LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

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\SFAMWLM110621SMA.M
Title : SFAM01.0

Signal : TIC: VW020803.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	43	rBV2	2356	3843	0.01%	0.002%
2	2.178	43	45	49	rVB2	2065	2980	0.00%	0.002%
3	2.349	64	73	84	rBV2	99144	174993	0.23%	0.106%
4	2.489	91	96	112	rVB	21702	49253	0.07%	0.030%
5	2.806	142	148	154	rBV	11160	20427	0.03%	0.012%
6	2.879	154	160	173	rVB2	24166	57429	0.08%	0.035%
7	3.026	179	184	190	rVB2	4350	8689	0.01%	0.005%
8	3.312	224	231	237	rBV3	2361	5147	0.01%	0.003%
9	3.385	237	243	250	rVV3	2442	5730	0.01%	0.003%
10	3.440	250	252	258	rVB4	1097	1959	0.00%	0.001%
11	3.782	290	308	322	rBV	40515	129463	0.17%	0.079%
12	4.038	334	350	356	rBV2	392299	1213651	1.61%	0.737%
13	4.117	356	363	386	rVB	1047685	2923546	3.87%	1.774%
14	4.385	398	407	424	rVB	18444	62187	0.08%	0.038%
15	4.672	450	454	462	rVB5	657	1592	0.00%	0.001%
16	4.916	483	494	503	rBV2	6882	26819	0.04%	0.016%
17	5.001	503	508	525	rVB4	3816	14099	0.02%	0.009%
18	5.172	531	536	544	rVB4	410	1117	0.00%	0.001%
19	5.422	565	577	595	rVB	50897	158196	0.21%	0.096%
20	5.781	622	636	650	rBV2	11708	38442	0.05%	0.023%
21	5.928	650	660	674	rVB3	2584	8447	0.01%	0.005%
22	6.117	684	691	692	rBV3	622	1154	0.00%	0.001%
23	6.214	693	707	732	rVB	1627367	5002106	6.62%	3.036%
24	6.604	762	771	784	rVB3	8255	23612	0.03%	0.014%
25	6.720	784	790	792	rBV4	460	920	0.00%	0.001%
26	6.897	811	819	826	rBV4	2398	7419	0.01%	0.005%
27	6.988	826	834	842	rVB3	4385	12003	0.02%	0.007%
28	7.165	842	863	893	rBV	12994122	37067083	49.05%	22.495%
29	7.647	932	942	954	rVB	84694	207827	0.27%	0.126%
30	7.915	981	986	990	rBV5	1209	2814	0.00%	0.002%
31	8.153	1020	1025	1031	rVB3	979	1912	0.00%	0.001%
32	8.275	1035	1045	1048	rBV	171133	387748	0.51%	0.235%
33	8.317	1048	1052	1060	rVV3	220208	532324	0.70%	0.323%
34	8.397	1060	1065	1078	rVB	37583	84993	0.11%	0.052%
35	8.555	1086	1091	1099	rVB8	2164	5423	0.01%	0.003%
36	8.616	1099	1101	1106	rVB3	582	783	0.00%	0.000%

LSC Area Percent Report

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Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

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\SFAMWLM110621SMA.M
Title : SFAM01.0

37	8.708	1106	1116	1125	rBV2	9513	23281	0.03%	0.014%
38	8.842	1129	1138	1148	rVB	190240	381893	0.51%	0.232%
39	9.092	1168	1179	1203	rBV3	17233543	75574968	100.00%	45.864%
40	9.281	1203	1210	1217	rVB	106393	208771	0.28%	0.127%
41	9.445	1227	1237	1247	rVB4	13307	37887	0.05%	0.023%
42	9.756	1279	1288	1294	rBV	9238	17526	0.02%	0.011%
43	9.884	1302	1309	1318	rVB2	51943	104521	0.14%	0.063%
44	9.970	1318	1323	1327	rBV7	1061	2102	0.00%	0.001%
45	10.037	1327	1334	1341	rBV	69123	121522	0.16%	0.074%
46	10.128	1344	1349	1356	rVB	2899	5659	0.01%	0.003%
47	10.226	1356	1365	1375	rBV	287726	642320	0.85%	0.390%
48	10.329	1375	1382	1385	rBV	199491	394485	0.52%	0.239%
49	10.390	1385	1392	1395	rBV2	17448875	37575798	49.72%	22.804%
50	10.579	1417	1423	1430	rVB	46353	77249	0.10%	0.047%
51	10.732	1438	1448	1458	rVB2	17242	43996	0.06%	0.027%
52	10.817	1458	1462	1464	rVV5	878	1296	0.00%	0.001%
53	10.860	1466	1469	1473	rVV5	2736	4275	0.01%	0.003%
54	10.927	1473	1480	1492	rVV2	59920	116398	0.15%	0.071%
55	11.012	1492	1494	1499	rVB3	999	1309	0.00%	0.001%
56	11.073	1499	1504	1510	rBV2	5039	8366	0.01%	0.005%
57	11.177	1518	1521	1525	rVB6	751	1142	0.00%	0.001%
58	11.232	1525	1530	1535	rVB4	1339	2389	0.00%	0.001%
59	11.372	1548	1553	1561	rVB2	2545	4383	0.01%	0.003%
60	11.542	1570	1581	1588	rVB7	1732	4986	0.01%	0.003%
61	11.628	1588	1595	1604	rBV	219976	373297	0.49%	0.227%
62	11.731	1604	1612	1619	rBV	8974	15192	0.02%	0.009%
63	11.835	1623	1629	1643	rVB2	10276	22721	0.03%	0.014%
64	11.987	1650	1654	1657	rVB4	716	909	0.00%	0.001%
65	12.122	1669	1676	1678	rBV5	1588	3113	0.00%	0.002%
66	12.164	1678	1683	1688	rVV2	6977	12469	0.02%	0.008%
67	12.231	1690	1694	1699	rVB5	1467	2865	0.00%	0.002%
68	12.341	1706	1712	1722	rBV6	2765	5931	0.01%	0.004%
69	12.542	1740	1745	1750	rVV	10482	17706	0.02%	0.011%
70	12.603	1750	1755	1761	rVB2	10911	17662	0.02%	0.011%
71	12.689	1763	1769	1776	rVB	67684	112794	0.15%	0.068%
72	12.768	1776	1782	1791	rBV6	3200	8585	0.01%	0.005%
73	12.871	1794	1799	1801	rBV3	1217	2238	0.00%	0.001%
74	12.939	1801	1810	1818	rVB9	2407	6969	0.01%	0.004%
75	13.030	1820	1825	1830	rBV2	6535	9434	0.01%	0.006%
76	13.085	1830	1834	1840	rVB5	1497	3016	0.00%	0.002%

LSC Area Percent Report

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Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

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\SFAMWLM110621SMA.M
Title : SFAM01.0

