LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

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\SOM2WLM062018S.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	1.752	18	27	28	rBV	8088	14852	0.63%	0.047%
2	1.807	28	36	57	rVB	1046077	2340122	100.00%	7.378%
3	2.002	64	68	78	rBV	16153	35904	1.53%	0.113%
4	2.148	90	92	98	rBV5	1243	1193	0.05%	0.004%
5	2.355	119	126	139	rVB2	167162	329589	14.08%	1.039%
6	2.892	206	214	216	rBV2	87167	180721	7.72%	0.570%
7	3.812	356	365	379	rVB2	42700	118541	5.07%	0.374%
8	4.014	385	398	410	rBV4	224021	821199	35.09%	2.589%
9	4.148	410	420	441	rVV	135740	530304	22.66%	1.672%
10	4.367	445	456	473	rVB	134960	417019	17.82%	1.315%
11	4.599	492	494	497	rVB4	550	696	0.03%	0.002%
12	4.910	530	545	571	rBV	208538	730466	31.21%	2.303%
13	5.123	571	580	591	rVB2	3652	12474	0.53%	0.039%
14	5.416	616	628	644	rVV2	221819	662528	28.31%	2.089%
15	5.525	644	646	652	rVB3	746	1170	0.05%	0.004%
16	5.745	675	682	686	rBV5	1683	4488	0.19%	0.014%
17	5.928	704	712	723	rVV5	2566	8073	0.34%	0.025%
18	6.214	747	759	771	rBV	71742	220483	9.42%	0.695%
19	6.982	882	885	887	rBV3	740	817	0.03%	0.003%
20	7.098	893	904	907	rBV	40478	105327	4.50%	0.332%
21	7.165	907	915	932	rVB2	326504	884201	37.78%	2.788%
22	7.513	961	972	983	rBV	299258	745398	31.85%	2.350%
23	7.653	984	995	1010	rVB2	263732	870990	37.22%	2.746%
24	7.873	1017	1031	1042	rBV	436994	1093538	46.73%	3.448%
25	7.958	1043	1045	1050	rVB3	3247	3986	0.17%	0.013%
26	8.068	1053	1063	1074	rBV	166477	406696	17.38%	1.282%
27	8.171	1078	1080	1083	rVB3	629	679	0.03%	0.002%
28	8.275	1083	1097	1114	rBV2	467272	1422597	60.79%	4.485%
29	8.391	1114	1116	1117	rBV2	705	678	0.03%	0.002%
30	8.629	1151	1155	1157	rBV4	1323	1878	0.08%	0.006%
31	8.677	1157	1163	1170	rVB4	4050	9070	0.39%	0.029%
32	8.848	1181	1191	1200	rVV	513048	1009948	43.16%	3.184%
33	9.092	1221	1231	1245	rBV	525278	1046629	44.73%	3.300%
34	9.281	1253	1262	1270	rBV	320164	647449	27.67%	2.041%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

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\SOM2WLM062018S.M
Title : VOC Analysis

