LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

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\SOM2WLM091520S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.166	39	43	44	rBV2	1408	1633	0.01%	0.002%
2	2.202	44	49	51	rBV5	1442	2619	0.01%	0.004%
3	2.367	68	76	87	rBV	132864	280605	1.31%	0.396%
4	2.501	95	98	104	rBV3	2028	3336	0.02%	0.005%
5	2.654	121	123	128	rBV4	2347	3958	0.02%	0.006%
6	2.904	156	164	184	rVB	91438	260590	1.22%	0.367%
7	4.038	337	350	391	rVB3	293861	1148277	5.37%	1.619%
8	4.397	402	409	411	rBV	3199	6303	0.03%	0.009%
9	4.970	479	503	526	rBV2	199410	951641	4.45%	1.342%
10	5.452	566	582	601	rBV	383441	1386368	6.48%	1.954%
11	5.757	626	632	633	rBV3	3818	5200	0.02%	0.007%
12	5.952	650	664	681	rBV	911767	2696687	12.61%	3.802%
13	6.116	683	691	699	rBV3	5384	15452	0.07%	0.022%
14	6.226	699	709	717	rBV	50787	160689	0.75%	0.227%
15	6.299	717	721	732	rVB2	16123	42496	0.20%	0.060%
16	6.440	734	744	753	rBV4	11012	33752	0.16%	0.048%
17	6.574	753	766	772	rBV5	5524	21756	0.10%	0.031%
18	6.738	780	793	805	rBV4	32317	103624	0.48%	0.146%
19	6.885	809	817	823	rBV3	7277	21451	0.10%	0.030%
20	6.994	823	835	845	rVV	680280	2065549	9.66%	2.912%
21	7.080	845	849	855	rVV2	54222	149202	0.70%	0.210%
22	7.177	855	865	882	rVB	1231749	3265040	15.27%	4.603%
23	7.653	932	943	966	rBV	360674	957974	4.48%	1.351%
24	7.878	968	980	989	rBV	1324714	3352168	15.68%	4.726%
25	7.964	989	994	1013	rVB	92606	243677	1.14%	0.344%
26	8.159	1022	1026	1035	rVB6	1386	3155	0.01%	0.004%
27	8.281	1035	1046	1063	rBV2	707296	2063447	9.65%	2.909%
28	8.403	1064	1066	1070	rVV2	1183	1818	0.01%	0.003%
29	8.701	1108	1115	1122	rVB6	1357	3232	0.02%	0.005%
30	8.848	1129	1139	1152	rBV	733960	1429884	6.69%	2.016%
31	9.043	1166	1171	1172	rBV3	2302	2935	0.01%	0.004%
32	9.091	1174	1179	1190	rVB7	4436	11231	0.05%	0.016%
33	9.280	1200	1210	1227	rBV	460679	933365	4.36%	1.316%
34	9.671	1266	1274	1278	rBV3	2227	4110	0.02%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

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\SOM2WLM091520S.M
Title : VOC Analysis

35	9.768	1285	1290	1293	rBV5	815	1779	0.01%	0.003%
36	9.896	1304	1311	1315	rBV5	756	1833	0.01%	0.003%
37	10.036	1323	1334	1344	rBV	271520	491968	2.30%	0.694%
38	10.122	1347	1348	1358	rVB4	1775	3028	0.01%	0.004%
39	10.213	1358	1363	1369	rBV3	3692	6792	0.03%	0.010%
40	10.329	1374	1382	1386	rVV	1069503	1884663	8.81%	2.657%
41	10.390	1386	1392	1416	rVV	12099829	21383557	100.00%	30.146%
42	10.579	1416	1423	1434	rVV	160526	283962	1.33%	0.400%
43	10.707	1437	1444	1452	rVV	35481	63771	0.30%	0.090%
44	10.859	1467	1469	1473	rVV4	2141	2620	0.01%	0.004%
45	10.927	1473	1480	1496	rVV	191194	308058	1.44%	0.434%
46	11.067	1496	1503	1514	rVB2	25950	46034	0.22%	0.065%
47	11.183	1517	1522	1525	rVB5	1213	1900	0.01%	0.003%
48	11.445	1561	1565	1569	rVB3	3057	4101	0.02%	0.006%
49	11.634	1587	1596	1606	rBV	1004064	1702056	7.96%	2.399%
50	11.731	1606	1612	1621	rVB	277123	450033	2.10%	0.634%
51	11.835	1621	1629	1642	rBV	901321	1644886	7.69%	2.319%
52	12.170	1674	1684	1692	rBV	535715	896357	4.19%	1.264%
53	12.262	1692	1699	1706	rVB6	3501	7299	0.03%	0.010%
54	12.347	1706	1713	1716	rBV5	2272	4192	0.02%	0.006%
55	12.469	1726	1733	1741	rBV	66670	109286	0.51%	0.154%
56	12.536	1741	1744	1750	rBV5	1560	1730	0.01%	0.002%
57	12.609	1750	1756	1763	rVB	45275	72031	0.34%	0.102%
58	12.695	1763	1770	1777	rBV	330815	533640	2.50%	0.752%
59	12.804	1782	1788	1793	rBV	187040	292755	1.37%	0.413%
60	12.871	1793	1799	1802	rVV	834161	1374684	6.43%	1.938%
61	12.902	1802	1804	1807	rVV	347673	435696	2.04%	0.614%
62	12.944	1807	1811	1819	rVB	404176	622899	2.91%	0.878%
63	13.036	1819	1826	1832	rBV	5721145	8472264	39.62%	11.944%
64	13.103	1832	1837	1846	rVB	360217	596642	2.79%	0.841%
65	13.255	1854	1862	1877	rBV2	1284227	2529449	11.83%	3.566%
66	13.390	1878	1884	1890	rVB5	5198	11025	0.05%	0.016%
67	13.444	1890	1893	1896	rBV	7448	12382	0.06%	0.017%
68	13.560	1905	1912	1932	rVB2	1068069	2309324	10.80%	3.256%
69	13.725	1933	1939	1940	rBV2	15361	23422	0.11%	0.033%
70	13.761	1940	1945	1949	rBV2	140438	243786	1.14%	0.344%
71	13.853	1954	1960	1971	rVV	938167	1601024	7.49%	2.257%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

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\SOM2WLM091520S.M
Title : VOC Analysis

72	13.950	1971	1976	1981	rVB2	13078	21838	0.10%	0.031%
73	14.011	1981	1986	1989	rBV	32826	55121	0.26%	0.078%
74	14.042	1989	1991	1993	rVV	31407	41038	0.19%	0.058%
75	14.072	1993	1996	1998	rVV	47498	74630	0.35%	0.105%
76	14.097	1998	2000	2007	rVB	59022	76475	0.36%	0.108%
77	14.164	2007	2011	2012	rBV3	1663	1695	0.01%	0.002%
78	14.206	2012	2018	2024	rVB4	13972	22933	0.11%	0.032%
79	14.334	2031	2039	2045	rBV3	32864	60345	0.28%	0.085%
80	14.420	2045	2053	2056	rVV	36613	56800	0.27%	0.080%
81	14.456	2056	2059	2064	rVV	53899	81866	0.38%	0.115%
82	14.505	2064	2067	2071	rVV4	3235	4630	0.02%	0.007%
83	14.542	2071	2073	2083	rVB7	3155	4604	0.02%	0.006%
84	14.645	2085	2090	2093	rBV5	1064	1885	0.01%	0.003%
85	14.688	2093	2097	2101	rBV	17840	28269	0.13%	0.040%
86	14.731	2101	2104	2108	rVB4	4655	7485	0.04%	0.011%
87	14.798	2109	2115	2122	rBV2	37569	89841	0.42%	0.127%
88	14.859	2122	2125	2132	rVB4	3107	5716	0.03%	0.008%
89	14.962	2138	2142	2150	rVB8	4669	8748	0.04%	0.012%
90	15.066	2153	2159	2166	rBV3	5136	12568	0.06%	0.018%
91	15.182	2173	2178	2183	rVB5	5841	10310	0.05%	0.015%
92	15.371	2202	2209	2215	rVV	72989	134141	0.63%	0.189%
93	15.438	2215	2220	2225	rVV	26136	43283	0.20%	0.061%
94	15.493	2225	2229	2235	rVV2	4344	9167	0.04%	0.013%
95	15.560	2238	2240	2244	rVB4	1847	1953	0.01%	0.003%
96	15.688	2259	2261	2266	rVB7	1314	1950	0.01%	0.003%
97	15.773	2270	2275	2278	rBV6	2285	4467	0.02%	0.006%
98	15.804	2278	2280	2283	rVV4	1997	2672	0.01%	0.004%
99	15.852	2286	2288	2293	rVB5	2346	2708	0.01%	0.004%
100	16.450	2382	2386	2389	rVV6	1630	2639	0.01%	0.004%

