LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Title : SFAM01.0

Signal : TIC: VW020242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	80	rVB	24498	40849	4.70%	3.152%
2	2.776	141	143	146	rVB2	308	296	0.03%	0.023%
3	2.897	157	163	173	rVB	13121	25813	2.97%	1.992%
4	3.032	183	185	187	rBV	209	215	0.02%	0.017%
5	3.178	205	209	212	rBV	183	269	0.03%	0.021%
6	3.208	212	214	219	rVV2	189	208	0.02%	0.016%
7	3.288	225	227	229	rVB	290	237	0.03%	0.018%
8	3.471	255	257	259	rBV2	162	160	0.02%	0.012%
9	3.574	272	274	277	rBV2	255	188	0.02%	0.015%
10	3.690	290	293	295	rBV2	158	186	0.02%	0.014%
11	3.745	300	302	307	rVB2	146	192	0.02%	0.015%
12	3.909	327	329	333	rVB	189	182	0.02%	0.014%
13	4.031	340	349	361	rBV	20094	53109	6.11%	4.098%
14	4.184	371	374	377	rBV	164	180	0.02%	0.014%
15	4.348	398	401	403	rBV	182	145	0.02%	0.011%
16	4.495	424	425	428	rBV2	200	188	0.02%	0.015%
17	4.537	428	432	435	rVB2	150	168	0.02%	0.013%
18	4.617	442	445	447	rBV	209	260	0.03%	0.020%
19	4.940	489	498	506	rVB6	903	2935	0.34%	0.226%
20	5.007	506	509	510	rBV	166	177	0.02%	0.014%
21	5.153	531	533	535	rBV2	179	191	0.02%	0.015%
22	5.440	575	580	584	rBV2	491	1009	0.12%	0.078%
23	5.574	601	602	605	rBV	146	169	0.02%	0.013%
24	5.836	641	645	648	rBV2	187	314	0.04%	0.024%
25	5.964	660	666	672	rVB5	816	1725	0.20%	0.133%
26	6.220	707	708	711	rBV	226	175	0.02%	0.014%
27	6.897	818	819	823	rVB2	182	154	0.02%	0.012%
28	7.000	834	836	837	rBV	218	150	0.02%	0.012%
29	7.086	848	850	852	rBV2	349	328	0.04%	0.025%
30	7.183	860	866	873	rVB5	804	1751	0.20%	0.135%
31	7.659	935	944	954	rVB	14455	36621	4.21%	2.826%
32	8.086	1012	1014	1019	rBV2	155	222	0.03%	0.017%
33	8.281	1038	1046	1059	rVB2	24929	67179	7.73%	5.184%
34	8.476	1076	1078	1081	rBV2	184	160	0.02%	0.012%
35	8.848	1132	1139	1152	rVB	23148	45393	5.22%	3.503%
36	9.098	1170	1180	1196	rBV	450808	869218	100.00%	67.071%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Title : SFAM01.0

37	9.280	1203	1210	1218	rBV	13968	28835	3.32%	2.225%
38	9.390	1224	1228	1233	rBV5	591	1135	0.13%	0.088%
39	9.463	1236	1240	1242	rBV2	212	321	0.04%	0.025%
40	9.610	1259	1264	1270	rVV4	1003	1920	0.22%	0.148%
41	9.707	1277	1280	1282	rBV2	193	238	0.03%	0.018%
42	9.762	1282	1289	1296	rVB6	1607	2969	0.34%	0.229%
43	9.854	1301	1304	1305	rBV2	274	306	0.04%	0.024%
44	9.896	1308	1311	1315	rBV3	412	562	0.06%	0.043%
45	9.957	1317	1321	1323	rVB3	438	495	0.06%	0.038%
46	9.988	1323	1326	1329	rBV2	659	978	0.11%	0.075%
47	10.036	1330	1334	1340	rVB2	3170	4977	0.57%	0.384%
48	10.171	1355	1356	1358	rBV	209	185	0.02%	0.014%
49	10.213	1362	1363	1367	rVV	287	300	0.03%	0.023%
50	10.329	1375	1382	1390	rBV	18443	34844	4.01%	2.689%
51	10.451	1398	1402	1404	rBV	300	442	0.05%	0.034%
52	10.506	1407	1411	1415	rBV3	715	1000	0.12%	0.077%
53	10.585	1419	1424	1428	rBV3	1767	3208	0.37%	0.248%
54	10.670	1434	1438	1442	rVB4	1766	2794	0.32%	0.216%
55	10.866	1466	1470	1475	rVB3	2003	2879	0.33%	0.222%
56	10.939	1476	1482	1487	rVB4	2475	4692	0.54%	0.362%
57	11.036	1494	1498	1503	rBV3	654	1082	0.12%	0.083%
58	11.152	1513	1517	1518	rBV2	294	446	0.05%	0.034%
59	11.231	1525	1530	1536	rVB2	4020	7321	0.84%	0.565%
60	11.280	1536	1538	1542	rBV3	466	588	0.07%	0.045%
61	11.335	1543	1547	1552	rVV4	1201	2129	0.24%	0.164%
62	11.390	1552	1556	1560	rVV5	525	1203	0.14%	0.093%
63	11.439	1560	1564	1568	rVV4	1470	2281	0.26%	0.176%
64	11.475	1568	1570	1573	rVV	166	177	0.02%	0.014%
65	11.512	1573	1576	1580	rVB4	465	651	0.07%	0.050%
66	11.634	1590	1596	1603	rVB	9397	15900	1.83%	1.227%
67	11.713	1606	1609	1612	rBV2	431	443	0.05%	0.034%
68	11.804	1620	1624	1626	rBV2	368	479	0.06%	0.037%
69	11.878	1632	1636	1638	rBV5	766	1055	0.12%	0.081%
70	11.975	1649	1652	1654	rVB2	183	159	0.02%	0.012%
71	12.048	1661	1664	1665	rBV	140	147	0.02%	0.011%
72	12.134	1676	1678	1679	rBV2	383	333	0.04%	0.026%
73	12.243	1694	1696	1698	rVV	220	259	0.03%	0.020%
74	12.262	1698	1699	1701	rVB	315	171	0.02%	0.013%
75	12.359	1713	1715	1719	rBV4	456	467	0.05%	0.036%
76	12.463	1728	1732	1734	rVB2	231	294	0.03%	0.023%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Title : SFAM01.0

77	12.530	1741	1743	1746	rVB	182	162	0.02%	0.013%
78	12.640	1758	1761	1763	rBV2	106	142	0.02%	0.011%
79	12.694	1765	1770	1775	rVB2	3629	5879	0.68%	0.454%
80	12.780	1780	1784	1788	rVV4	690	867	0.10%	0.067%
81	12.981	1816	1817	1820	rVB	218	188	0.02%	0.015%
82	13.170	1845	1848	1849	rBV	227	231	0.03%	0.018%
83	13.286	1865	1867	1869	rBV	194	183	0.02%	0.014%
84	13.560	1908	1912	1917	rBV2	1787	2614	0.30%	0.202%
85	13.694	1932	1934	1939	rBV2	224	295	0.03%	0.023%
86	13.853	1954	1960	1968	rVB4	1602	2768	0.32%	0.214%
87	13.999	1981	1984	1986	rBV2	259	265	0.03%	0.020%
88	14.066	1992	1995	1997	rBV2	209	227	0.03%	0.018%
89	14.249	2023	2025	2027	rVB2	214	154	0.02%	0.012%
90	14.310	2033	2035	2038	rVV	304	255	0.03%	0.020%
91	14.383	2045	2047	2051	rBV3	199	311	0.04%	0.024%
92	14.499	2062	2066	2068	rBV2	191	208	0.02%	0.016%
93	14.554	2072	2075	2077	rBV	314	312	0.04%	0.024%
94	14.712	2099	2101	2103	rBV	240	237	0.03%	0.018%
95	15.249	2187	2189	2192	rBV2	215	256	0.03%	0.020%
96	15.481	2226	2227	2229	rBV2	180	144	0.02%	0.011%
97	15.688	2259	2261	2263	rBV2	191	191	0.02%	0.015%
98	16.182	2340	2342	2345	rBV3	241	283	0.03%	0.022%
99	16.365	2370	2372	2373	rBV2	347	191	0.02%	0.015%
100	16.767	2436	2438	2441	rBV3	261	222	0.03%	0.017%

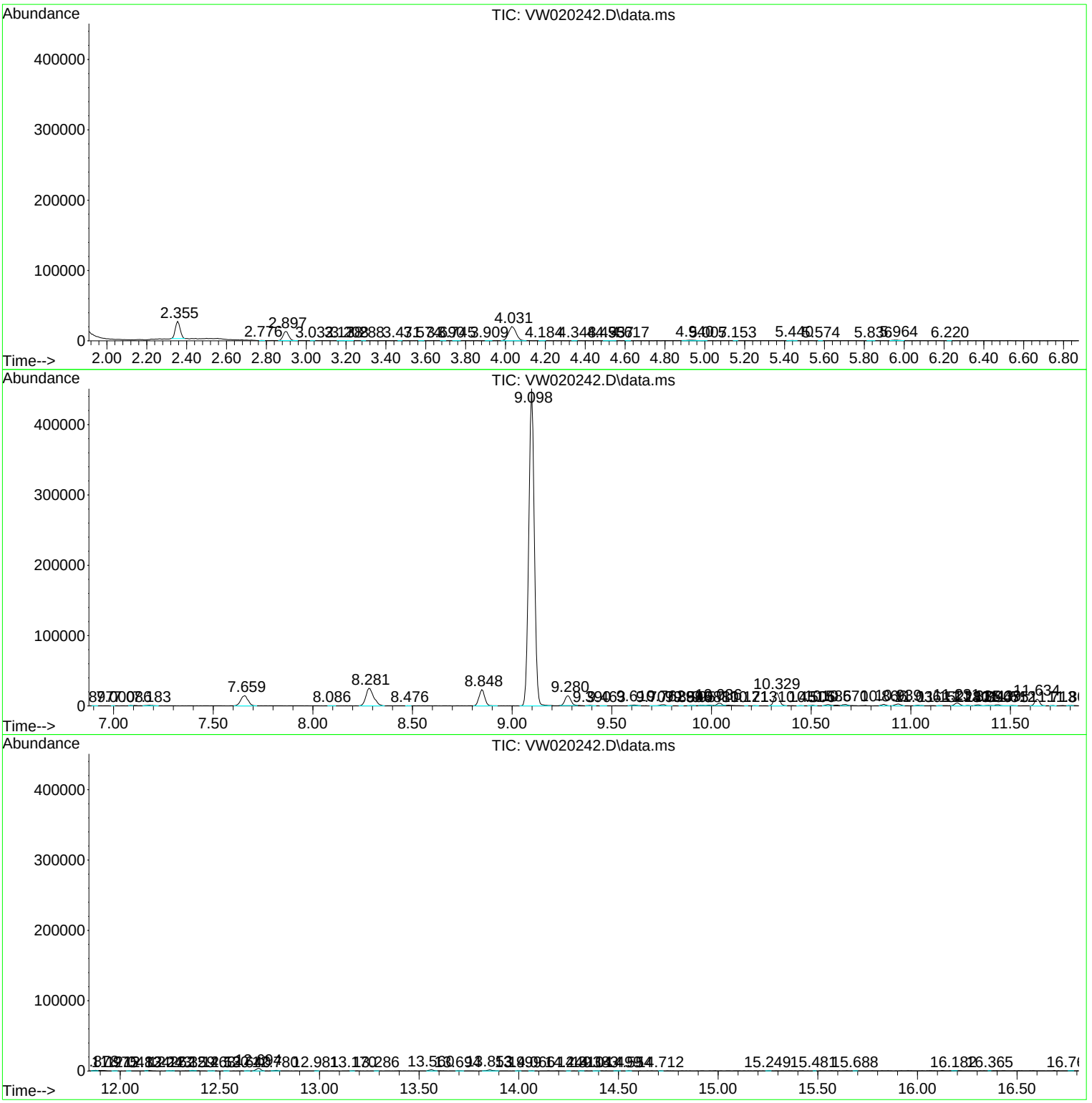
Sum of corrected areas: 1295966

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

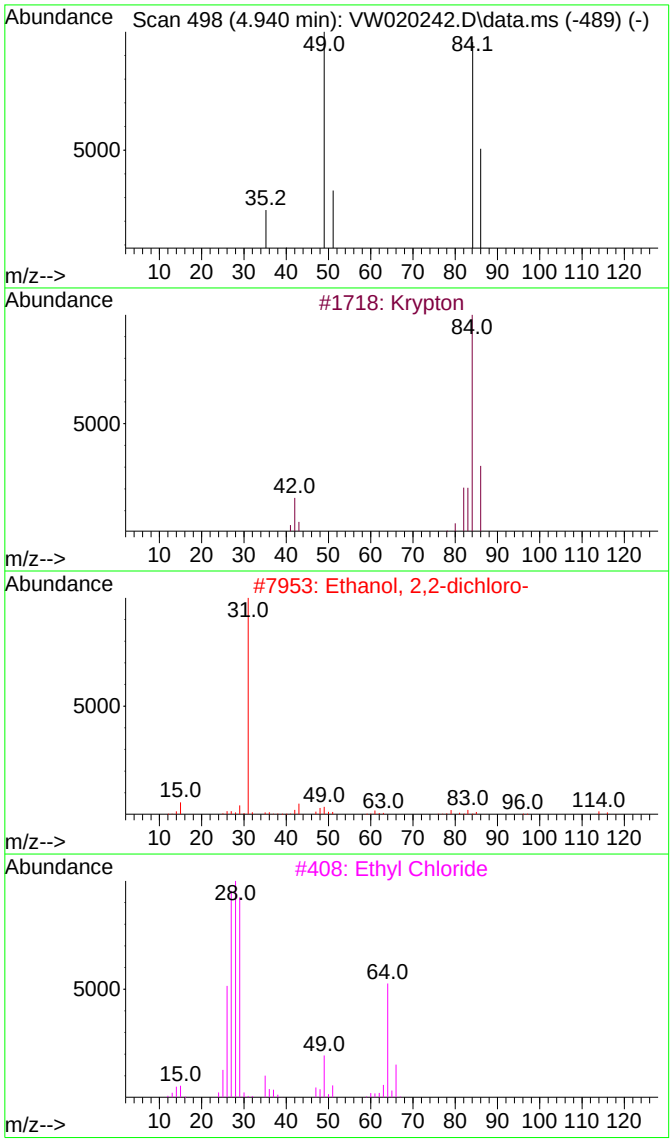
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

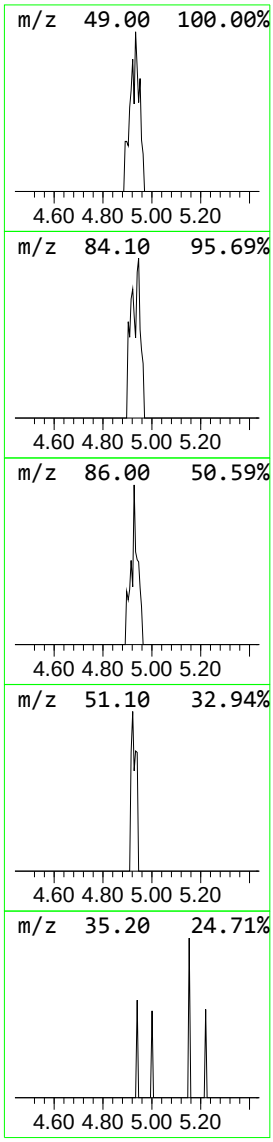
****

Peak Number 1 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	1.62 ug/L	2935	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	2
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
5	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

