LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010146.D
Acq On : 25 Apr 2019 16:40
Operator : SY/VA
Sample : K2497-02
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX8

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\SOM2WLM042419S.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	1.959	6	9	14	rBV2	6153	9551	0.47%	0.063%
2	2.160	37	42	46	rBV3	9020	17479	0.86%	0.116%
3	2.349	68	73	85	rBV2	75381	195850	9.67%	1.299%
4	2.891	154	162	173	rBV	67386	192252	9.49%	1.275%
5	3.842	314	318	319	rBV3	2064	2561	0.13%	0.017%
6	3.861	319	321	322	rVB2	1713	1018	0.05%	0.007%
7	4.007	333	345	360	rBV	187467	668381	33.01%	4.433%
8	4.403	401	410	416	rBV5	4285	11981	0.59%	0.079%
9	4.483	421	423	426	rBV2	912	863	0.04%	0.006%
10	4.672	452	454	458	rVB3	1038	1474	0.07%	0.010%
11	4.708	458	460	463	rBV4	872	1241	0.06%	0.008%
12	4.915	481	494	511	rBV3	22101	99908	4.93%	0.663%
13	5.251	546	549	550	rVB2	943	815	0.04%	0.005%
14	5.354	563	566	569	rBV2	908	1192	0.06%	0.008%
15	5.421	575	577	579	rVB2	1252	841	0.04%	0.006%
16	5.659	613	616	620	rBV	852	950	0.05%	0.006%
17	5.702	620	623	626	rVB3	1064	1440	0.07%	0.010%
18	5.726	626	627	629	rBV	988	856	0.04%	0.006%
19	5.879	648	652	653	rBV	1304	891	0.04%	0.006%
20	5.921	653	659	672	rVB6	4480	12845	0.63%	0.085%
21	6.068	679	683	684	rBV	789	854	0.04%	0.006%
22	6.263	714	715	718	rBV2	1304	1246	0.06%	0.008%
23	6.677	779	783	785	rBV2	1019	1360	0.07%	0.009%
24	6.732	788	792	794	rBV2	1200	2085	0.10%	0.014%
25	6.824	804	807	812	rBV	1171	1739	0.09%	0.012%
26	6.921	821	823	825	rBV2	904	875	0.04%	0.006%
27	7.080	838	849	862	rBV	65624	188088	9.29%	1.247%
28	7.427	902	906	908	rVV2	752	873	0.04%	0.006%
29	7.537	915	924	927	rBV5	2480	5640	0.28%	0.037%
30	7.647	931	942	955	rVV	359432	877210	43.32%	5.818%
31	7.872	976	979	984	rBV3	1010	1601	0.08%	0.011%
32	7.933	986	989	990	rBV3	1079	997	0.05%	0.007%
33	7.945	990	991	998	rVB5	2597	3613	0.18%	0.024%
34	8.006	998	1001	1003	rBV4	695	1058	0.05%	0.007%