Sum of corrected areas: 70933929

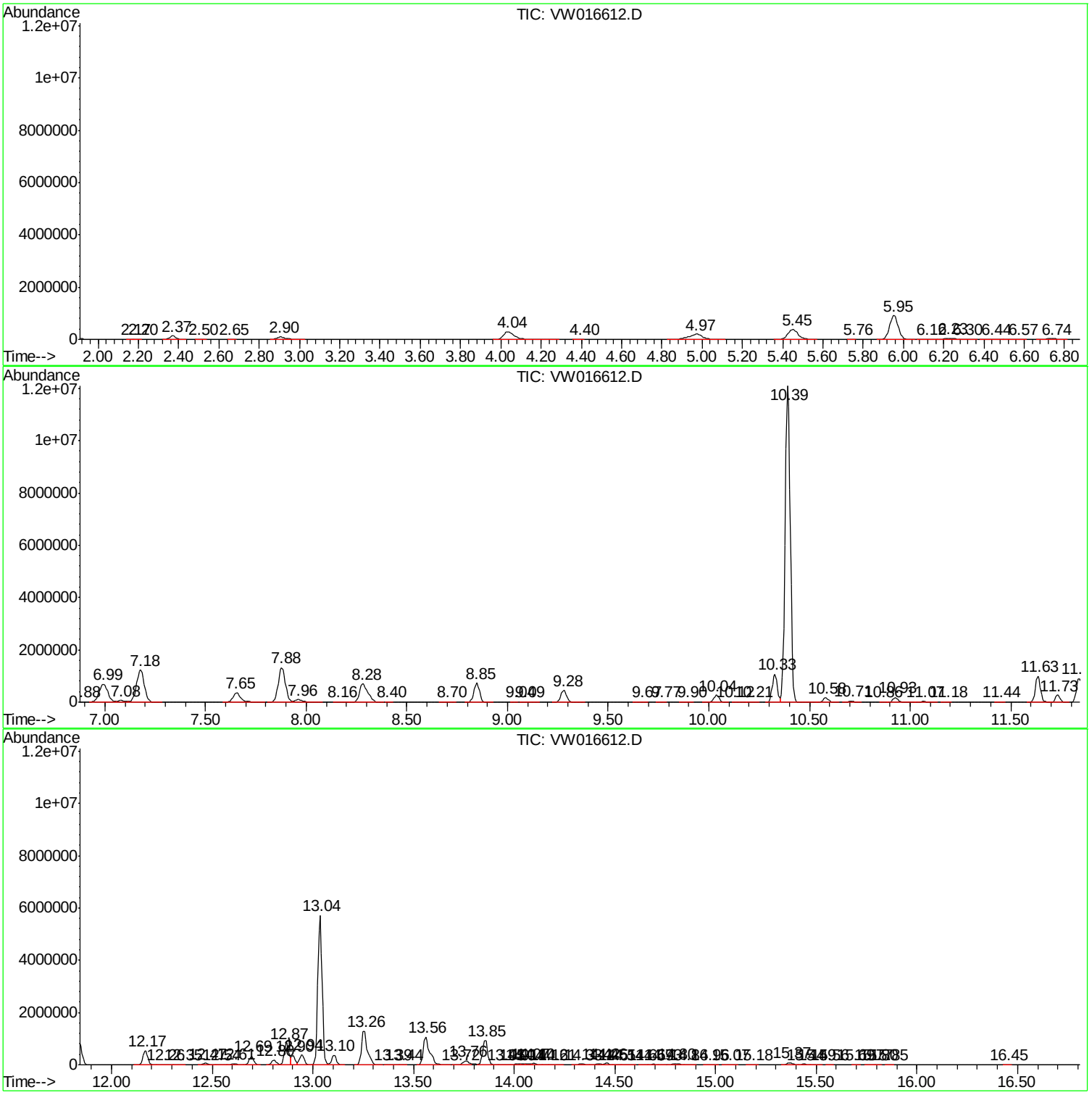
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

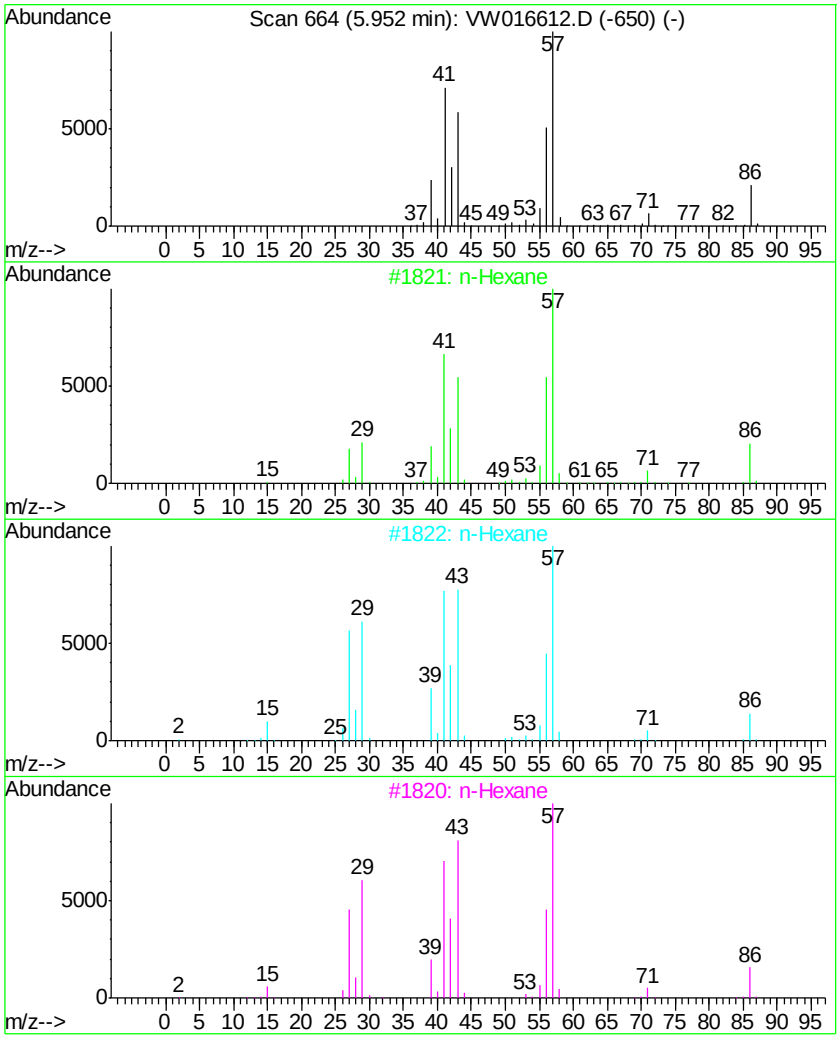
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