77	13.182	1844	1850	1856	rBV6	2108	3948	0.01%	0.002%
78	13.268	1856	1864	1877	rVB	67020	118585	0.16%	0.072%
79	13.396	1877	1885	1890	rBV7	2091	4777	0.01%	0.003%
80	13.554	1905	1911	1919	rBV	106203	175420	0.23%	0.106%
81	13.615	1919	1921	1922	rVV2	979	934	0.00%	0.001%
82	13.646	1922	1926	1931	rVV2	2215	3671	0.00%	0.002%
83	13.701	1931	1935	1940	rVB5	720	1156	0.00%	0.001%
84	13.853	1949	1960	1967	rBV	89599	149541	0.20%	0.091%
85	13.908	1967	1969	1972	rVB4	840	846	0.00%	0.001%
86	14.066	1988	1995	2001	rVV2	15549	24144	0.03%	0.015%
87	14.316	2027	2036	2039	rBV5	2147	4832	0.01%	0.003%
88	14.359	2039	2043	2049	rVV2	5559	9381	0.01%	0.006%
89	14.432	2049	2055	2061	rVB2	3067	5381	0.01%	0.003%
90	14.524	2061	2070	2074	rBV4	1061	2138	0.00%	0.001%
91	14.591	2076	2081	2089	rVB5	1295	2957	0.00%	0.002%
92	14.841	2118	2122	2130	rVV4	626	1518	0.00%	0.001%
93	15.060	2152	2158	2163	rBV3	2028	3556	0.00%	0.002%
94	15.097	2163	2164	2172	rVV5	495	925	0.00%	0.001%
95	15.182	2174	2178	2180	rVV4	600	1039	0.00%	0.001%
96	15.249	2184	2189	2195	rVV5	1142	2207	0.00%	0.001%
97	15.395	2209	2213	2218	rVB4	815	1441	0.00%	0.001%
98	15.487	2220	2228	2238	rVB	22571	40061	0.05%	0.024%
99	15.792	2270	2278	2283	rVB5	1210	2871	0.00%	0.002%
100	15.950	2302	2304	2309	rVV5	558	1019	0.00%	0.001%

Sum of corrected areas: 164779901

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
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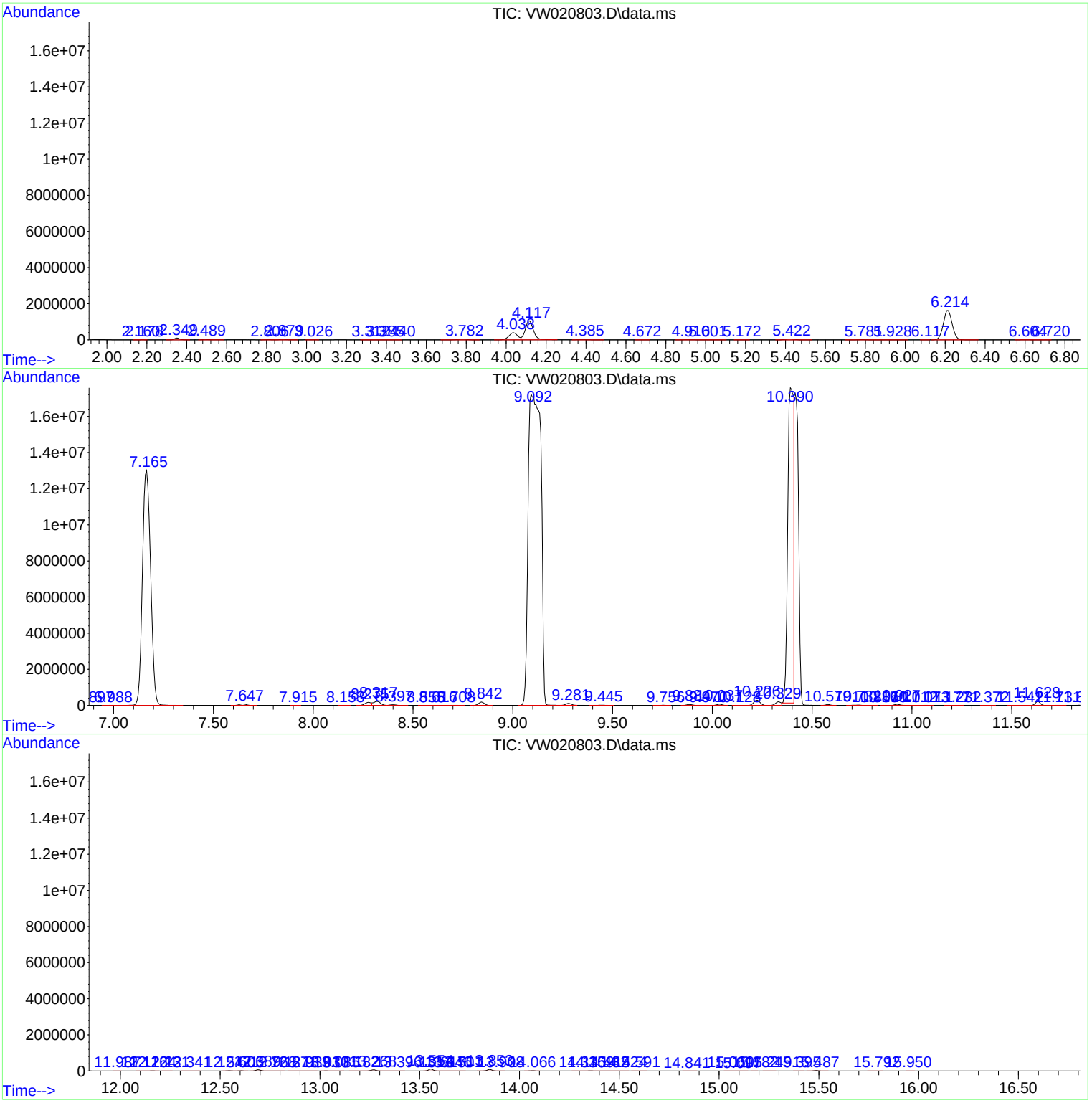
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

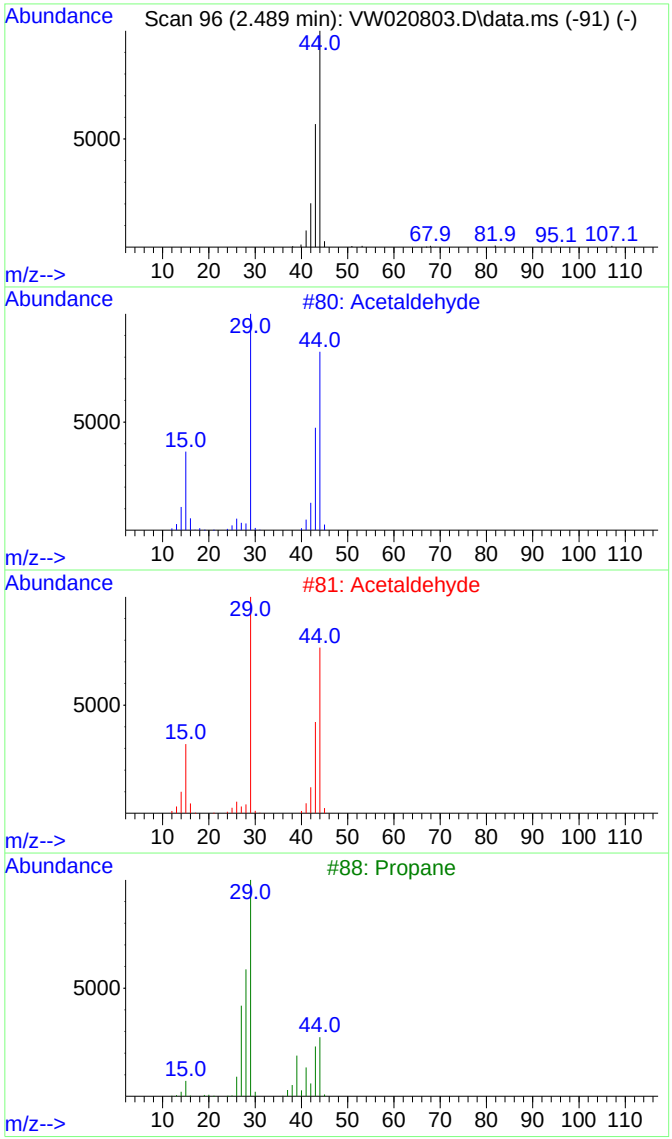
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