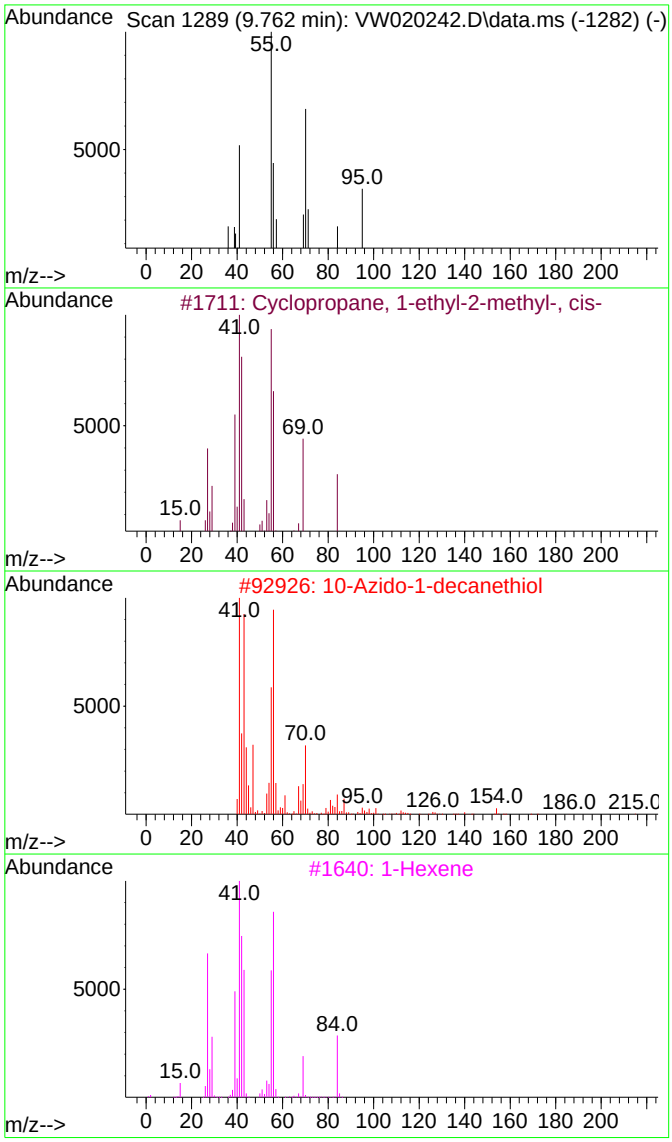
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

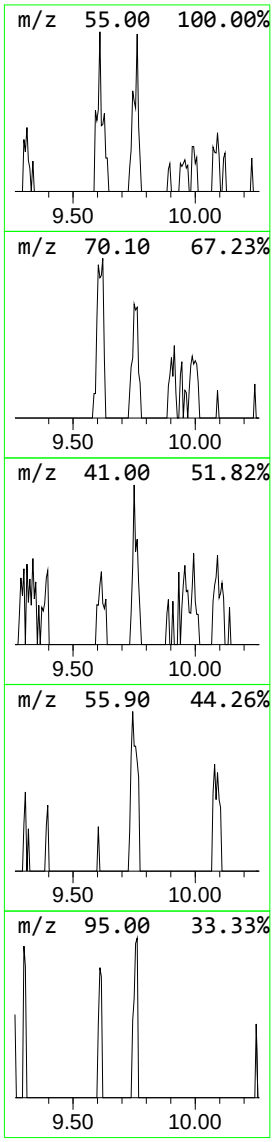
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic9.762 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	1.64 ug/L	2969	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	27
2	10-Azido-1-decanethiol	215	C10H21N3S	1152113-44-4	17
3	1-Hexene	84	C6H12	000592-41-6	16
4	2-Butenal	70	C4H6O	004170-30-3	10
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

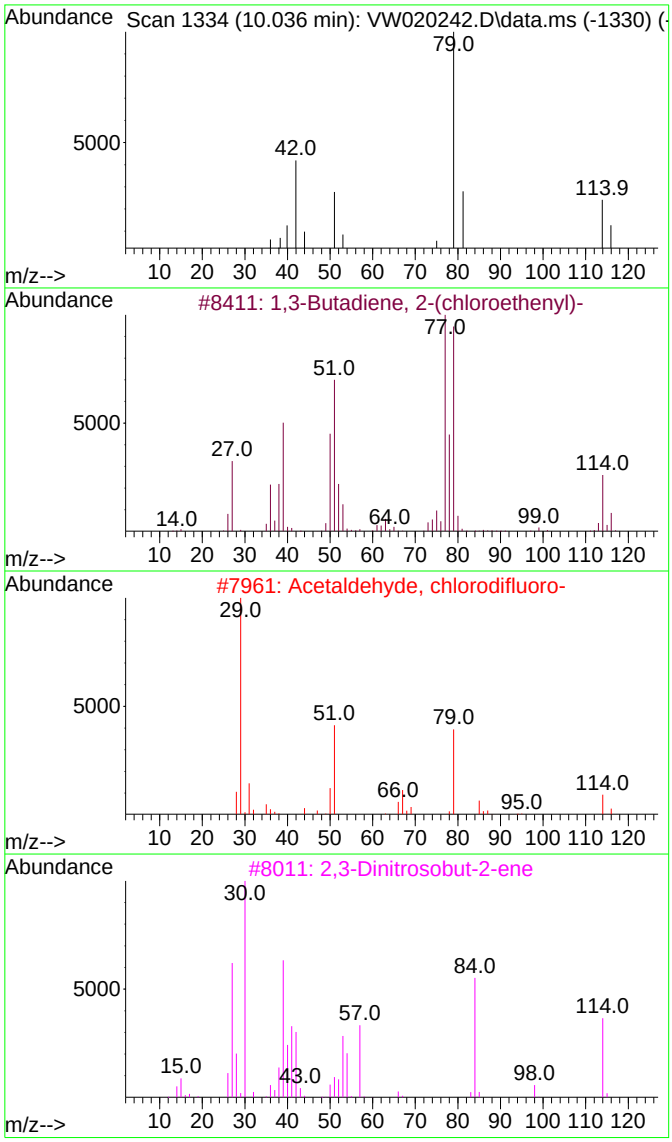
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

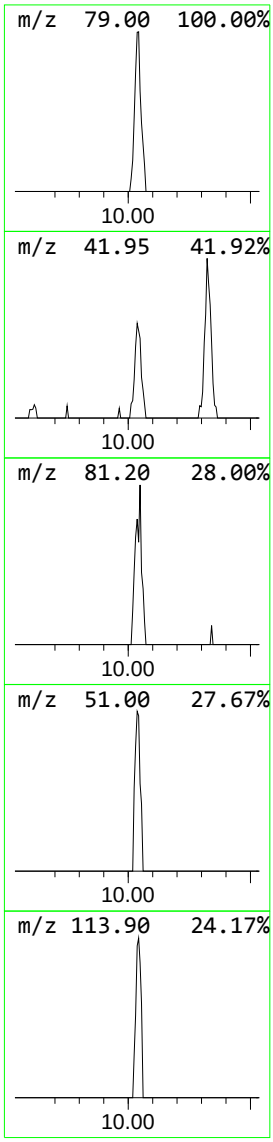
****

Peak Number 3 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.036	2.74 ug/L	4977	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2-(chloroethenyl)-	114	C6H7Cl	080297-56-9	9
2	Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	7
3	2,3-Dinitrosobut-2-ene	114	C4H6N2O2	1000445-12-1	7
4	Thiophosgene	114	CCl2S	000463-71-8	5
5	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

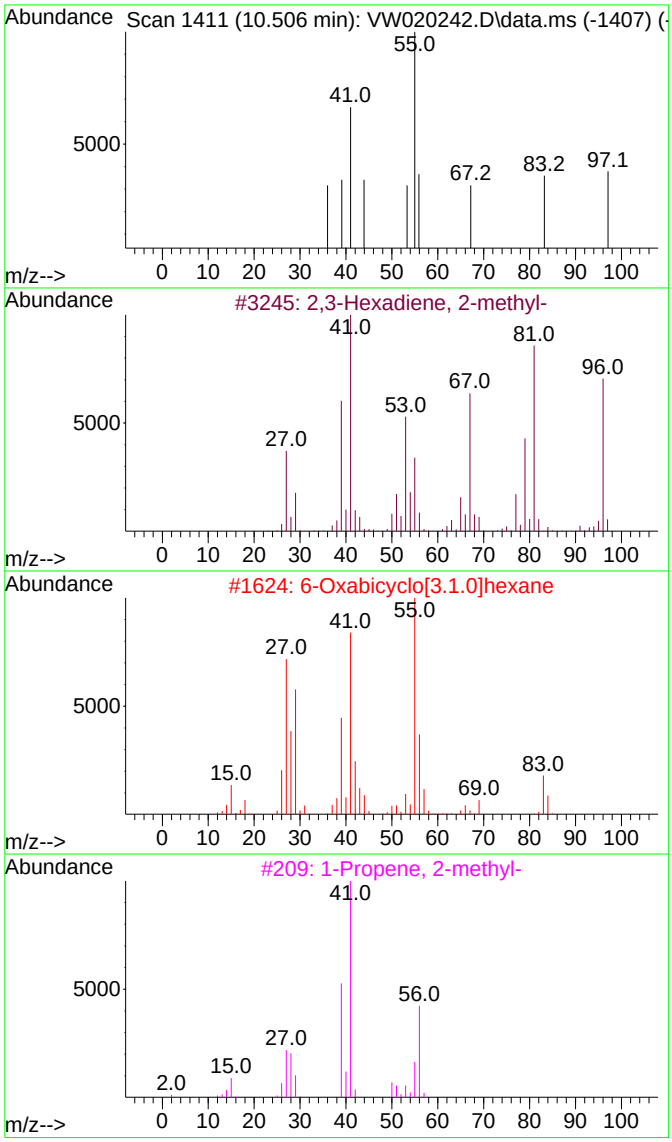
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

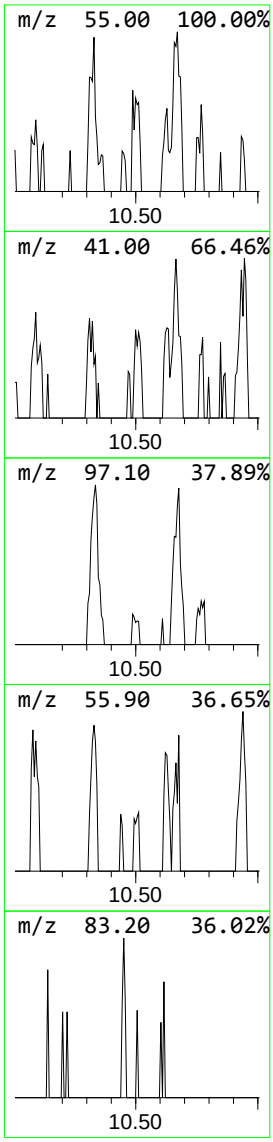
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	1.57 ug/L	1000	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	9
2	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	9
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	7
4	1-Butene	56	C4H8	000106-98-9	5
5	1-Butene	56	C4H8	000106-98-9	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

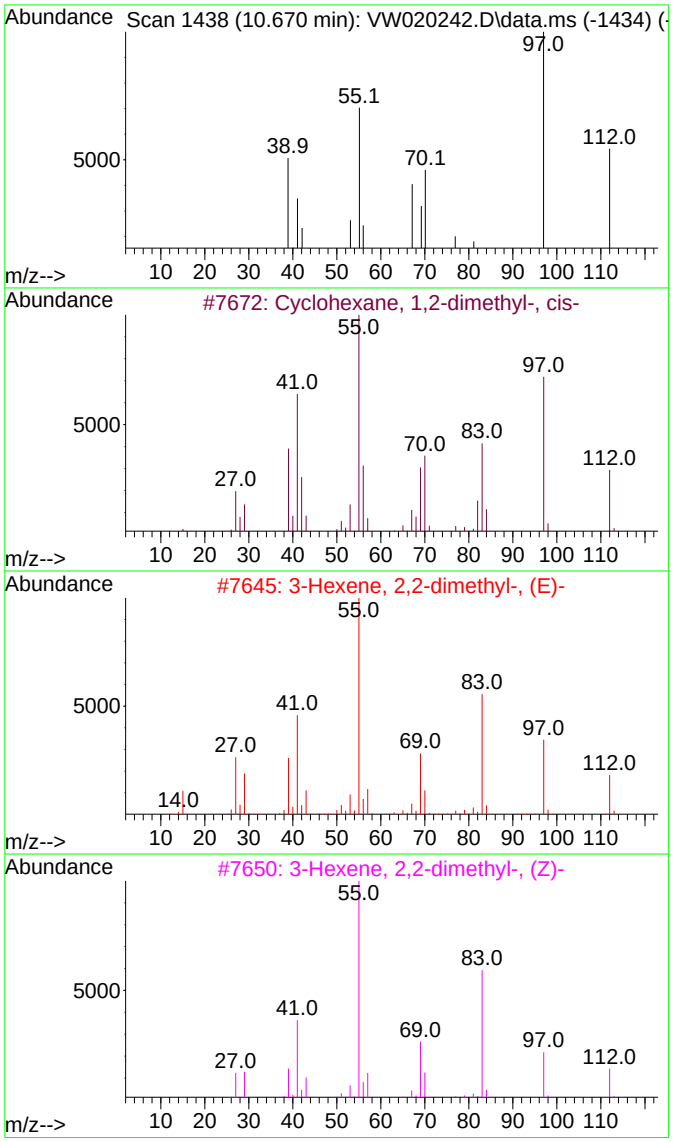
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

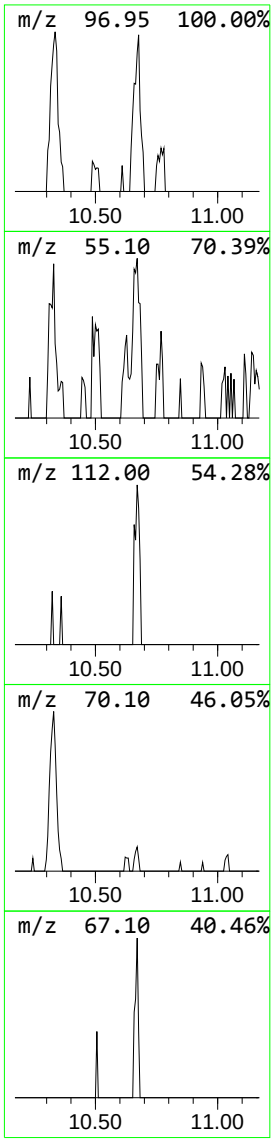
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic10.670 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	4.39 ug/L	2794	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	53
2	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	50
3	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	50
4	Cyclopropane, [(1-propenyloxy)me...	112	C7H12O	064340-98-3	38
5	3-Hexene, 2,2-dimethyl-	112	C8H16	003123-93-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

