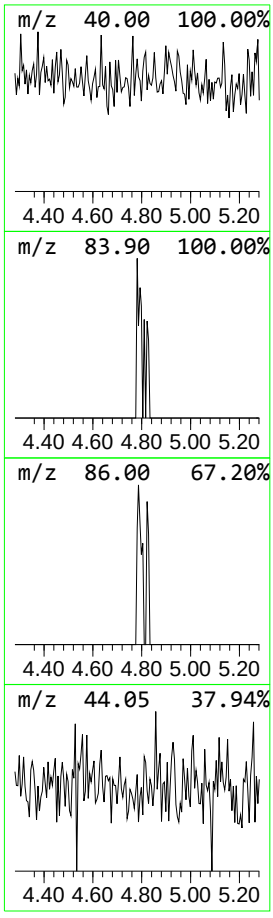
****

Peak Number 3 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.781	1.58 ug/L	1483	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	4
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	Benzene-D6	84	C6D6	001076-43-3	2
4	3-Aminoisoxazole	84	C3H4N2O	001750-42-1	2
5	Dicyandiamide	84	C2H4N4	000461-58-5	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

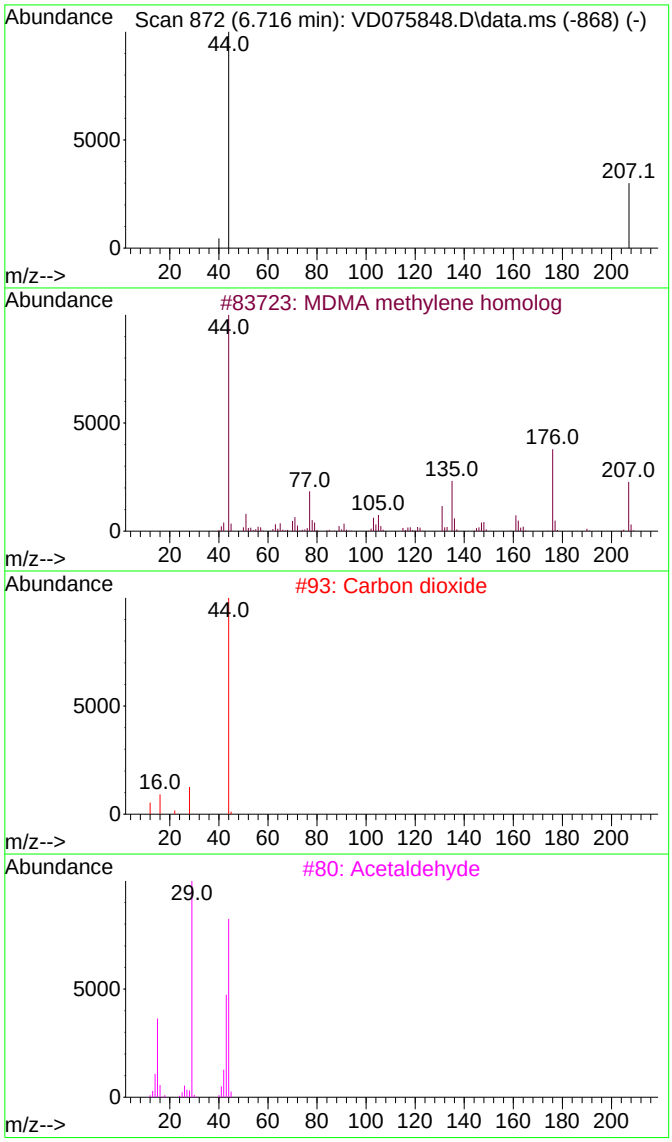
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

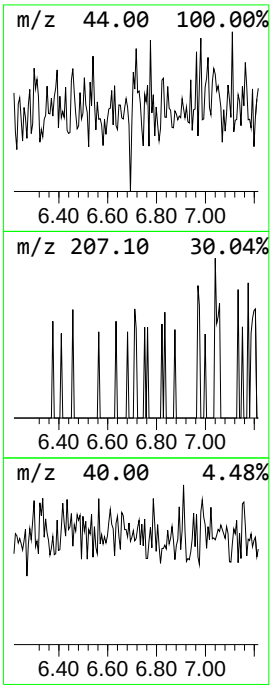
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	1.50 ug/L	1406	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	MDMA methylene homolog	207	C12H17NO2	1010386-32-2	4
2	Carbon dioxide	44	CO2	000124-38-9	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Acetonitrile-d3	44	C2D3N	002206-26-0	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

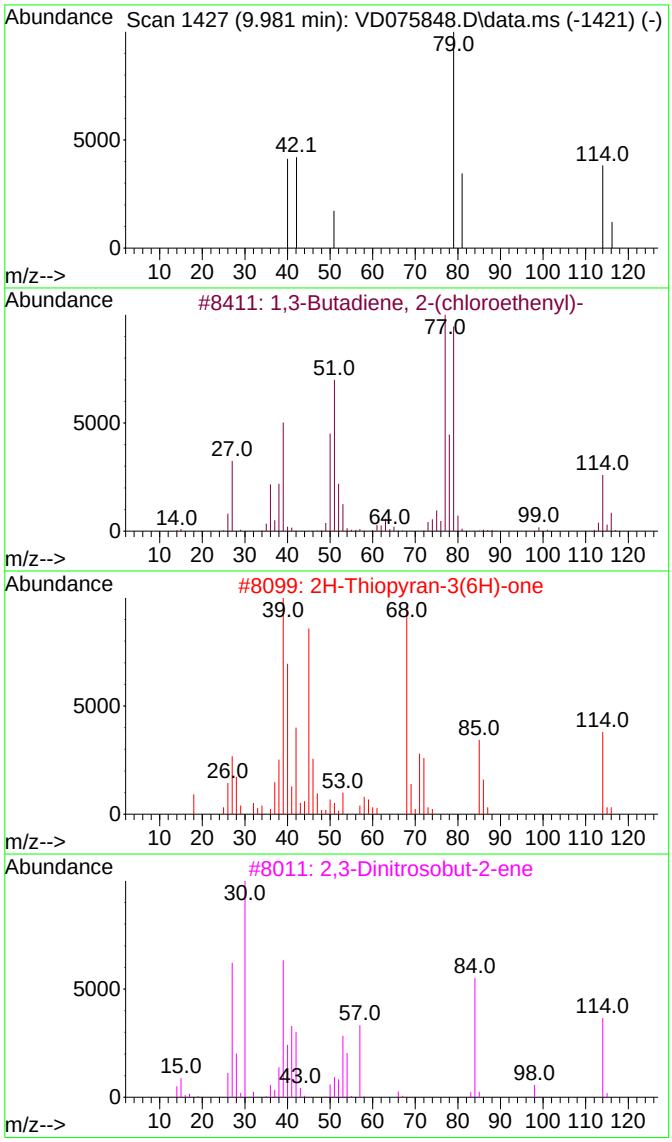
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