LSC Area Percent Report

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Title : VOC Analysis

35	8.061	1007	1010	1012	rBV4	1184	1699	0.08%	0.011%
36	8.268	1032	1044	1061	rBV2	673503	2025073	100.00%	13.431%
37	8.451	1071	1074	1075	rBV	1081	966	0.05%	0.006%
38	8.494	1080	1081	1085	rVB2	1309	990	0.05%	0.007%
39	8.549	1085	1090	1092	rBV3	707	938	0.05%	0.006%
40	8.616	1098	1101	1108	rBV3	1232	2280	0.11%	0.015%
41	8.841	1129	1138	1150	rBV	723272	1407110	69.48%	9.333%
42	9.055	1165	1173	1174	rBV5	2010	3213	0.16%	0.021%
43	9.274	1200	1209	1223	rVV	476649	990279	48.90%	6.568%
44	9.476	1240	1242	1247	rVB3	1003	1251	0.06%	0.008%
45	9.573	1257	1258	1265	rVB3	831	1039	0.05%	0.007%
46	9.652	1267	1271	1281	rVB6	2415	6135	0.30%	0.041%
47	9.744	1281	1286	1287	rBV2	2290	2735	0.14%	0.018%
48	9.890	1304	1310	1315	rVB5	3872	7856	0.39%	0.052%
49	10.030	1326	1333	1342	rBV	237374	432085	21.34%	2.866%
50	10.250	1364	1369	1372	rVB2	3137	4397	0.22%	0.029%
51	10.323	1372	1381	1388	rBV	936880	1622729	80.13%	10.763%
52	10.384	1388	1391	1403	rVB	15573	26965	1.33%	0.179%
53	10.573	1415	1422	1431	rBV	156585	276753	13.67%	1.836%
54	10.707	1439	1444	1447	rVB4	4374	7082	0.35%	0.047%
55	10.762	1451	1453	1454	rBV	1359	1237	0.06%	0.008%
56	10.780	1454	1456	1459	rVB3	921	1034	0.05%	0.007%
57	10.853	1462	1468	1473	rBV6	4102	7634	0.38%	0.051%
58	10.926	1473	1480	1493	rBV	272453	459736	22.70%	3.049%
59	11.073	1499	1504	1511	rVB4	4578	7750	0.38%	0.051%
60	11.231	1528	1530	1535	rBV4	1116	1264	0.06%	0.008%
61	11.341	1545	1548	1551	rVB3	2046	2711	0.13%	0.018%
62	11.372	1551	1553	1555	rBV2	1326	1162	0.06%	0.008%
63	11.408	1555	1559	1564	rBV6	2436	3837	0.19%	0.025%
64	11.542	1580	1581	1584	rVB3	1145	874	0.04%	0.006%
65	11.628	1587	1595	1605	rBV	941187	1612530	79.63%	10.695%
66	11.719	1608	1610	1616	rVB5	3152	5796	0.29%	0.038%
67	11.841	1624	1630	1635	rBV4	6370	12090	0.60%	0.080%
68	11.926	1641	1644	1645	rBV3	1056	1051	0.05%	0.007%
69	12.006	1654	1657	1659	rVB2	1257	1241	0.06%	0.008%
70	12.036	1659	1662	1665	rBV3	903	1153	0.06%	0.008%
71	12.115	1671	1675	1677	rVB4	672	896	0.04%	0.006%

LSC Area Percent Report

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Sample : K2497-02
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX8

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\SOM2WLM042419S.M
Title : VOC Analysis

72	12.182	1679	1686	1692	rVV3	23325	42661	2.11%	0.283%
73	12.469	1729	1733	1737	rBV6	2812	4427	0.22%	0.029%
74	12.542	1742	1745	1746	rBV2	952	1008	0.05%	0.007%
75	12.609	1748	1756	1761	rBV3	10911	18775	0.93%	0.125%
76	12.694	1763	1770	1778	rVB	356287	595494	29.41%	3.950%
77	12.871	1796	1799	1803	rVV5	4442	7720	0.38%	0.051%
78	12.944	1806	1811	1819	rVB2	14678	28225	1.39%	0.187%
79	13.109	1832	1838	1843	rVV6	3834	8075	0.40%	0.054%
80	13.200	1849	1853	1856	rVB5	2077	3044	0.15%	0.020%
81	13.249	1856	1861	1865	rBV2	17622	29335	1.45%	0.195%
82	13.304	1865	1870	1874	rVV3	24630	38515	1.90%	0.255%
83	13.353	1875	1878	1883	rVB4	8066	11094	0.55%	0.074%
84	13.408	1884	1887	1892	rVB6	3438	4730	0.23%	0.031%
85	13.481	1895	1899	1901	rBV4	5188	7511	0.37%	0.050%
86	13.560	1906	1912	1925	rVB	844841	1375575	67.93%	9.123%
87	13.767	1940	1946	1947	rBV5	8581	15018	0.74%	0.100%
88	13.853	1953	1960	1967	rBV	674217	1148152	56.70%	7.615%
89	13.938	1970	1974	1981	rVB2	44419	77932	3.85%	0.517%
90	14.078	1993	1997	2005	rVB3	10892	23895	1.18%	0.158%
91	14.206	2013	2018	2019	rBV4	7623	10084	0.50%	0.067%
92	14.328	2036	2038	2044	rVB7	9089	13358	0.66%	0.089%
93	14.725	2101	2103	2110	rVB6	6888	10183	0.50%	0.068%
94	14.804	2111	2116	2123	rBV8	10144	24702	1.22%	0.164%
95	14.962	2137	2142	2147	rBV4	13567	22615	1.12%	0.150%
96	15.371	2204	2209	2214	rBV	76961	121631	6.01%	0.807%
97	15.444	2218	2221	2226	rVB2	28981	45294	2.24%	0.300%
98	15.804	2278	2280	2285	rBV6	7148	11223	0.55%	0.074%
99	16.450	2381	2386	2390	rBV5	18317	36134	1.78%	0.240%
100	16.651	2413	2419	2427	rVB2	37823	87706	4.33%	0.582%