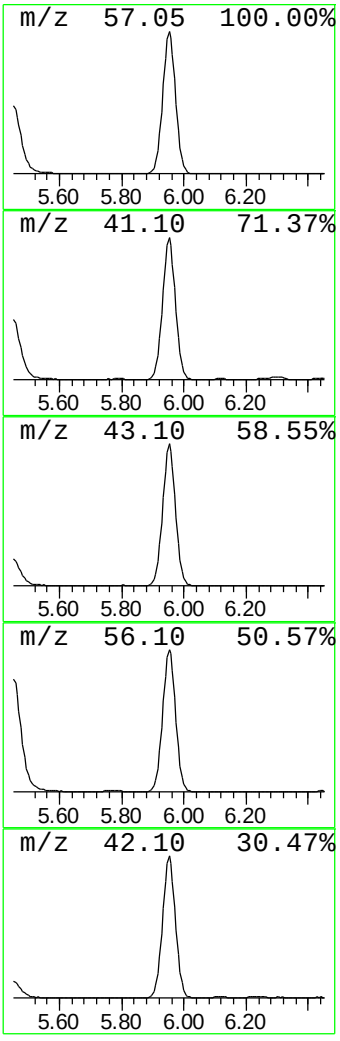
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	47.15 ug/L	2696690	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

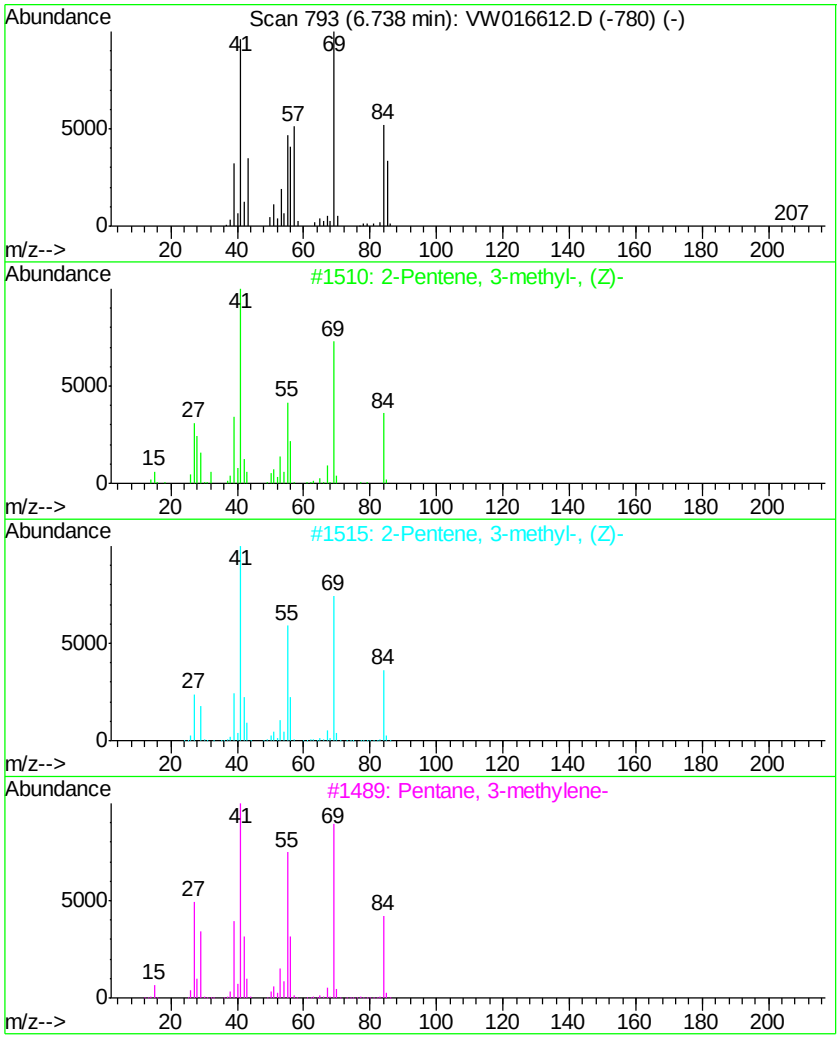
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

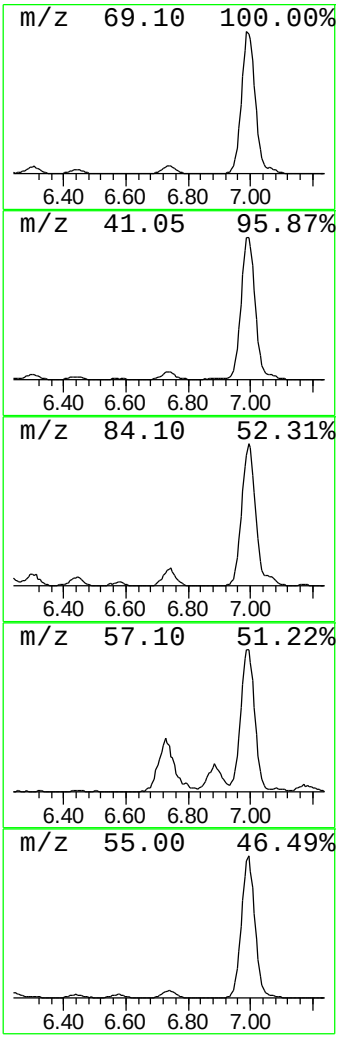
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	1.81 ug/L	103624	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	81
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	64
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	64
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	64
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

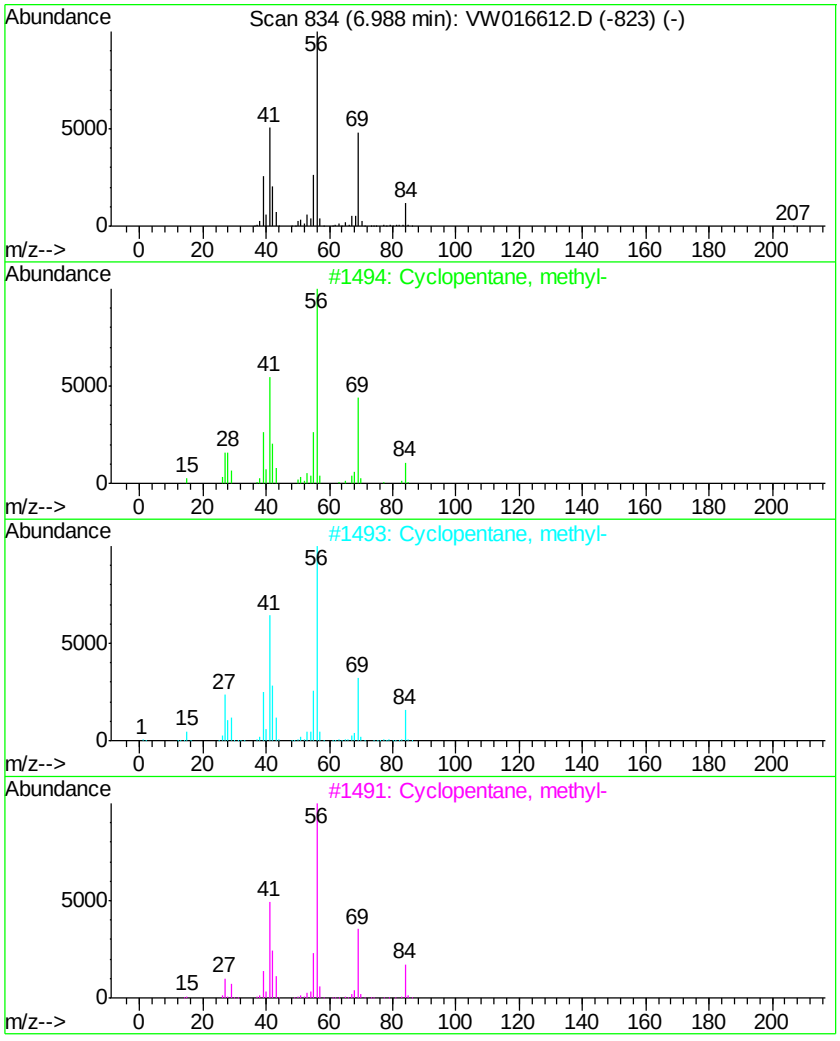
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