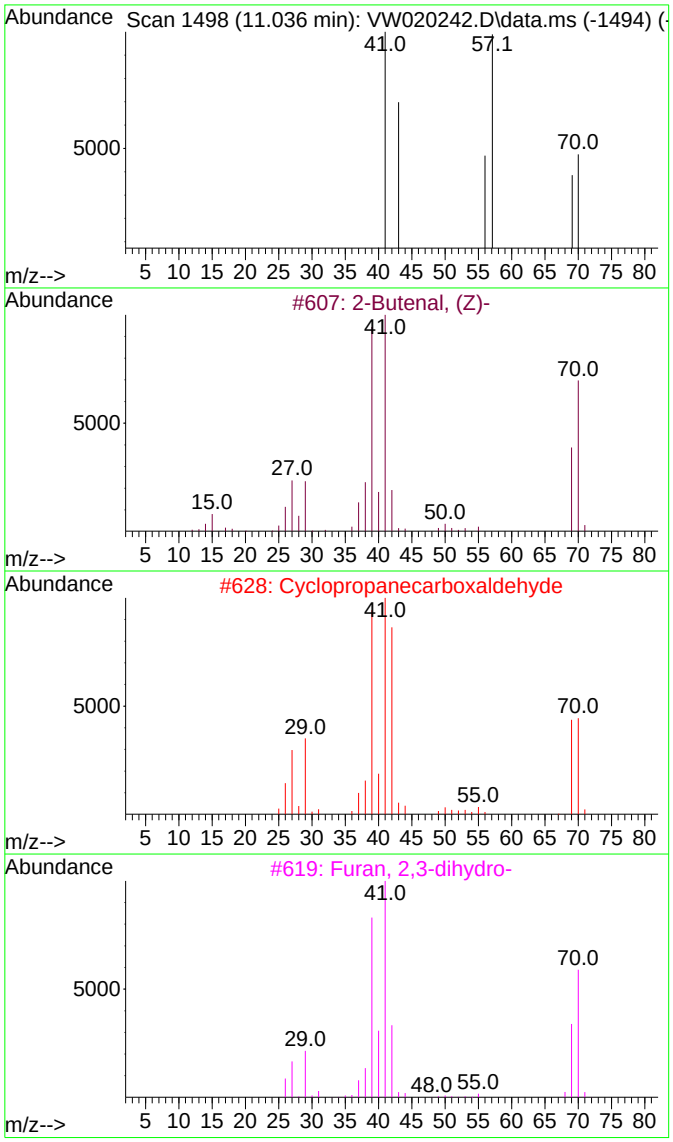
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

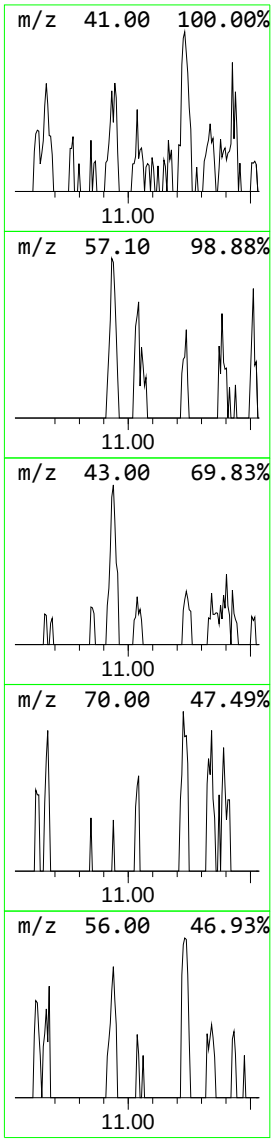
****

Peak Number 6 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	1.70 ug/L	1082	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (Z)-	70	C4H6O	015798-64-8	7
2	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	7
3	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	5
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	5
5	Cyclobutane	56	C4H8	000287-23-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

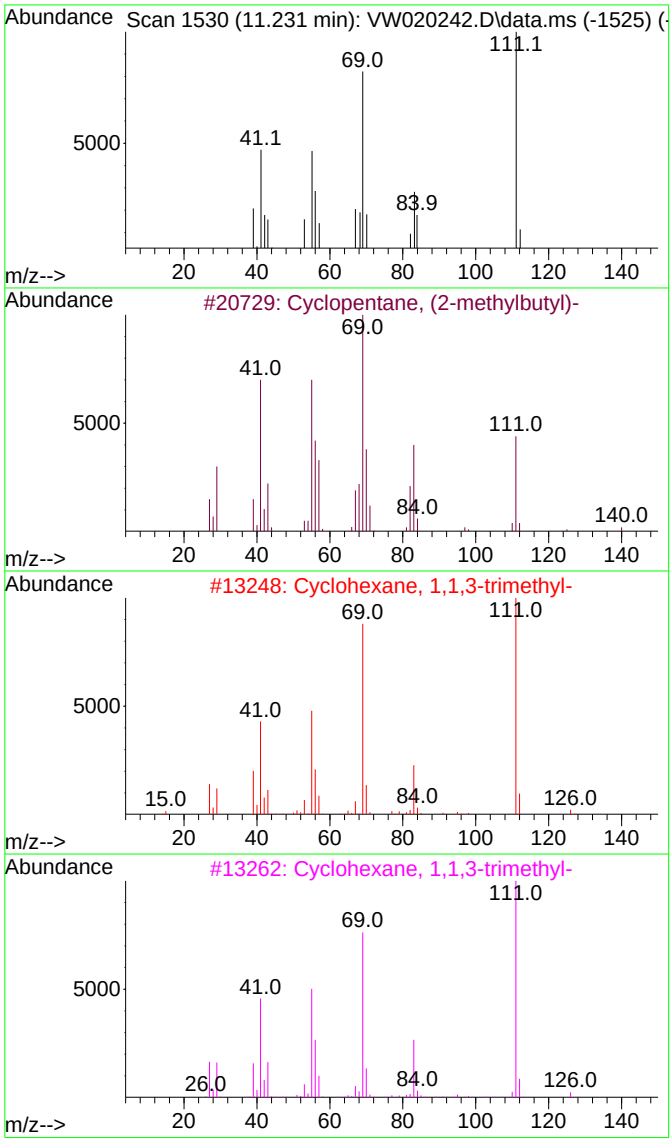
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

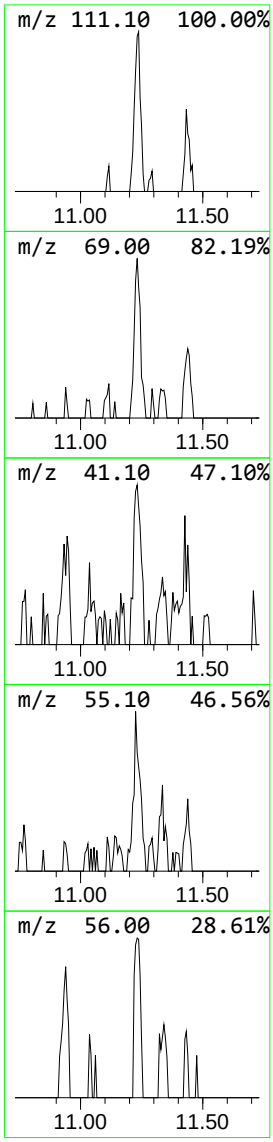
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic11.231 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	11.51 ug/L	7321	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

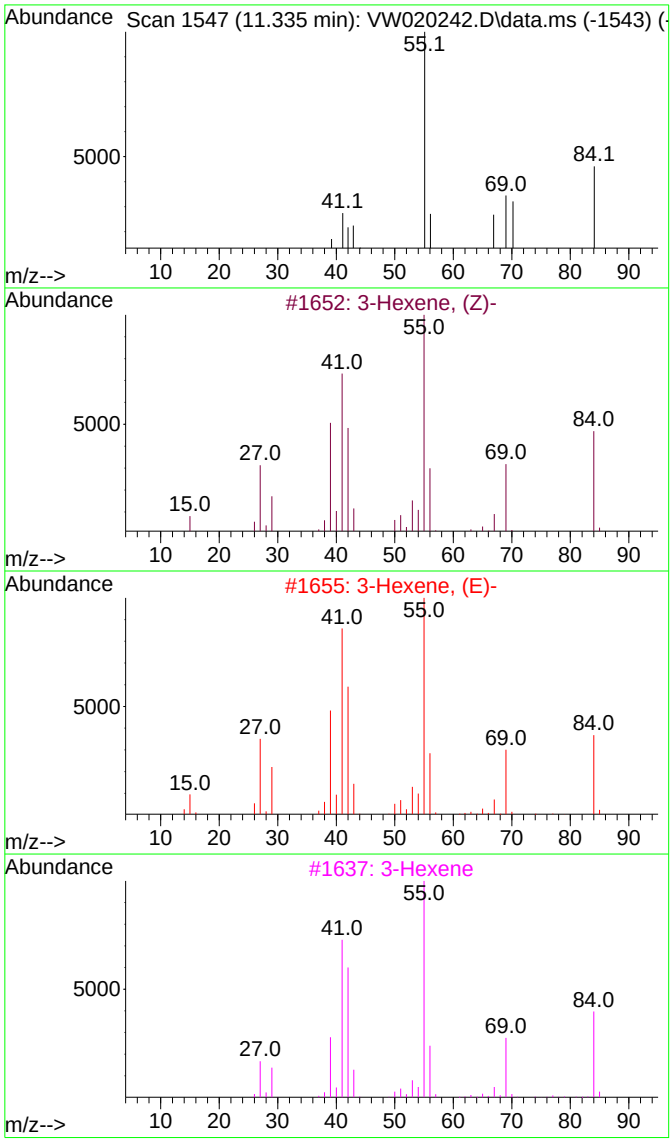
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

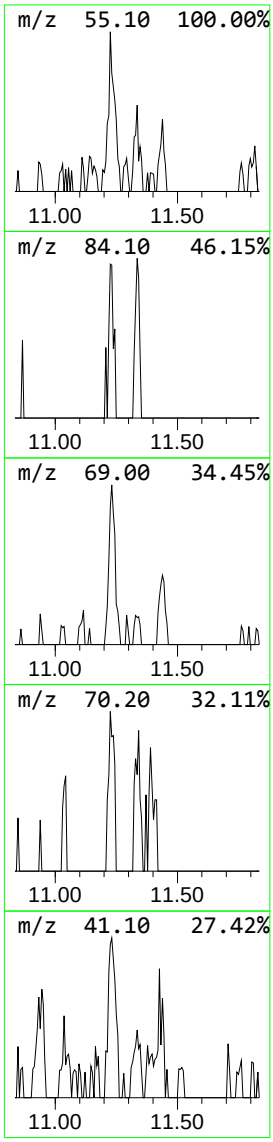
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	3.35 ug/L	2129	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	53
2	3-Hexene, (E)-	84	C6H12	013269-52-8	53
3	3-Hexene	84	C6H12	000592-47-2	53
4	3-Hexene, (E)-	84	C6H12	013269-52-8	53
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

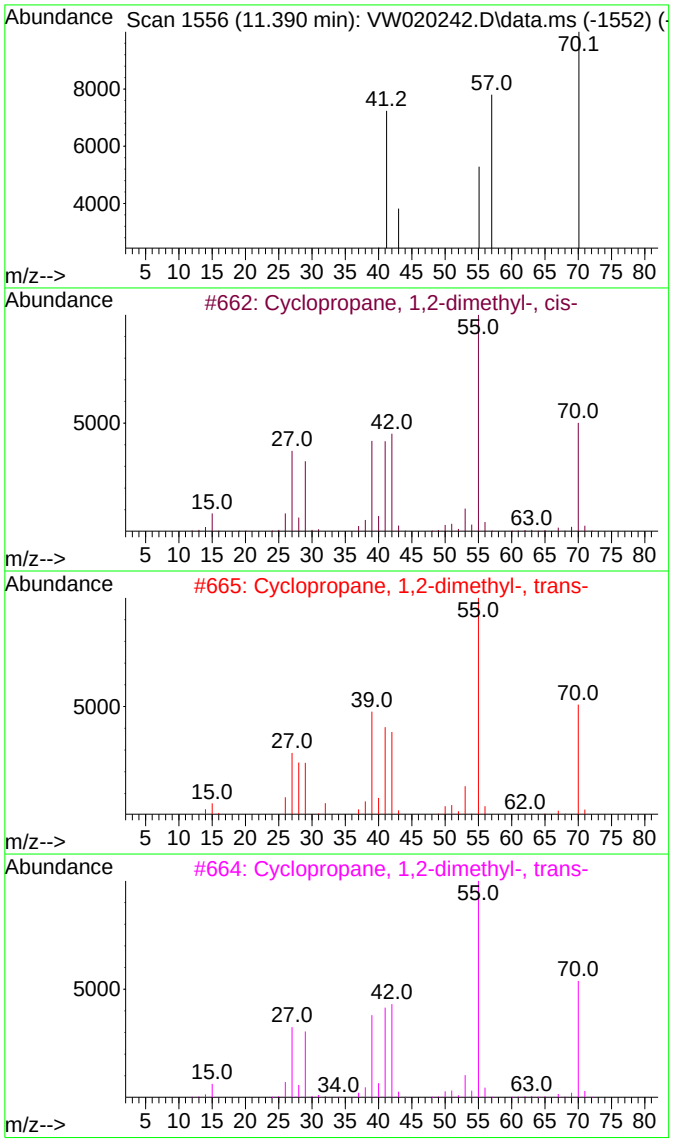
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

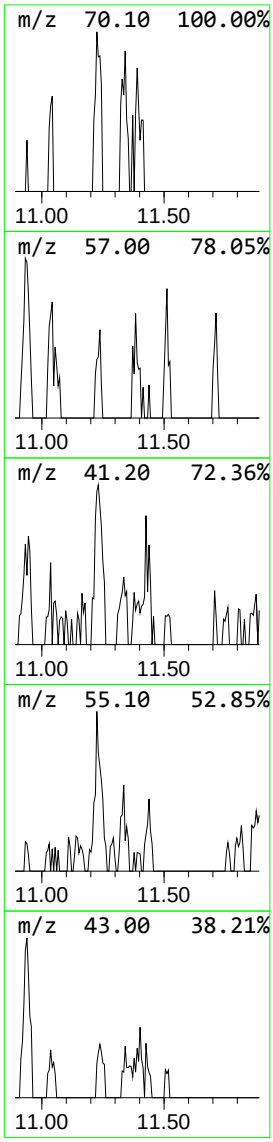
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic11.390 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	1.89 ug/L	1203	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	3
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	3
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	3
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	3
5	2-Pentene	70	C5H10	000109-68-2	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