35	9.372	1270	1277	1288	rVB	309539	609787	26.06%	1.923%
36	9.494	1288	1297	1311	rVB3	7787	28114	1.20%	0.089%
37	9.647	1313	1322	1329	rBV	150169	286581	12.25%	0.904%
38	9.769	1337	1342	1346	rVB3	1891	3656	0.16%	0.012%
39	9.897	1356	1363	1369	rBV2	14842	27887	1.19%	0.088%
40	10.037	1376	1386	1389	rVV	187366	337777	14.43%	1.065%
41	10.073	1389	1392	1399	rVV	180017	319127	13.64%	1.006%
42	10.147	1400	1404	1408	rVV2	11386	22407	0.96%	0.071%
43	10.220	1409	1416	1426	rVV	256730	463436	19.80%	1.461%
44	10.329	1426	1434	1442	rVV	691411	1221973	52.22%	3.853%
45	10.397	1442	1445	1450	rVB2	4585	7105	0.30%	0.022%
46	10.610	1468	1480	1490	rBV2	327053	777566	33.23%	2.452%
47	10.714	1490	1497	1502	rBV2	24190	46297	1.98%	0.146%
48	10.793	1503	1510	1515	rVV	147148	256563	10.96%	0.809%
49	10.866	1515	1522	1528	rVV	450219	768672	32.85%	2.424%
50	10.933	1528	1533	1536	rVV	175427	290155	12.40%	0.915%
51	10.976	1536	1540	1545	rVV	341440	541575	23.14%	1.708%
52	11.018	1545	1547	1552	rVV	27491	37164	1.59%	0.117%
53	11.073	1552	1556	1560	rVV	18444	28385	1.21%	0.089%
54	11.134	1560	1566	1572	rVB	126564	215127	9.19%	0.678%
55	11.238	1577	1583	1592	rVB	133732	230105	9.83%	0.725%
56	11.409	1607	1611	1614	rBV2	2989	4698	0.20%	0.015%
57	11.451	1614	1618	1623	rVB2	5611	8551	0.37%	0.027%
58	11.634	1640	1648	1657	rBV	739823	1244709	53.19%	3.924%
59	11.738	1657	1665	1672	rVB	524508	895313	38.26%	2.823%
60	11.847	1676	1683	1684	rBV4	1970	3216	0.14%	0.010%
61	12.079	1718	1721	1725	rVB3	643	781	0.03%	0.002%
62	12.189	1731	1739	1748	rBV	686053	1054691	45.07%	3.325%
63	12.256	1748	1750	1754	rVV5	1852	2233	0.10%	0.007%
64	12.353	1758	1766	1777	rVV	144968	250172	10.69%	0.789%
65	12.469	1782	1785	1791	rVB5	3378	5564	0.24%	0.018%
66	12.512	1791	1792	1798	rVB3	687	906	0.04%	0.003%
67	12.622	1801	1810	1816	rBV2	13936	23028	0.98%	0.073%
68	12.719	1816	1826	1834	rBV3	390003	989230	42.27%	3.119%
69	12.866	1846	1850	1853	rVV4	530	767	0.03%	0.002%
70	12.945	1858	1863	1868	rVV4	6157	11439	0.49%	0.036%
71	13.036	1871	1878	1882	rVV7	1788	4552	0.19%	0.014%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

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\SOM2WLM062018S.M
Title : VOC Analysis

72	13.116	1884	1891	1896	rVB4	4200	9018	0.39%	0.028%
73	13.262	1907	1915	1929	rVB	1051926	1579320	67.49%	4.979%
74	13.378	1929	1934	1935	rBV5	1338	2098	0.09%	0.007%
75	13.506	1948	1955	1960	rBV	831739	1326321	56.68%	4.182%
76	13.567	1960	1965	1974	rVB	845449	1330802	56.87%	4.196%
77	13.774	1995	1999	2002	rBV4	2294	3138	0.13%	0.010%
78	13.811	2002	2005	2007	rBV4	1413	1792	0.08%	0.006%
79	13.859	2007	2013	2021	rBV	631955	1052086	44.96%	3.317%
80	14.030	2036	2041	2044	rBV5	1444	2266	0.10%	0.007%
81	14.085	2044	2050	2063	rVB2	9745	21308	0.91%	0.067%
82	14.335	2087	2091	2095	rBV5	2070	3385	0.14%	0.011%
83	14.493	2110	2117	2127	rBV	158215	268051	11.45%	0.845%
84	14.640	2137	2141	2145	rVB6	2276	3594	0.15%	0.011%
85	14.731	2153	2156	2160	rVV5	1332	1831	0.08%	0.006%
86	15.146	2219	2224	2228	rVV5	2740	5177	0.22%	0.016%
87	15.182	2228	2230	2231	rVV2	1194	967	0.04%	0.003%
88	15.201	2231	2233	2237	rVV4	1736	1706	0.07%	0.005%
89	15.237	2237	2239	2241	rVB2	720	665	0.03%	0.002%
90	15.383	2258	2263	2267	rVV5	2174	4667	0.20%	0.015%
91	15.450	2271	2274	2279	rVV3	3251	5090	0.22%	0.016%
92	15.511	2280	2284	2285	rVV2	2297	2525	0.11%	0.008%
93	15.566	2286	2293	2303	rVB	204480	385093	16.46%	1.214%
94	15.713	2314	2317	2320	rBV4	1282	1655	0.07%	0.005%
95	15.761	2323	2325	2327	rBV2	798	725	0.03%	0.002%
96	15.780	2327	2328	2332	rVV4	903	855	0.04%	0.003%
97	15.877	2341	2344	2346	rVB3	1198	1085	0.05%	0.003%
98	16.078	2375	2377	2381	rVB4	847	960	0.04%	0.003%
99	16.584	2458	2460	2463	rVB3	757	918	0.04%	0.003%
100	16.731	2481	2484	2485	rBV3	702	656	0.03%	0.002%