Sum of corrected areas: 15077315

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
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Acq On : 25 Apr 2019 16:40
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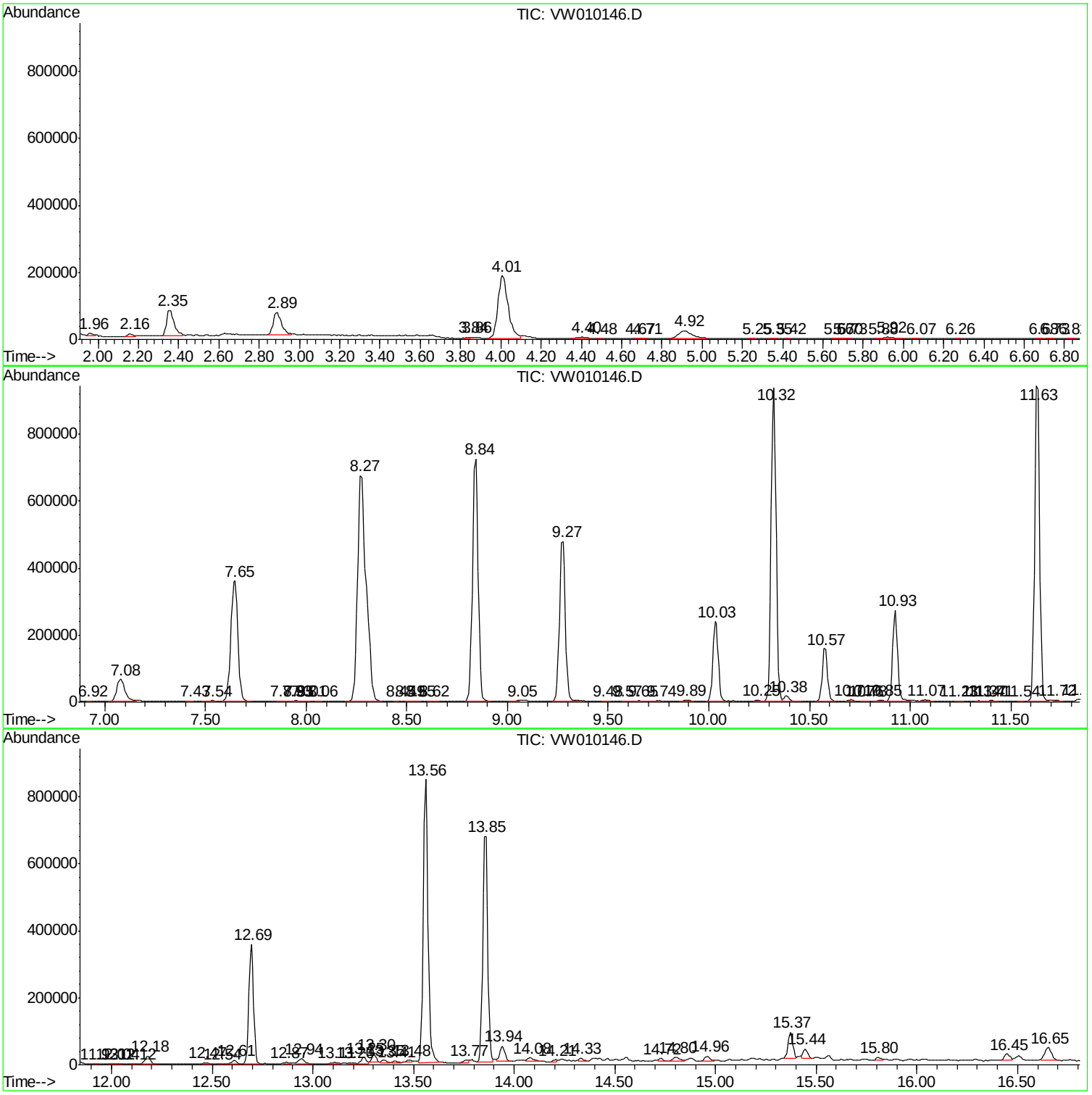
Sample : K2497-02
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