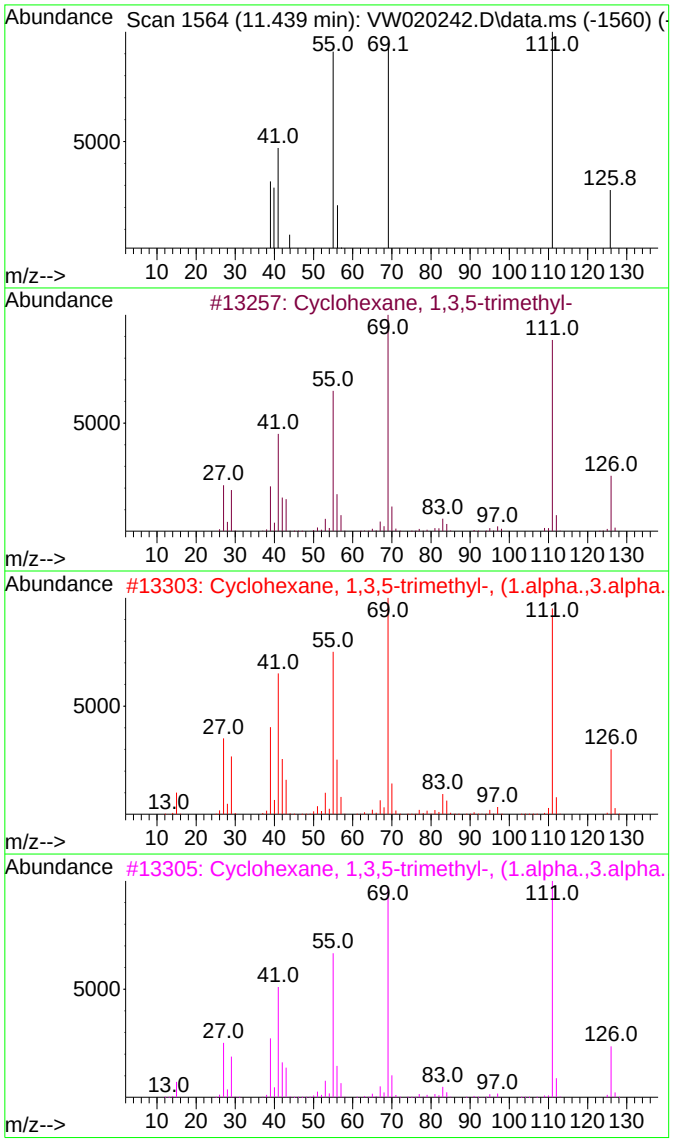
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

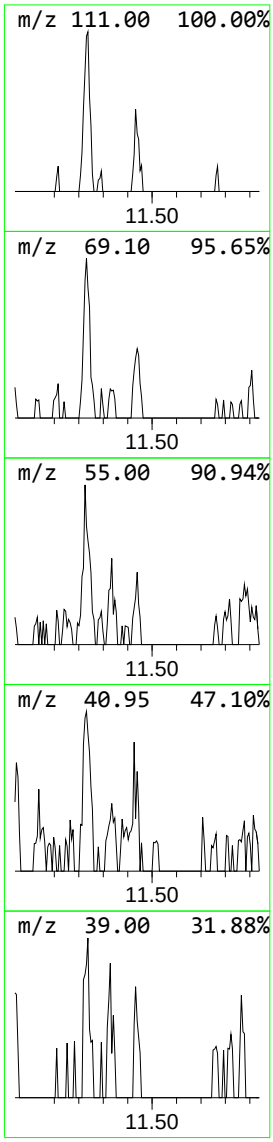
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic11.439 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	3.59 ug/L	2281	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	86
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	78
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

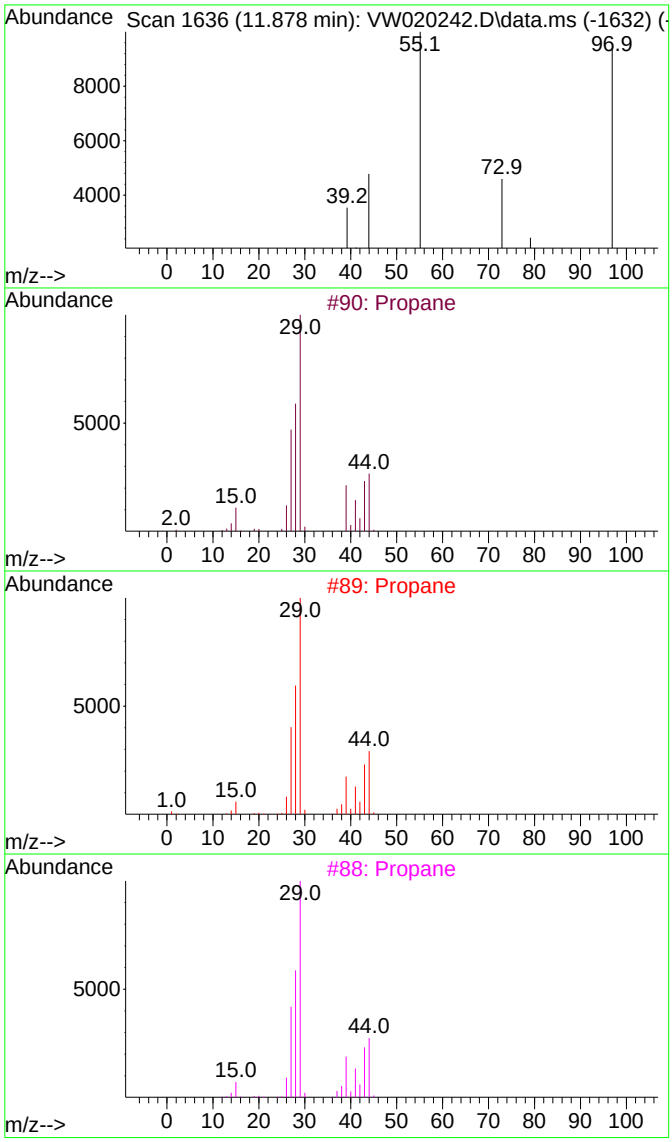
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

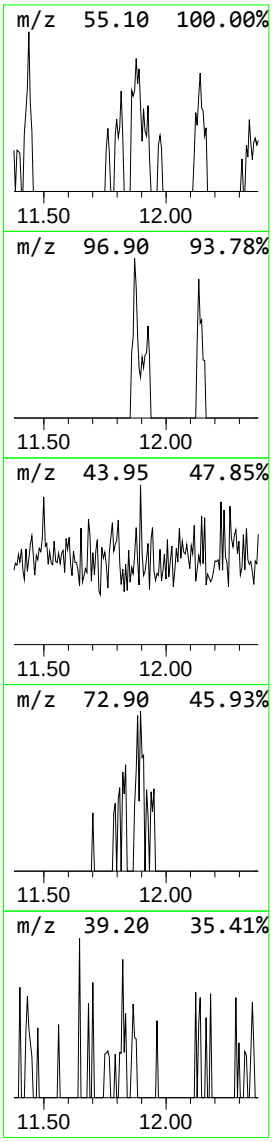
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	1.66 ug/L	1055	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	4
2	Propane	44	C3H8	000074-98-6	4
3	Propane	44	C3H8	000074-98-6	4
4	1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	3
5	Ethylene oxide	44	C2H4O	000075-21-8	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

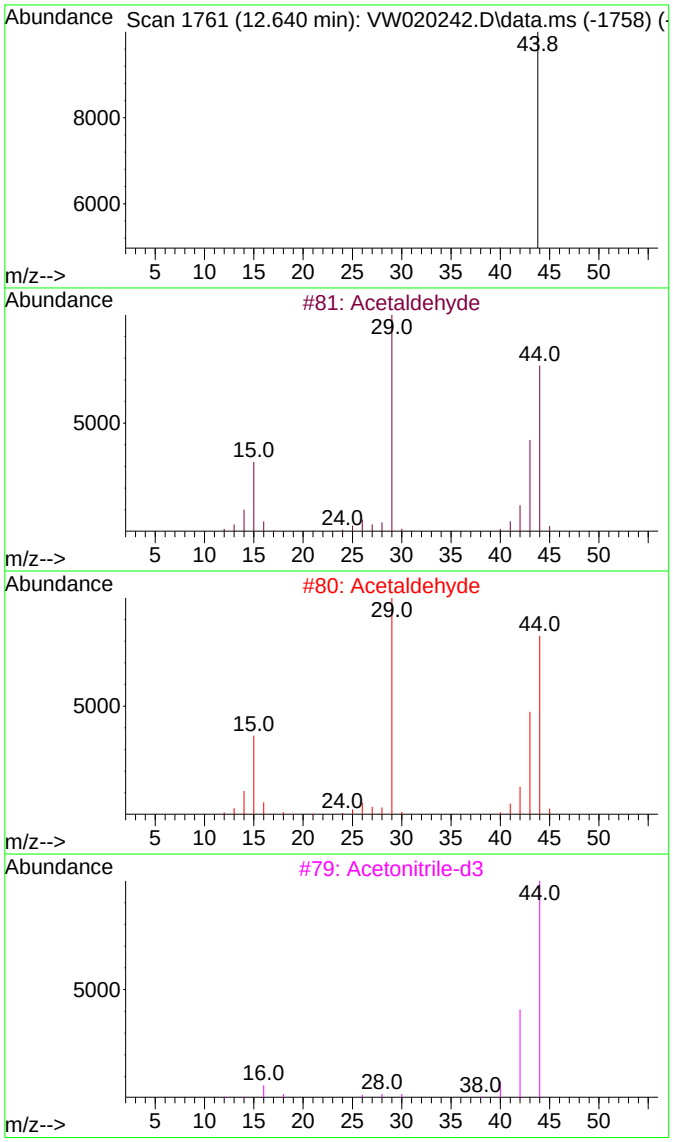
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

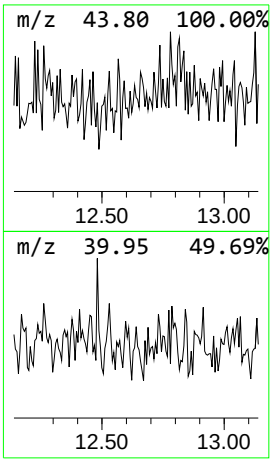
****

Peak Number 12 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.640	1.36 ug/L	142	1,4-Dichlorobenzene-d4	13.560

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	Nitrous oxide	44	N2O	010024-97-2	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

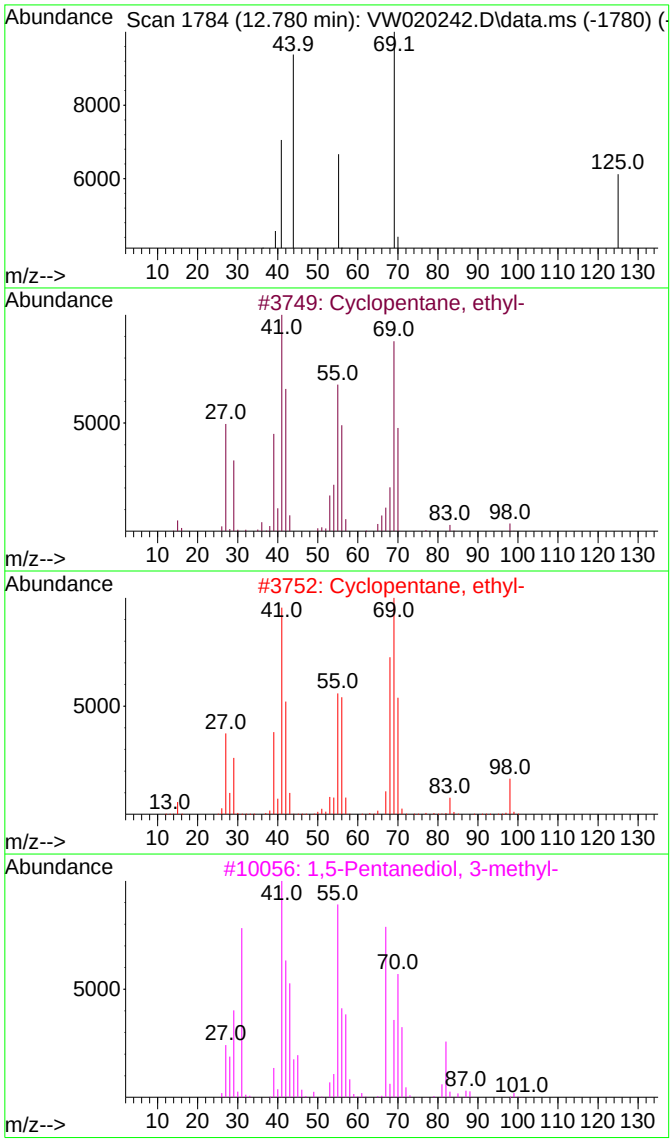
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

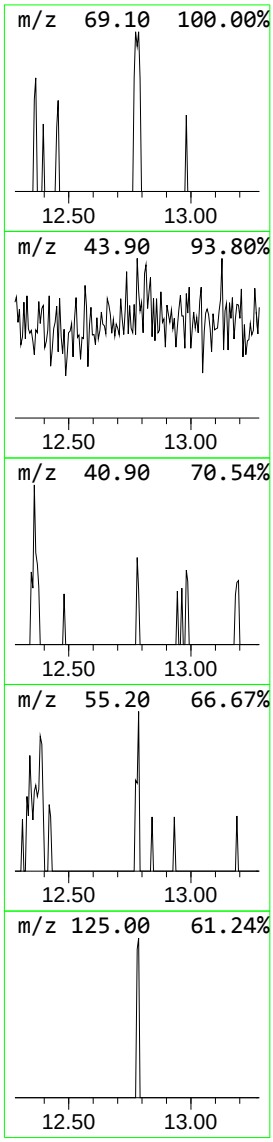
****

Peak Number 13 (DEL) Alkane: Cyclic12.780 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	8.29 ug/L	867	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	32
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	9
3	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	9
4	2,6-Dimethyl-6-trifluoroacetoxyo...	254	C12H21F3O2	061986-67-2	9
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

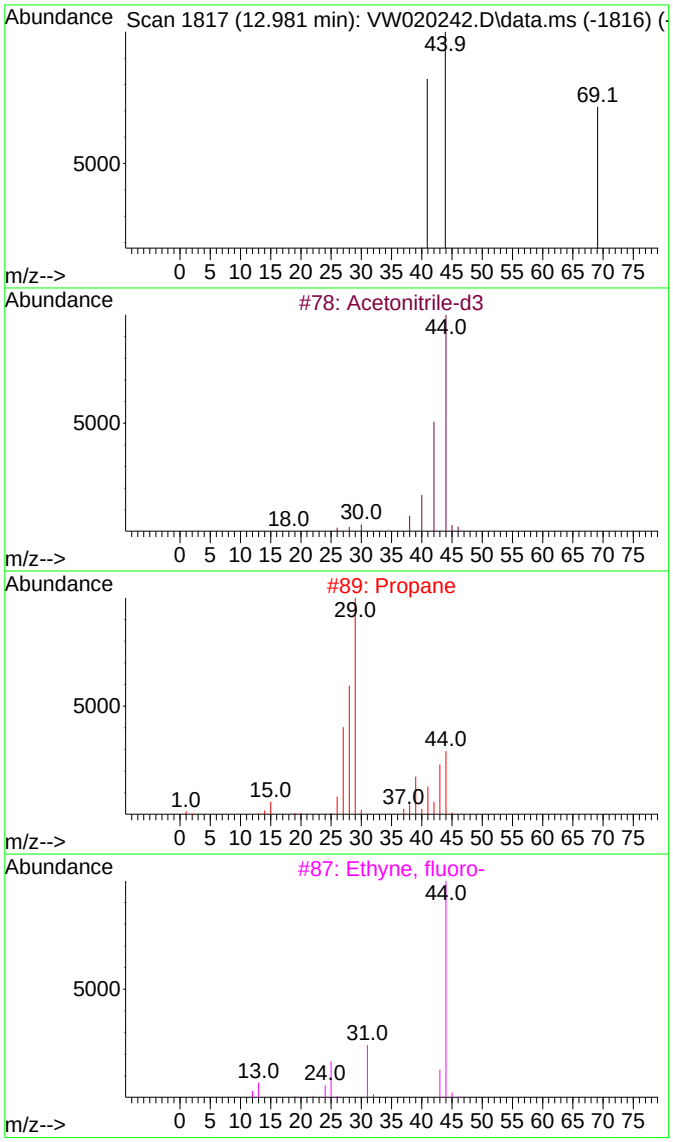
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