Sum of corrected areas: 31716766

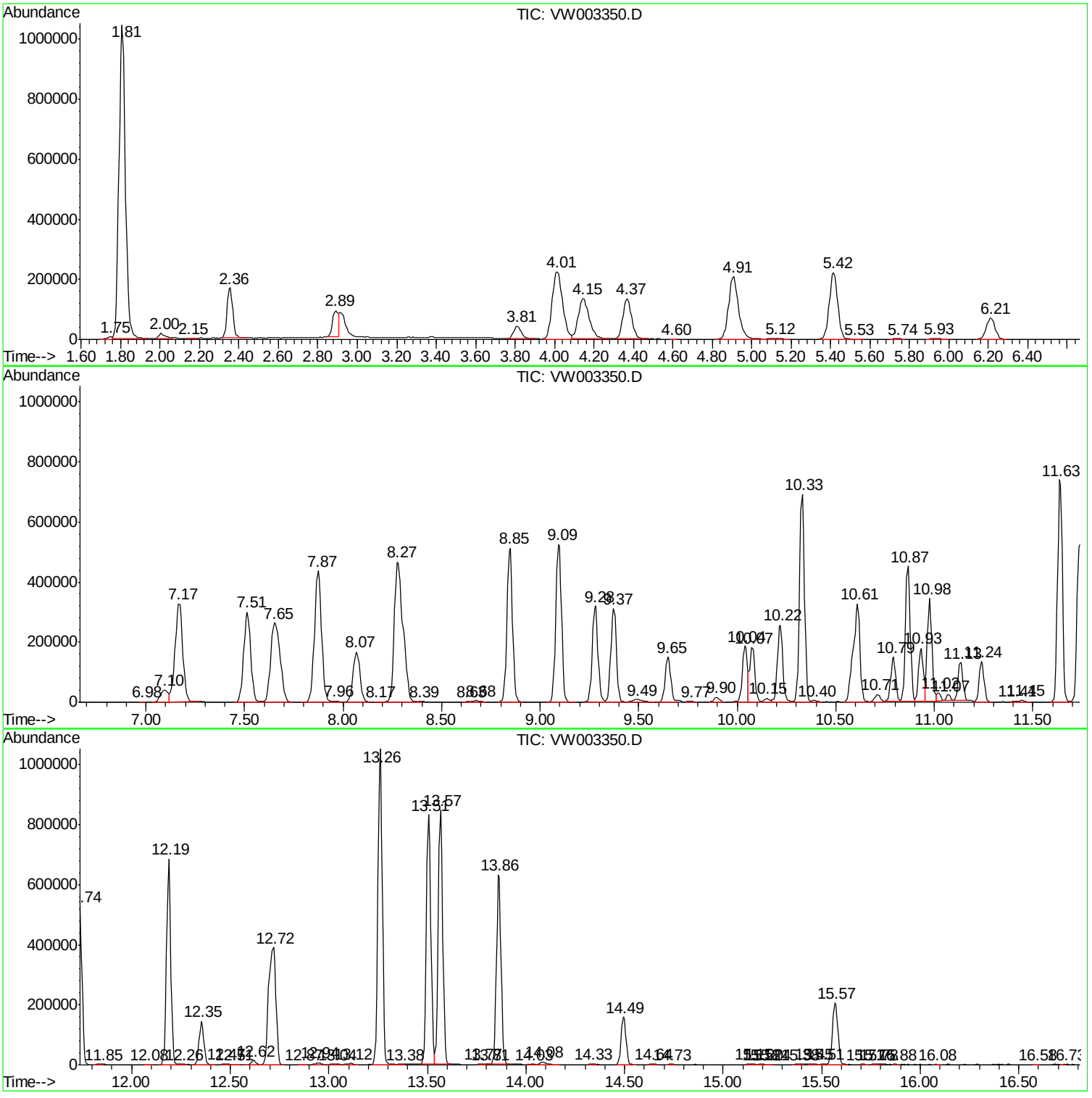
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

