LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

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\SOM2WLM042919S.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	2.160	37	42	47	rBV	18836	47185	0.23%	0.124%
2	4.007	336	345	355	rBV	47123	130400	0.63%	0.344%
3	4.397	398	409	415	rBV4	6881	22056	0.11%	0.058%
4	4.525	429	430	432	rBV	714	580	0.00%	0.002%
5	4.635	447	448	451	rBV3	1095	734	0.00%	0.002%
6	4.897	482	491	503	rBV3	15906	52070	0.25%	0.137%
7	5.153	531	533	535	rBV2	1080	905	0.00%	0.002%
8	5.312	556	559	560	rBV2	985	717	0.00%	0.002%
9	5.330	560	562	566	rBV2	658	817	0.00%	0.002%
10	5.403	572	574	577	rBV2	795	908	0.00%	0.002%
11	5.458	581	583	585	rBV3	570	692	0.00%	0.002%
12	5.556	597	599	601	rVB2	788	737	0.00%	0.002%
13	5.641	611	613	614	rVB2	1024	566	0.00%	0.001%
14	5.806	638	640	642	rVB	730	634	0.00%	0.002%
15	5.836	642	645	646	rBV	590	604	0.00%	0.002%
16	5.934	658	661	664	rVB3	1323	1849	0.01%	0.005%
17	5.970	664	667	668	rBV2	924	668	0.00%	0.002%
18	6.049	677	680	683	rBV3	621	812	0.00%	0.002%
19	6.080	683	685	689	rBV2	524	896	0.00%	0.002%
20	6.135	691	694	695	rBV2	708	787	0.00%	0.002%
21	6.354	727	730	731	rVB2	756	655	0.00%	0.002%
22	6.379	731	734	737	rBV3	1004	1236	0.01%	0.003%
23	6.476	747	750	753	rVB2	617	755	0.00%	0.002%
24	6.507	753	755	757	rBV2	533	567	0.00%	0.001%
25	6.580	766	767	771	rBV	1056	1130	0.01%	0.003%
26	6.616	771	773	775	rVV	780	646	0.00%	0.002%
27	6.653	778	779	783	rVB2	841	848	0.00%	0.002%
28	6.854	810	812	816	rBV2	547	597	0.00%	0.002%
29	6.897	816	819	823	rVB3	1068	1335	0.01%	0.004%
30	6.952	826	828	831	rVB2	840	743	0.00%	0.002%
31	6.982	831	833	835	rBV2	689	625	0.00%	0.002%
32	7.080	841	849	869	rBV2	36746	110016	0.53%	0.290%
33	7.250	875	877	879	rBV3	723	629	0.00%	0.002%
34	7.354	890	894	895	rVB	573	645	0.00%	0.002%

LSC Area Percent Report

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Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

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\SOM2WLM042919S.M
Title : VOC Analysis

35	7.366	895	896	899	rBV3	760	635	0.00%	0.002%
36	7.452	907	910	913	rBV3	586	722	0.00%	0.002%
37	7.647	930	942	954	rVB	131025	316731	1.53%	0.834%
38	7.732	954	956	958	rBV3	599	648	0.00%	0.002%
39	7.817	968	970	972	rBV	684	890	0.00%	0.002%
40	8.067	1007	1011	1013	rBV2	891	1280	0.01%	0.003%
41	8.098	1013	1016	1021	rVB2	594	1136	0.01%	0.003%
42	8.159	1024	1026	1029	rBV2	1036	1225	0.01%	0.003%
43	8.268	1033	1044	1059	rBV2	201394	685245	3.31%	1.805%
44	8.470	1075	1077	1083	rBV3	876	993	0.00%	0.003%
45	8.555	1089	1091	1093	rBV	890	568	0.00%	0.001%
46	8.622	1096	1102	1104	rBV3	818	1624	0.01%	0.004%
47	8.695	1111	1114	1116	rBV3	1170	1156	0.01%	0.003%
48	8.842	1129	1138	1146	rBV	238021	478693	2.32%	1.261%
49	8.994	1159	1163	1164	rBV2	600	583	0.00%	0.002%
50	9.031	1167	1169	1170	rBV2	968	724	0.00%	0.002%
51	9.274	1200	1209	1218	rVV	188788	384668	1.86%	1.013%
52	9.341	1218	1220	1225	rVB4	1537	2336	0.01%	0.006%
53	9.415	1229	1232	1234	rBV3	858	1092	0.01%	0.003%
54	9.482	1239	1243	1246	rVB4	1021	1321	0.01%	0.003%
55	9.530	1246	1251	1252	rBV4	711	949	0.00%	0.003%
56	9.555	1252	1255	1257	rBV2	435	613	0.00%	0.002%
57	9.646	1267	1270	1271	rBV2	1336	1119	0.01%	0.003%
58	9.750	1283	1287	1288	rBV	1689	1757	0.01%	0.005%
59	9.817	1296	1298	1300	rVB2	782	586	0.00%	0.002%
60	9.890	1304	1310	1315	rVV7	4140	7990	0.04%	0.021%
61	9.963	1319	1322	1323	rVB2	740	672	0.00%	0.002%
62	10.036	1327	1334	1343	rBV	86439	160930	0.78%	0.424%
63	10.213	1361	1363	1364	rBV2	965	640	0.00%	0.002%
64	10.250	1365	1369	1372	rVB2	2668	3927	0.02%	0.010%
65	10.323	1372	1381	1388	rBV	244425	428744	2.07%	1.130%
66	10.451	1400	1402	1403	rVB	1171	736	0.00%	0.002%
67	10.488	1406	1408	1410	rVV3	992	784	0.00%	0.002%
68	10.512	1410	1412	1414	rVB3	801	655	0.00%	0.002%
69	10.579	1414	1423	1433	rBV	65288	115869	0.56%	0.305%
70	10.658	1433	1436	1437	rVV2	947	953	0.00%	0.003%
71	10.707	1439	1444	1450	rVV3	10056	18160	0.09%	0.048%

LSC Area Percent Report

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Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

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\SOM2WLM042919S.M
Title : VOC Analysis

72	10.774	1453	1455	1462	rVB4	2303	2152	0.01%	0.006%
73	10.927	1473	1480	1490	rBV	140648	244006	1.18%	0.643%
74	11.073	1501	1504	1509	rVB3	2742	3971	0.02%	0.010%
75	11.286	1536	1539	1541	rBV3	1131	1307	0.01%	0.003%
76	11.634	1589	1596	1602	rBV	420815	717831	3.47%	1.891%
77	12.481	1730	1735	1737	rBV6	3432	7431	0.04%	0.020%
78	12.695	1765	1770	1776	rVB	206873	339127	1.64%	0.894%
79	13.115	1834	1839	1847	rVB6	18704	36253	0.18%	0.096%
80	13.249	1854	1861	1865	rBV	72846	118188	0.57%	0.311%
81	13.304	1865	1870	1874	rVV	183652	293284	1.42%	0.773%
82	13.353	1875	1878	1886	rVB	78751	117070	0.57%	0.308%
83	13.560	1906	1912	1920	rBV2	387335	683708	3.31%	1.801%
84	13.627	1920	1923	1929	rVB	49370	75919	0.37%	0.200%
85	13.713	1933	1937	1939	rBV4	7331	10927	0.05%	0.029%
86	13.761	1940	1945	1949	rBV2	33273	56874	0.28%	0.150%
87	13.853	1954	1960	1967	rBV	289504	493725	2.39%	1.301%
88	13.938	1968	1974	1983	rVB	1424694	2286818	11.06%	6.025%
89	14.146	2004	2008	2014	rVB2	25062	49105	0.24%	0.129%
90	14.237	2018	2023	2028	rVV	112085	169749	0.82%	0.447%
91	14.286	2028	2031	2036	rVB2	28756	40176	0.19%	0.106%
92	14.469	2056	2061	2065	rBV2	86203	160973	0.78%	0.424%
93	14.694	2094	2098	2102	rBV	21729	36260	0.18%	0.096%
94	14.798	2109	2115	2120	rBV2	87681	173840	0.84%	0.458%
95	14.877	2123	2128	2135	rVV	566321	901608	4.36%	2.375%
96	14.956	2135	2141	2151	rVB	644121	1107204	5.36%	2.917%
97	15.060	2153	2158	2163	rVV	77619	132345	0.64%	0.349%
98	15.371	2198	2209	2219	rVB	11329965	20673981	100.00%	54.470%
99	16.298	2357	2361	2368	rVB	566447	1002645	4.85%	2.642%
100	16.450	2380	2386	2394	rVB	2503565	5005982	24.21%	13.189%

Sum of corrected areas: 37954857

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
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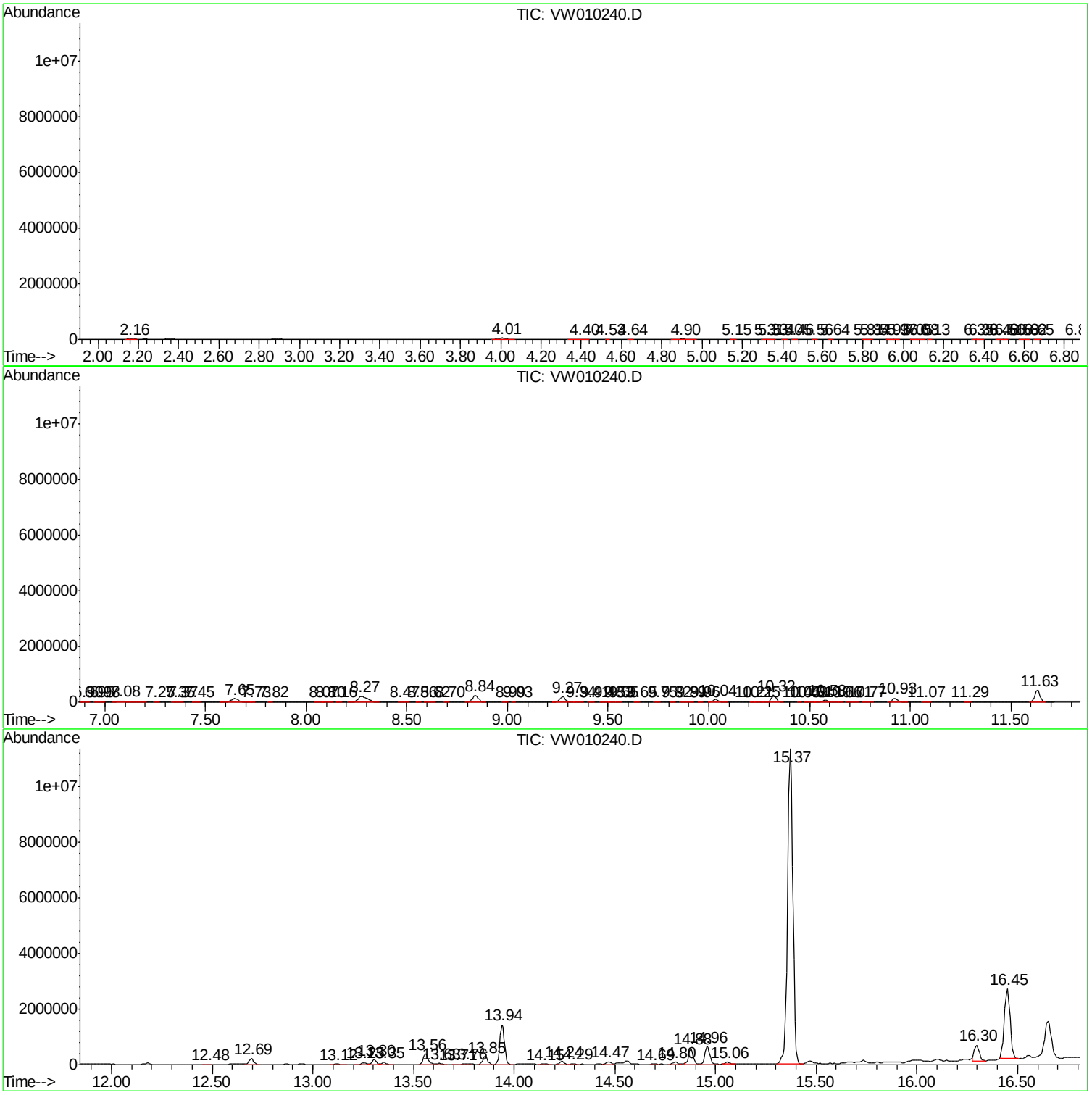
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