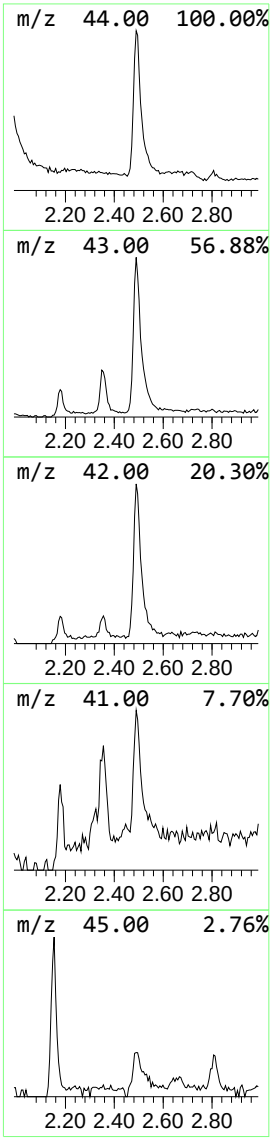
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	3.22 ug/L	49253	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

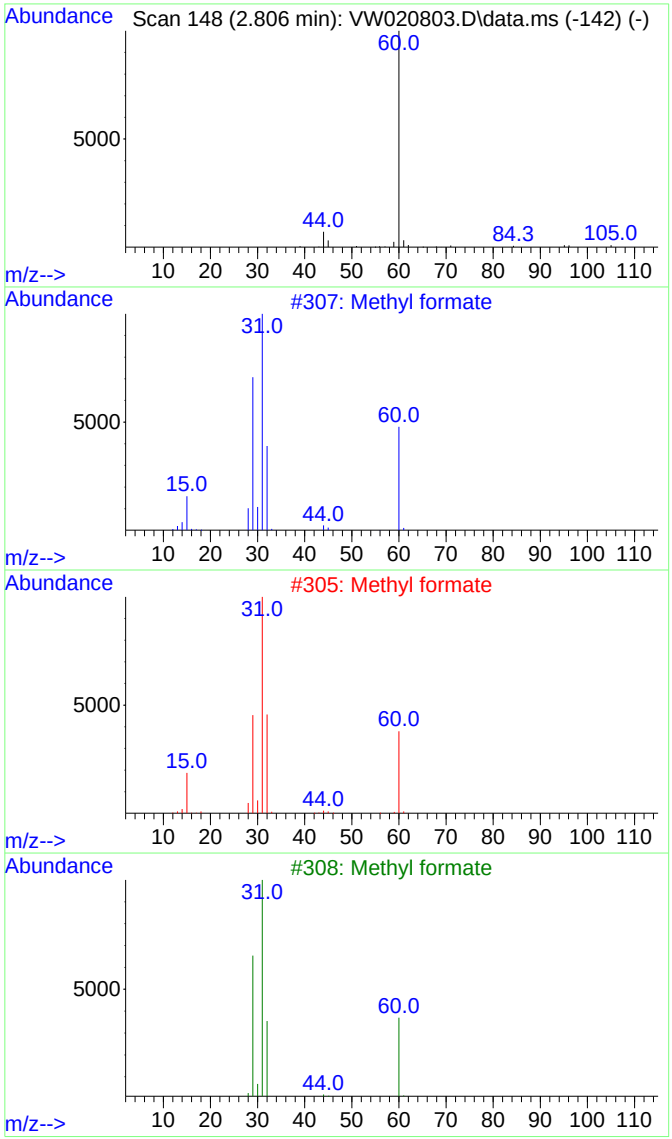
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

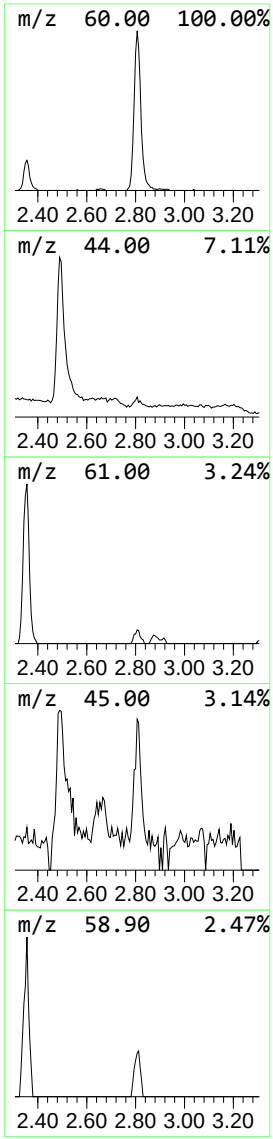
****

Peak Number 2 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.806	1.34 ug/L	20427	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl formate	60	C2H4O2	000107-31-3	7
2	Methyl formate	60	C2H4O2	000107-31-3	7
3	Methyl formate	60	C2H4O2	000107-31-3	5
4	Carbonyl sulfide	60	COS	000463-58-1	5
5	Urea	60	CH4N2O	000057-13-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
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Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

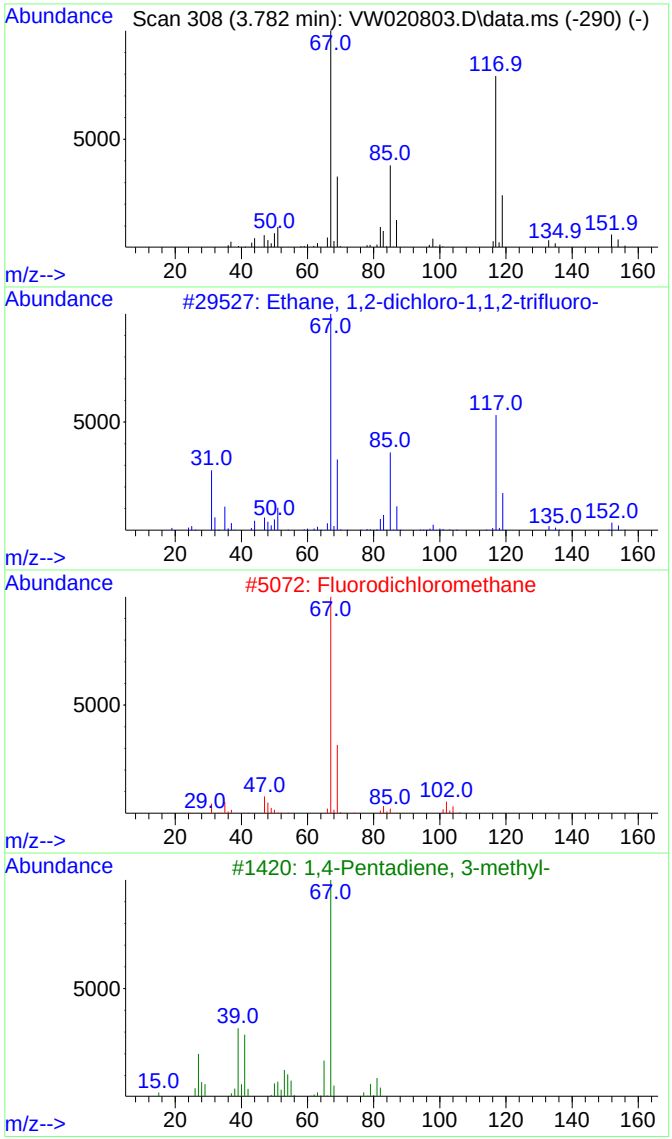
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