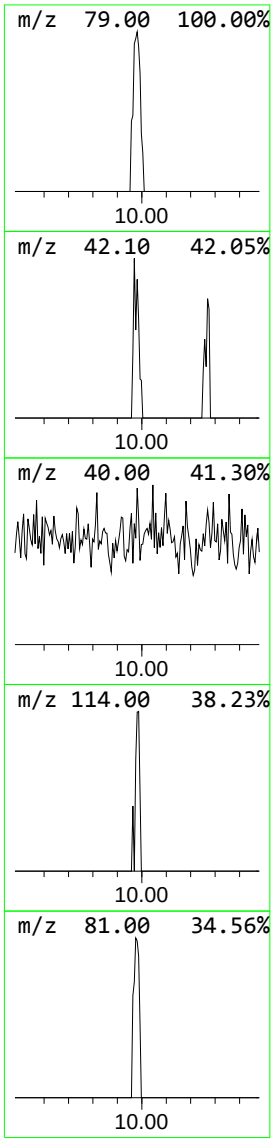
****

Peak Number 5 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.981	6.99 ug/L	6547	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2-(chloroethenyl)-	114	C6H7Cl	080297-56-9	9
2	2H-Thiopyran-3(6H)-one	114	C5H6OS	029431-30-9	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	Muscimol	114	C4H6N2O2	002763-96-4	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

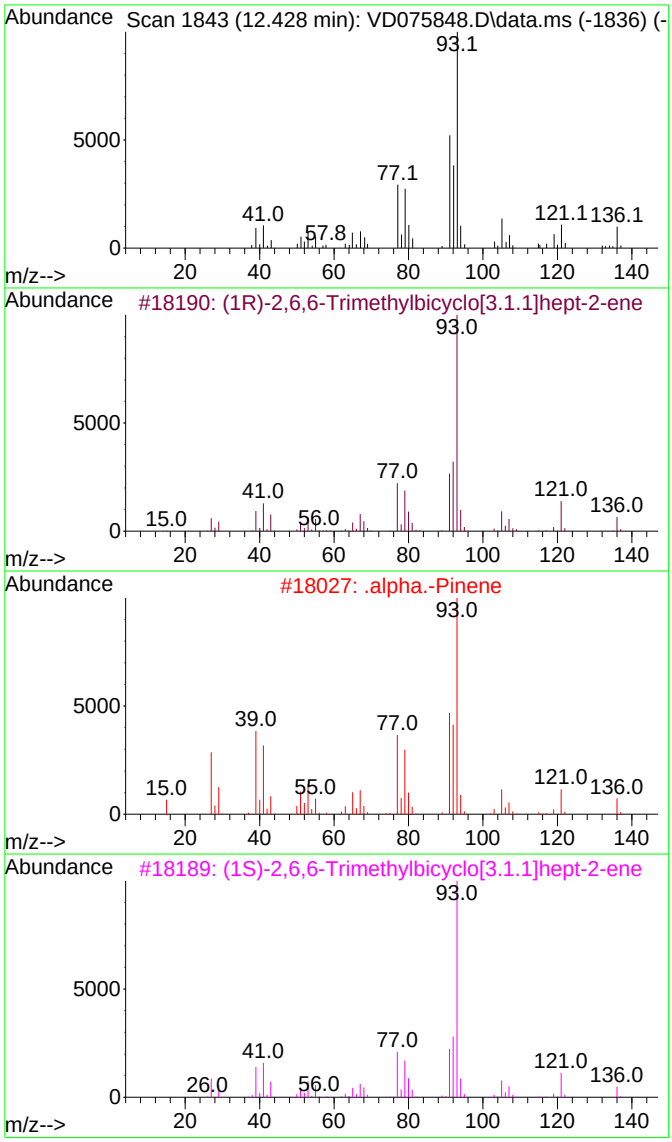
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

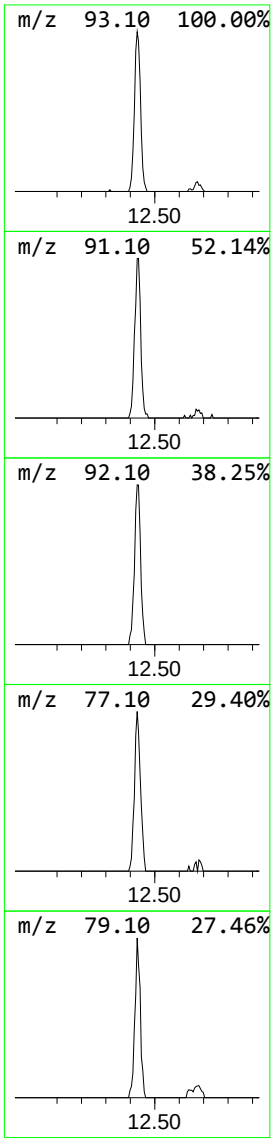
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.428	146.37 ug/L	138163	Chlorobenzene-d5	11.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

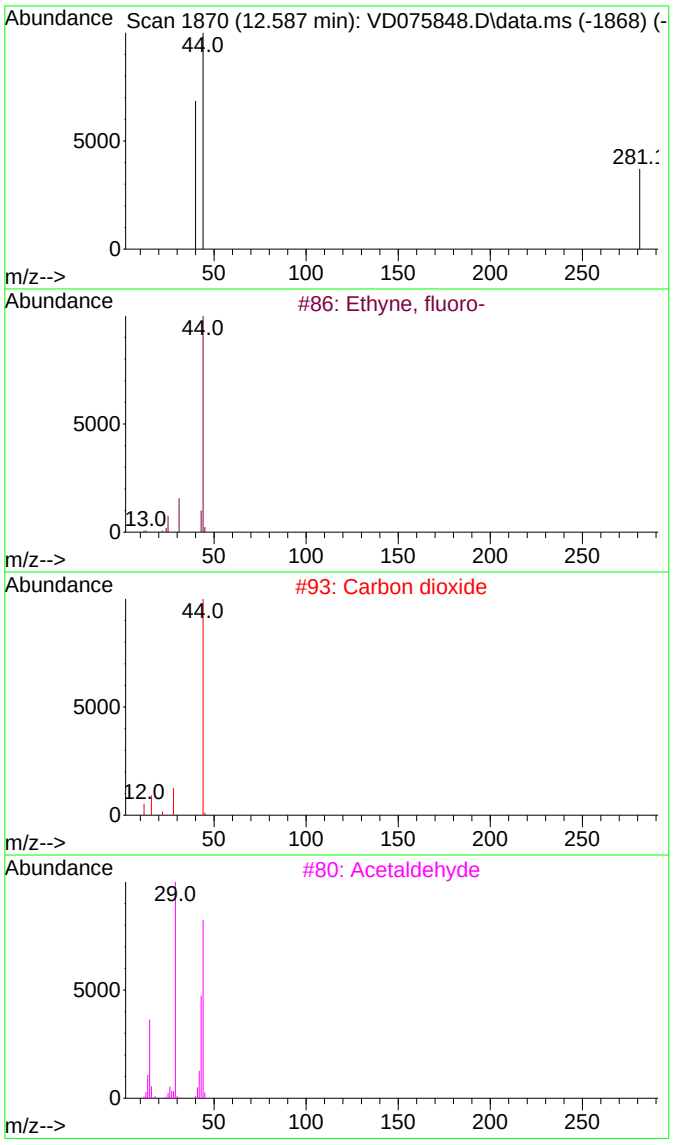
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