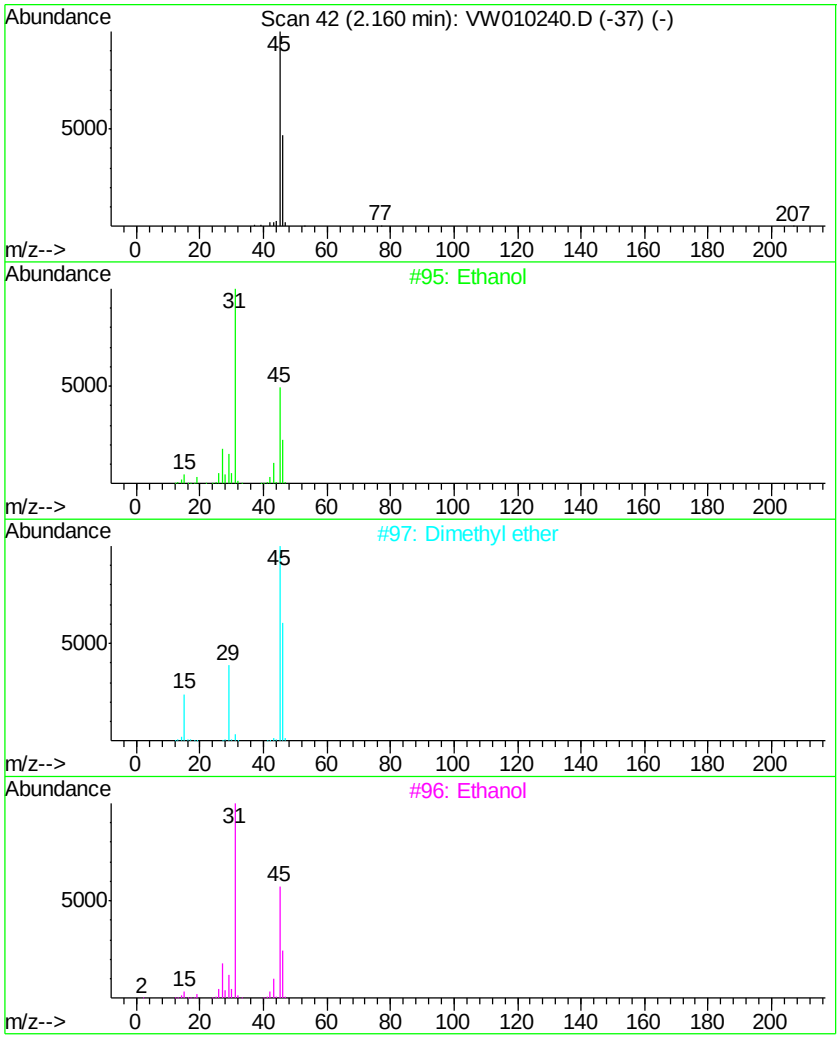
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

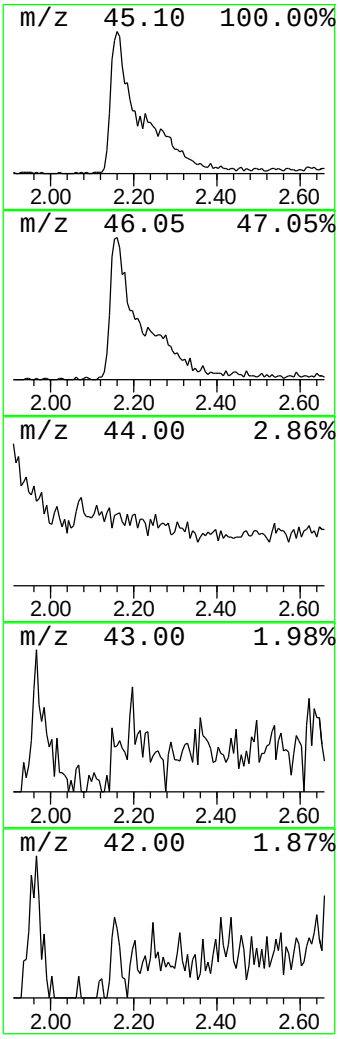
****

Peak Number 1 Dimethyl ether Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.46 ug/L	47185	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	9
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	9
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Ethanol	46	C2H6O	000064-17-5	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

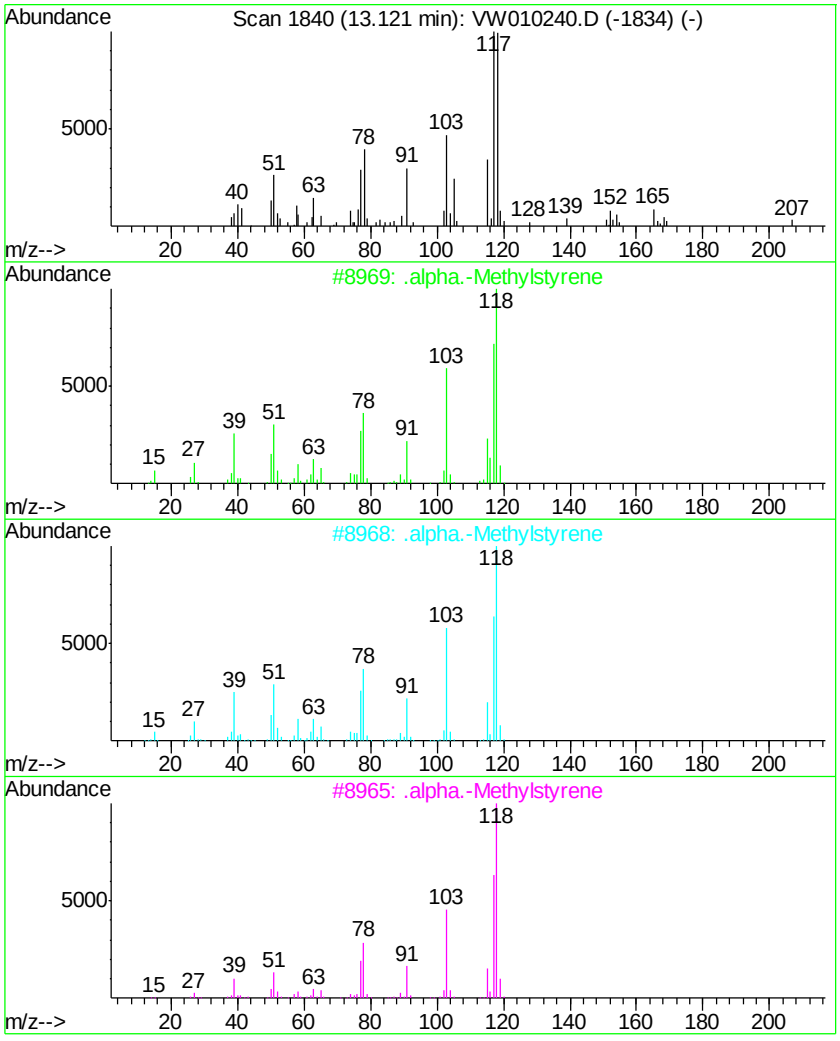
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

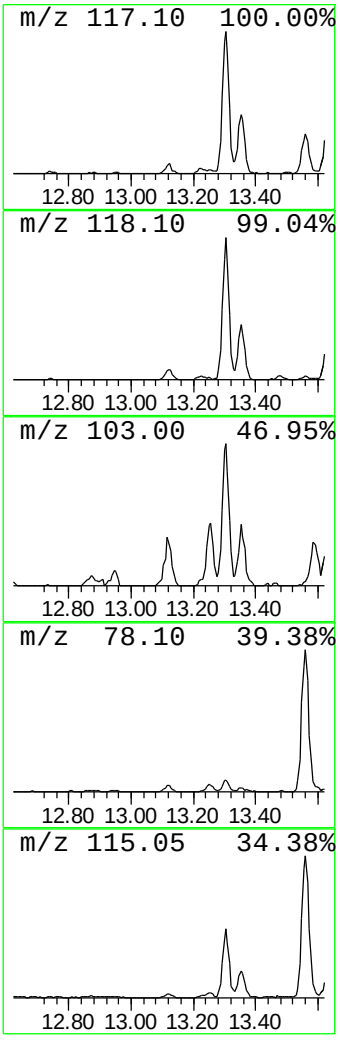
****

Peak Number 4 .alpha.-Methylstyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	1.33 ug/L	36253	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	68
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	64
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