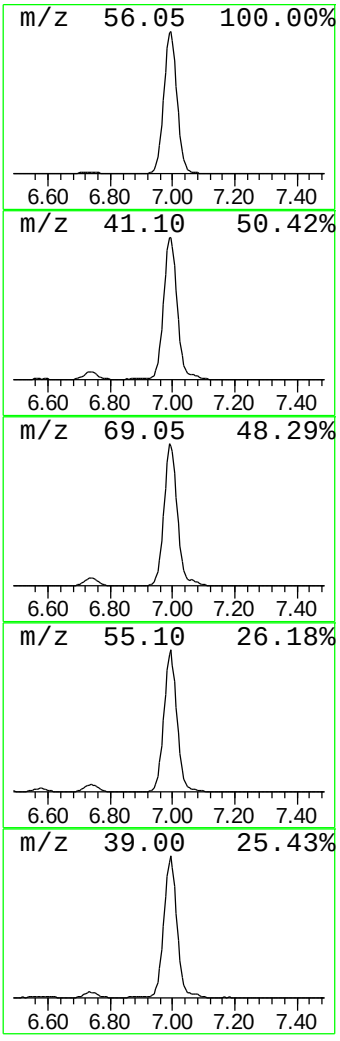
****

Peak Number 3 (DEL) Alkane: Cyclic6.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	36.11 ug/L	2065550	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

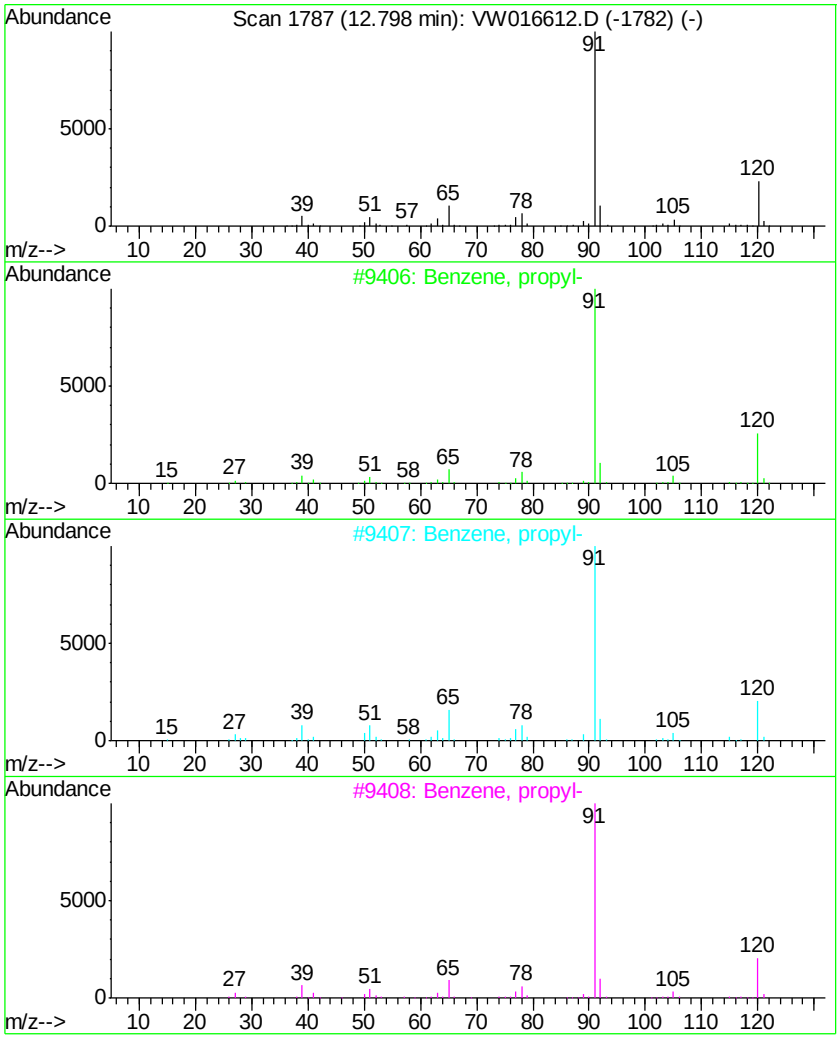
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

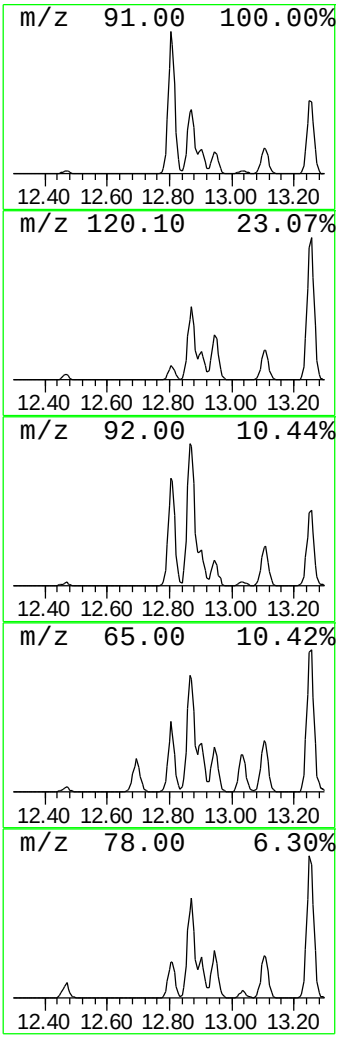
****

Peak Number 5 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.17 ug/L	292755	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

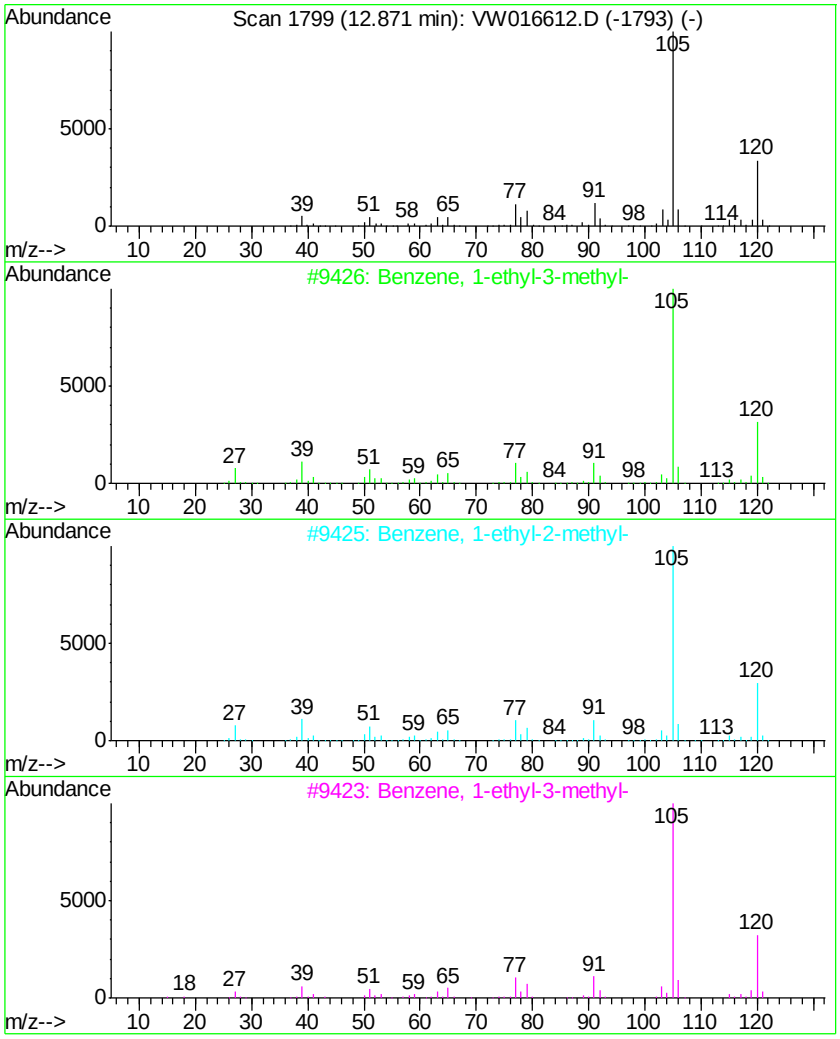
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