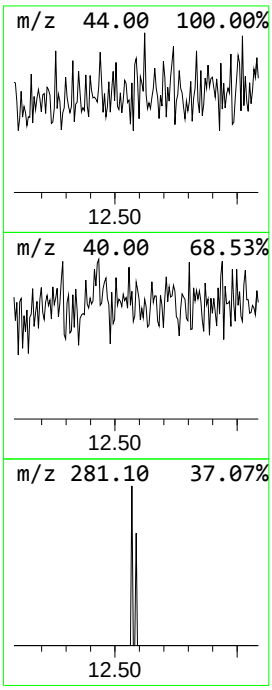
****

Peak Number 7 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	2.48 ug/L	1072	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyne, fluoro-	44	C2HF	002713-09-9	2
2	Carbon dioxide	44	CO2	000124-38-9	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Acetonitrile-d3	44	C2D3N	002206-26-0	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

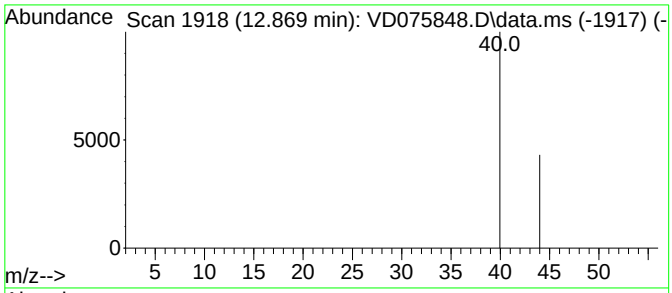
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

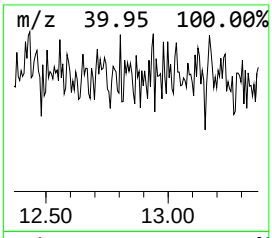
****

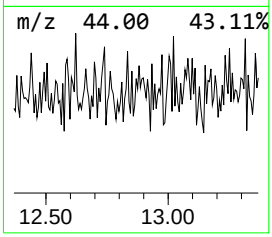
Peak Number 8 unknown-05 Concentration Rank 15

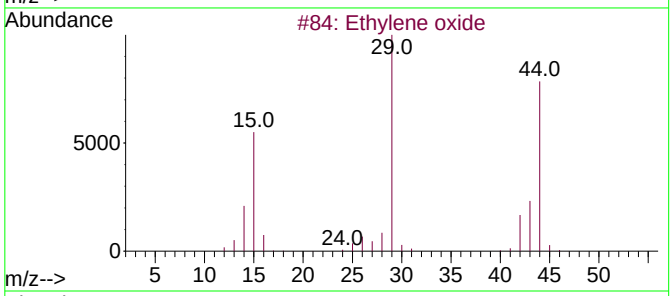
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	1.51 ug/L	654	1,4-Dichlorobenzene-d4	13.516

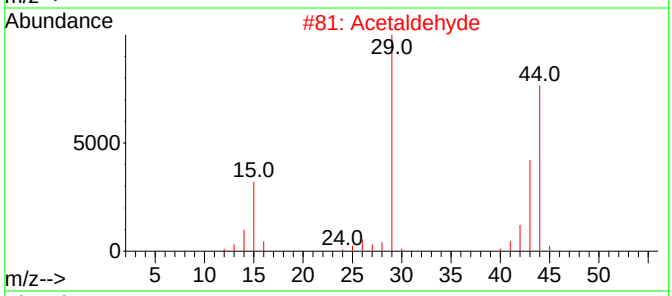
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2
5	Ethylene oxide	44	C2H4O	000075-21-8	2

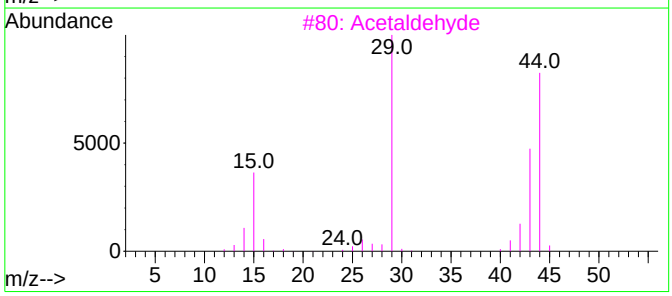












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

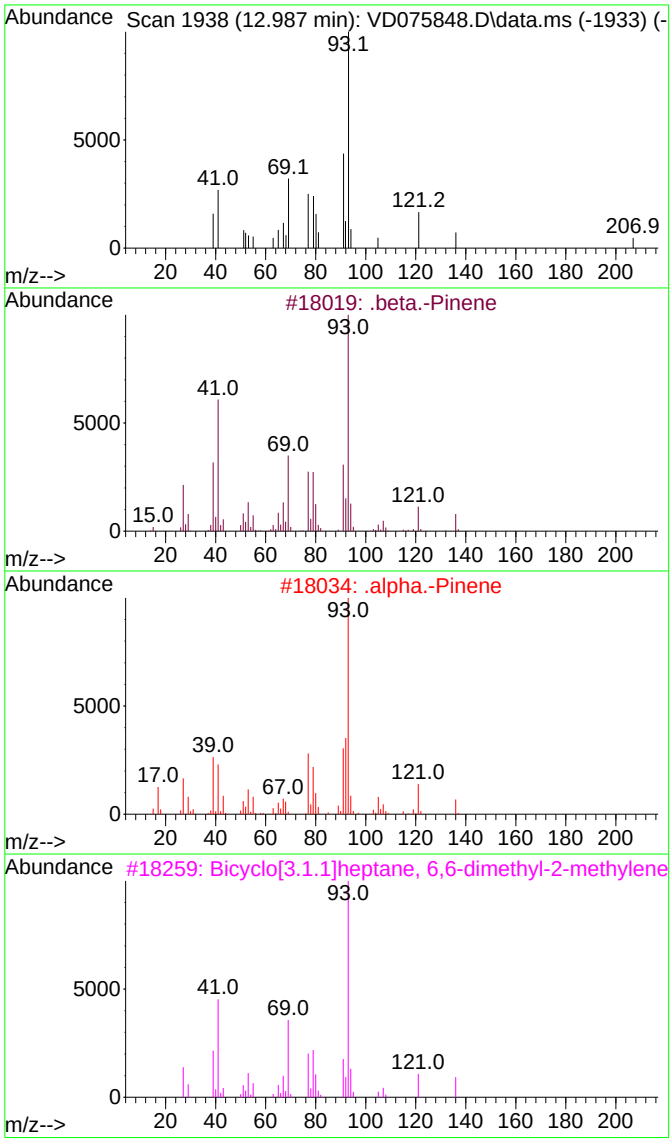
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