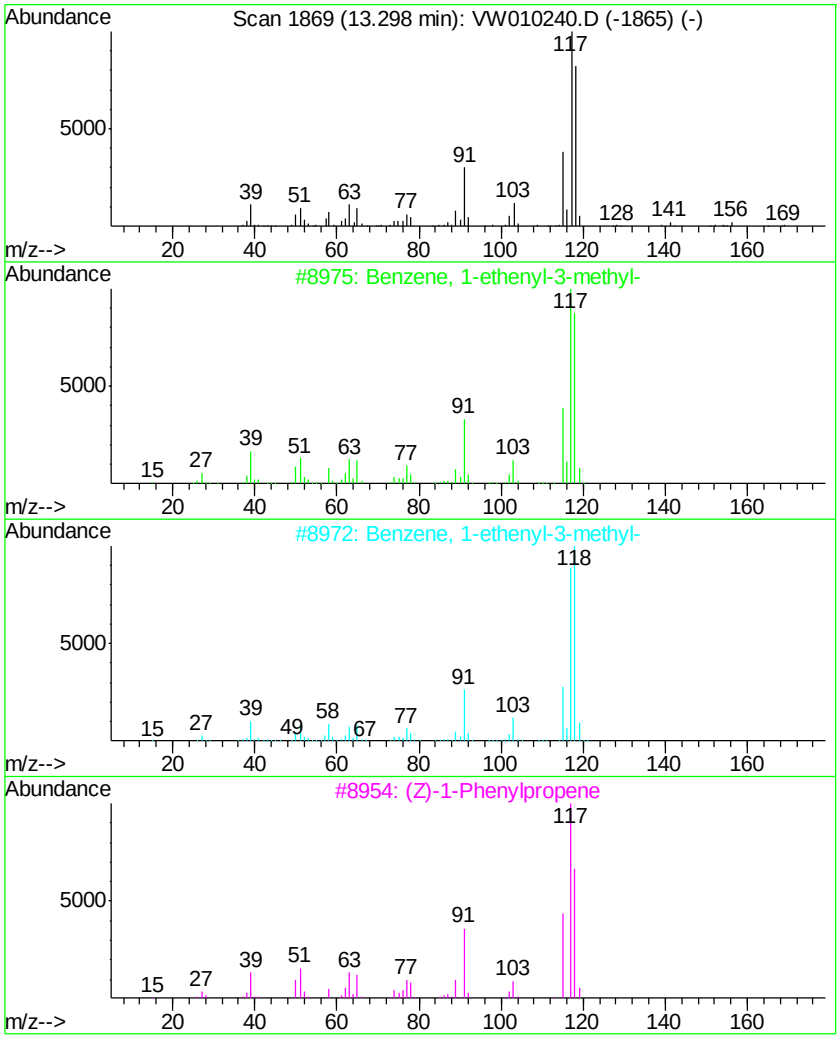
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

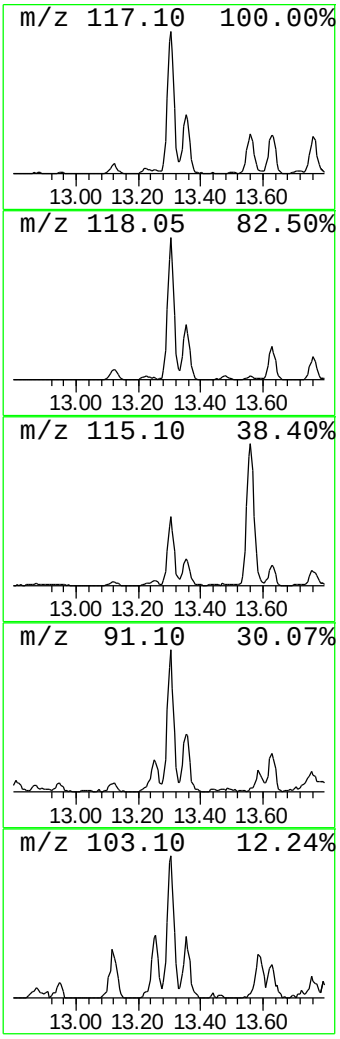
****

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.72 ug/L	293284	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

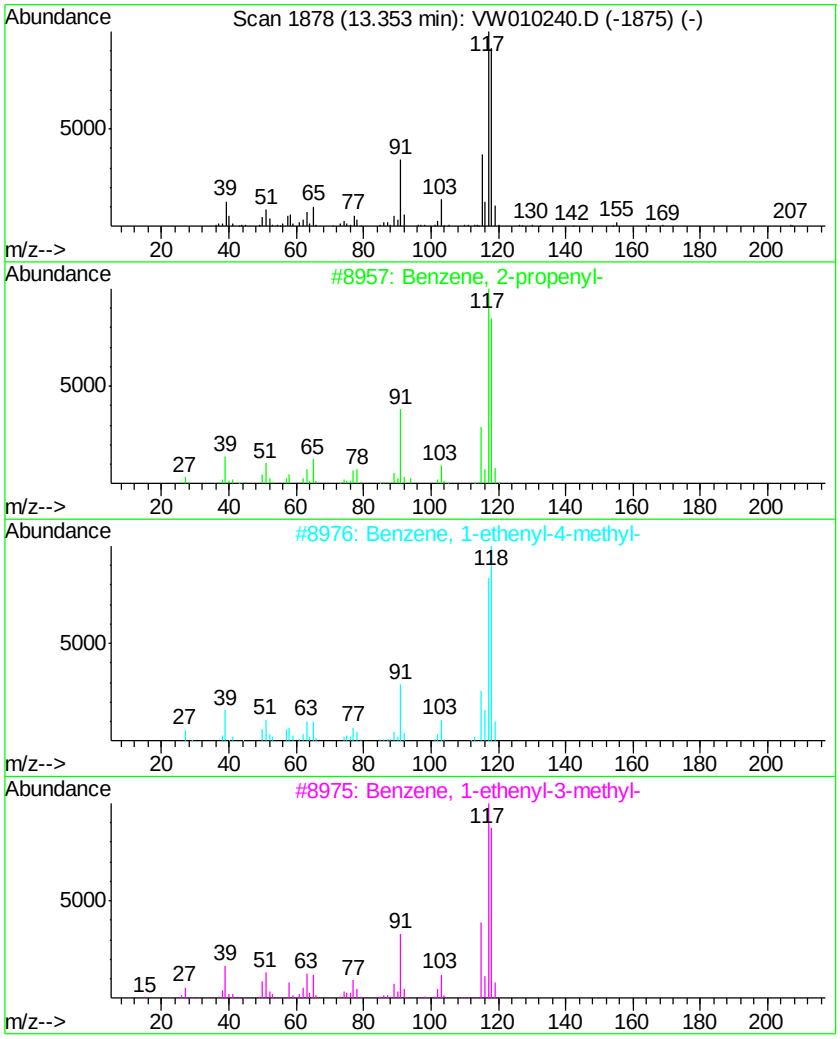
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

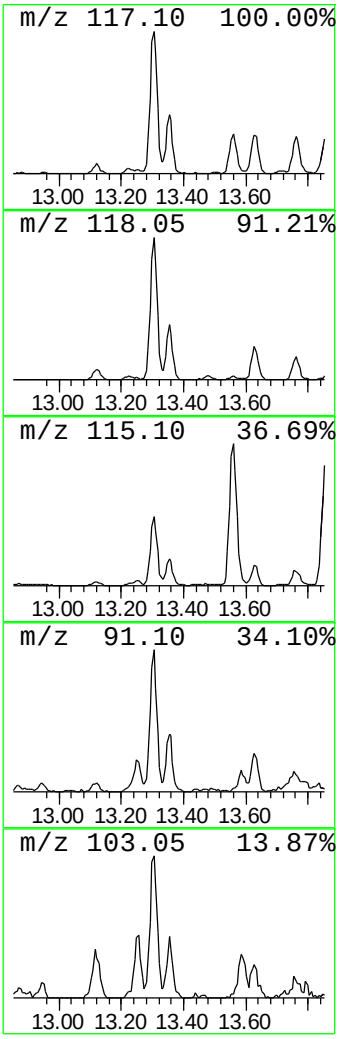
****

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	4.28 ug/L	117070	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90





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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

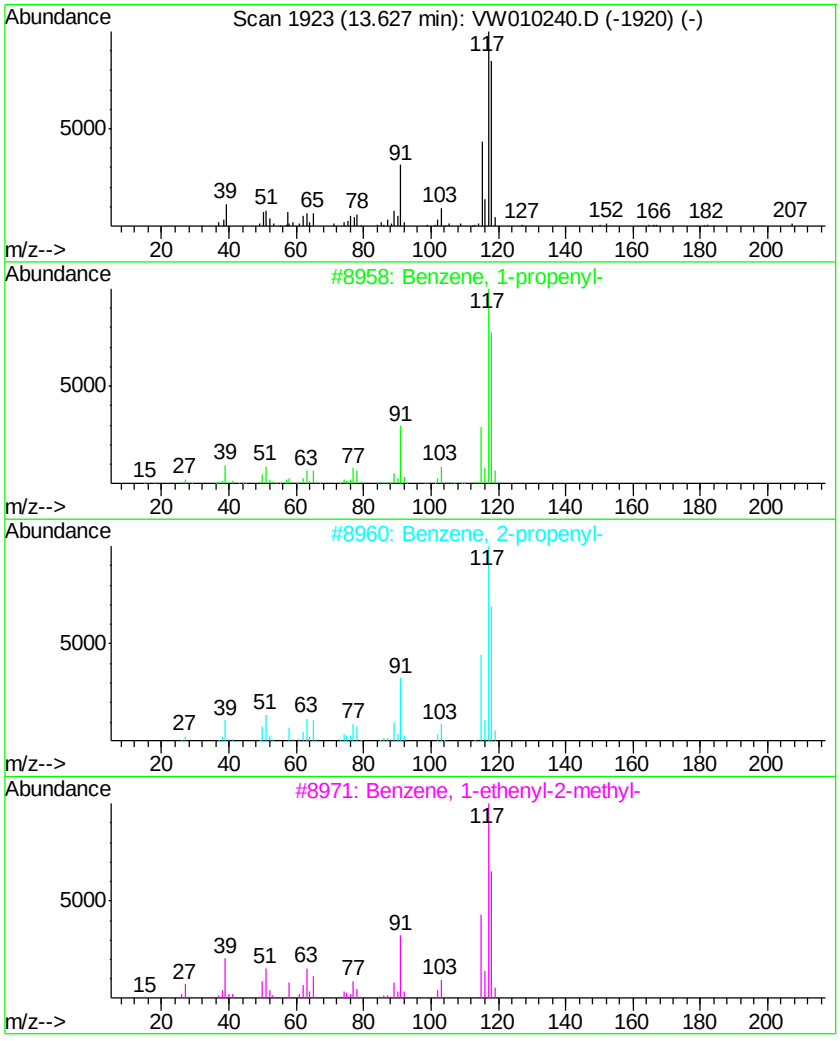
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