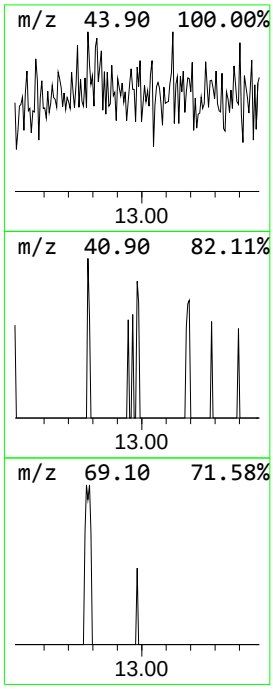
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.981	1.80 ug/L	188	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile-d3	44	C2D3N	002206-26-0	3
2	Propane	44	C3H8	000074-98-6	2
3	Ethyne, fluoro-	44	C2HF	002713-09-9	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_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

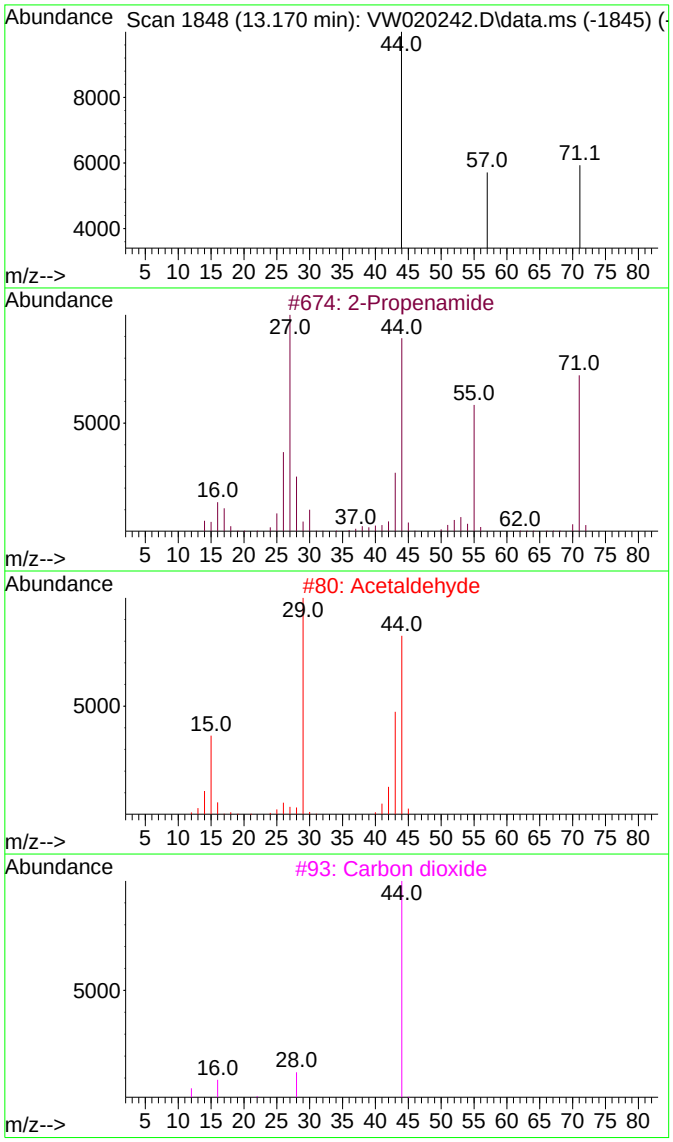
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

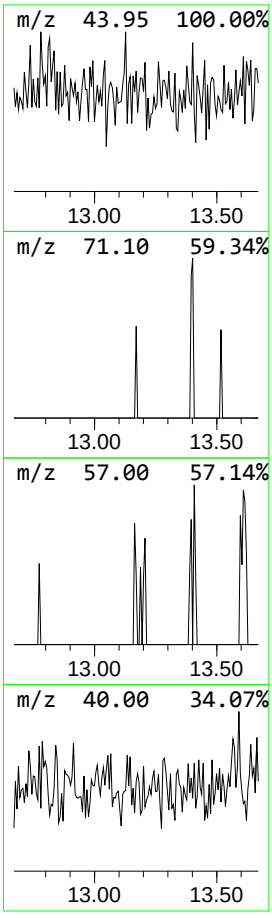
****

Peak Number 15 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	2.21 ug/L	231	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide	71	C3H5NO	000079-06-1	4
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Carbon dioxide	44	CO2	000124-38-9	2
4	2-Propenamide	71	C3H5NO	000079-06-1	2
5	Ethyne, fluoro-	44	C2HF	002713-09-9	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

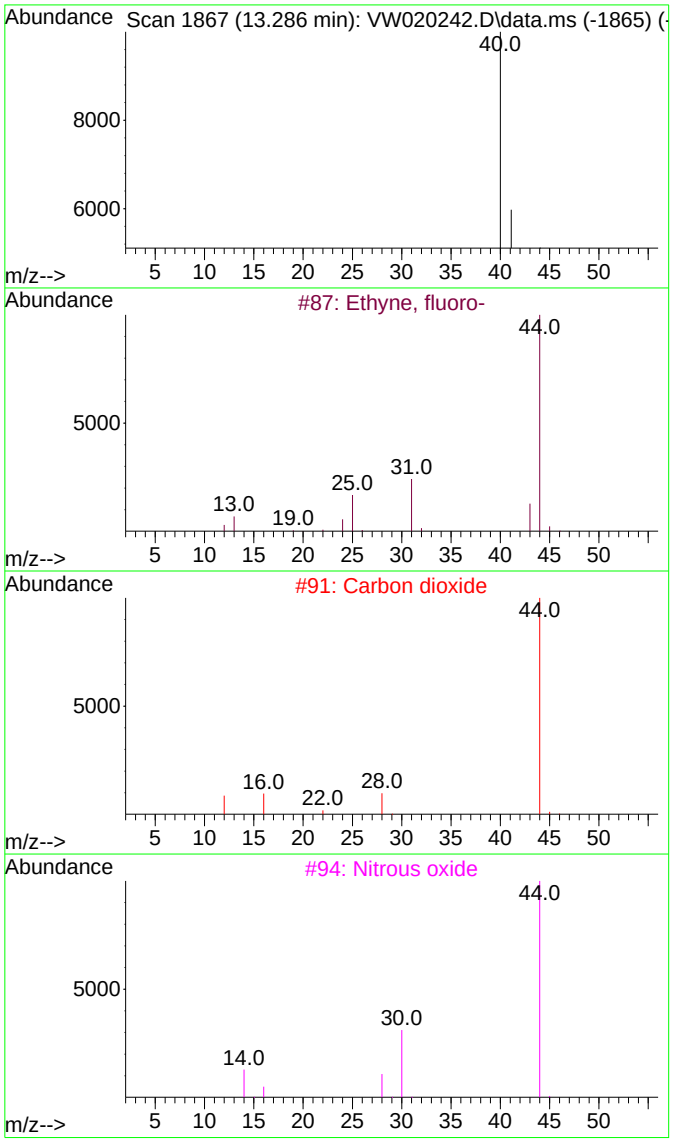
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

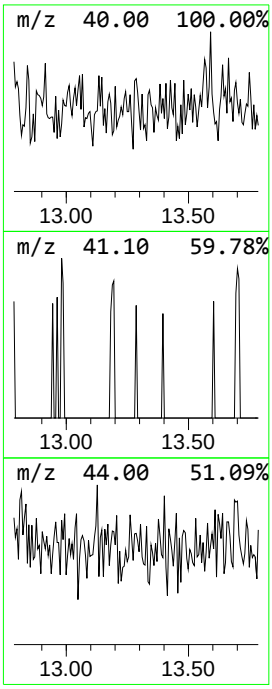
****

Peak Number 16 unknown-07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	1.75 ug/L	183	1,4-Dichlorobenzene-d4	13.560

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	Nitrous oxide	44	N2O	010024-97-2	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Acetaldehyde	44	C2H4O	000075-07-0	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

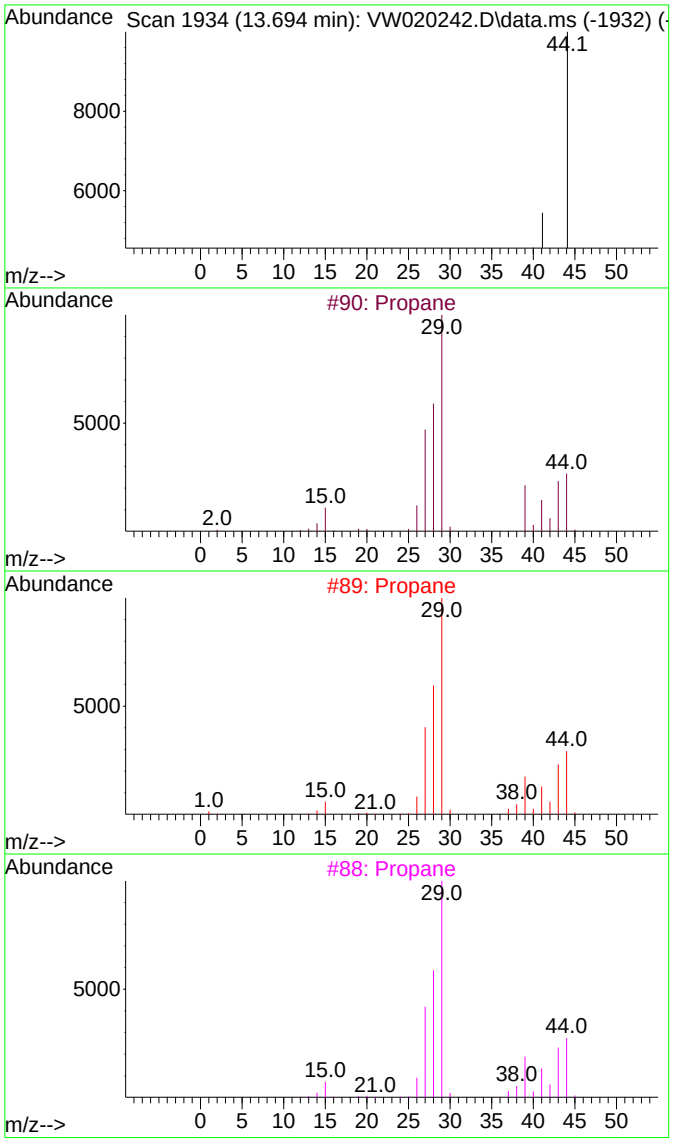
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

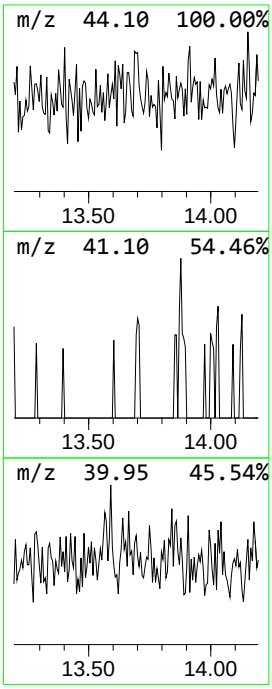
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	2.82 ug/L	295	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	3
2	Propane	44	C3H8	000074-98-6	3
3	Propane	44	C3H8	000074-98-6	3
4	Acetaldehyde	44	C2H4O	000075-07-0	2
5	Acetonitrile-d3	44	C2D3N	002206-26-0	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

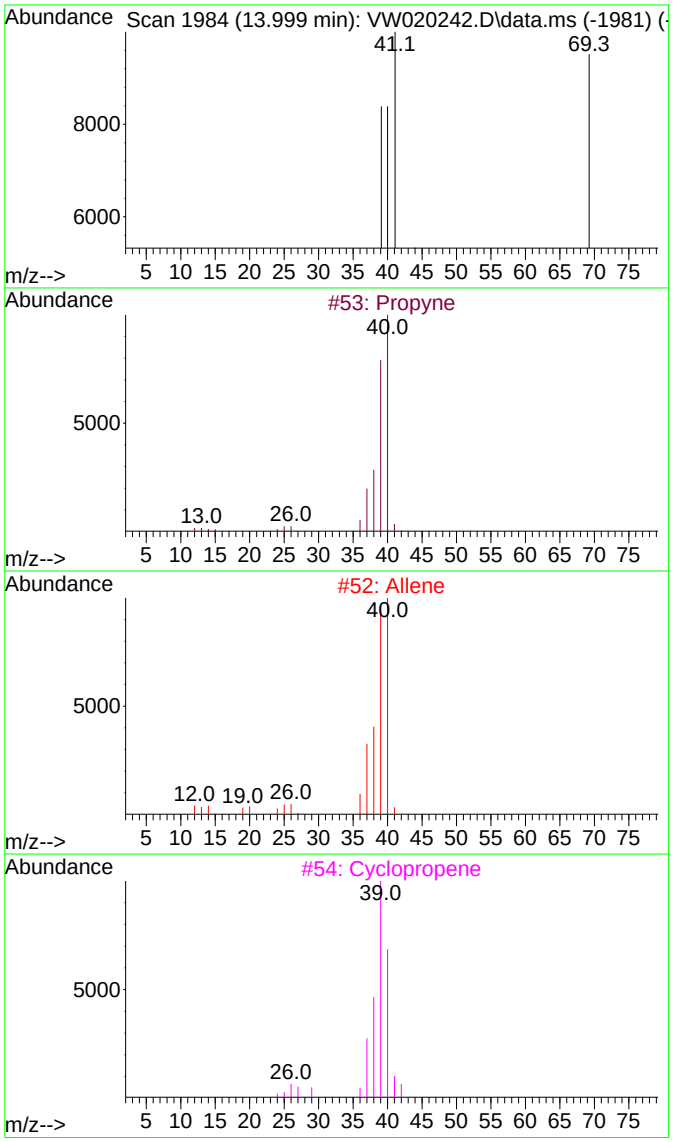
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