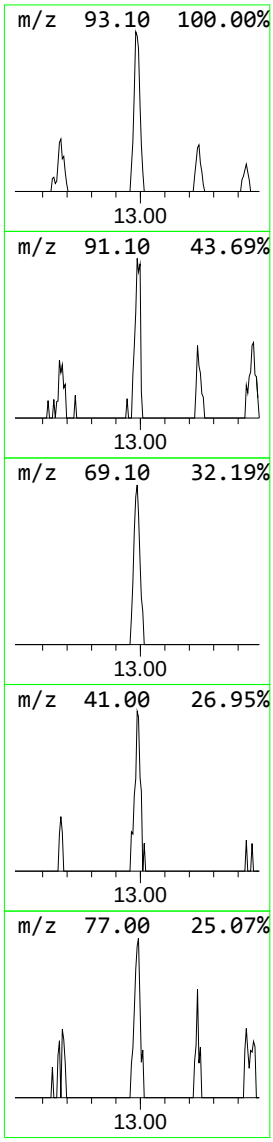
****

Peak Number 9 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	52.87 ug/L	22847	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	80
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	80
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	80
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

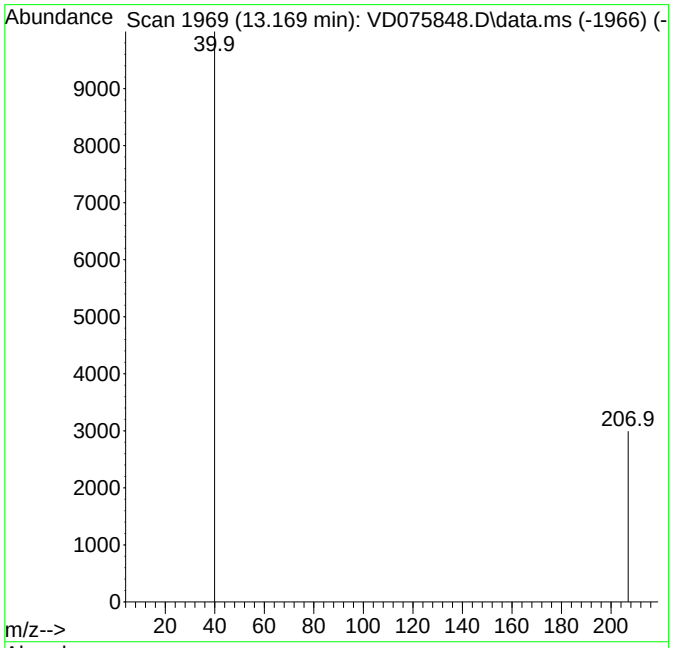
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

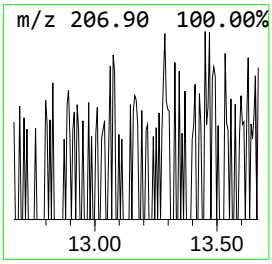
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

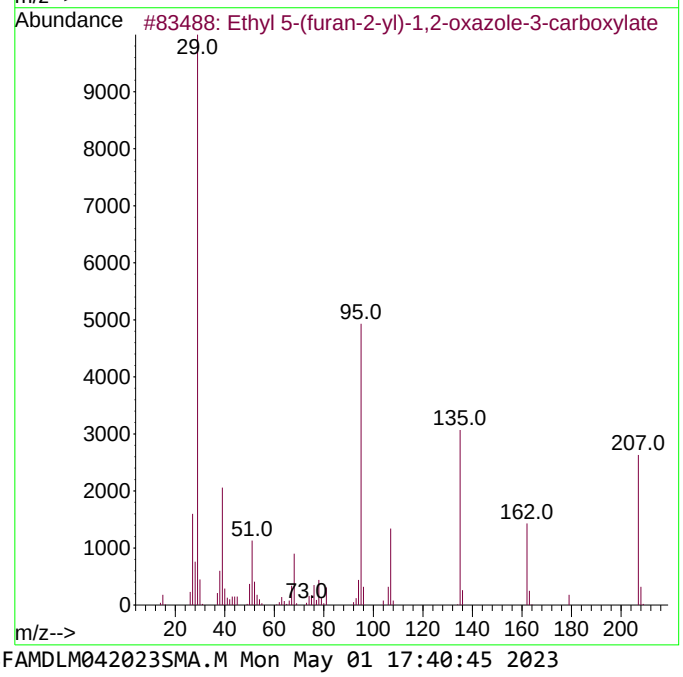
****
Peak Number 10 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.52 ug/L	1090	1,4-Dichlorobenzene-d4	13.516

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\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

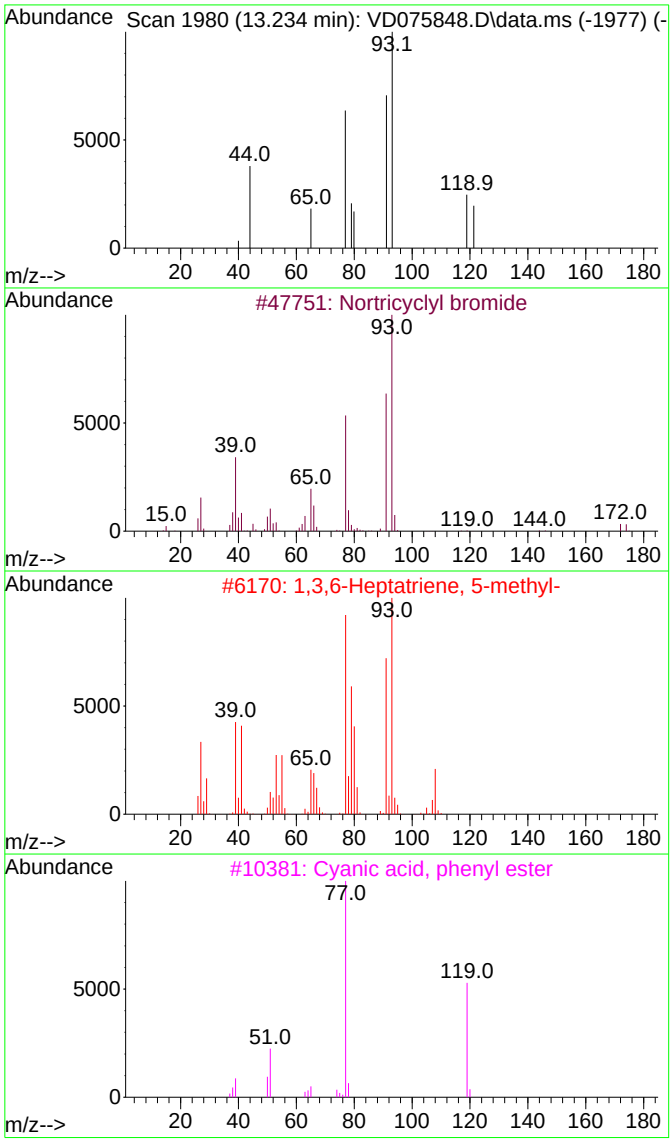
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