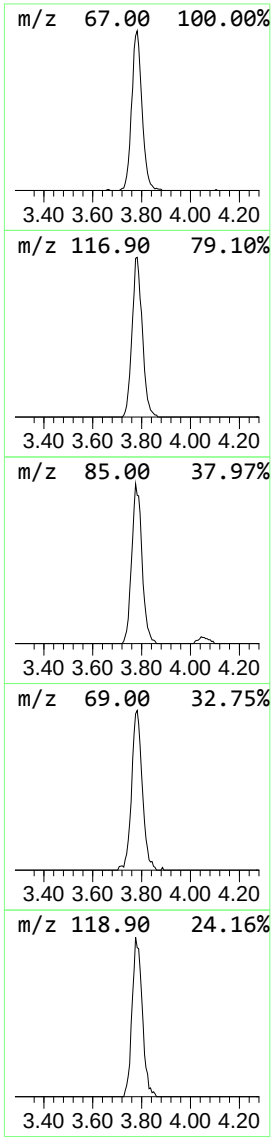
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.782	8.48 ug/L	129463	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	76
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	27
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	12
4	Benzene, (2-chlorocyclopropyl)-	152	C9H9Cl	1000327-31-4	12
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

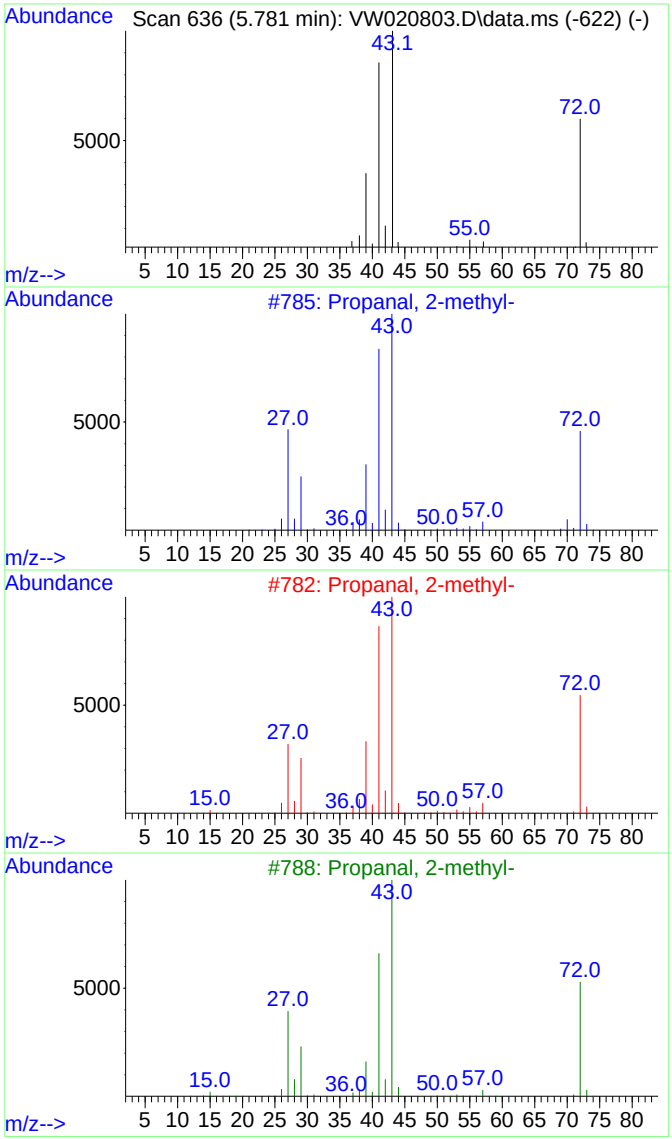
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

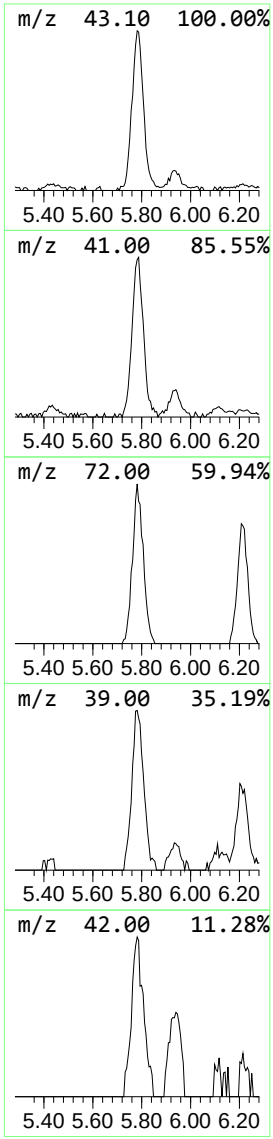
****

Peak Number 5 Propanal, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	2.52 ug/L	38442	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	59
5	Butanal	72	C4H8O	000123-72-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

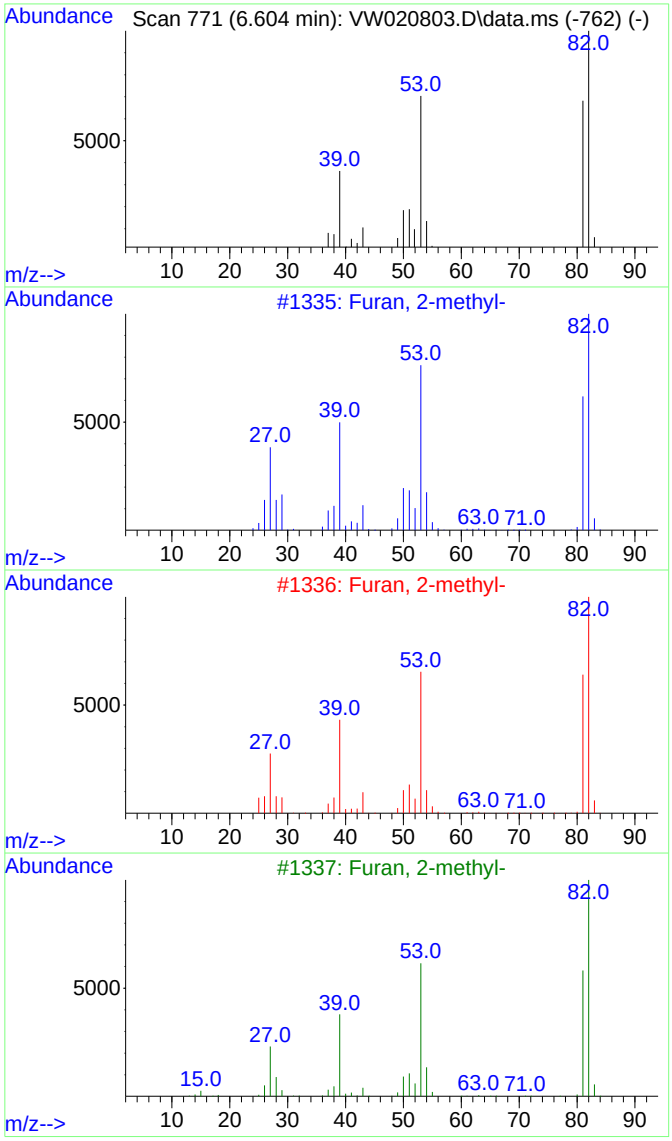
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