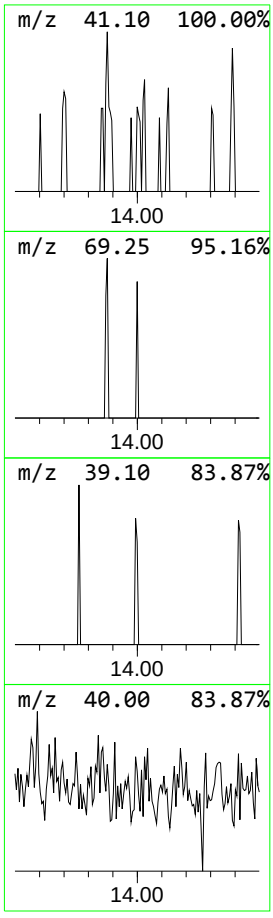
****

Peak Number 18 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	2.53 ug/L	265	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne	40	C3H4	000074-99-7	5
2	Allene	40	C3H4	000463-49-0	5
3	Cyclopropene	40	C3H4	002781-85-3	5
4	Cyclobutane, methylene-	68	C5H8	001120-56-5	2
5	2,5-Furandione, dihydro-3-methyl...	112	C5H4O3	002170-03-8	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

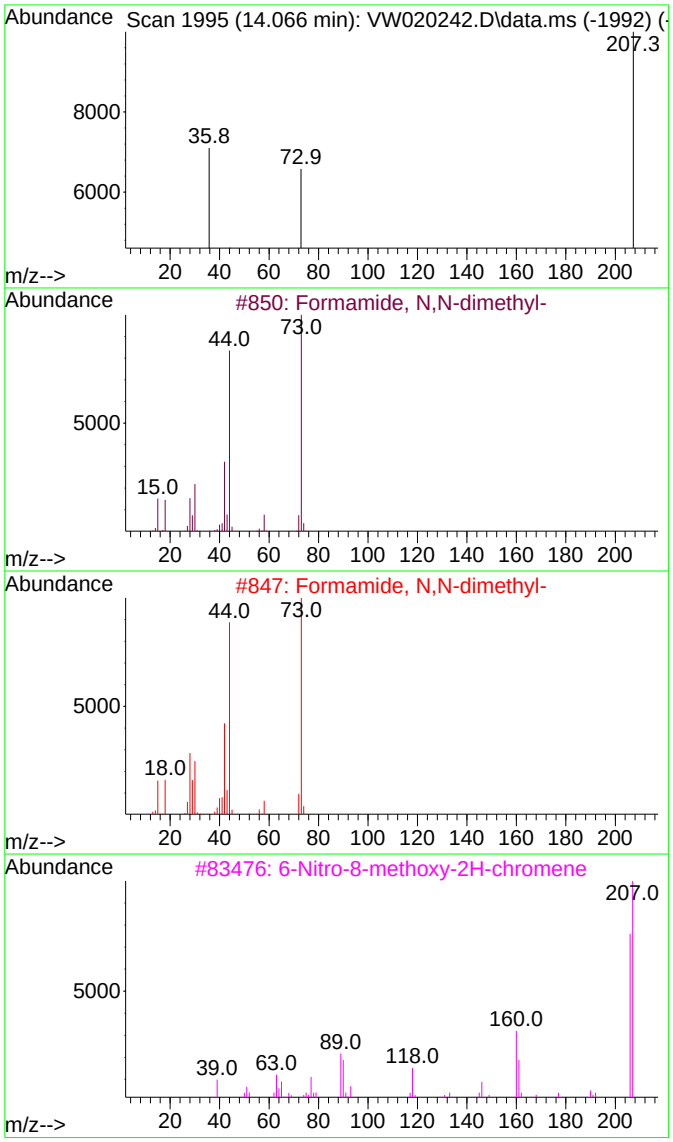
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

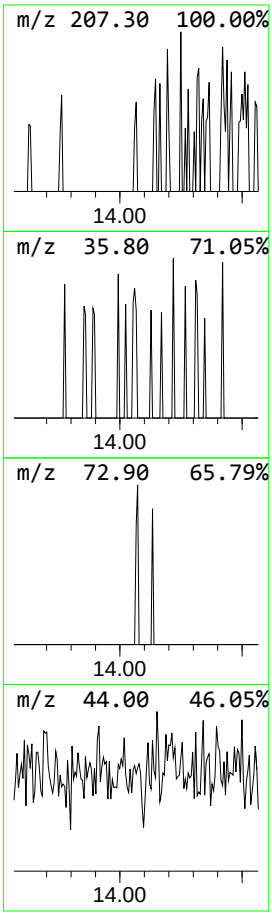
****

Peak Number 19 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	2.17 ug/L	227	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
5	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

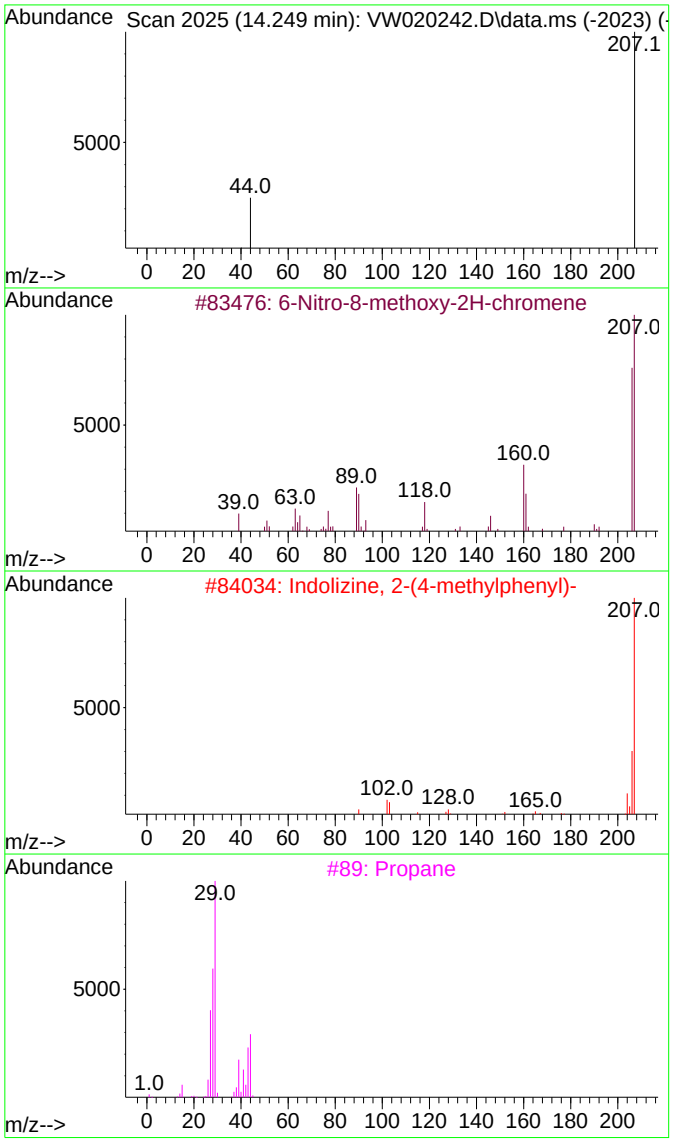
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

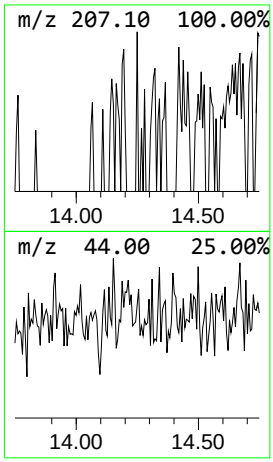
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown-10 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.249	1.47 ug/L	154	1,4-Dichlorobenzene-d4	13.560

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	Propane	44	C3H8	000074-98-6	2
4	Propane	44	C3H8	000074-98-6	2
5	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

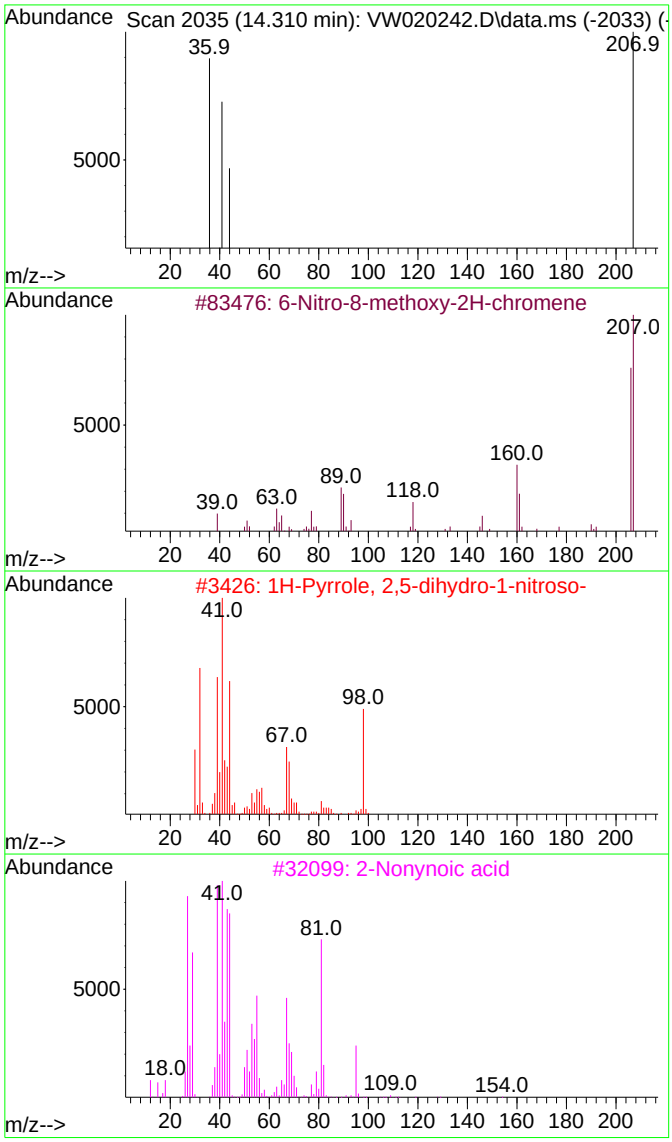
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

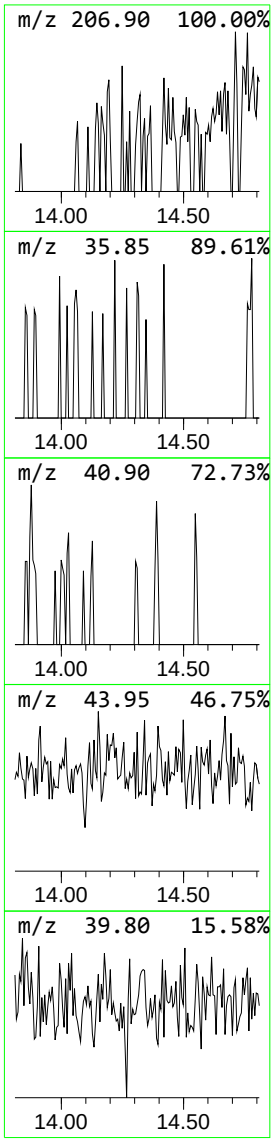
****

Peak Number 21 unknown-11 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	2.44 ug/L	255	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
2	1H-Pyrrole, 2,5-dihydro-1-nitroso-	98	C4H6N2O	010552-94-0	2
3	2-Nonynoic acid	154	C9H14O2	001846-70-4	2
4	Benzoxazol, 2,3-dihydro-2-thioxo...	260	C14H16N2OS	339064-71-0	2
5	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

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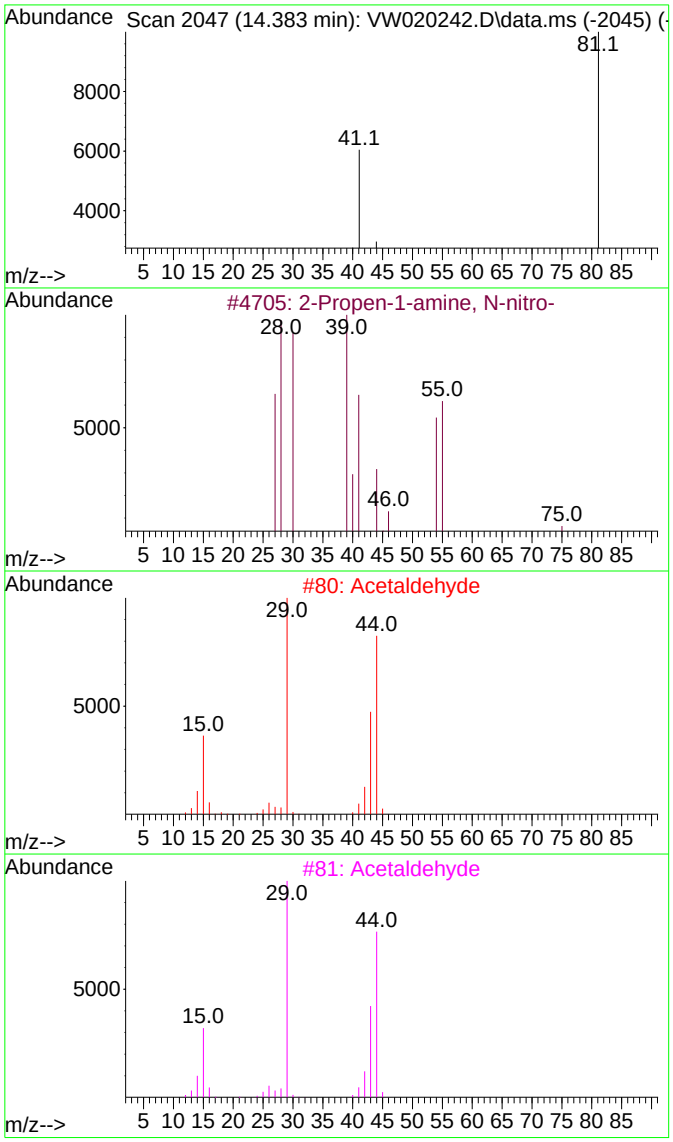
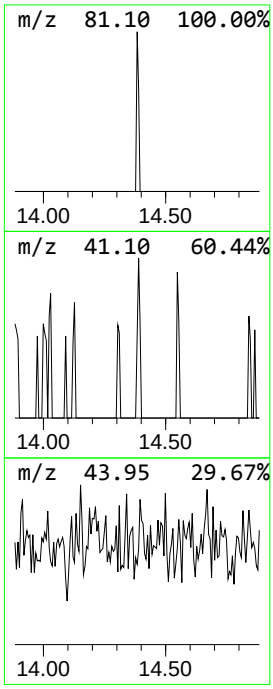
Peak Number 22 unknown-12 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	2.97 ug/L	311	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-amine, N-nitro-	102	C3H6N2O2	074386-81-5	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_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