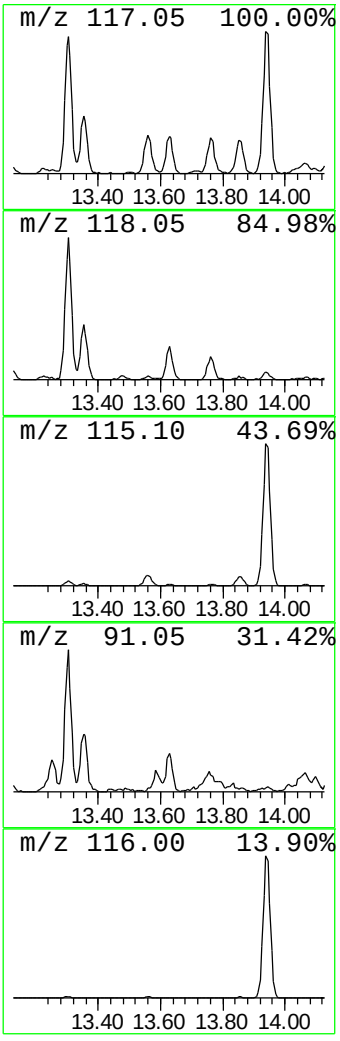
****

Peak Number 8 Benzene, 1-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.78 ug/L	75919	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

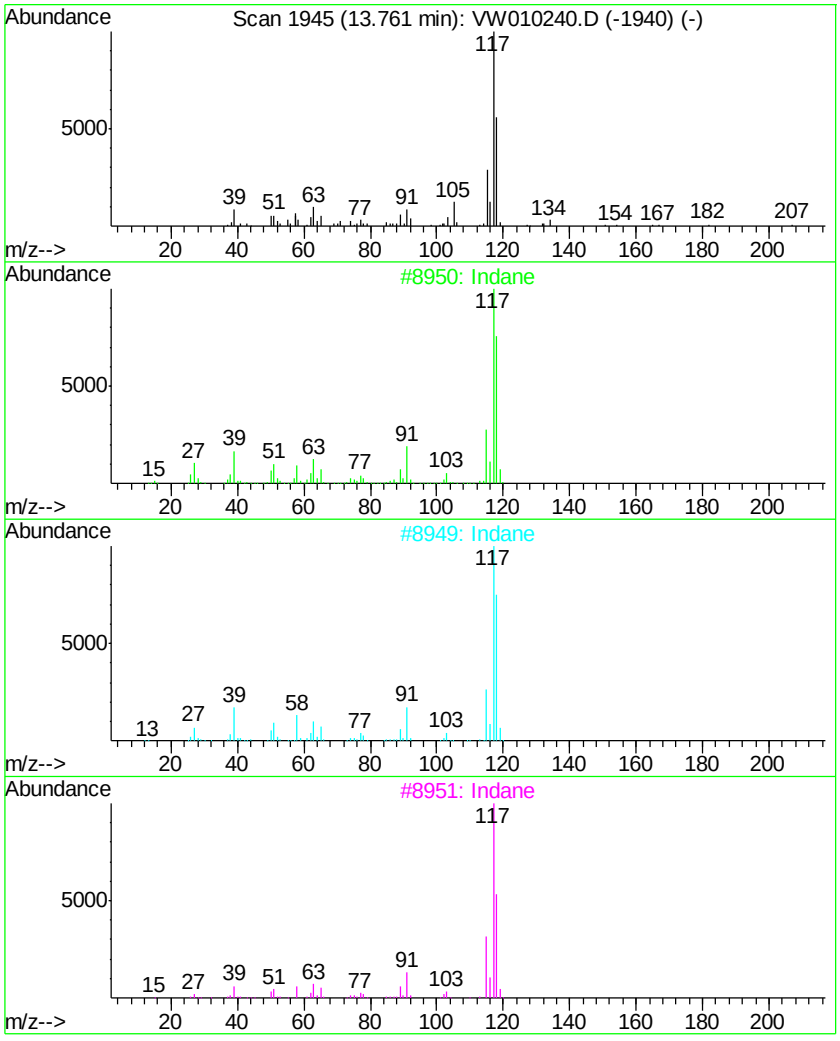
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

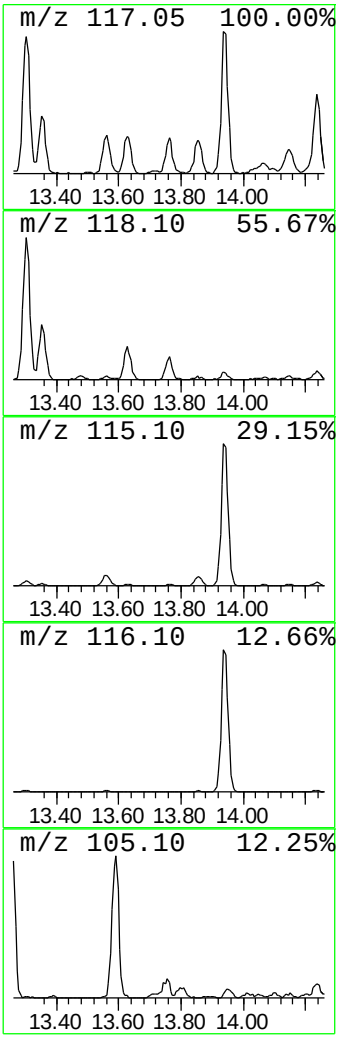
****

Peak Number 9 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.08 ug/L	56874	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	74
2	Indane	118	C9H10	000496-11-7	74
3	Indane	118	C9H10	000496-11-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

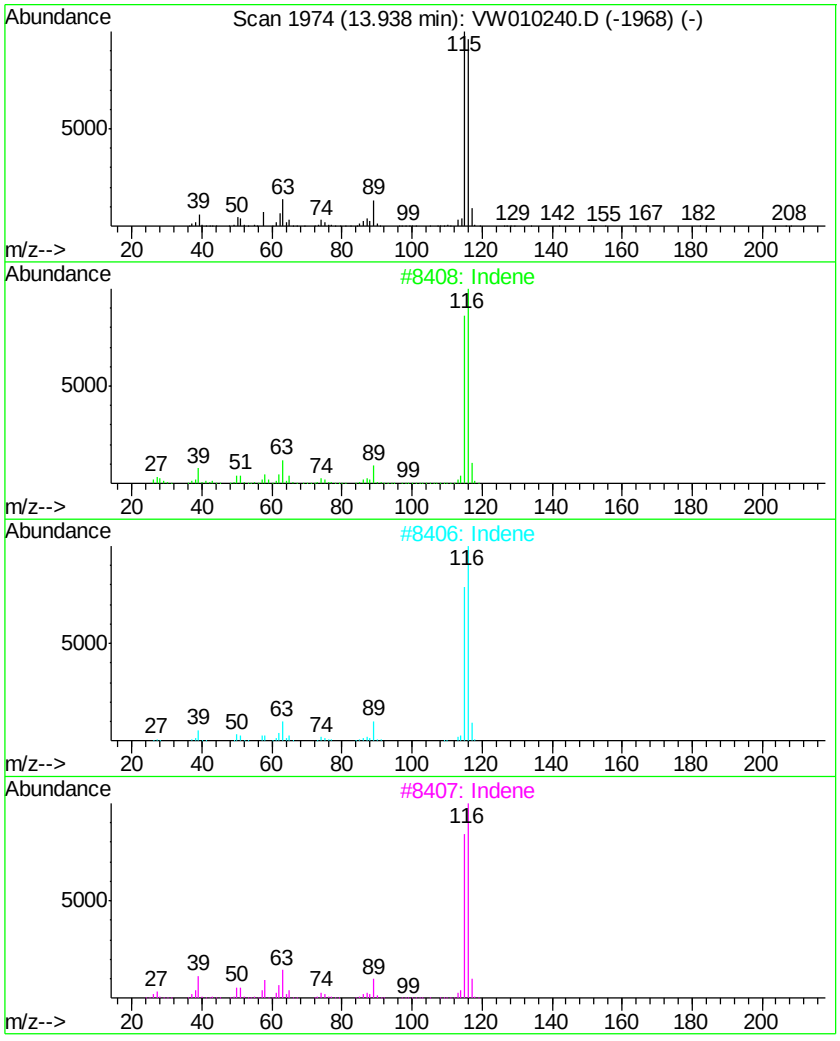
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

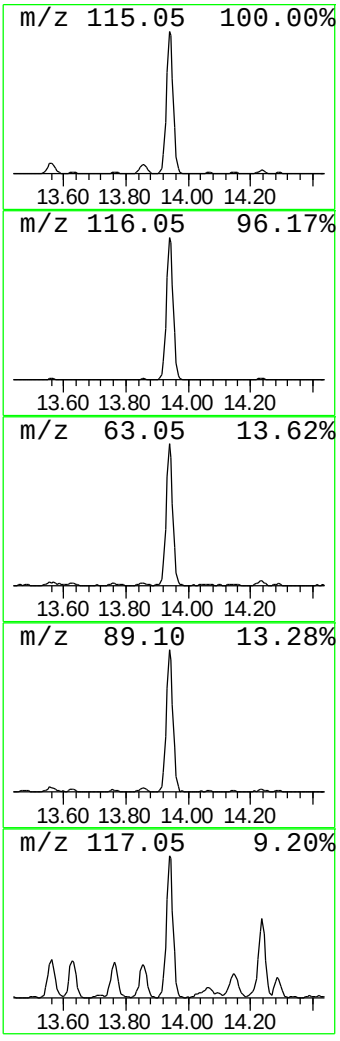
****

Peak Number 10 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	83.62 ug/L	2286820	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	97
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

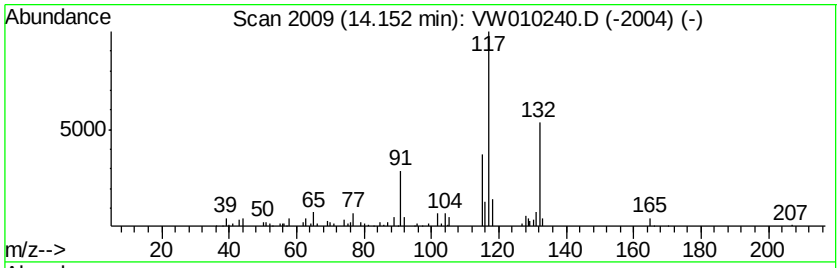
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