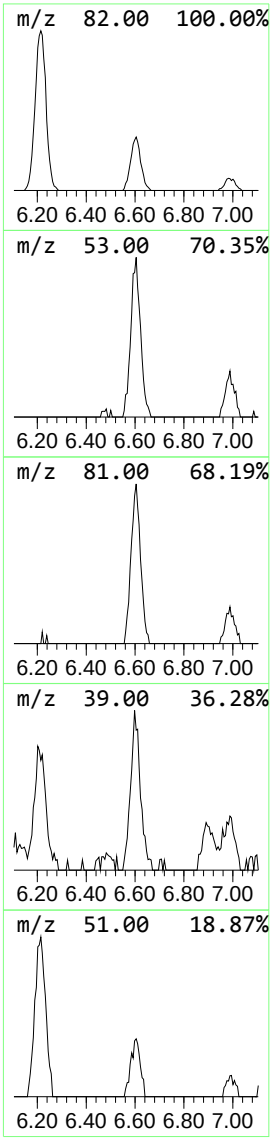
****

Peak Number 6 Furan, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.604	1.55 ug/L	23612	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-methyl-	82	C5H6O	000534-22-5	91
2	Furan, 2-methyl-	82	C5H6O	000534-22-5	91
3	Furan, 2-methyl-	82	C5H6O	000534-22-5	90
4	Furan, 3-methyl-	82	C5H6O	000930-27-8	90
5	Furan, 2-methyl-	82	C5H6O	000534-22-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

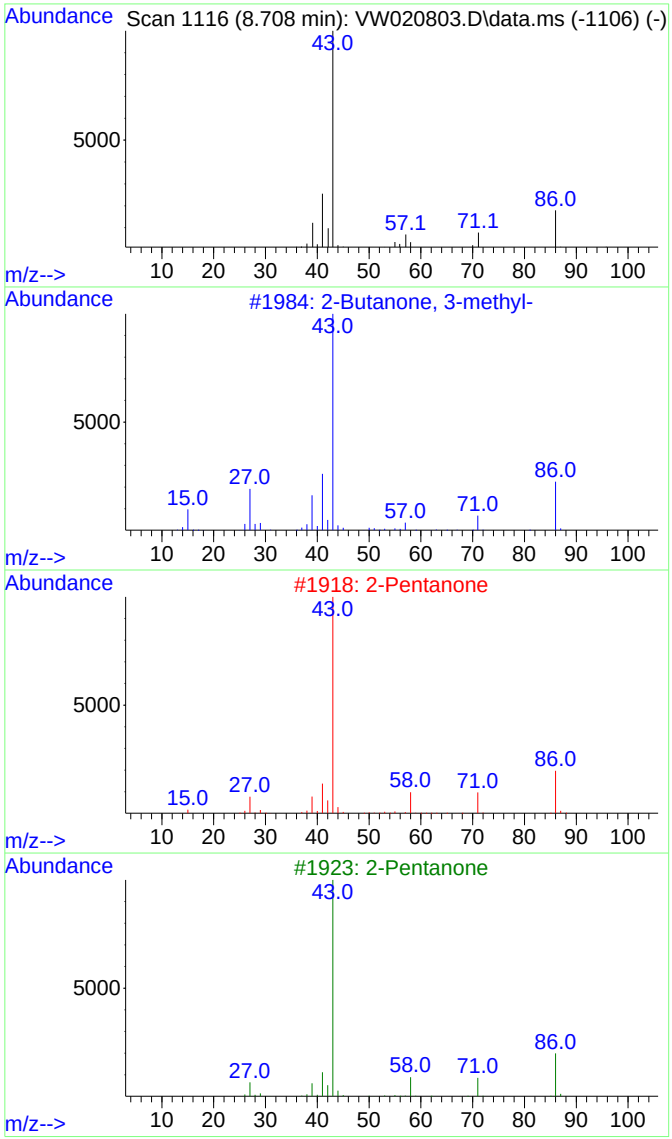
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

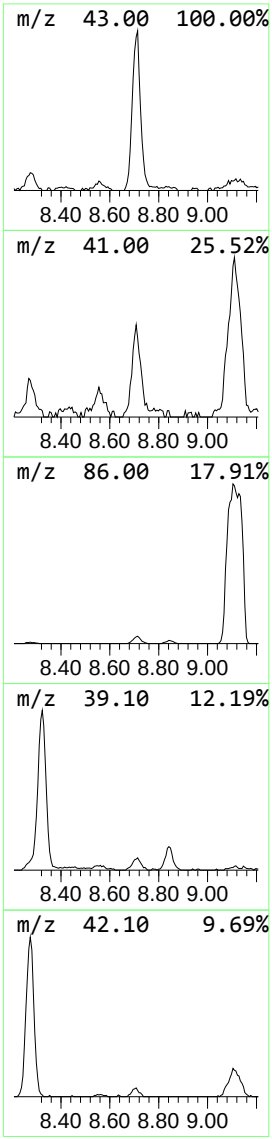
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Butanone, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.708	1.52 ug/L	23281	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	58
2	2-Pentanone	86	C5H10O	000107-87-9	53
3	2-Pentanone	86	C5H10O	000107-87-9	42
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	38
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	37





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Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

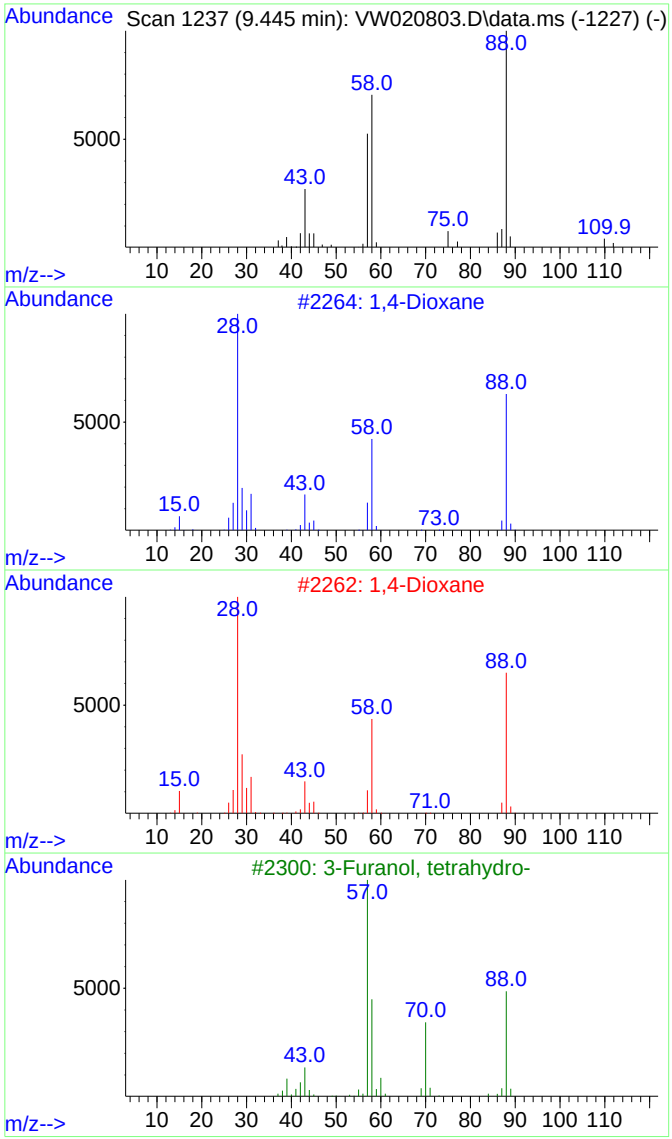
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