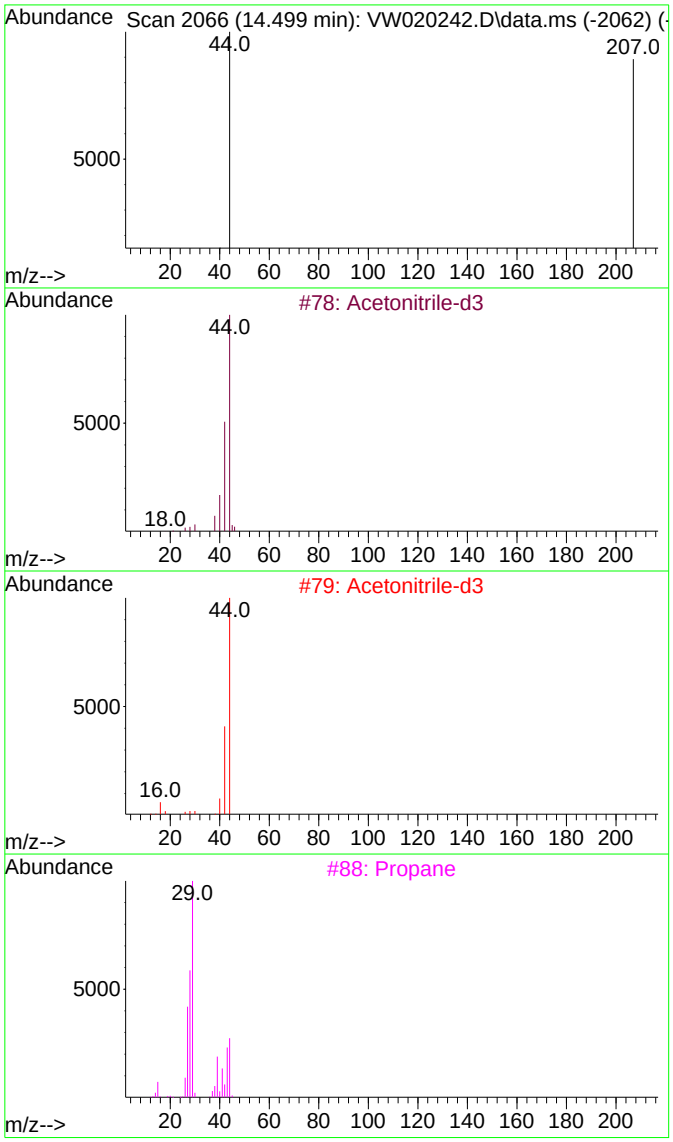
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

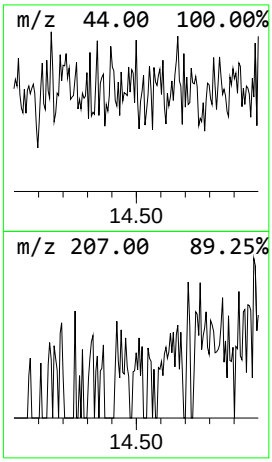
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	1.99 ug/L	208	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile-d3	44	C2D3N	002206-26-0	3
2	Acetonitrile-d3	44	C2D3N	002206-26-0	3
3	Propane	44	C3H8	000074-98-6	3
4	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
5	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

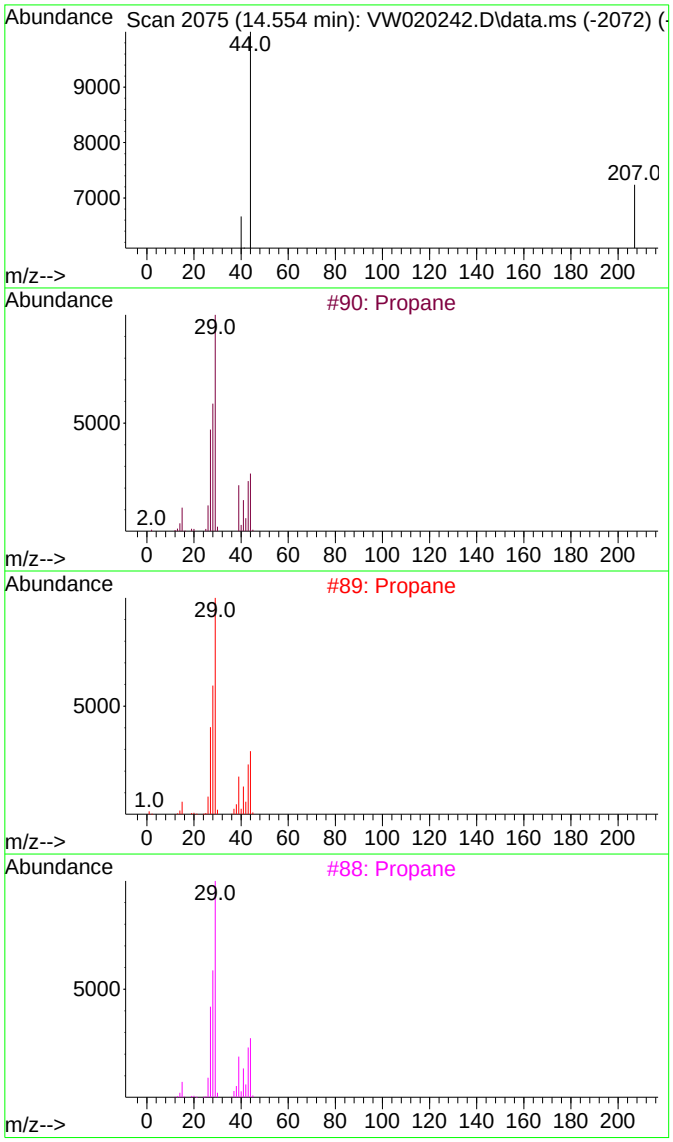
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

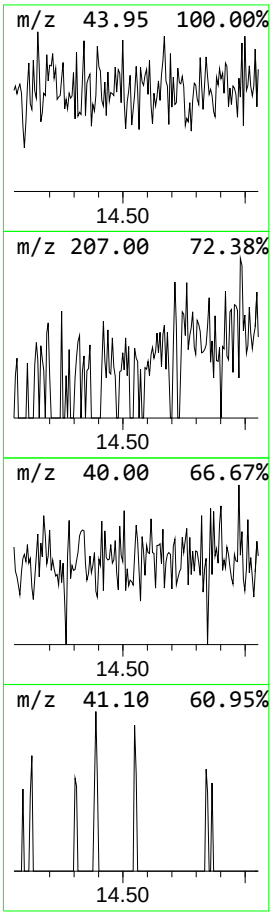
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.554	2.98 ug/L	312	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	3
2	Propane	44	C3H8	000074-98-6	3
3	Propane	44	C3H8	000074-98-6	3
4	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
5	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

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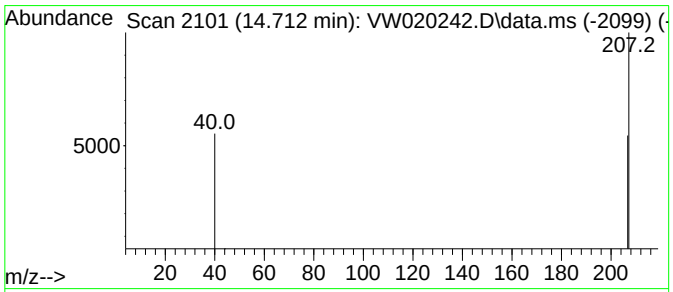
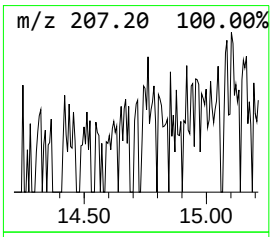
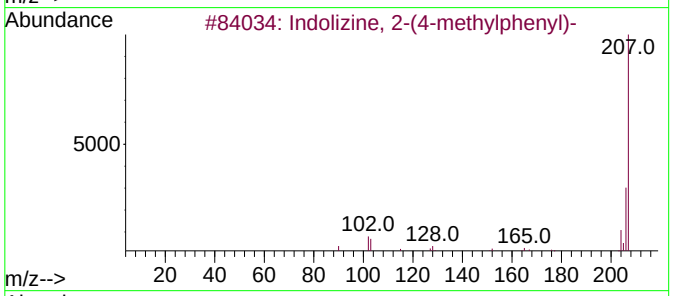
Peak Number 25 unknown-13 Concentration Rank 14

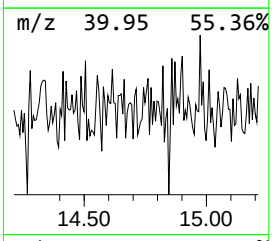
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.712	2.27 ug/L	237	1,4-Dichlorobenzene-d4	13.560

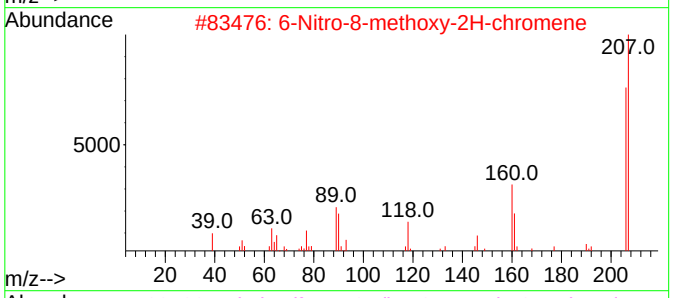
Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
3	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2
4	4-Methyl-2,4-bis(p-hydroxyphenyl...	412	C24H36O2Si2	1000283-56-8	1

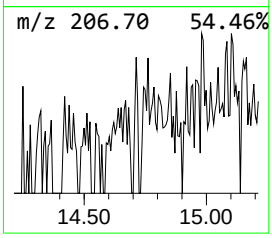


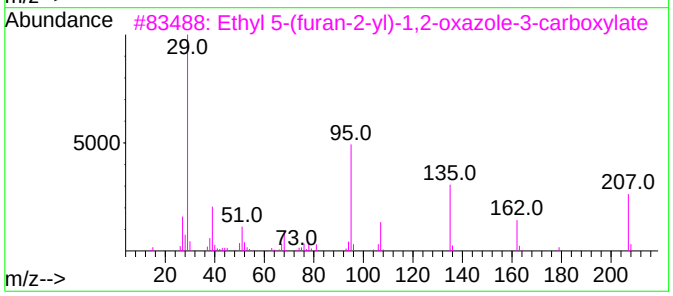












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

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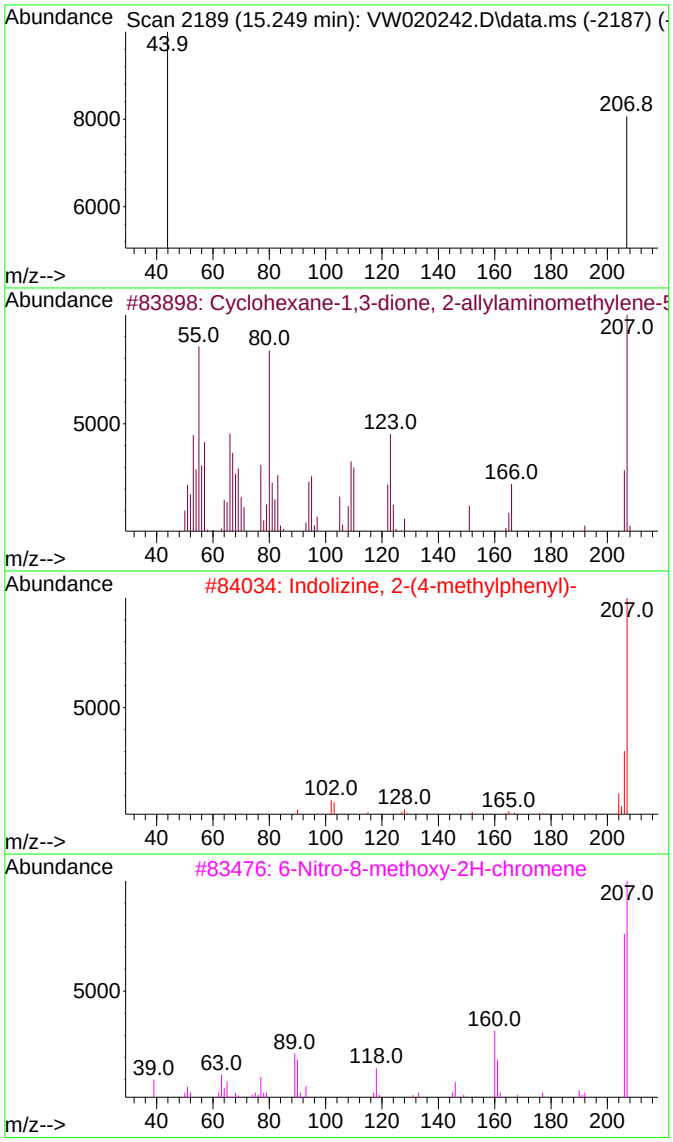
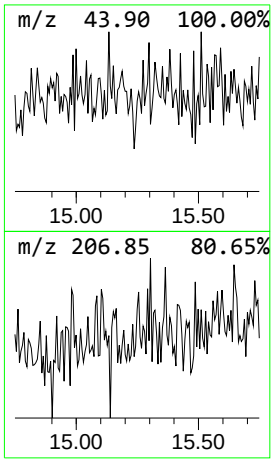
Peak Number 26 unknown-14 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	2.45 ug/L	256	1,4-Dichlorobenzene-d4	13.560

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	Carbon dioxide	44	CO2	000124-38-9	2
5	Nitrous oxide	44	N2O	010024-97-2	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

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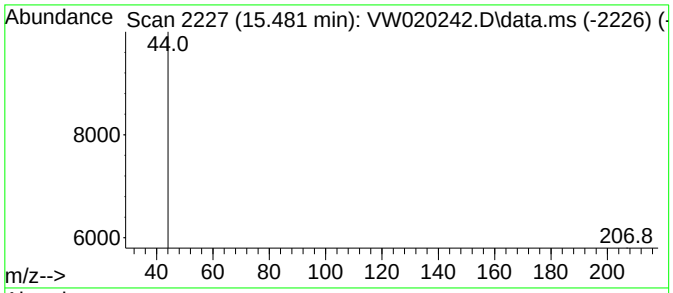
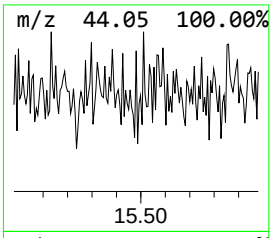
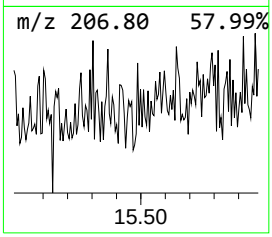
Peak Number 27 unknown-15 Concentration Rank 30

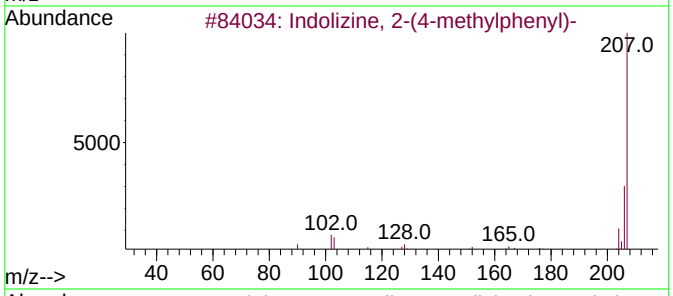
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.481	1.38 ug/L	144	1,4-Dichlorobenzene-d4	13.560

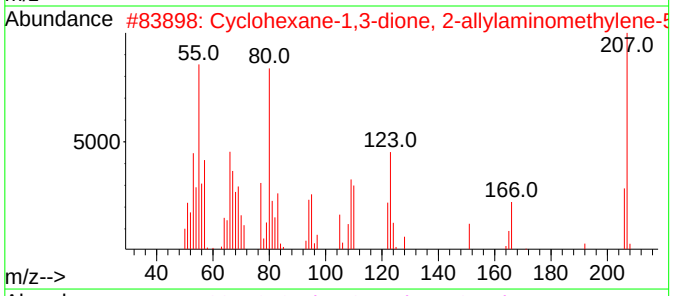
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	MDMA methylene homolog	207	C12H17NO2	1010386-32-2	2
5	Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2