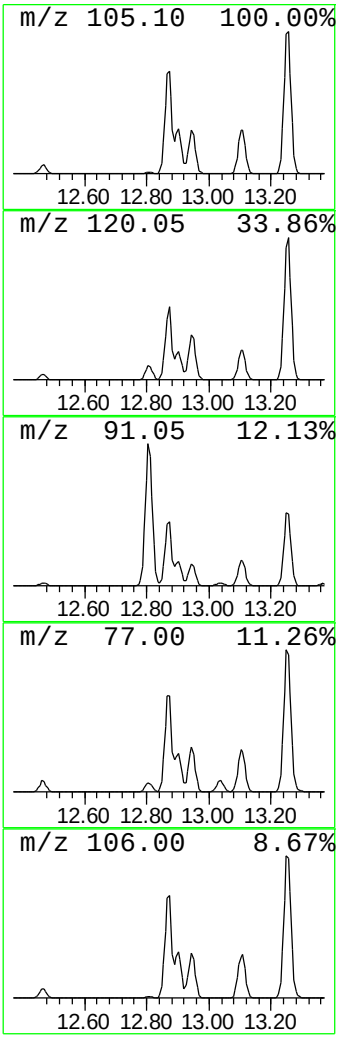
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	14.88 ug/L	1374680	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

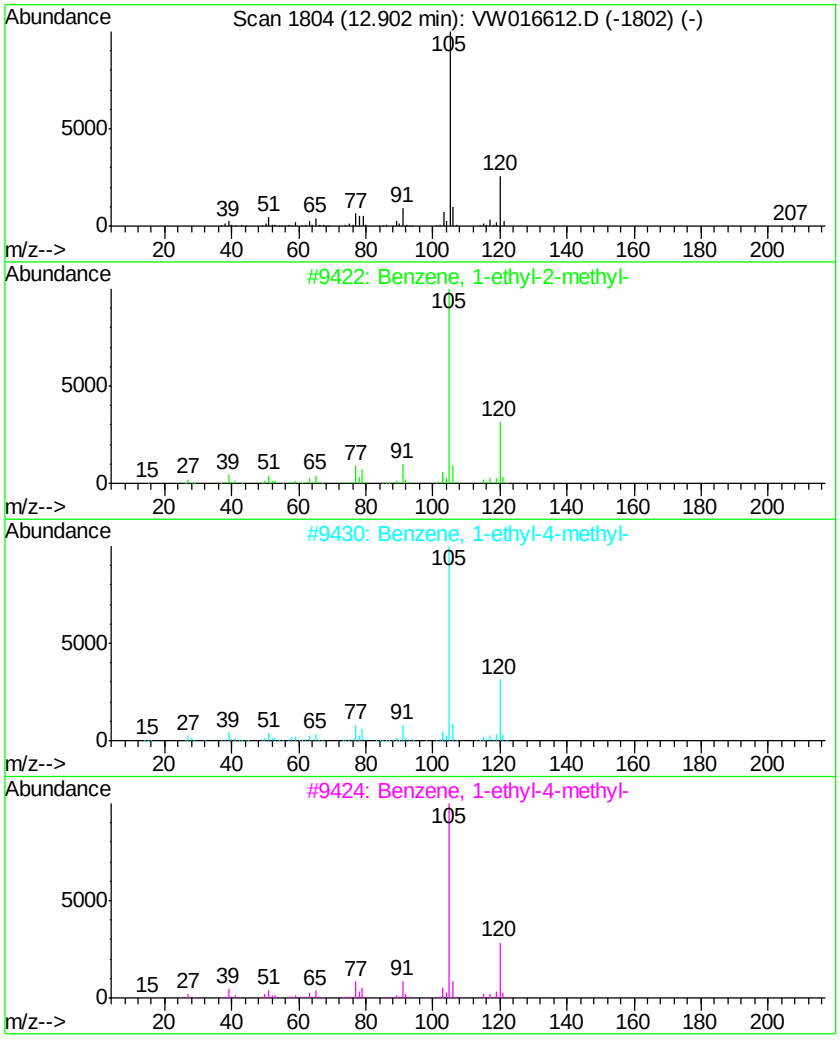
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