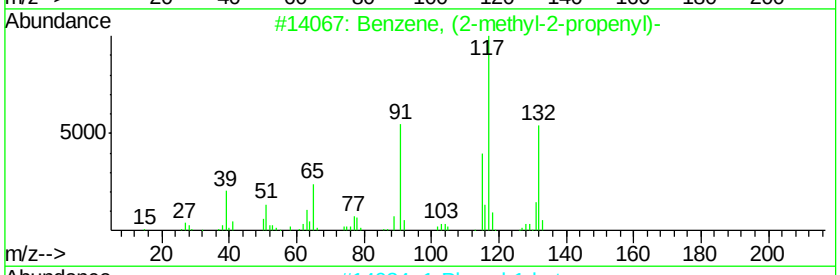
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

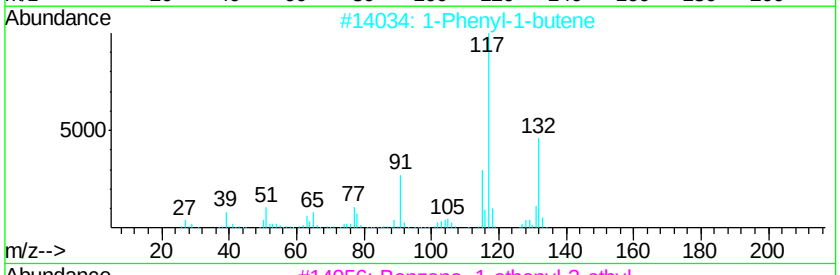
****
Peak Number 11 Benzene, (2-methyl-2-propen... Concentration Rank 19

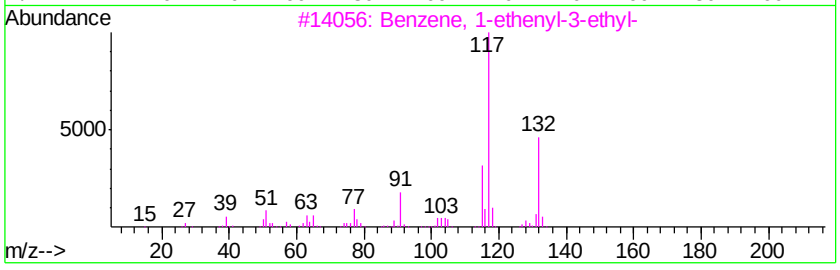
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	1.80 ug/L	49105	1,4-Dichlorobenzene-d4	13.56

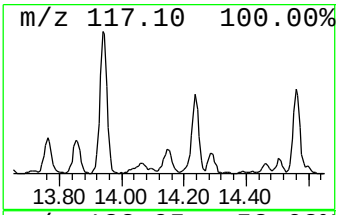
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90

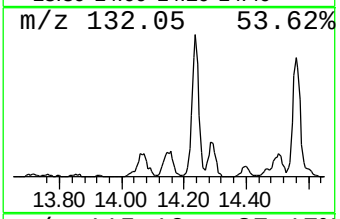


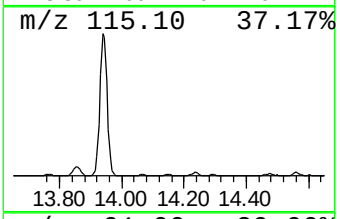


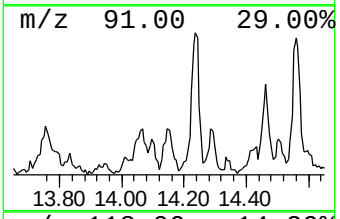


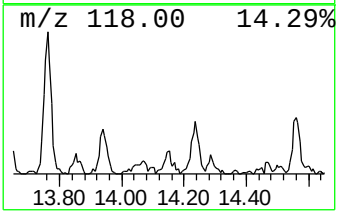












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

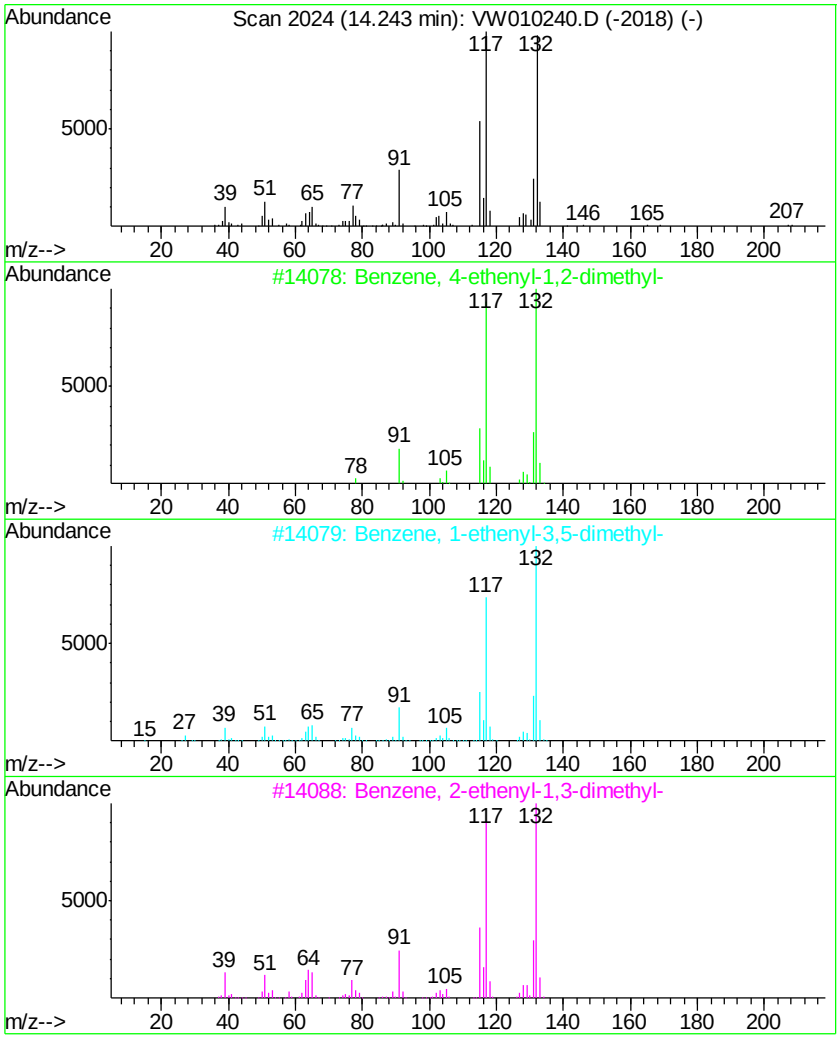
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

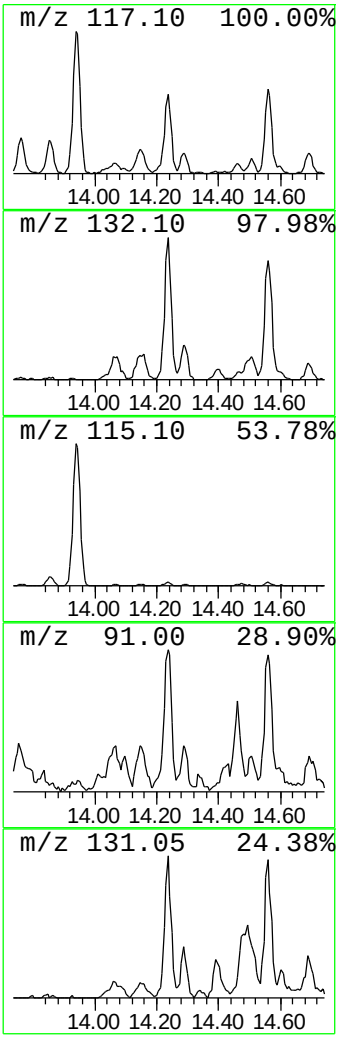
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	6.21 ug/L	169749	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
5	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

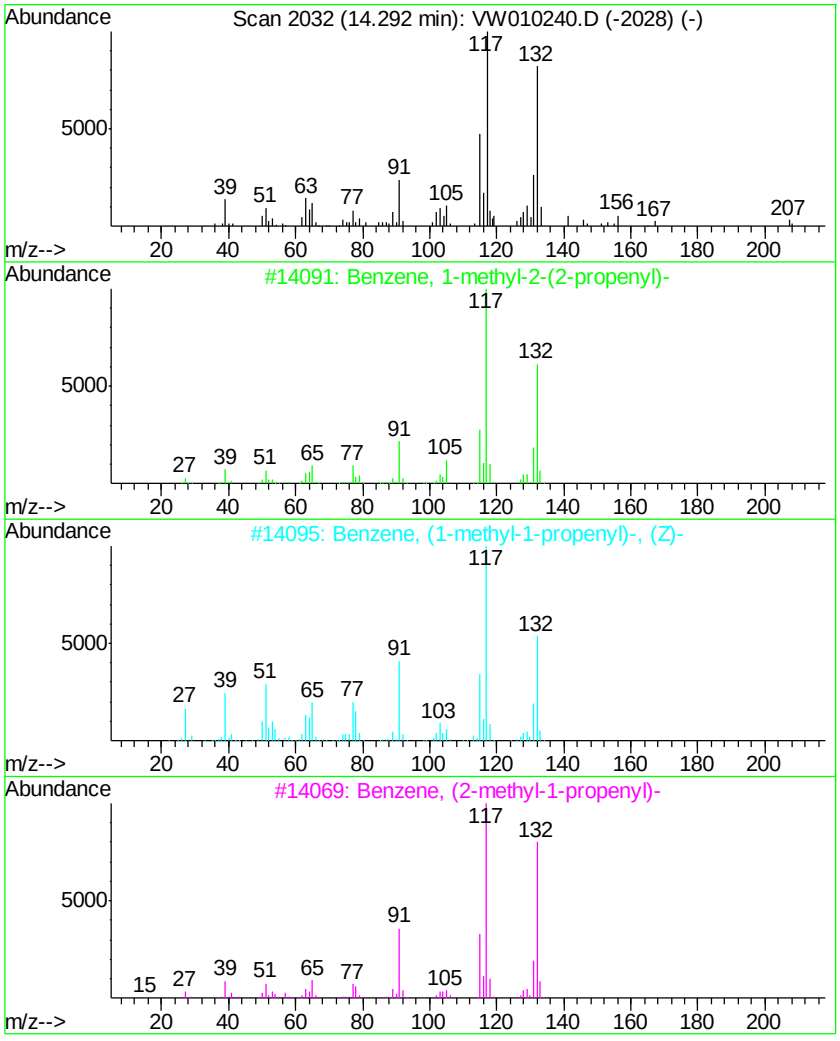
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