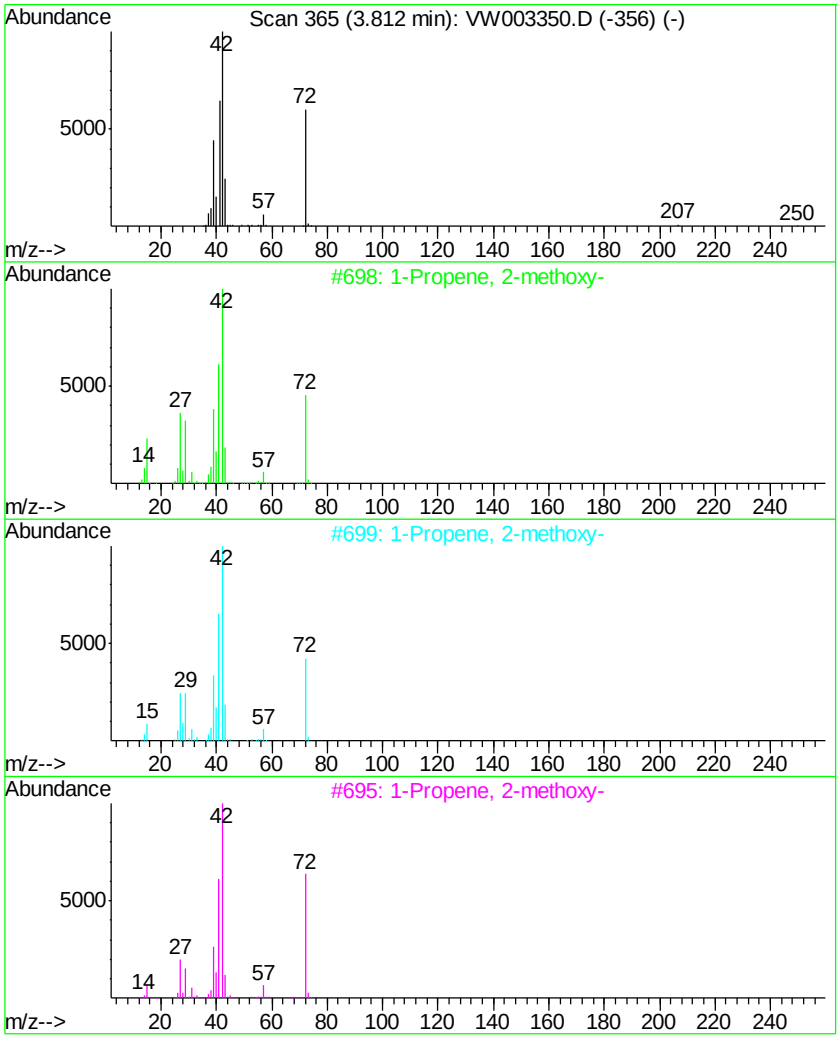
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

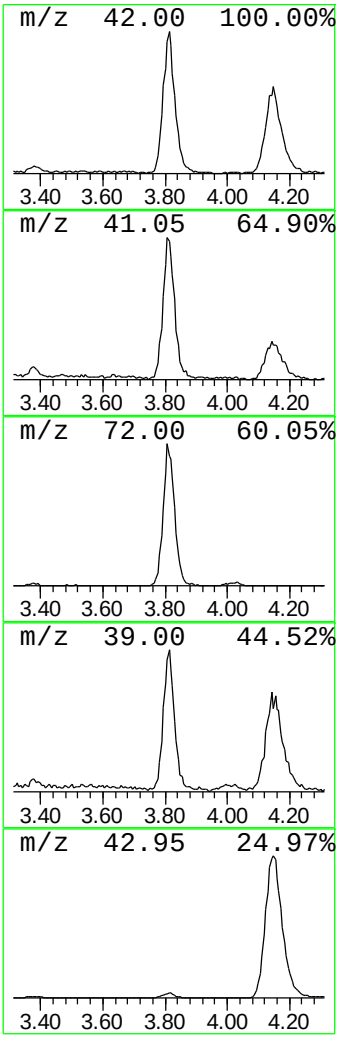
****

Peak Number 2 1-Propene, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.93 ug/L	118541	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
2	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
3	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	53
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	47
5	Tetrahydrofuran	72	C4H8O	000109-99-9	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