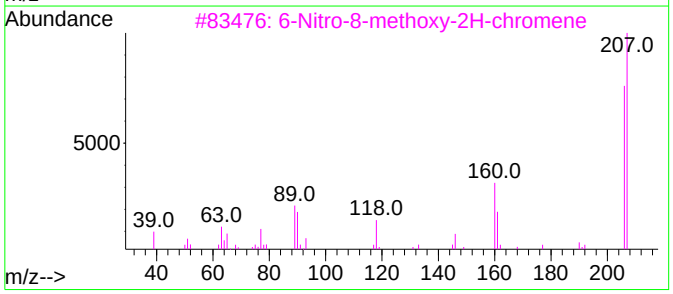












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

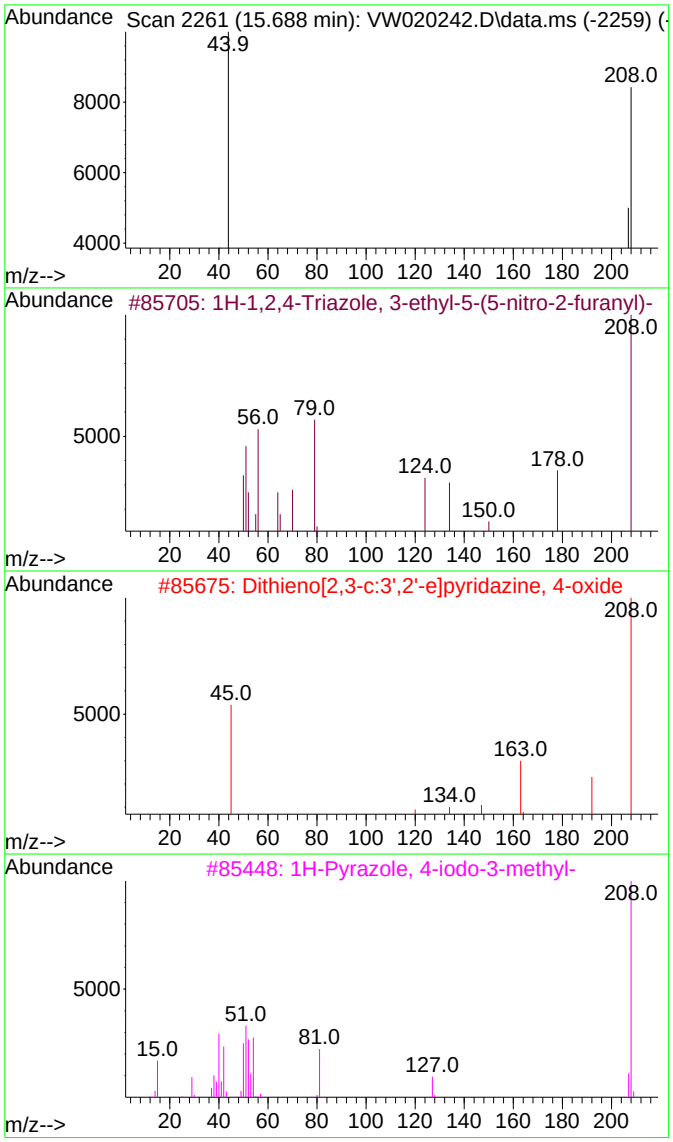
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

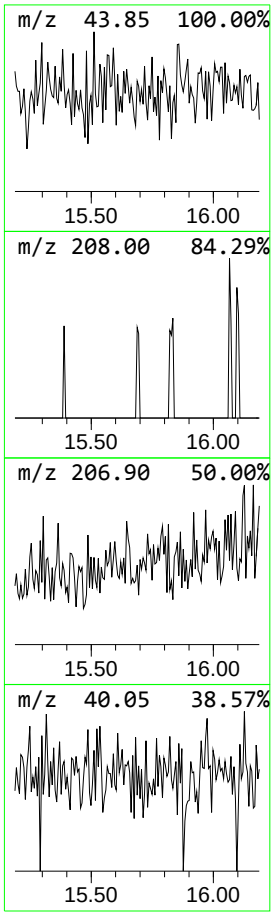
****

Peak Number 28 unknown-16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.688	1.83 ug/L	191	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 3-ethyl-5-(5-...	208	C8H8N4O3	005019-57-8	3
2	Dithieno[2,3-c:3',2'-e]pyridazin...	208	C8H4N2OS2	051974-87-9	3
3	1H-Pyrazole, 4-iodo-3-methyl-	208	C4H5IN2	015802-75-2	3
4	1-Propene, 2-(3-methylphenyl)-1-...	208	C16H16	1010138-72-6	3
5	Ethyl .alpha.-fluoro-4-methyl-ci...	208	C12H13FO2	1000147-66-6	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

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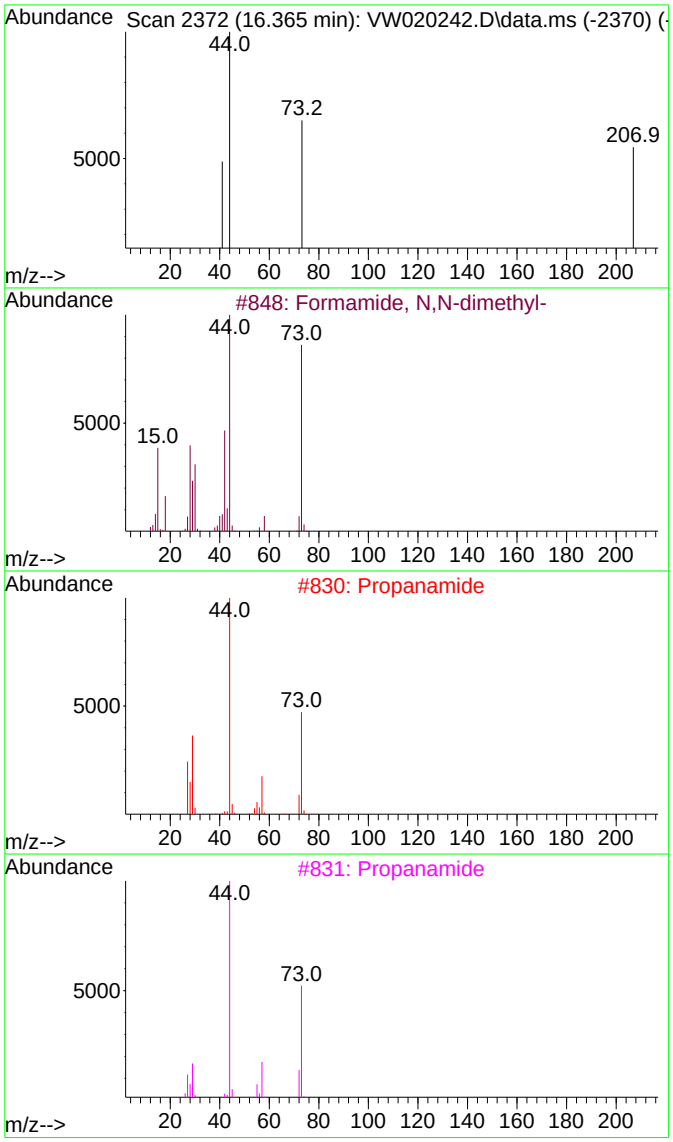
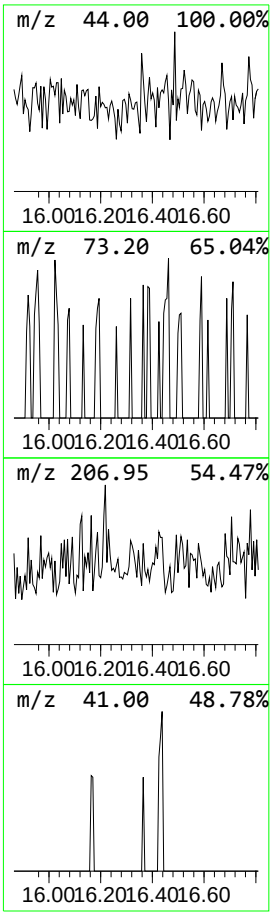
Peak Number 30 unknown-17 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	1.83 ug/L	191	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
2	Propanamide	73	C3H7NO	000079-05-0	4
3	Propanamide	73	C3H7NO	000079-05-0	4
4	Propanamide	73	C3H7NO	000079-05-0	4
5	Propane	44	C3H8	000074-98-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

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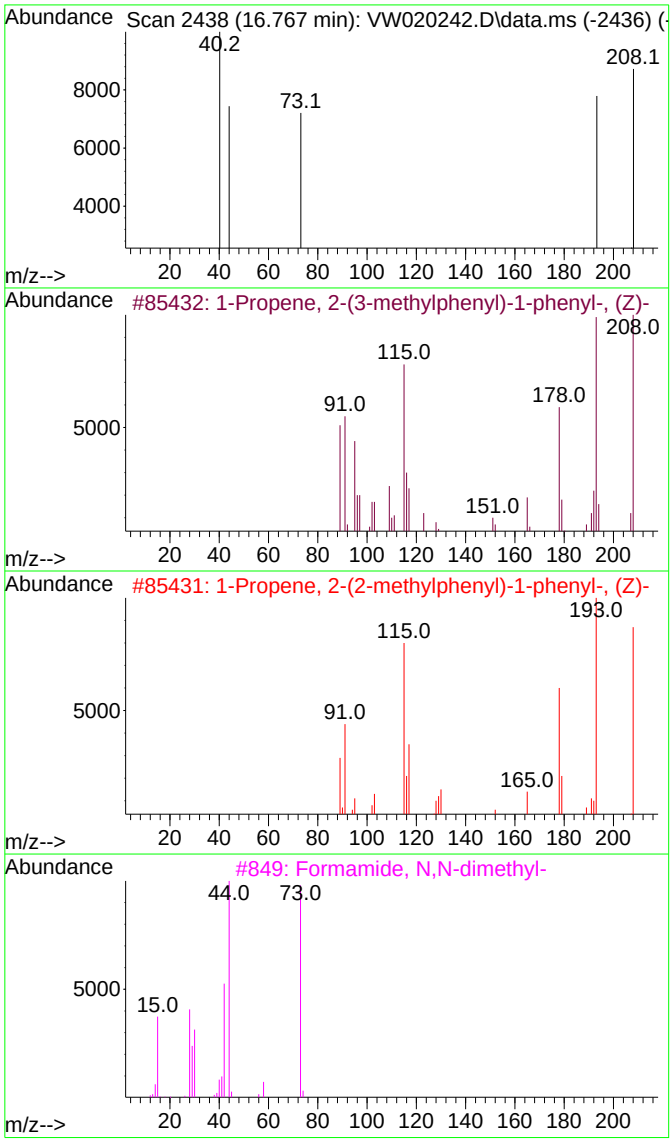
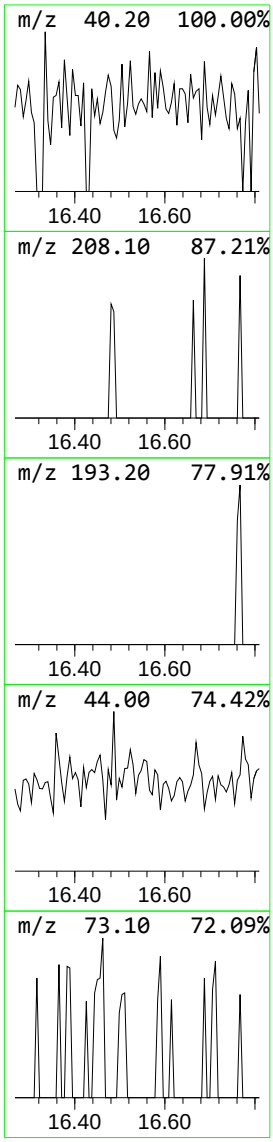
Peak Number 31 unknown-18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.767	2.12 ug/L	222	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-(3-methylphenyl)-1-...	208	C16H16	1010138-72-6	7
2	1-Propene, 2-(2-methylphenyl)-1-...	208	C16H16	1000138-72-4	7
3	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
5	1-(2-Adamantylidene)semicarbazide	207	C11H17N3O	065814-27-9	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020242.D
Acq On : 29 Sep 2021 20:32
Operator : SY/VA
Sample : M3974-03
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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	4.940	1.6	ug/L	2935	1	8.848	45393	25.0
(DEL) Alkane: C...	9.762	1.6	ug/L	2969	1	8.848	45393	25.0
unknown-02	10.036	2.7	ug/L	4977	1	8.848	45393	25.0
unknown-03	10.506	1.6	ug/L	1000	2	11.634	15900	25.0
(DEL) Alkane: C...	10.670	4.4	ug/L	2794	2	11.634	15900	25.0
unknown-04	11.036	1.7	ug/L	1082	2	11.634	15900	25.0
(DEL) Alkane: C...	11.231	11.5	ug/L	7321	2	11.634	15900	25.0
(DEL) Alkane: S...	11.335	3.4	ug/L	2129	2	11.634	15900	25.0
(DEL) Alkane: C...	11.390	1.9	ug/L	1203	2	11.634	15900	25.0
(DEL) Alkane: C...	11.439	3.6	ug/L	2281	2	11.634	15900	25.0
(DEL) Alkane: S...	11.878	1.7	ug/L	1055	2	11.634	15900	25.0
unknown-05	12.640	1.4	ug/L	142	3	13.560	2614	25.0
(DEL) Alkane: C...	12.780	8.3	ug/L	867	3	13.560	2614	25.0
(DEL) Alkane: S...	12.981	1.8	ug/L	188	3	13.560	2614	25.0
unknown-06	13.170	2.2	ug/L	231	3	13.560	2614	25.0
unknown-07	13.286	1.8	ug/L	183	3	13.560	2614	25.0
(DEL) Alkane: S...	13.694	2.8	ug/L	295	3	13.560	2614	25.0
unknown-08	13.999	2.5	ug/L	265	3	13.560	2614	25.0
unknown-09	14.066	2.2	ug/L	227	3	13.560	2614	25.0
unknown-10	14.249	1.5	ug/L	154	3	13.560	2614	25.0
unknown-11	14.310	2.4	ug/L	255	3	13.560	2614	25.0
unknown-12	14.383	3.0	ug/L	311	3	13.560	2614	25.0
(DEL) Alkane: S...	14.499	2.0	ug/L	208	3	13.560	2614	25.0
(DEL) Alkane: S...	14.554	3.0	ug/L	312	3	13.560	2614	25.0
unknown-13	14.712	2.3	ug/L	237	3	13.560	2614	25.0
unknown-14	15.249	2.5	ug/L	256	3	13.560	2614	25.0
unknown-15	15.481	1.4	ug/L	144	3	13.560	2614	25.0
unknown-16	15.688	1.8	ug/L	191	3	13.560	2614	25.0
unknown-17	16.365	1.8	ug/L	191	3	13.560	2614	25.0
unknown-18	16.767	2.1	ug/L	222	3	13.560	2614	25.0