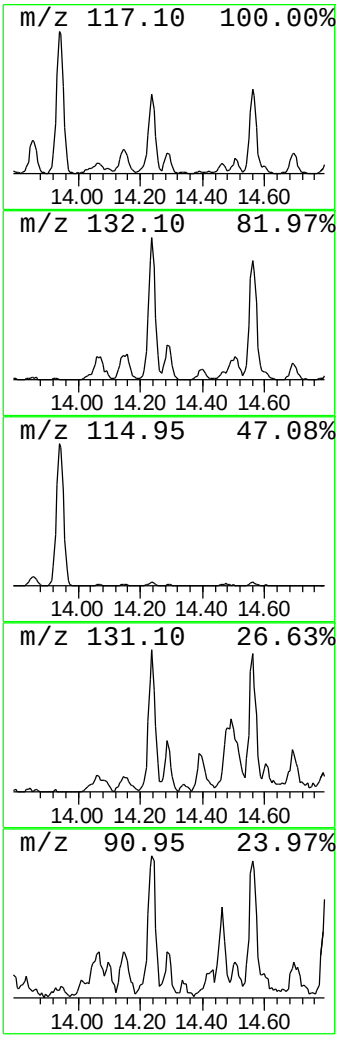
****

Peak Number 13 Benzene, 1-methyl-2-(2-prop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	1.47 ug/L	40176	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93





Library Search Compound Report

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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

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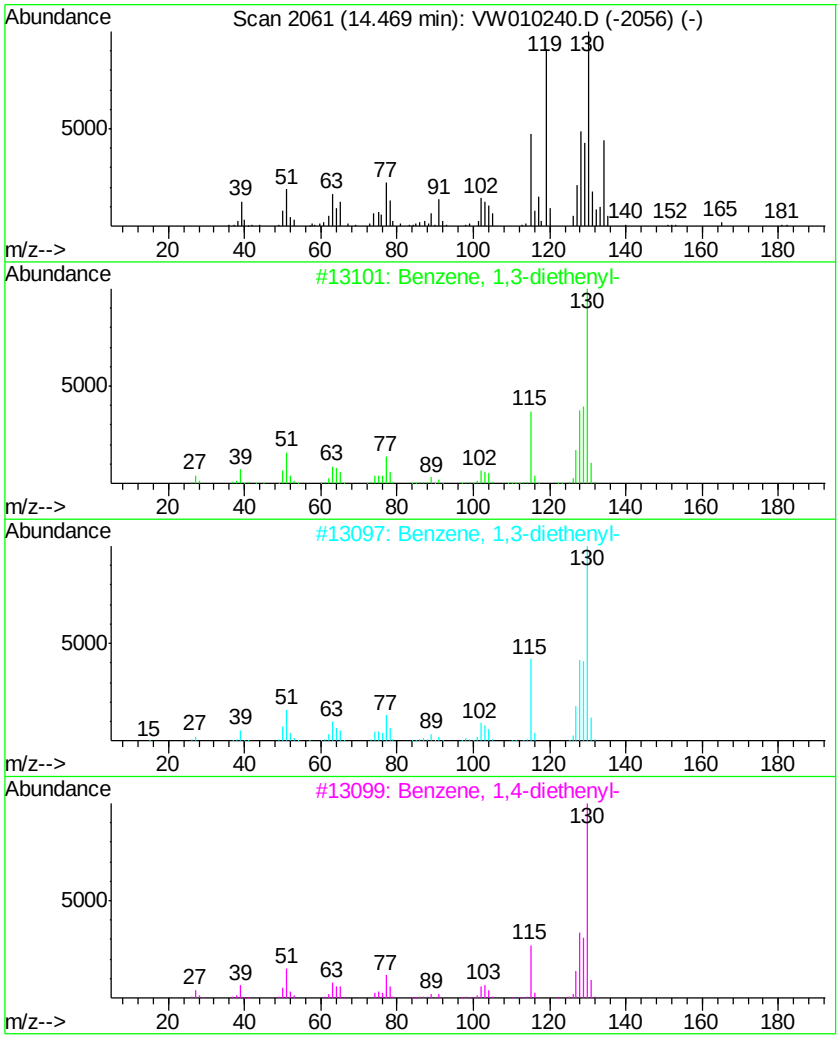
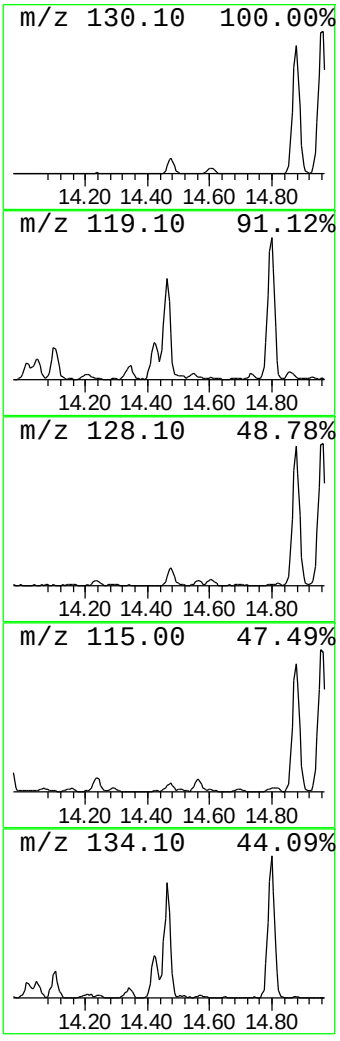
Peak Number 14 Benzene, 1,3-diethenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.89 ug/L	160973	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	86
2	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	86
3	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	52
4	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	46
5	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	46





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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

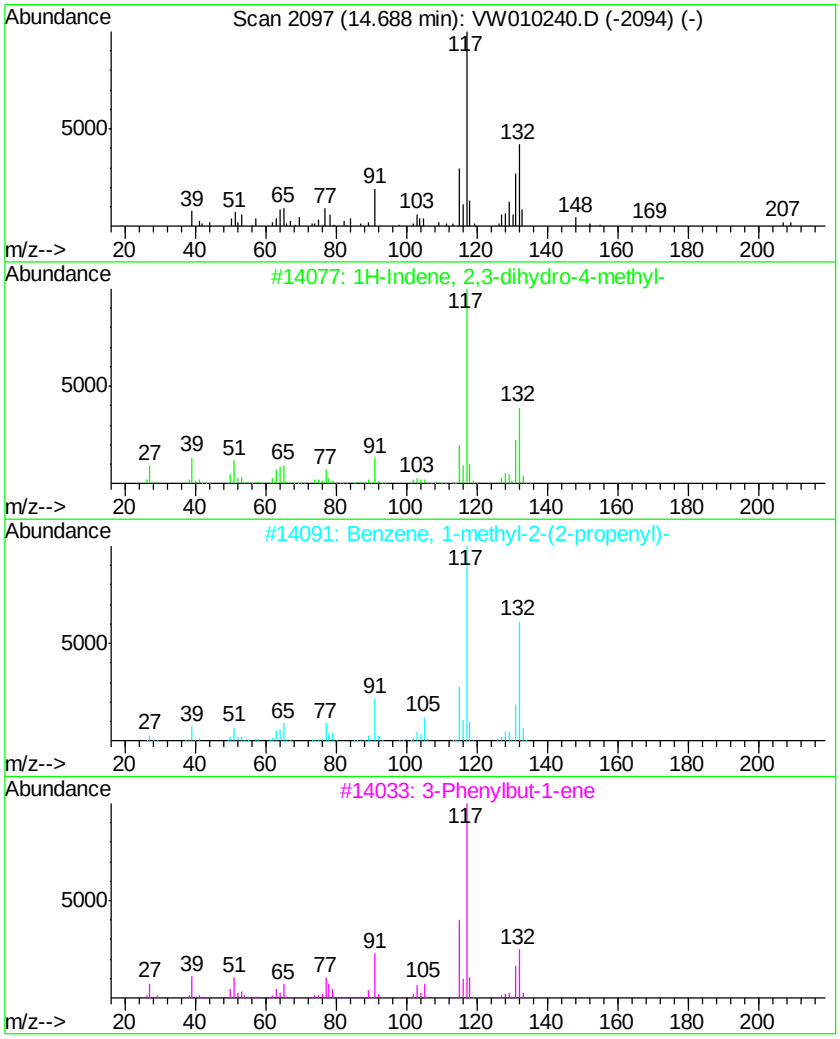
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

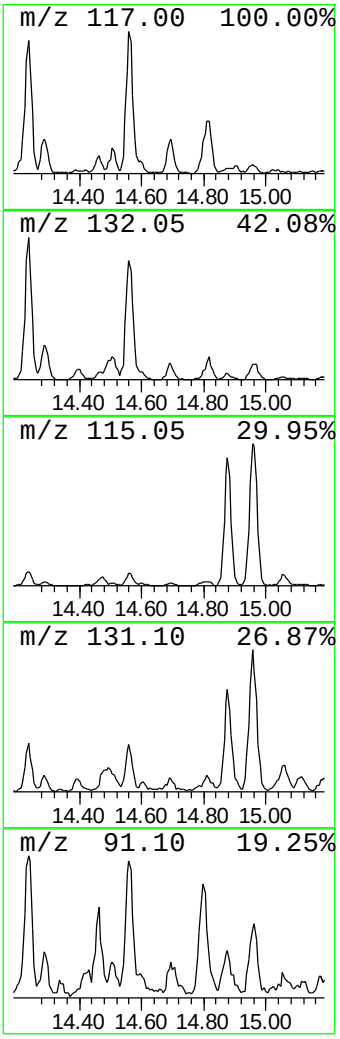
****

Peak Number 15 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	1.33 ug/L	36260	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