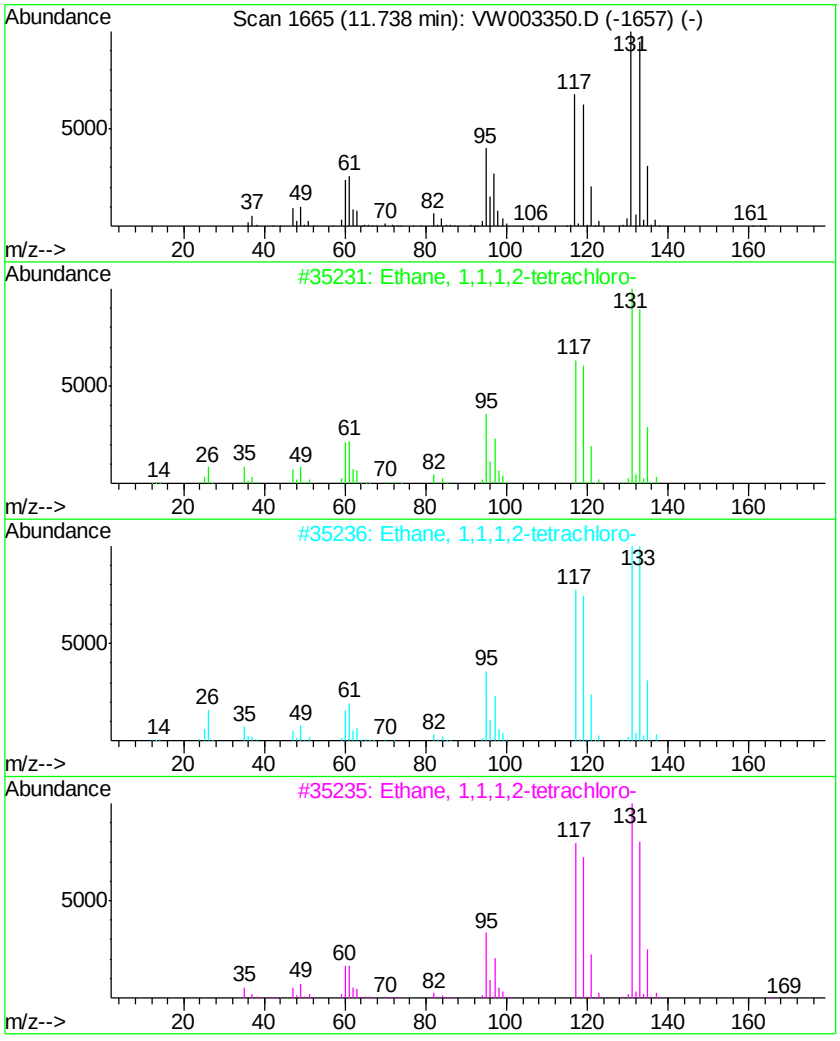
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

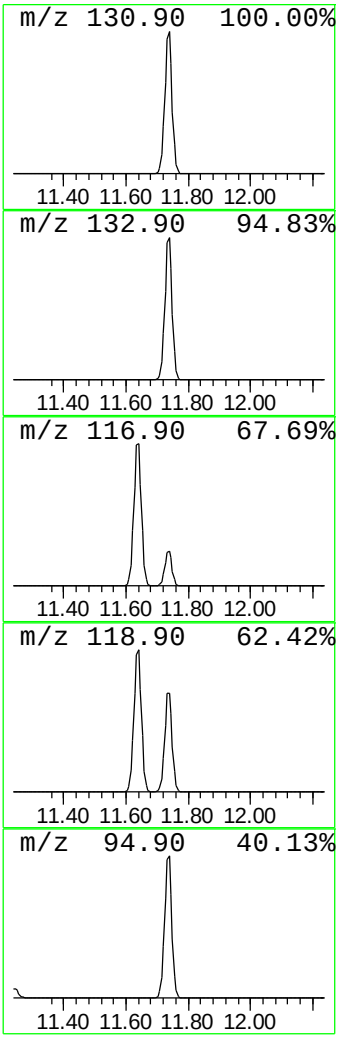
****

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	17.98 ug/L	895313	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	86
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	59
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

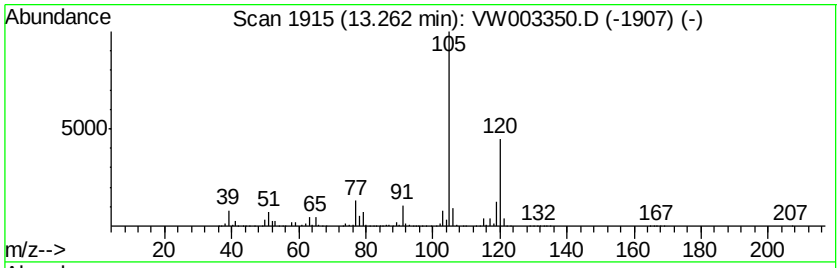
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