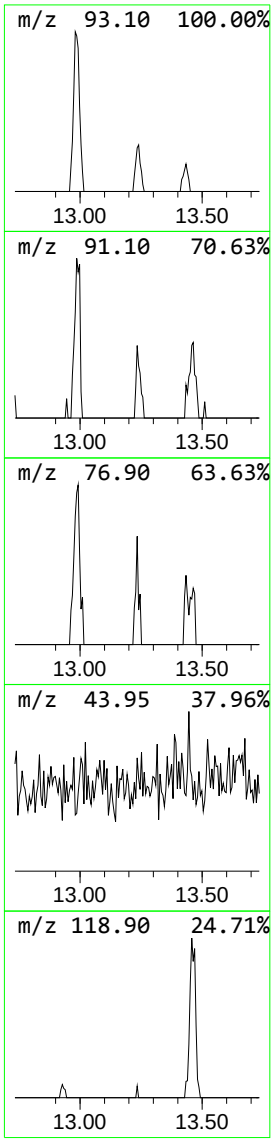
****

Peak Number 11 unknown-07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	12.67 ug/L	5476	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nortricyclyl bromide	172	C7H9Br	1000342-32-2	9
2	1,3,6-Heptatriene, 5-methyl-	108	C8H12	000925-52-0	9
3	Cyanic acid, phenyl ester	119	C7H5NO	001122-85-6	4
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	4
5	1-Buten-3-yne, 2-tert-butyl-	108	C8H12	002809-84-9	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

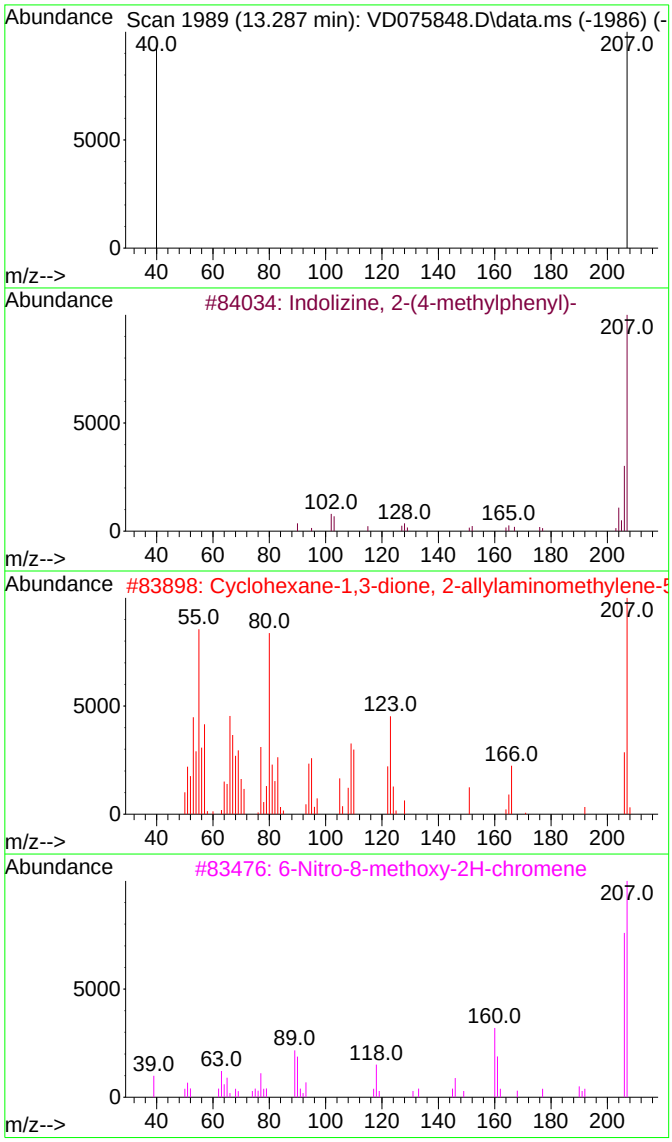
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

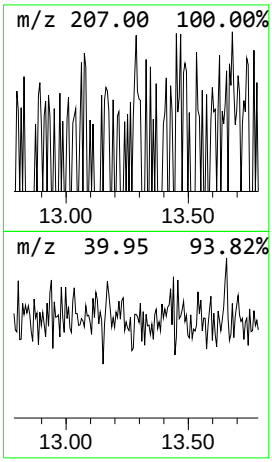
****

Peak Number 12 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	1.75 ug/L	755	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2
5	4-Methyl-2,4-bis(p-hydroxyphenyl...	412	C24H36O2Si2	1000283-56-8	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

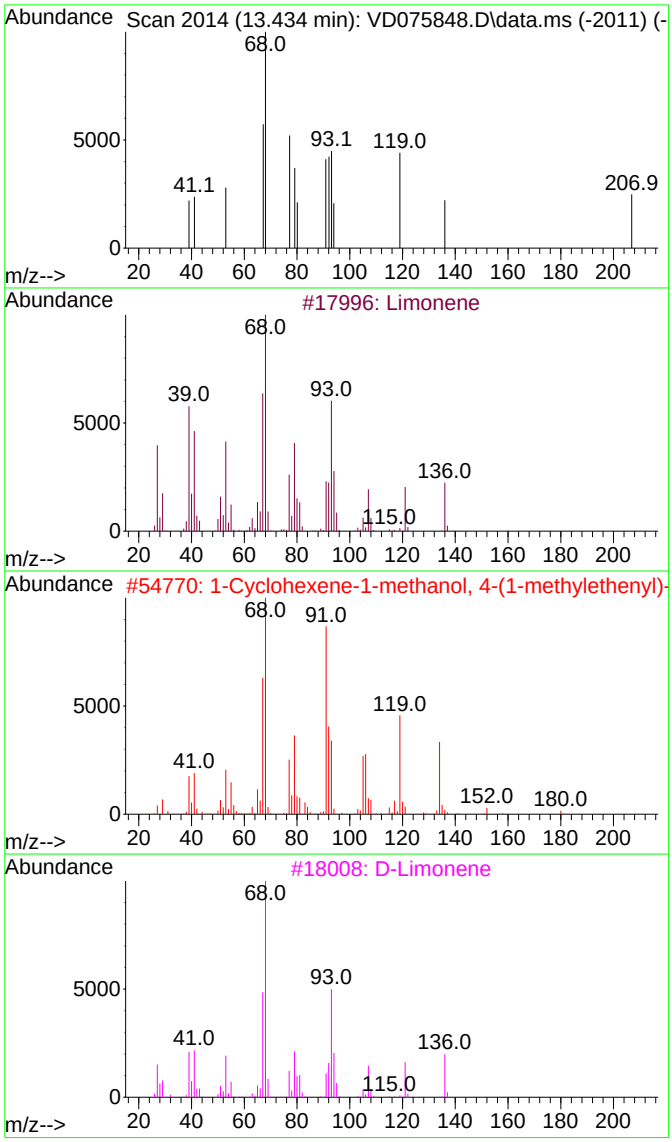
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