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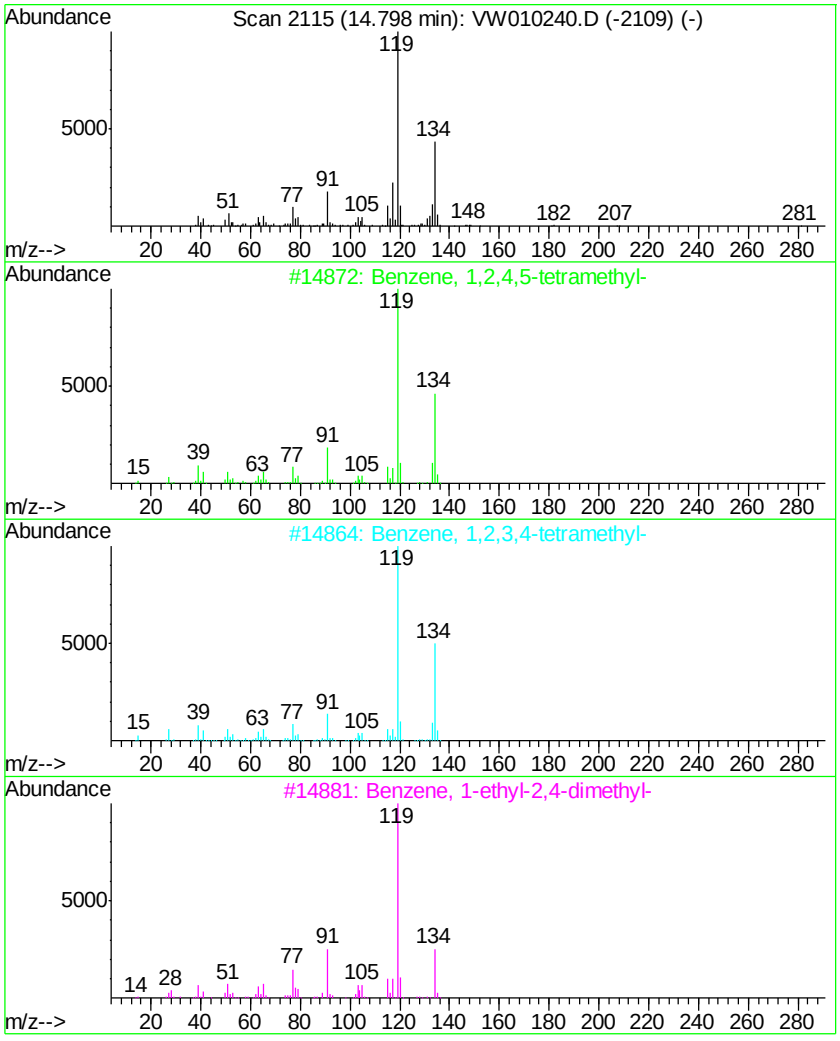
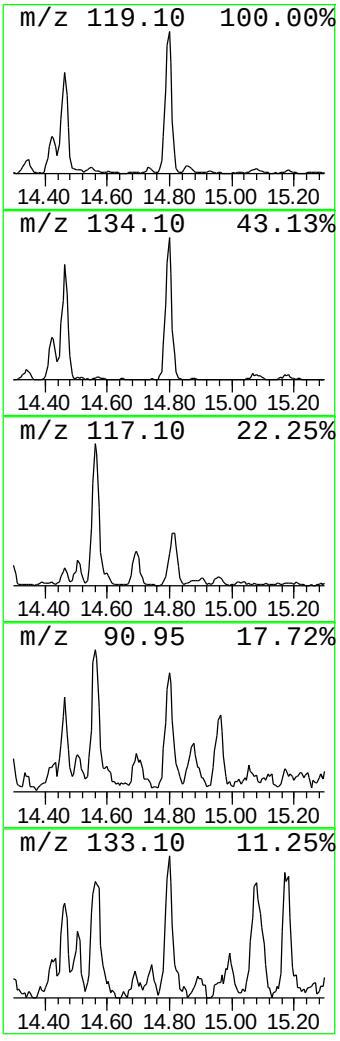
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	6.36 ug/L	173840	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

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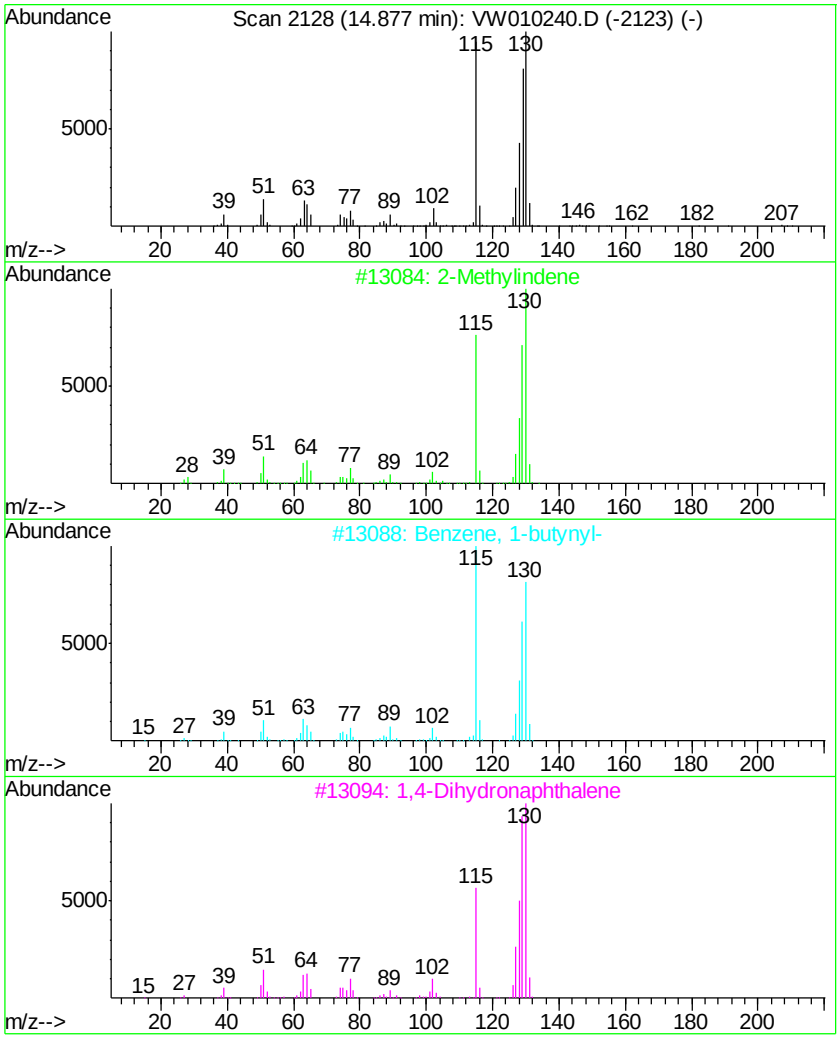
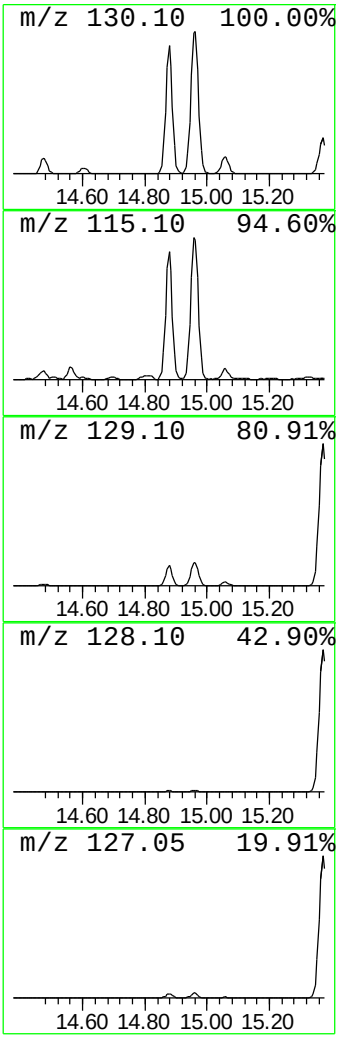
Peak Number 17 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	32.97 ug/L	901608	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

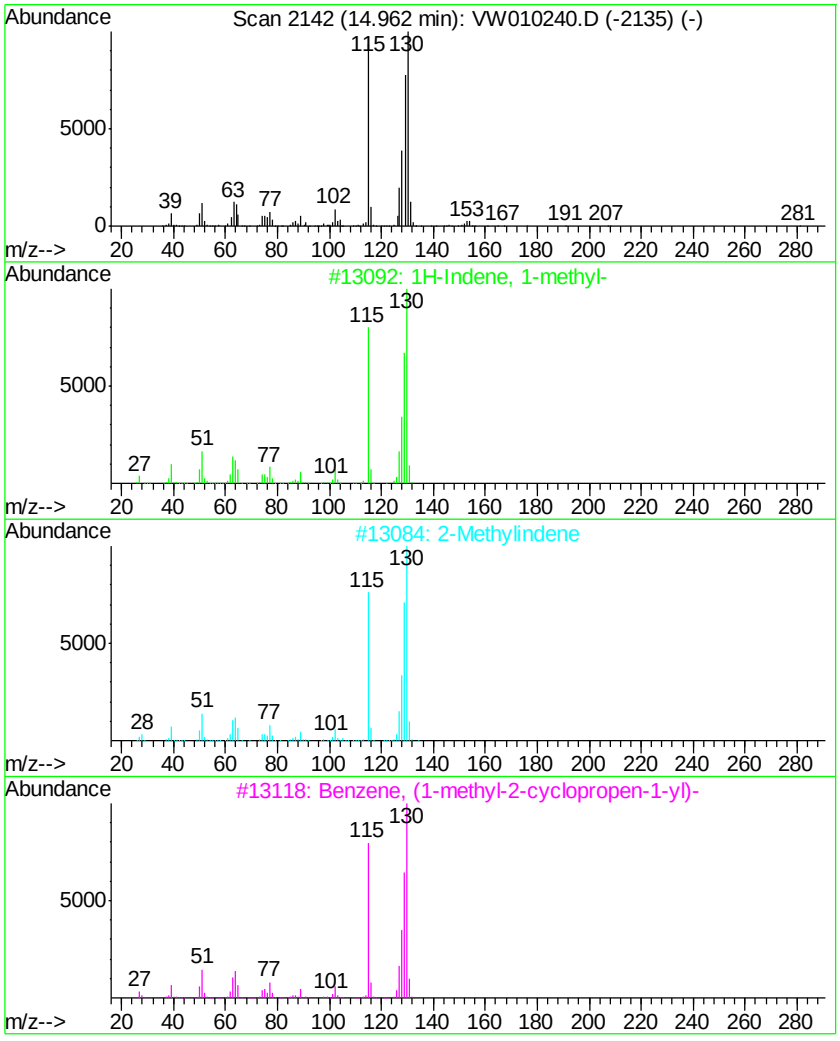
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

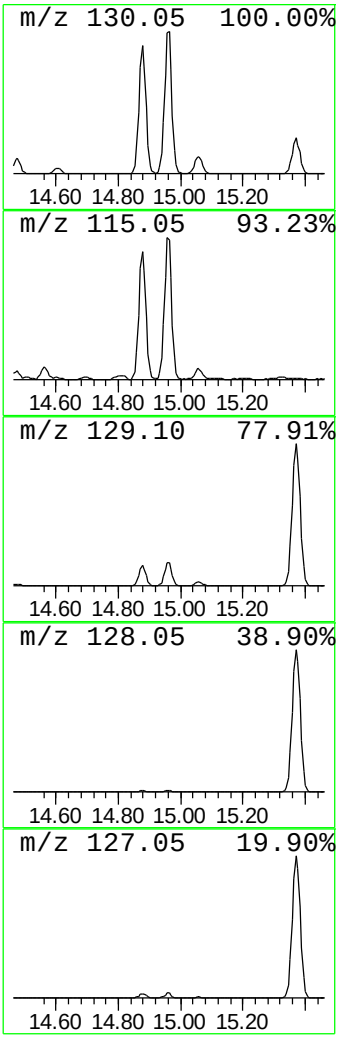
****

Peak Number 18 1H-Indene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	40.49 ug/L	1107200	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