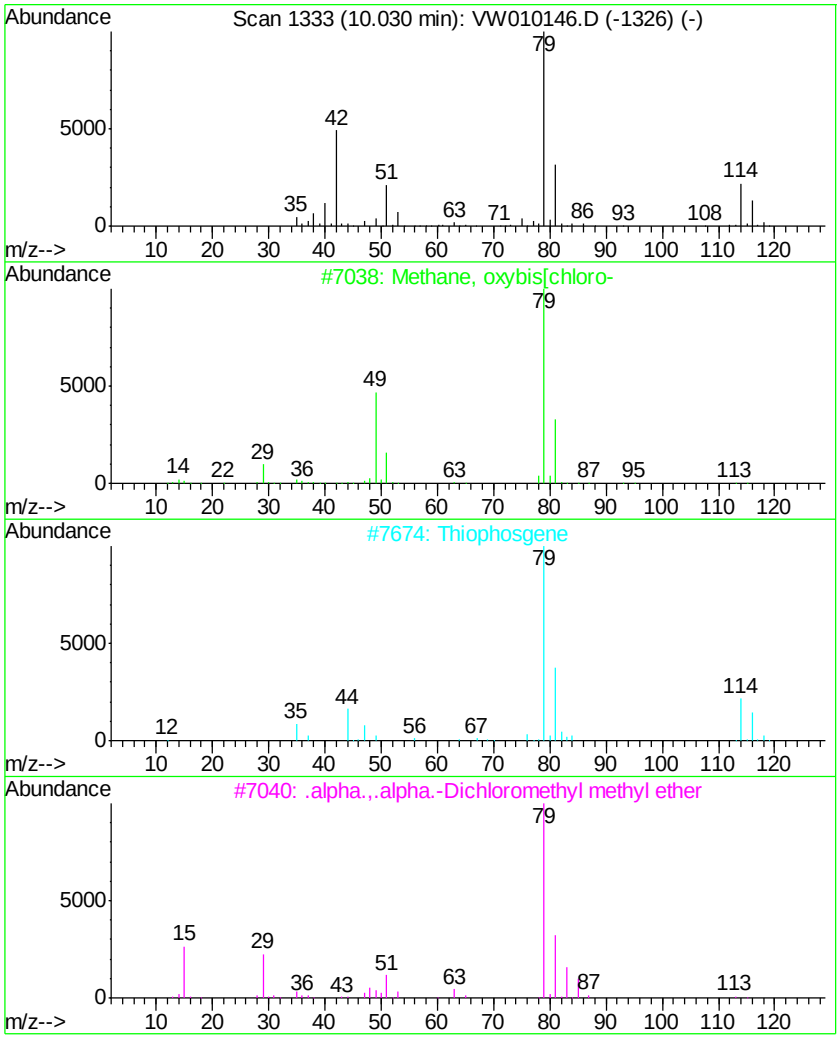
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

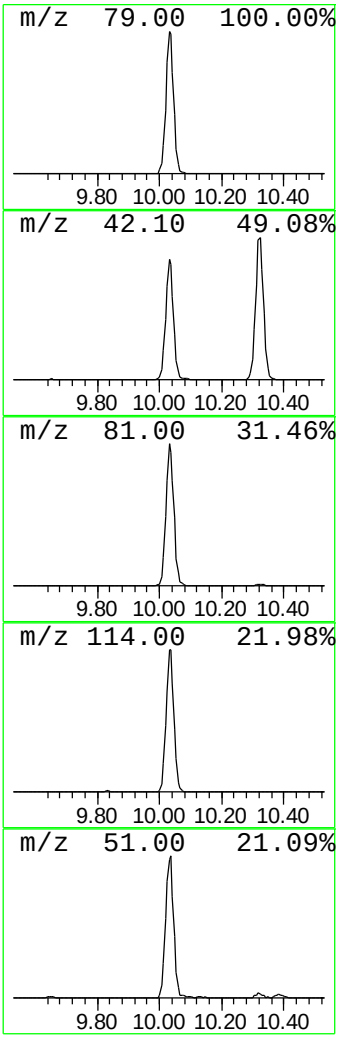
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	7.68 ug/L	432085	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
2	Thiophosgene	114	CCl2S	000463-71-8	28
3	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	25
4	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
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Instrument : MSVOA_W
ClientSampleId : GAHX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