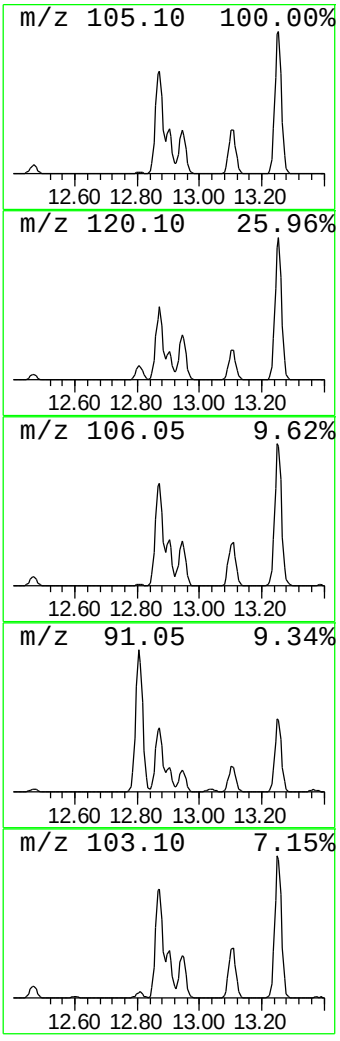
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.72 ug/L	435696	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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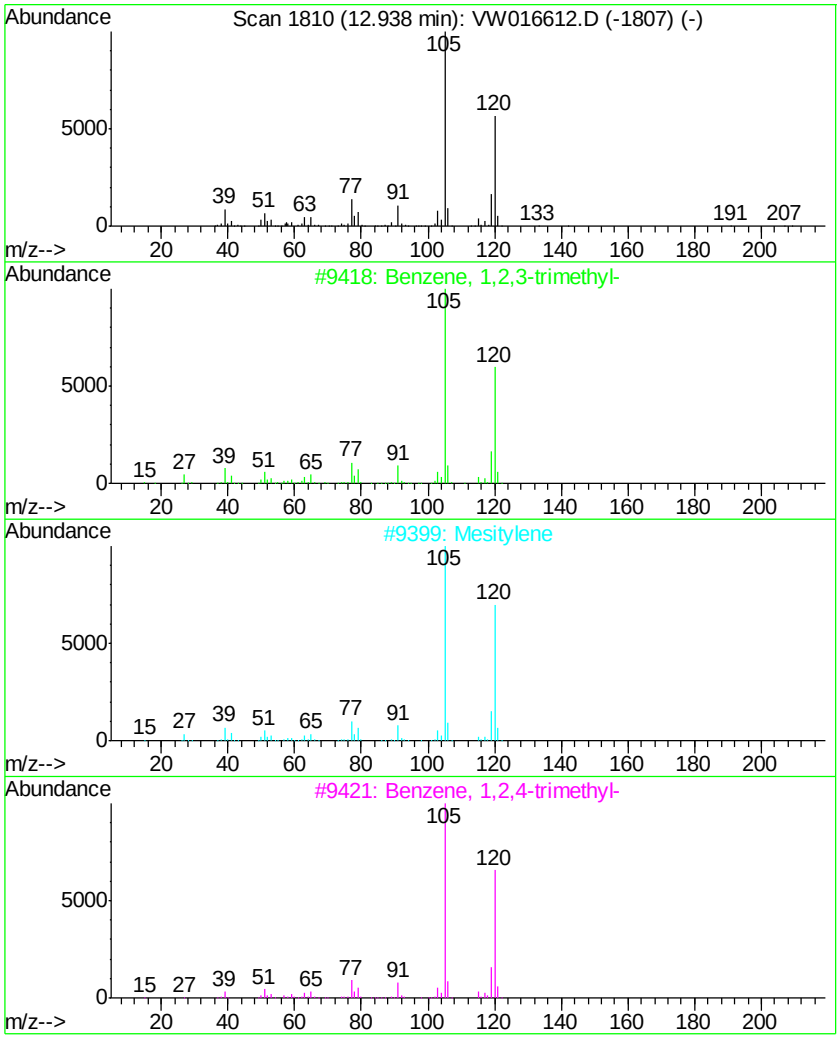
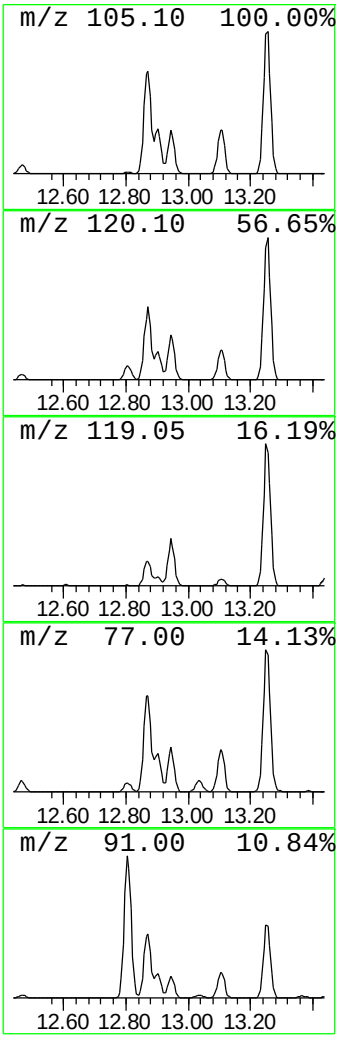
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	6.74 ug/L	622899	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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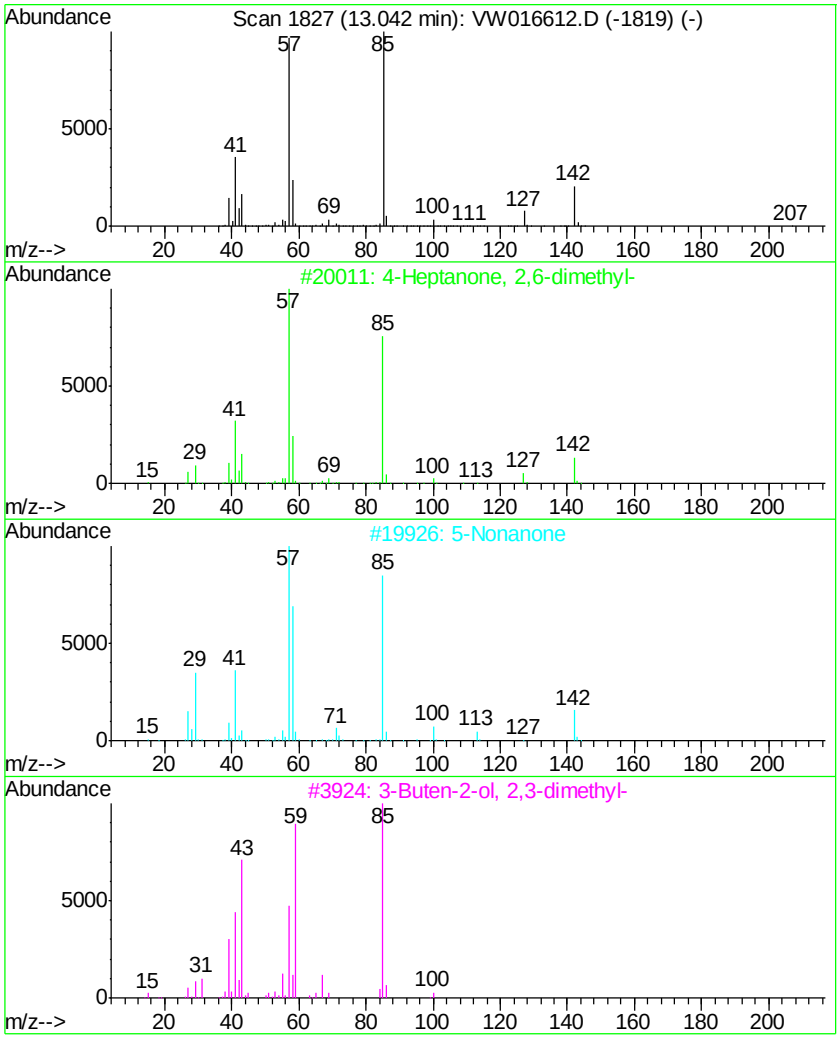
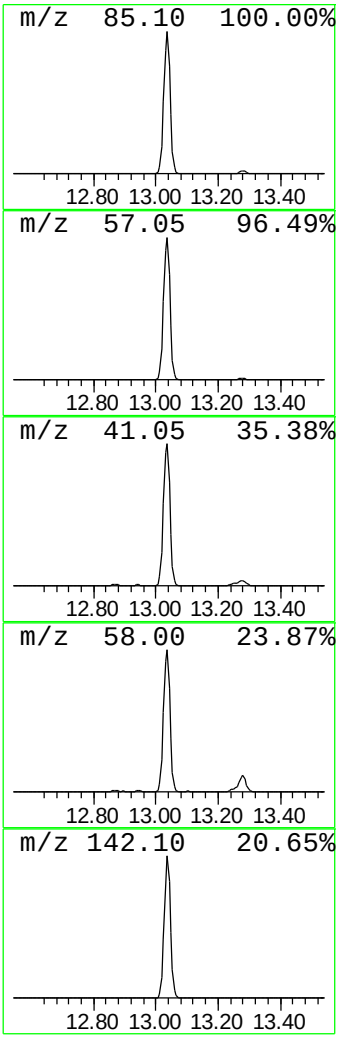
Peak Number 9 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	91.72 ug/L	8472260	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	5-Nonanone	142	C9H18O	000502-56-7	59
3	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	59
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	56
5	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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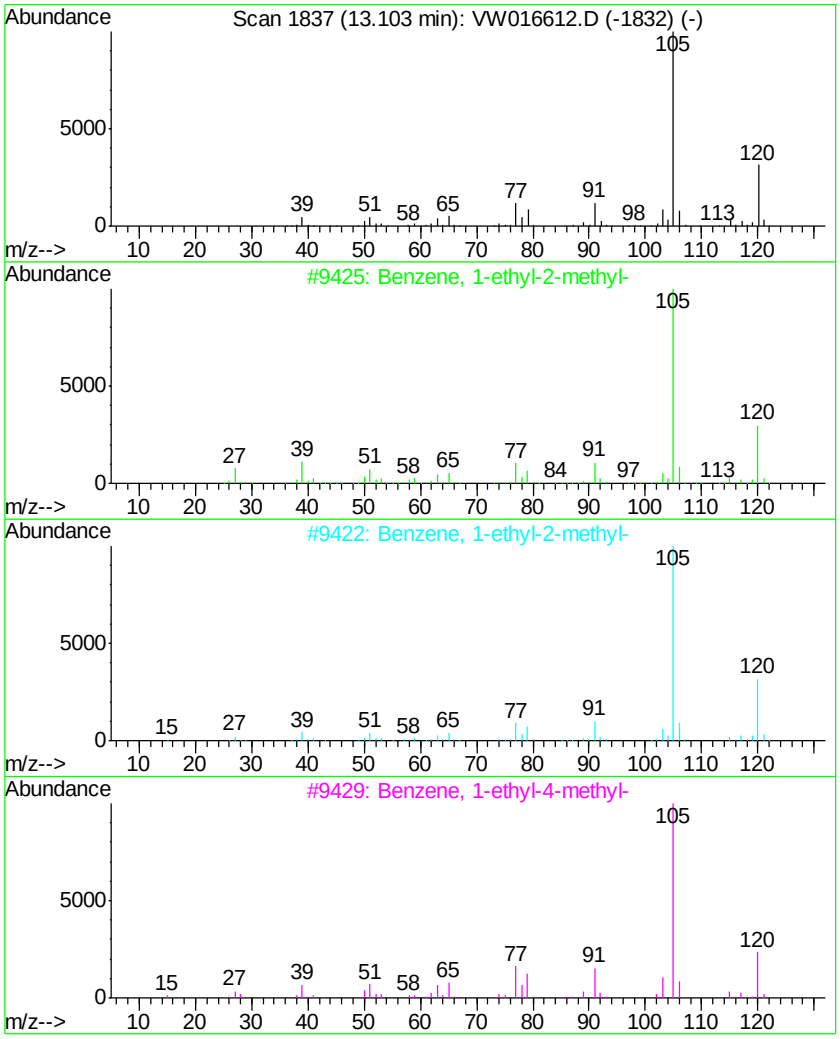