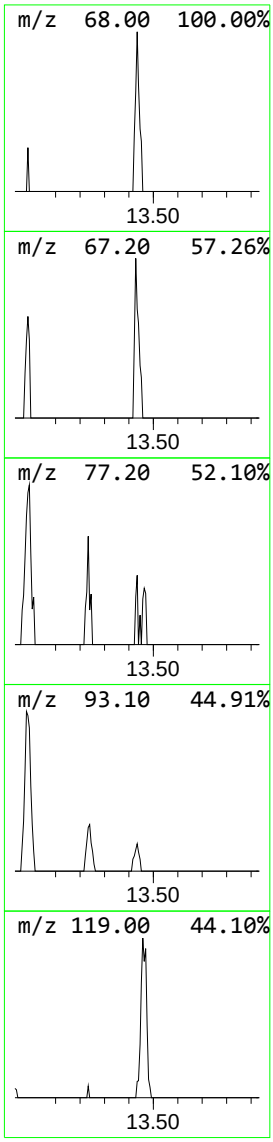
****

Peak Number 13 Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	7.86 ug/L	3398	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene	136	C10H16	000138-86-3	60
2	1-Cyclohexene-1-methanol, 4-(1-m...	180	C11H16O2	029621-55-4	53
3	D-Limonene	136	C10H16	005989-27-5	49
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	49
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

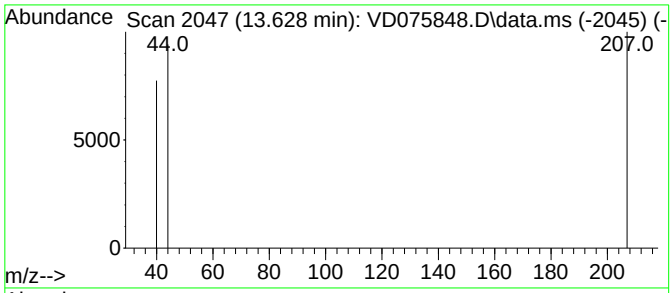
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

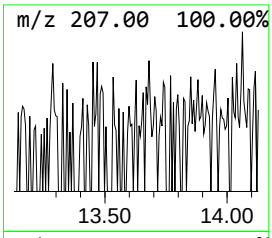
****

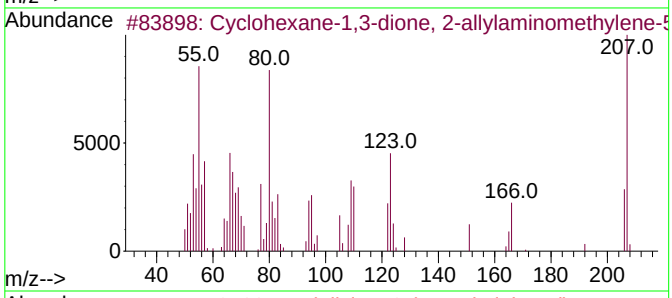
Peak Number 14 unknown-09 Concentration Rank 18

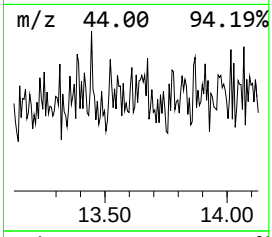
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	1.33 ug/L	574	1,4-Dichlorobenzene-d4	13.516

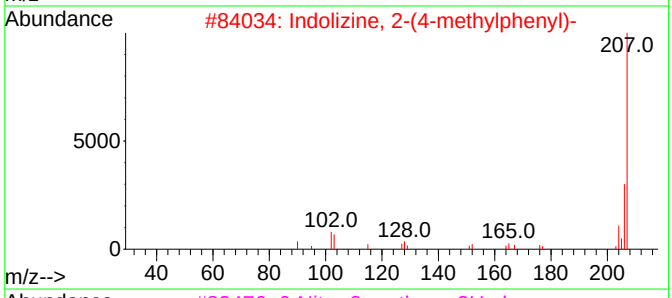
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
2	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Carbon dioxide	44	CO2	000124-38-9	2

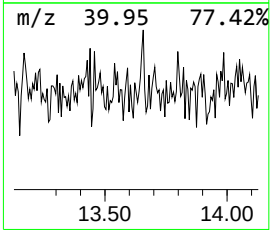


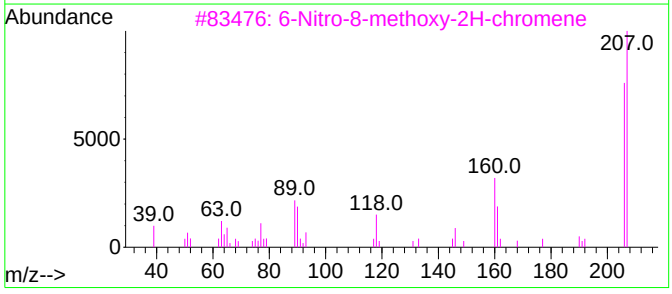












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

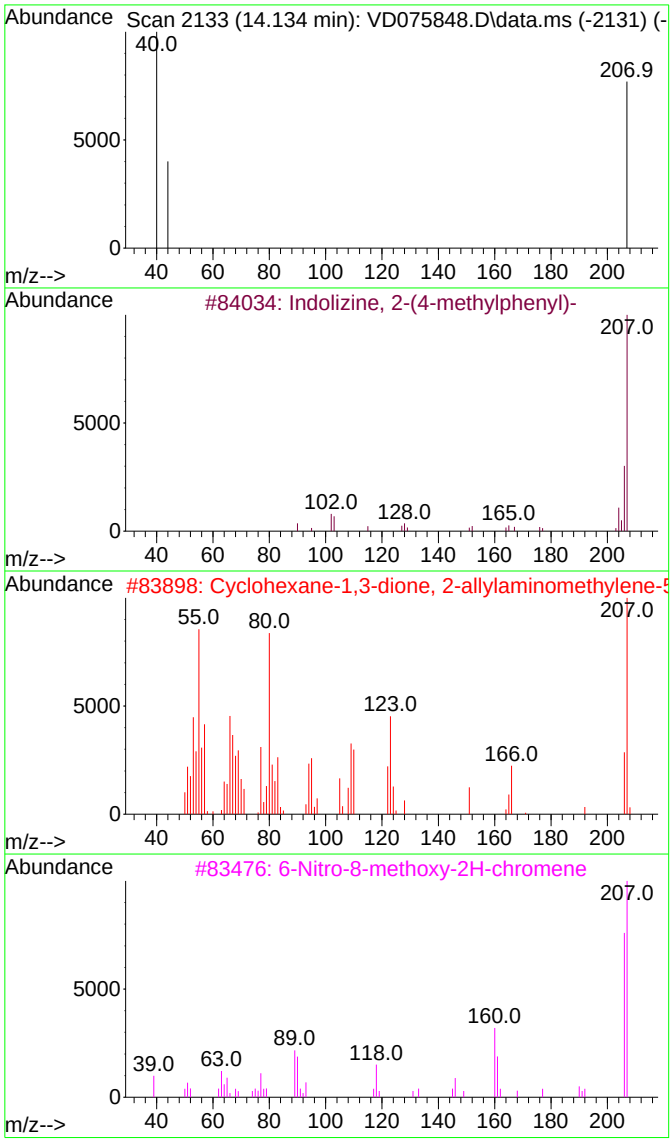
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