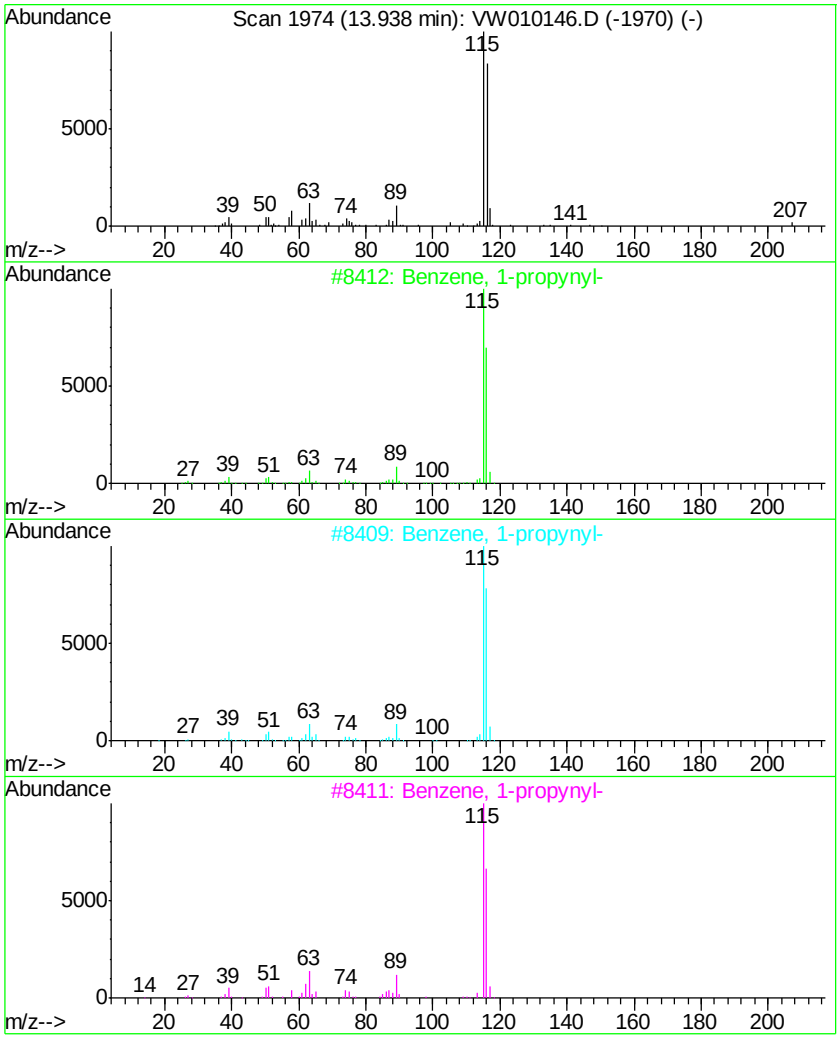
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

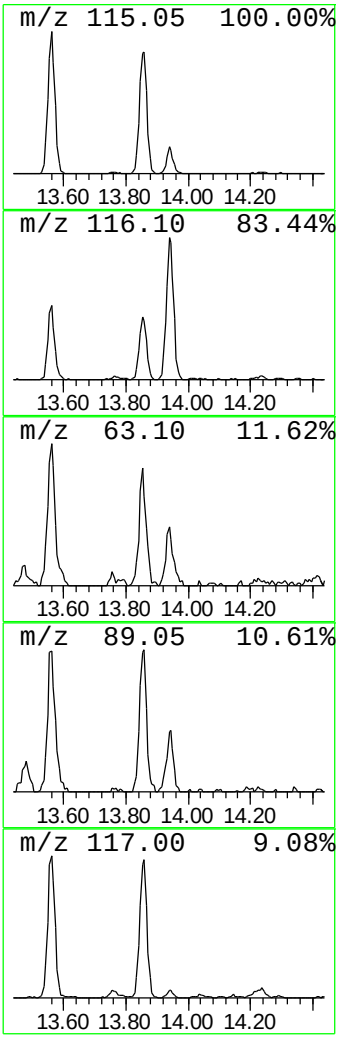
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	1.42 ug/L	77932	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