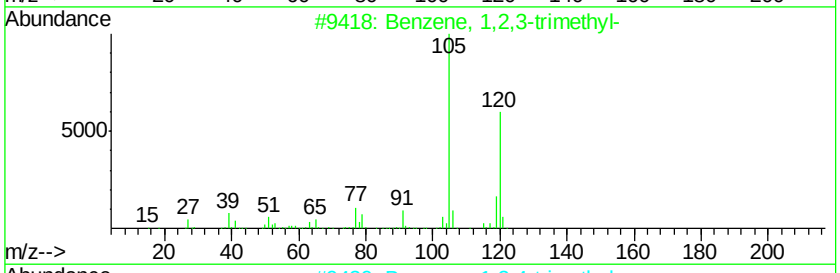
****

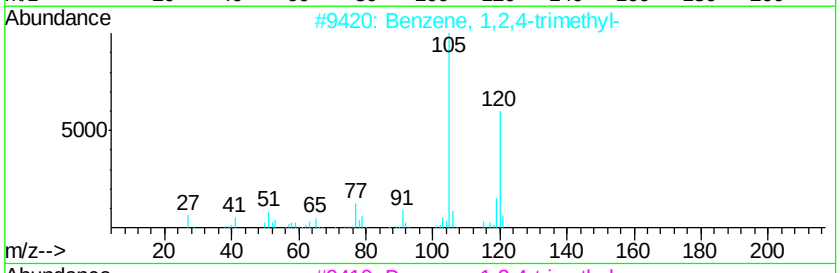
Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 2

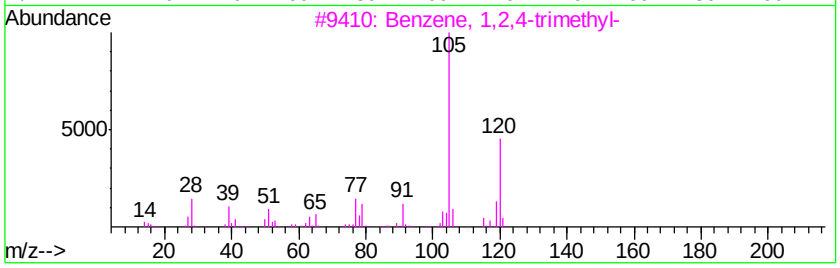
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	29.67 ug/L	1579320	1,4-Dichlorobenzene-d4	13.57

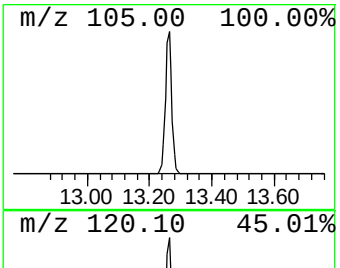
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91

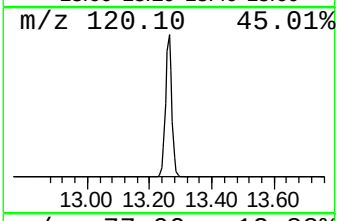


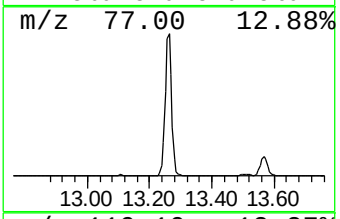


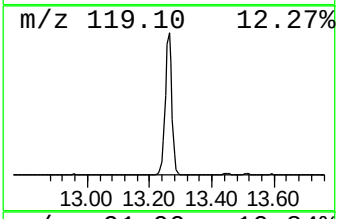


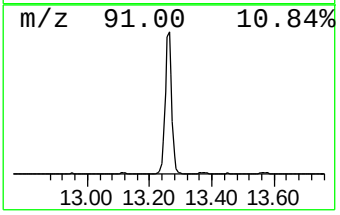












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003350.D
Acq On : 20 Jun 2018 13:42
Operator : SY/AP
Sample : J3568-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXN5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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
1-Propene, 2-meth...	3.81	2.9	ug/L	118541	1	8.85	1009950	25.0
Ethane, 1,1,1,2-t...	11.74	18.0	ug/L	895313	2	11.64	1244710	25.0
Benzene, 1,2,4-tr...	13.26	29.7	ug/L	1579320	3	13.57	1330800	25.0