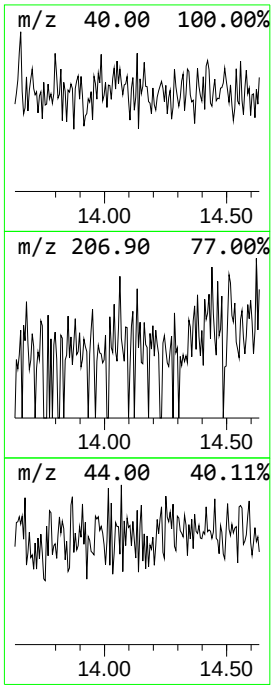
****

Peak Number 15 unknown-10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.134	1.40 ug/L	607	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	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\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

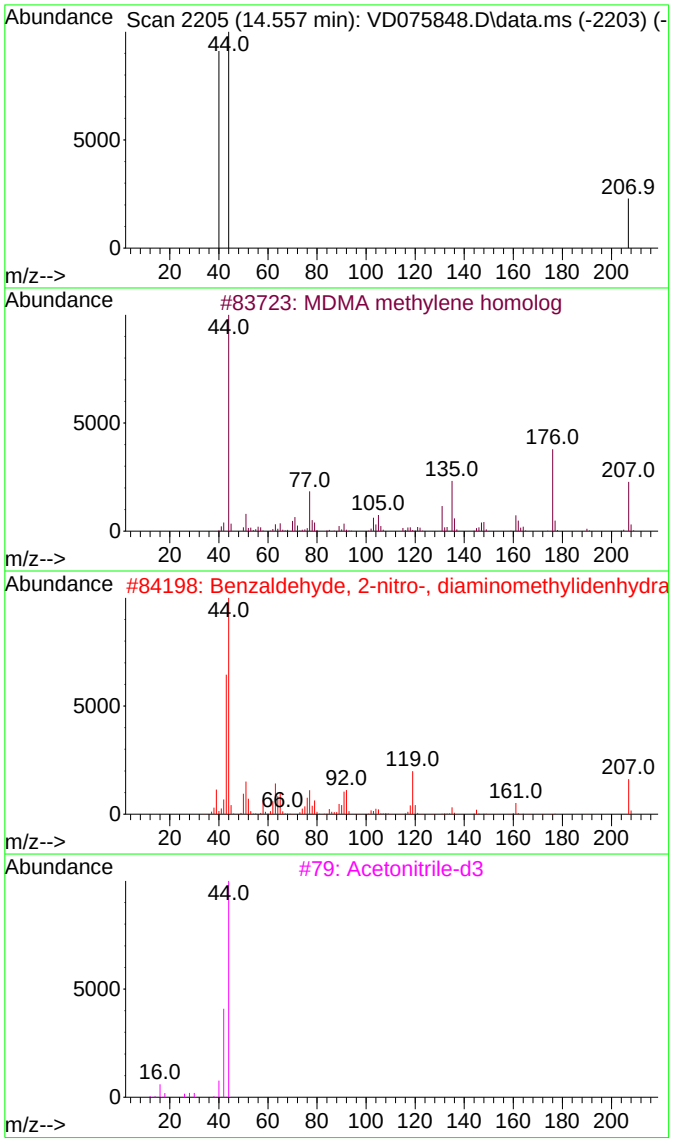
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

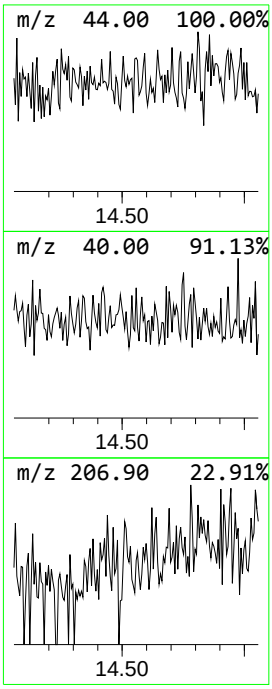
****

Peak Number 16 unknown-11 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	1.67 ug/L	722	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	MDMA methylene homolog	207	C12H17NO2	1010386-32-2	4
2	Benzaldehyde, 2-nitro-, diaminom...	207	C8H9N5O2	102632-31-5	4
3	Acetonitrile-d3	44	C2D3N	002206-26-0	2
4	Acetaldehyde	44	C2H4O	000075-07-0	2
5	Carbon dioxide	44	CO2	000124-38-9	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

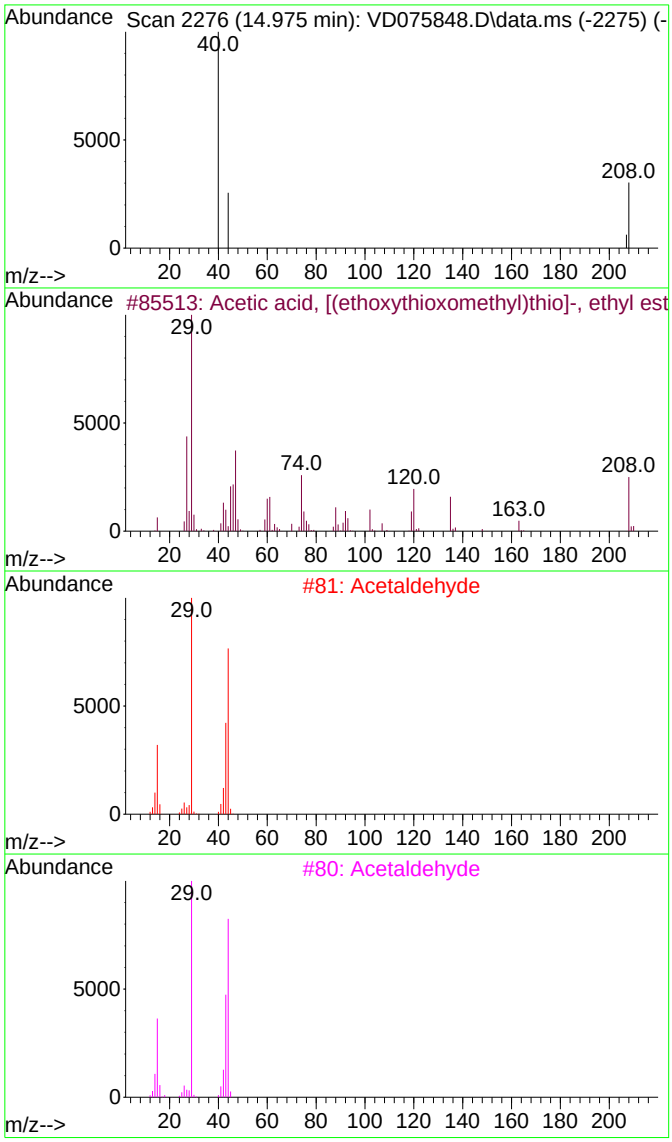
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