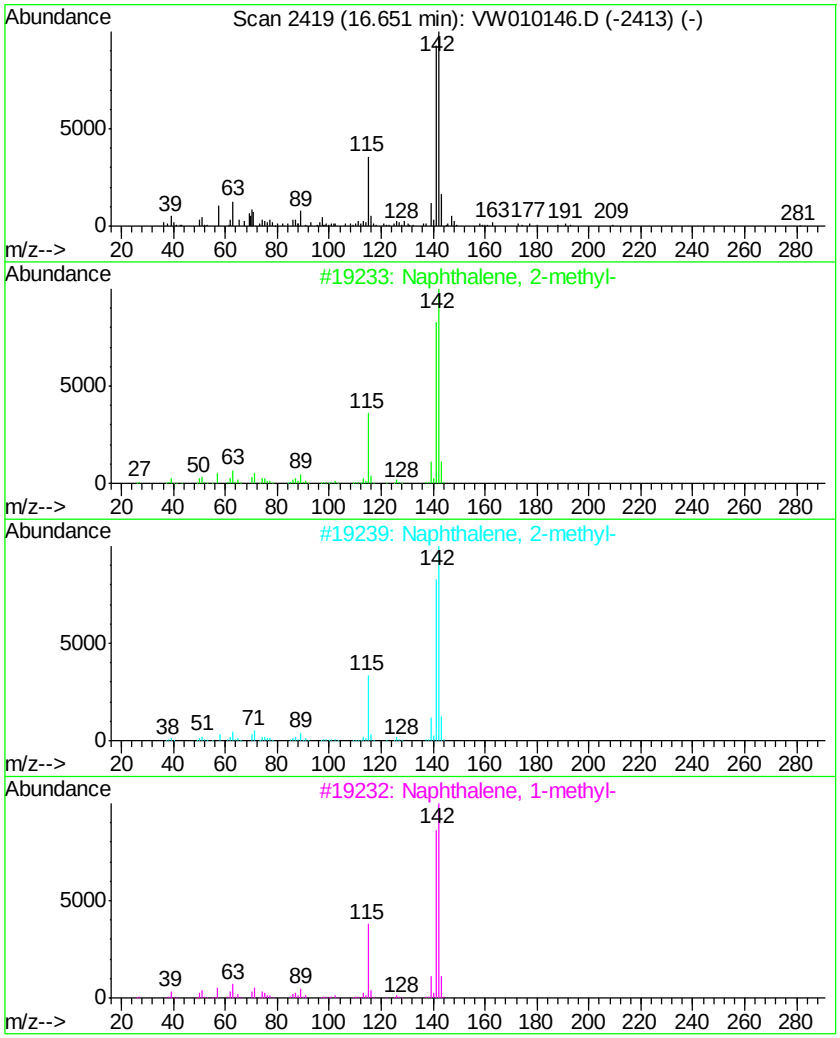
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

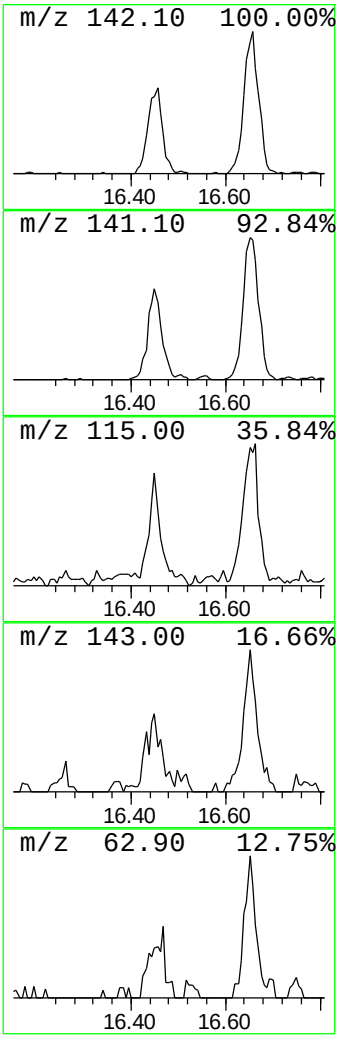
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1.59 ug/L	87706	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.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
unknown-01	10.03	7.7	ug/L	432085	1	8.84	1407110	25.0
Benzene, 1-propynyl-	13.94	1.4	ug/L	77932	3	13.56	1375580	25.0
Naphthalene, 1-me...	16.65	1.6	ug/L	87706	3	13.56	1375580	25.0