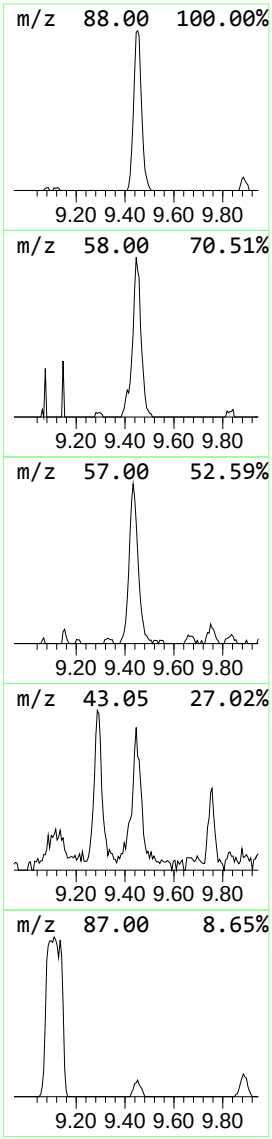
****

Peak Number 8 1,4-Dioxane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	2.48 ug/L	37887	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	80
2	1,4-Dioxane	88	C4H8O2	000123-91-1	80
3	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	72
4	1,4-Dioxane	88	C4H8O2	000123-91-1	72
5	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	56





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Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

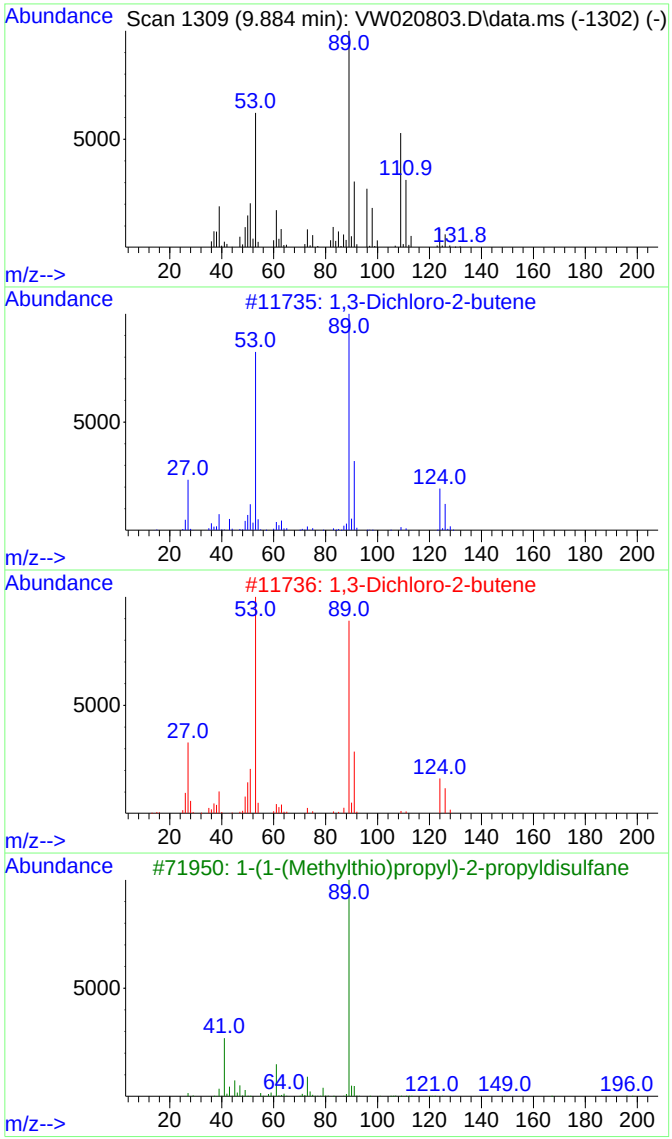
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

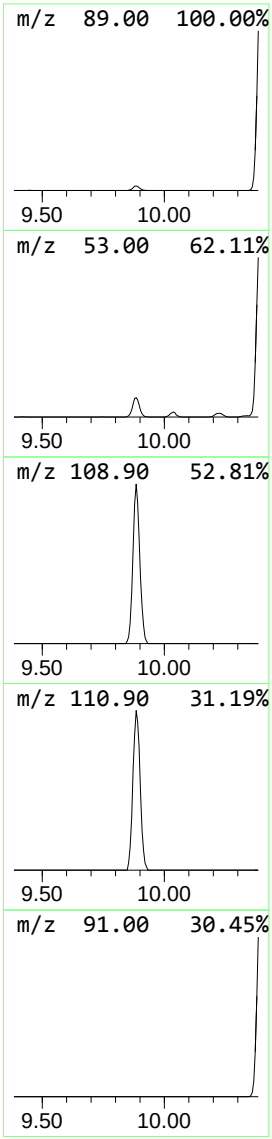
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Dichloro-2-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.884	6.84 ug/L	104521	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	64
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	64
3	1-(1-(Methylthio)propyl)-2-propy...	196	C7H16S3	126876-22-0	43
4	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	37
5	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