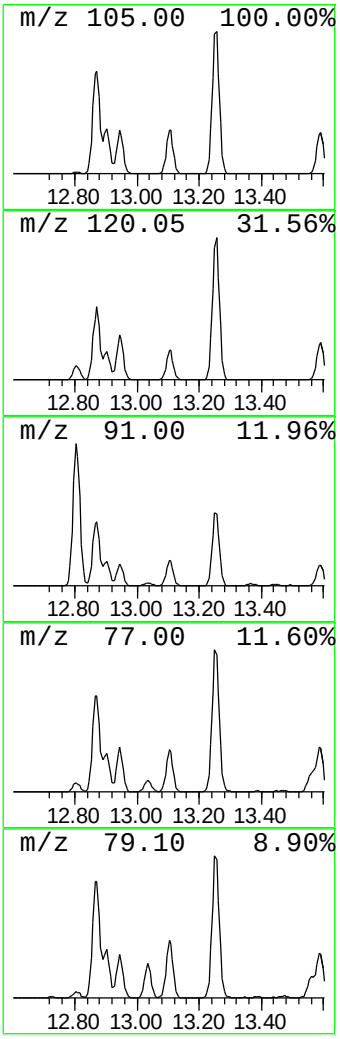
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.46 ug/L	596642	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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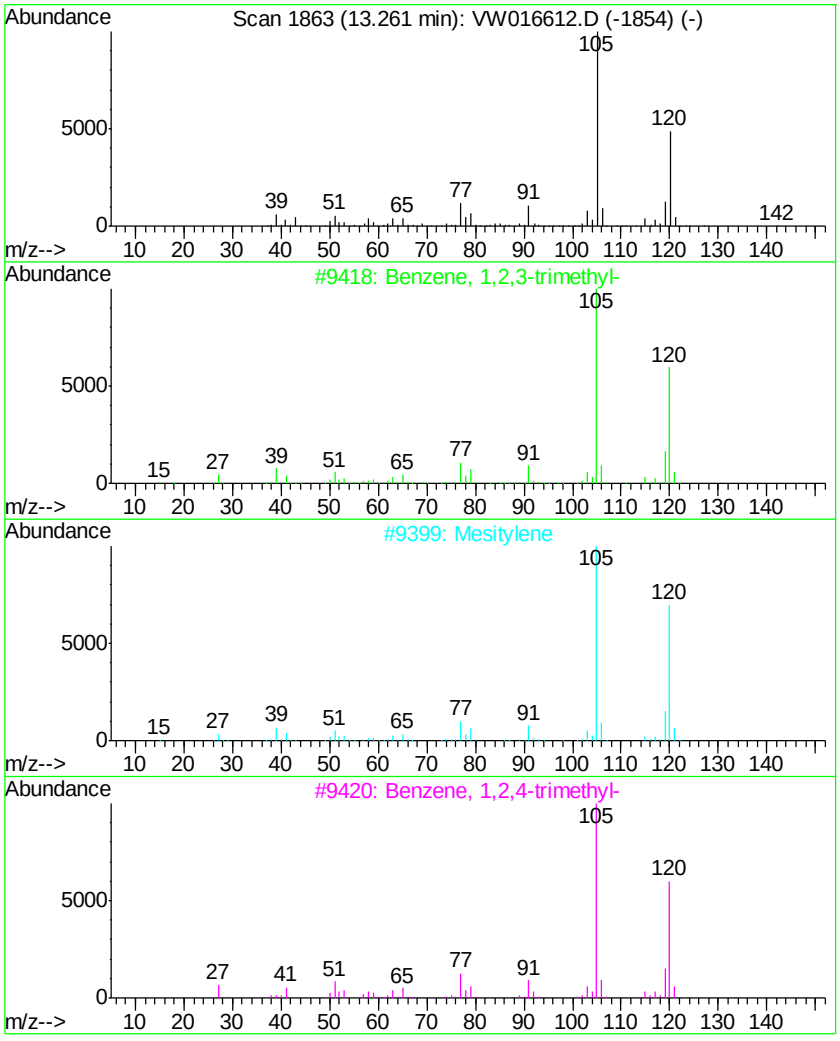
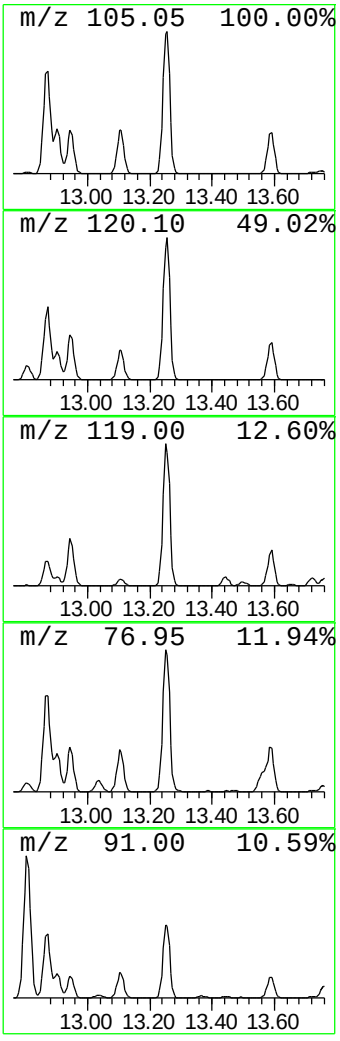
Peak Number 11 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	27.38 ug/L	2529450	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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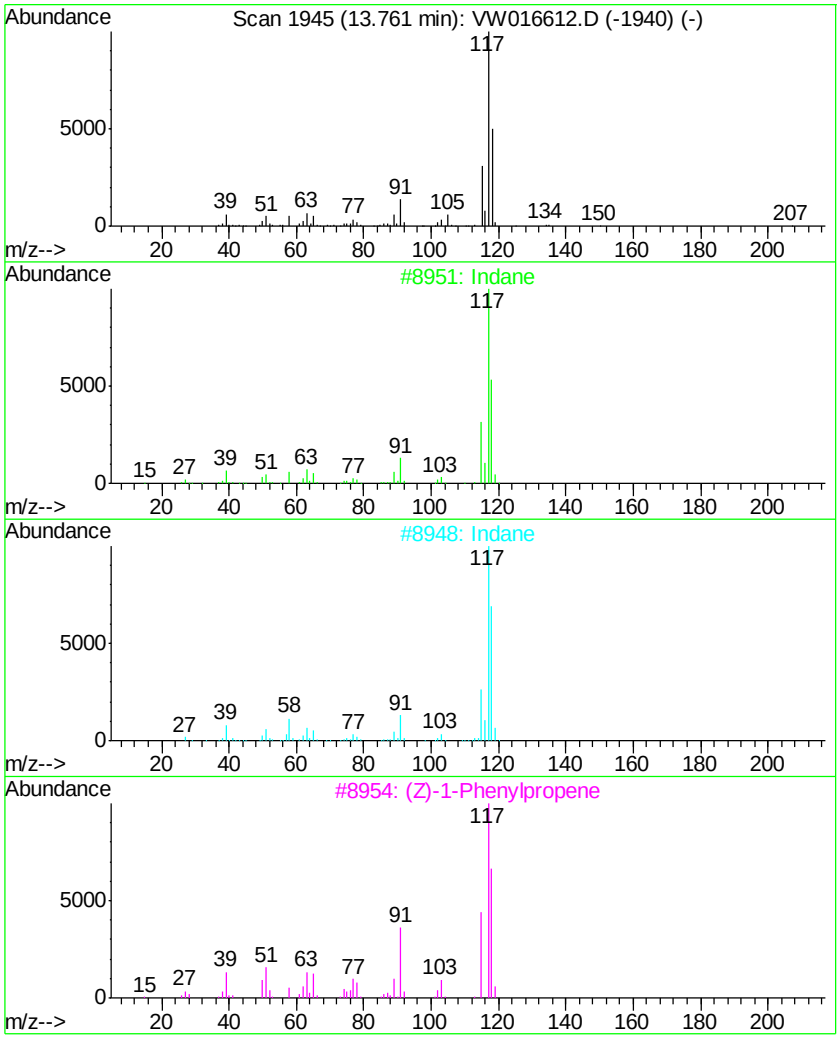
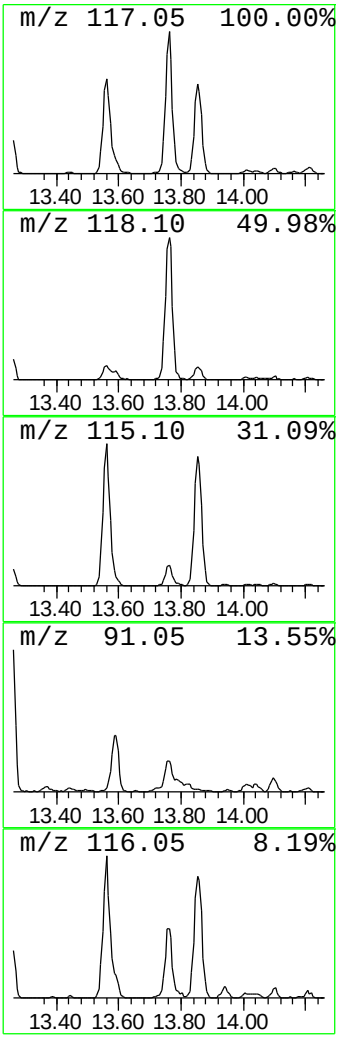
Peak Number 12 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.64 ug/L	243786	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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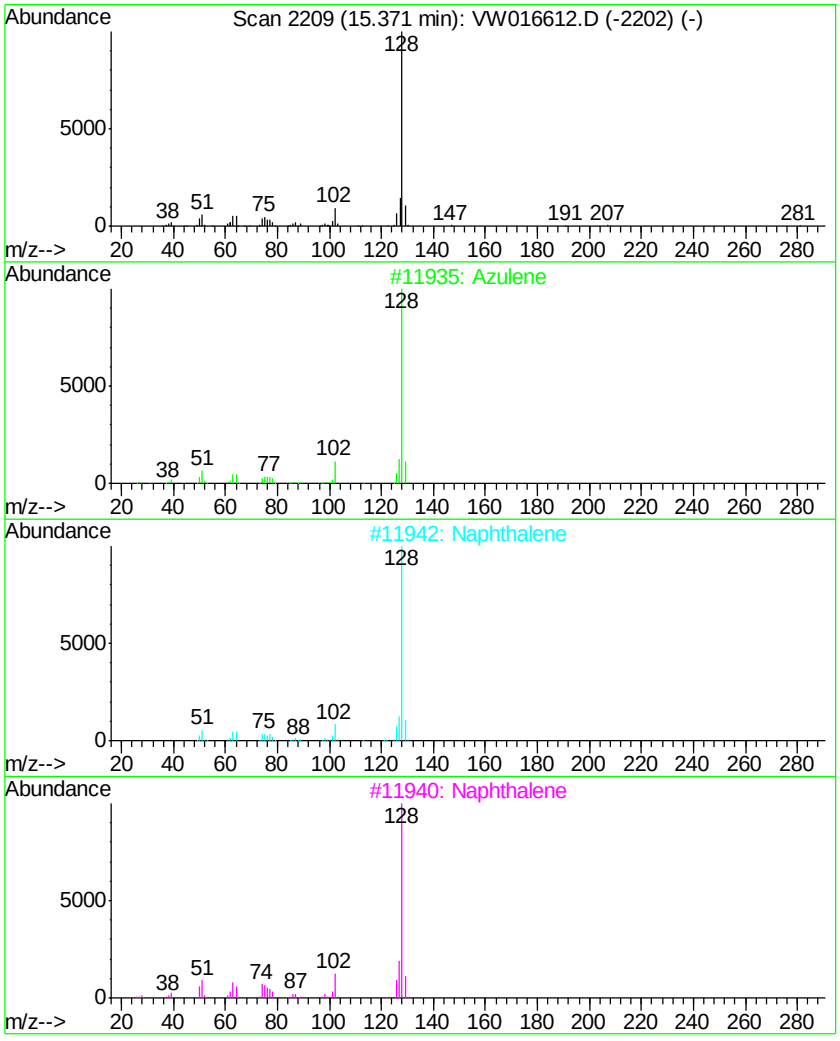
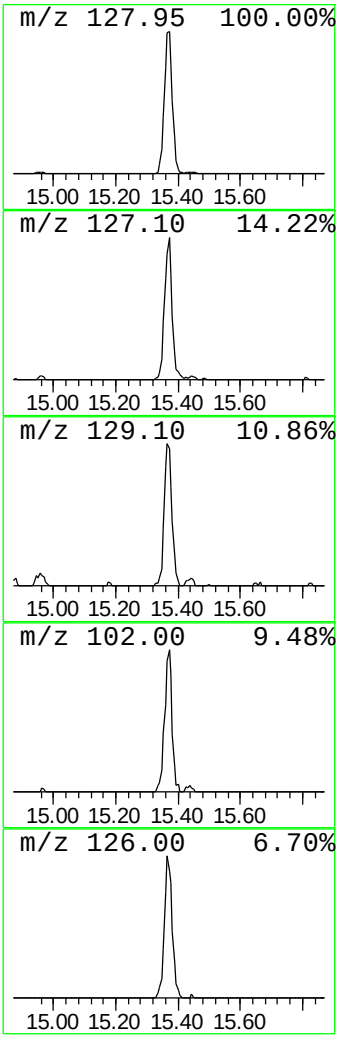
Peak Number 13 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	1.45 ug/L	134141	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	94