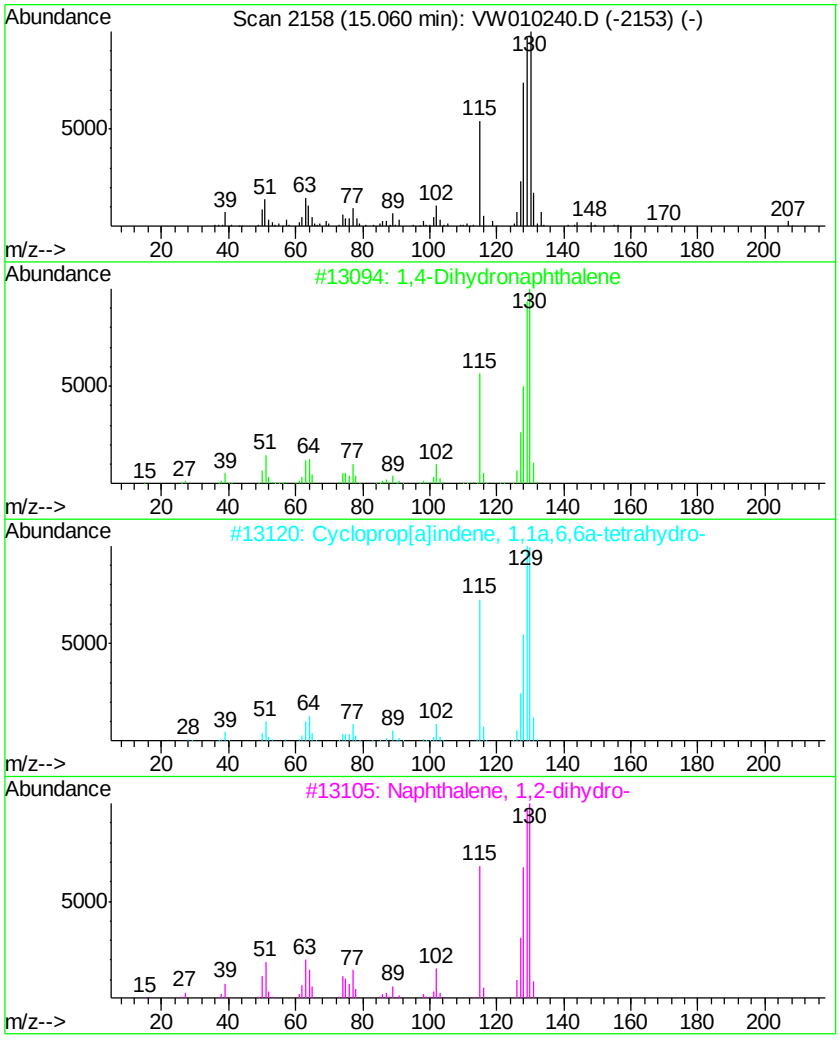
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

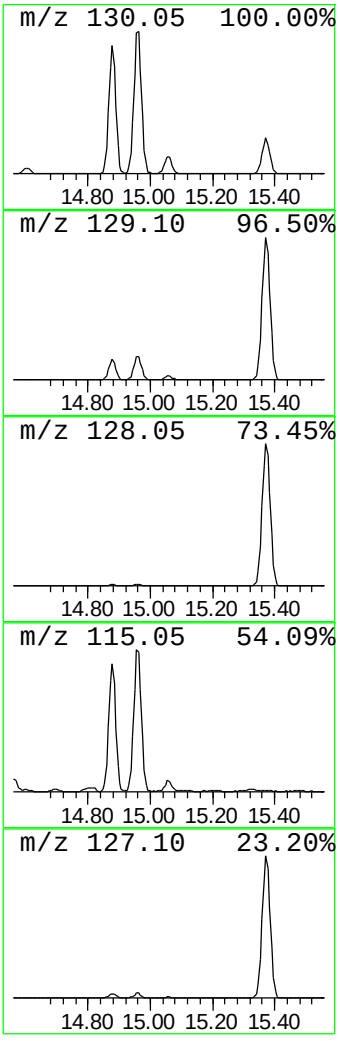
****

Peak Number 19 1,4-Dihydronaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.84 ug/L	132345	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	83
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

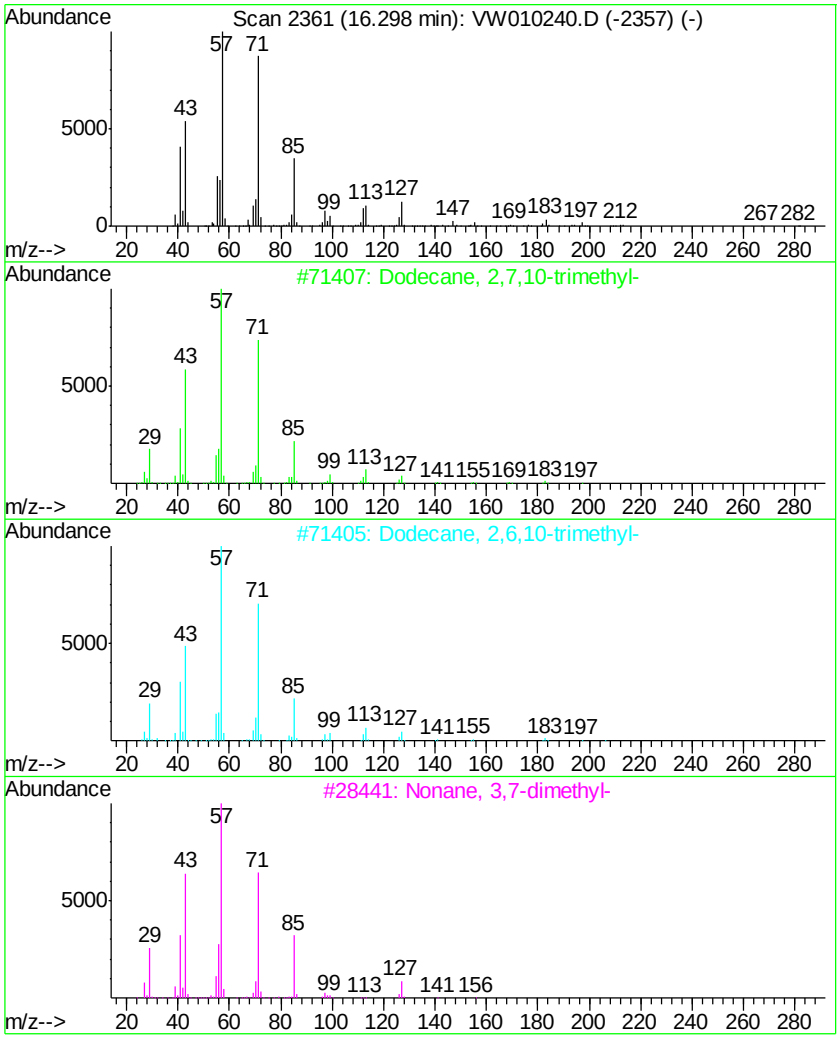
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

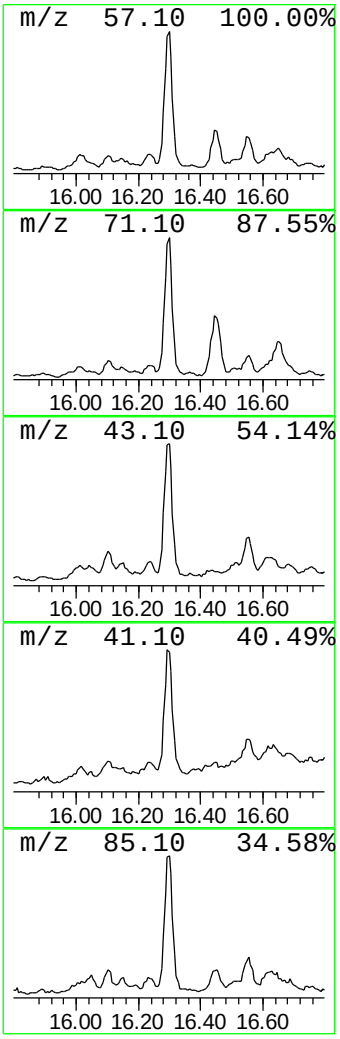
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	36.66 ug/L	1002650	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010240.D
Acq On : 01 May 2019 07:06
Operator : SY/VA
Sample : K2604-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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
Dimethyl ether	2.16	2.5	ug/L	47185	1	8.84	478693	25.0
.alpha.-Methylsty...	13.12	1.3	ug/L	36253	3	13.56	683708	25.0
Benzene, 1-etheny...	13.30	10.7	ug/L	293284	3	13.56	683708	25.0
Benzene, 2-propenyl-	13.35	4.3	ug/L	117070	3	13.56	683708	25.0
Benzene, 1-propenyl-	13.63	2.8	ug/L	75919	3	13.56	683708	25.0
Indane	13.76	2.1	ug/L	56874	3	13.56	683708	25.0
Indene	13.94	83.6	ug/L	2286820	3	13.56	683708	25.0
Benzene, (2-methy...	14.15	1.8	ug/L	49105	3	13.56	683708	25.0
Benzene, 4-etheny...	14.24	6.2	ug/L	169749	3	13.56	683708	25.0
Benzene, 1-methyl...	14.29	1.5	ug/L	40176	3	13.56	683708	25.0
Benzene, 1,3-diet...	14.47	5.9	ug/L	160973	3	13.56	683708	25.0
1H-Indene, 2,3-di...	14.69	1.3	ug/L	36260	3	13.56	683708	25.0
Benzene, 1,2,4,5-...	14.80	6.4	ug/L	173840	3	13.56	683708	25.0
2-Methylindene	14.88	33.0	ug/L	901608	3	13.56	683708	25.0
1H-Indene, 1-methyl-	14.96	40.5	ug/L	1107200	3	13.56	683708	25.0
1,4-Dihydronaphth...	15.06	4.8	ug/L	132345	3	13.56	683708	25.0
(DEL) Alkane: Str...	16.30	36.7	ug/L	1002650	3	13.56	683708	25.0