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

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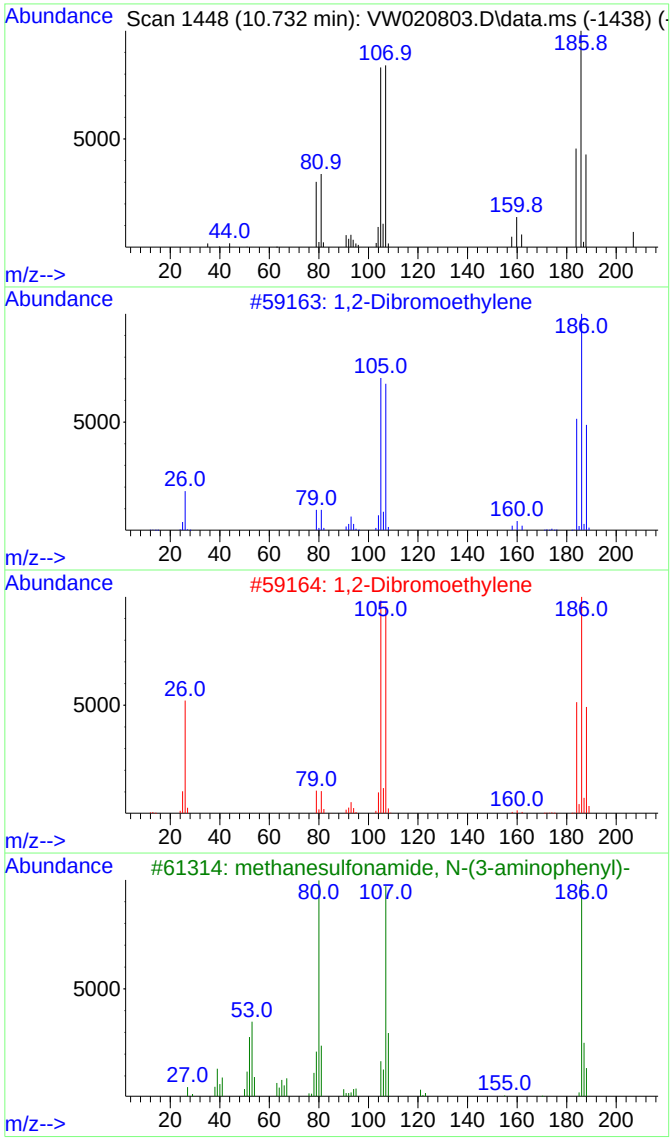
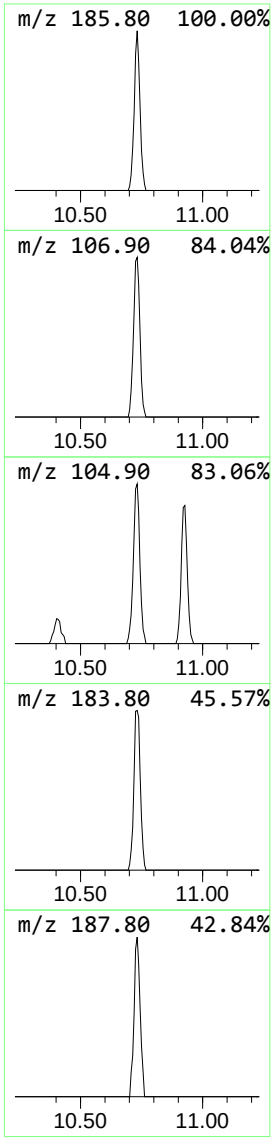
Peak Number 11 1,2-Dibromoethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.732	2.95 ug/L	43996	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dibromoethylene	184	C2H2Br2	000540-49-8	90
2	1,2-Dibromoethylene	184	C2H2Br2	000540-49-8	90
3	methanesulfonamide, N-(3-aminoph...	186	C7H10N2O2S	1000400-12-4	47
4	1,2-Dibromoethylene	184	C2H2Br2	000540-49-8	32
5	Spiro(benzofuran-2(3H),1'-cycloh...	188	C13H16O	000182-50-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

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

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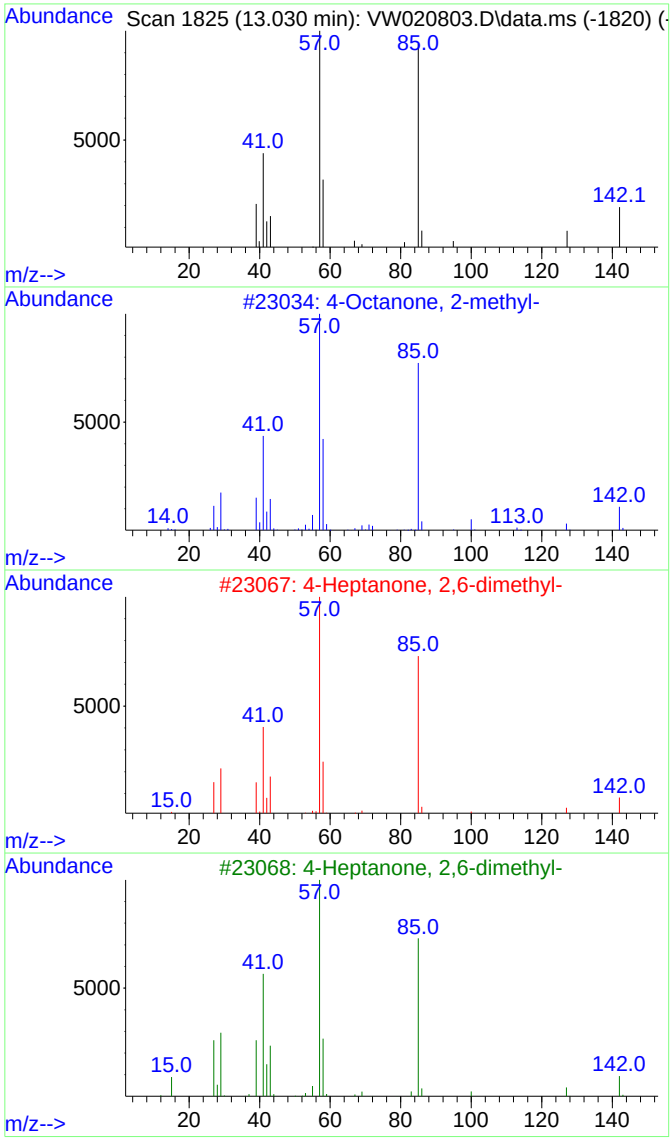
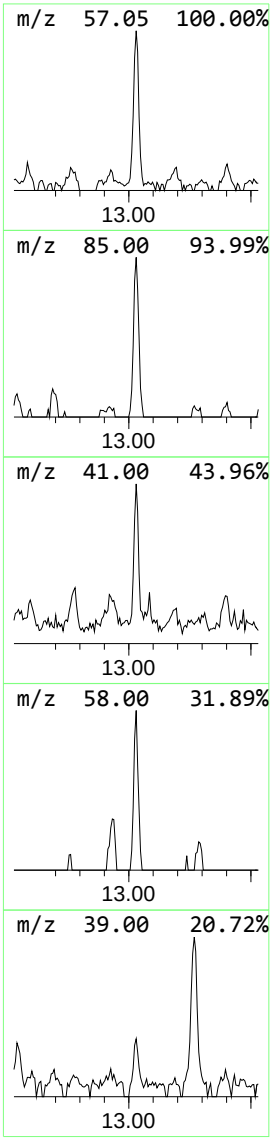
Peak Number 13 4-Octanone, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.030	1.34 ug/L	9434	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	83
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	83
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	50





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Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

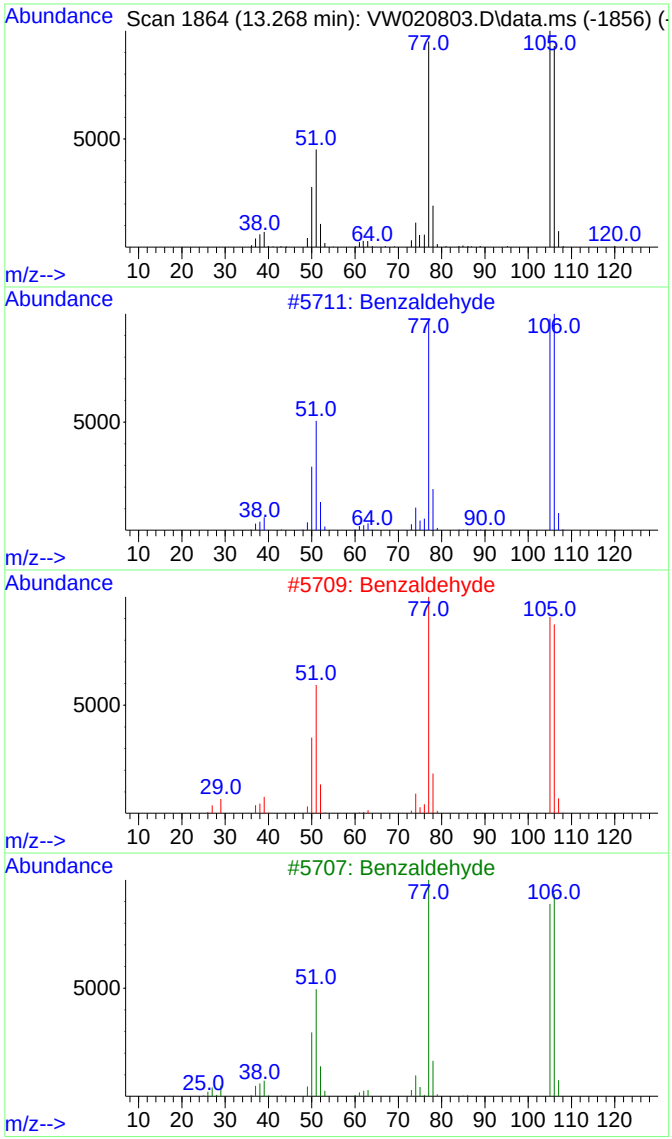
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