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016612.D
Acq On : 22 Sep 2020 15:54
Operator : SY/VA
Sample : L4109-03
Misc : 6.28G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	5.95	47.1	ug/L	2696690	1	8.85	1429880	25.0
(DEL) Alkane: Str...	6.74	1.8	ug/L	103624	1	8.85	1429880	25.0
(DEL) Alkane: Cyc...	6.99	36.1	ug/L	2065550	1	8.85	1429880	25.0
Benzene, propyl-	12.80	3.2	ug/L	292755	3	13.56	2309320	25.0
Benzene, 1-ethyl-...	12.87	14.9	ug/L	1374680	3	13.56	2309320	25.0
Benzene, 1-ethyl-...	12.90	4.7	ug/L	435696	3	13.56	2309320	25.0
Benzene, 1,2,3-tr...	12.94	6.7	ug/L	622899	3	13.56	2309320	25.0
4-Heptanone, 2,6-...	13.04	91.7	ug/L	8472260	3	13.56	2309320	25.0
Benzene, 1-ethyl-...	13.10	6.5	ug/L	596642	3	13.56	2309320	25.0
Mesitylene	13.26	27.4	ug/L	2529450	3	13.56	2309320	25.0
Indane	13.76	2.6	ug/L	243786	3	13.56	2309320	25.0
Azulene	15.37	1.5	ug/L	134141	3	13.56	2309320	25.0