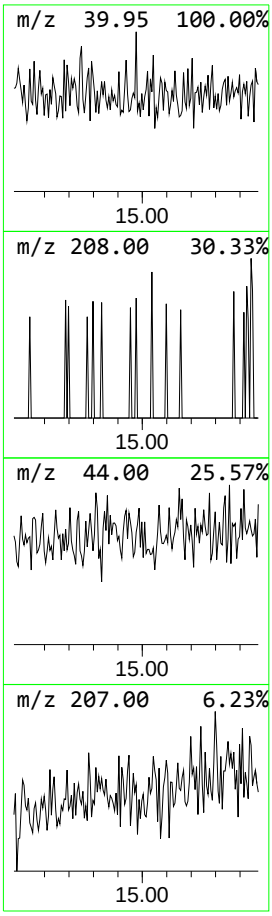
****

Peak Number 17 unknown-12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.975	1.58 ug/L	682	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, [(ethoxythioxomethy...	208	C7H12O3S2	003278-34-0	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	3-(2,2-Dichloroethenyl)-2,2-dime...	208	C8H10Cl2O2	1000486-95-0	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

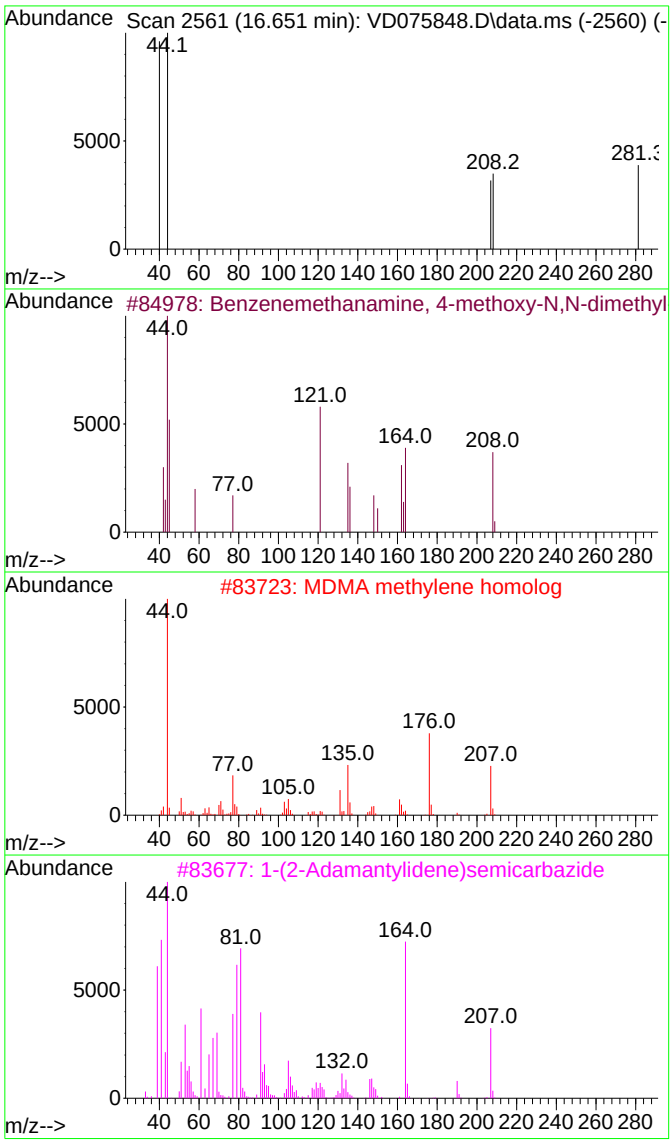
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

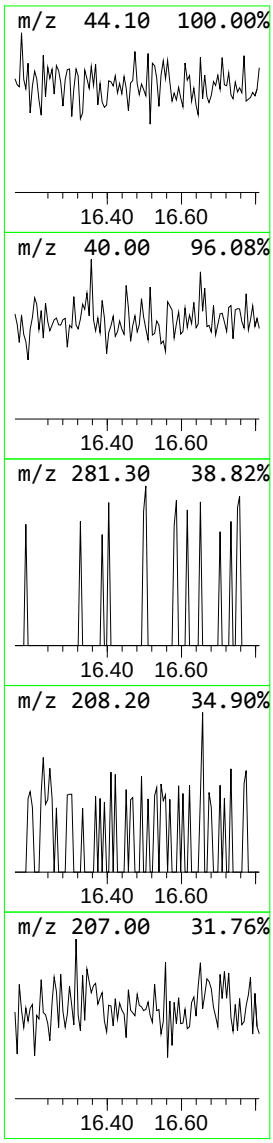
****

Peak Number 18 unknown-13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.651	1.66 ug/L	716	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, 4-methoxy-N,...	208	C12H20N2O	122687-84-7	5
2	MDMA methylene homolog	207	C12H17NO2	1010386-32-2	4
3	1-(2-Adamantylidene)semicarbazide	207	C11H17N3O	065814-27-9	4
4	Ethanediamide, N(1)-(1,3-benzodi...	208	C9H8N2O4	1000351-43-9	2
5	Ethyne, fluoro-	44	C2HF	002713-09-2	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075848.D
Acq On : 26 Apr 2023 21:33
Operator : KP/SY
Sample : 02447-22
Misc : 4.62G/10.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.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	4.781	1.6	ug/L	1483	1	8.775	23431	25.0
unknown-02	6.716	1.5	ug/L	1406	1	8.775	23431	25.0
unknown-03	9.981	7.0	ug/L	6547	1	8.775	23431	25.0
(1R)-2,6,6-Trim...	12.428	146.4	ug/L	138163	2	11.587	23598	25.0
unknown-04	12.586	2.5	ug/L	1072	3	13.516	10804	25.0
unknown-05	12.869	1.5	ug/L	654	3	13.516	10804	25.0
.beta.-Pinene	12.986	52.9	ug/L	22847	3	13.516	10804	25.0
unknown-06	13.169	2.5	ug/L	1090	3	13.516	10804	25.0
unknown-07	13.234	12.7	ug/L	5476	3	13.516	10804	25.0
unknown-08	13.287	1.8	ug/L	755	3	13.516	10804	25.0
Limonene	13.434	7.9	ug/L	3398	3	13.516	10804	25.0
unknown-09	13.628	1.3	ug/L	574	3	13.516	10804	25.0
unknown-10	14.134	1.4	ug/L	607	3	13.516	10804	25.0
unknown-11	14.557	1.7	ug/L	722	3	13.516	10804	25.0
unknown-12	14.975	1.6	ug/L	682	3	13.516	10804	25.0
unknown-13	16.651	1.7	ug/L	716	3	13.516	10804	25.0