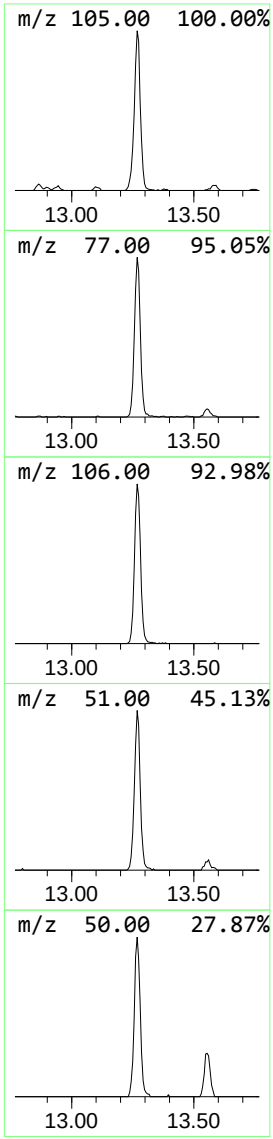
****

Peak Number 14 Benzaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	16.90 ug/L	118585	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde	106	C7H6O	000100-52-7	97
2	Benzaldehyde	106	C7H6O	000100-52-7	97
3	Benzaldehyde	106	C7H6O	000100-52-7	96
4	Benzaldehyde	106	C7H6O	000100-52-7	94
5	Benzaldehyde	106	C7H6O	000100-52-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

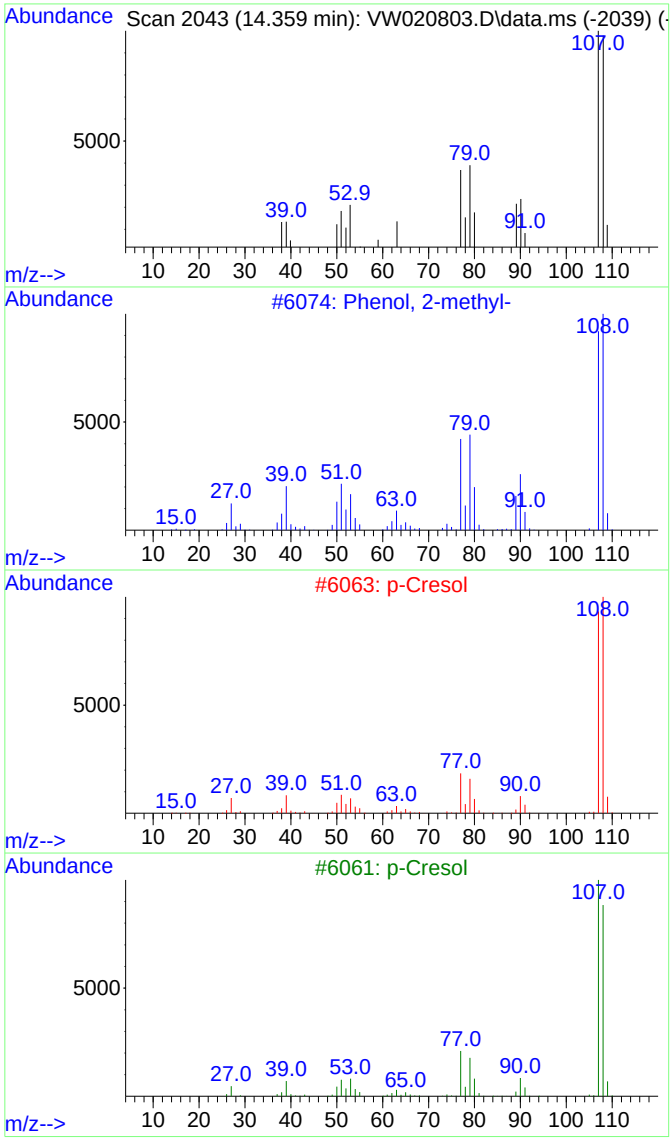
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

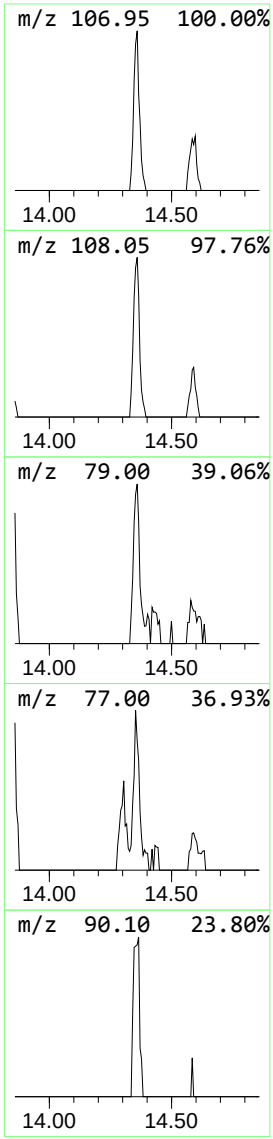
****

Peak Number 16 Phenol, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	1.34 ug/L	9381	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	96
2	p-Cresol	108	C7H8O	000106-44-5	93
3	p-Cresol	108	C7H8O	000106-44-5	93
4	Phenol, 3-methyl-	108	C7H8O	000108-39-4	90
5	Phenol, 2-methyl-	108	C7H8O	000095-48-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020803.D
Acq On : 08 Nov 2021 12:06
Operator : SY/VA
Sample : M4464-04
Misc : 5.96g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.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	2.489	3.2	ug/L	49253	1	8.842	381893	25.0
unknown-02	2.806	1.3	ug/L	20427	1	8.842	381893	25.0
Ethane, 1,2-dic...	3.782	8.5	ug/L	129463	1	8.842	381893	25.0
Propanal, 2-met...	5.781	2.5	ug/L	38442	1	8.842	381893	25.0
Furan, 2-methyl-	6.604	1.6	ug/L	23612	1	8.842	381893	25.0
2-Butanone, 3-m...	8.708	1.5	ug/L	23281	1	8.842	381893	25.0
1,4-Dioxane	9.445	2.5	ug/L	37887	1	8.842	381893	25.0
1,3-Dichloro-2-...	9.884	6.8	ug/L	104521	1	8.842	381893	25.0
1,2-Dibromoethy...	10.732	3.0	ug/L	43996	2	11.628	373297	25.0
4-Octanone, 2-m...	13.030	1.3	ug/L	9434	3	13.560	175420	25.0
Benzaldehyde	13.268	16.9	ug/L	118585	3	13.560	175420	25.0
Phenol, 2-methyl-	14.359	1.3	ug/L	9381	3	13.560	175420	25.0