LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

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\SOM2WLM020520S.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	49	rBV3	16140	34669	0.32%	0.042%
2	2.355	68	74	90	rVB	284115	544407	4.97%	0.656%
3	2.892	154	162	178	rBV	245137	614058	5.60%	0.739%
4	3.830	312	316	319	rBV4	680	974	0.01%	0.001%
5	3.867	319	322	325	rVB4	729	829	0.01%	0.001%
6	3.916	328	330	332	rBV3	1066	920	0.01%	0.001%
7	4.019	332	347	360	rBV	411272	1326732	12.10%	1.598%
8	4.562	435	436	439	rVB3	1074	788	0.01%	0.001%
9	4.592	439	441	442	rBV	1098	1084	0.01%	0.001%
10	4.714	458	461	464	rBV5	952	1005	0.01%	0.001%
11	4.781	469	472	473	rVB2	1029	891	0.01%	0.001%
12	4.916	483	494	508	rBV4	51449	185134	1.69%	0.223%
13	5.105	522	525	526	rBV3	1153	1058	0.01%	0.001%
14	5.159	532	534	535	rBV	1466	901	0.01%	0.001%
15	5.233	544	546	548	rVB3	997	962	0.01%	0.001%
16	5.348	563	565	569	rVB2	993	1166	0.01%	0.001%
17	5.385	569	571	573	rBV2	866	989	0.01%	0.001%
18	5.580	599	603	605	rBV3	674	904	0.01%	0.001%
19	5.604	605	607	612	rVV3	581	862	0.01%	0.001%
20	5.720	623	626	629	rBV2	896	1452	0.01%	0.002%
21	5.787	636	637	640	rVV2	1377	1523	0.01%	0.002%
22	5.873	650	651	654	rBV3	1165	1072	0.01%	0.001%
23	5.934	654	661	671	rVV5	7889	23496	0.21%	0.028%
24	6.062	679	682	684	rVB2	971	862	0.01%	0.001%
25	6.251	710	713	717	rVB2	879	1305	0.01%	0.002%
26	6.330	722	726	728	rVB2	1074	1665	0.02%	0.002%
27	6.367	728	732	734	rBV2	1200	1636	0.01%	0.002%
28	6.397	734	737	740	rBV3	737	1073	0.01%	0.001%
29	6.751	793	795	799	rVB2	796	907	0.01%	0.001%
30	6.976	830	832	835	rBV3	862	1303	0.01%	0.002%
31	7.074	839	848	854	rBV	130620	365245	3.33%	0.440%
32	7.647	930	942	957	rBV	753168	1827914	16.67%	2.201%
33	7.878	978	980	983	rBV4	1246	1659	0.02%	0.002%
34	7.939	986	990	992	rBV4	3046	4489	0.04%	0.005%

LSC Area Percent Report

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Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

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\SOM2WLM020520S.M
Title : VOC Analysis

35	8.061	1003	1010	1012	rBV7	1462	2499	0.02%	0.003%
36	8.183	1028	1030	1033	rBV3	1026	875	0.01%	0.001%
37	8.275	1033	1045	1062	rBV2	1482793	4403702	40.17%	5.303%
38	8.622	1099	1102	1109	rVB6	1632	3054	0.03%	0.004%
39	8.689	1109	1113	1115	rBV5	1694	3077	0.03%	0.004%
40	8.842	1129	1138	1153	rBV	1208603	2360212	21.53%	2.842%
41	9.018	1165	1167	1169	rBV3	936	905	0.01%	0.001%
42	9.153	1185	1189	1190	rBV3	972	1194	0.01%	0.001%
43	9.207	1195	1198	1200	rVV4	1162	1435	0.01%	0.002%
44	9.268	1200	1208	1230	rVV	1070189	2215087	20.20%	2.668%
45	9.659	1267	1272	1278	rVV5	7915	15402	0.14%	0.019%
46	9.768	1288	1290	1292	rVV3	1020	1174	0.01%	0.001%
47	9.872	1304	1307	1310	rBV3	1166	1459	0.01%	0.002%
48	9.896	1310	1311	1314	rVB2	1180	789	0.01%	0.001%
49	9.945	1316	1319	1321	rBV4	1329	1424	0.01%	0.002%
50	10.031	1325	1333	1342	rBV	458745	830877	7.58%	1.001%
51	10.122	1345	1348	1357	rVV5	6445	13074	0.12%	0.016%
52	10.207	1358	1362	1367	rVB4	4464	7925	0.07%	0.010%
53	10.323	1372	1381	1387	rBV	1920425	3358231	30.63%	4.044%
54	10.384	1387	1391	1399	rVB	118448	209757	1.91%	0.253%
55	10.506	1407	1411	1414	rVB4	2231	3520	0.03%	0.004%
56	10.579	1415	1423	1431	rBV	298248	525629	4.79%	0.633%
57	10.701	1437	1443	1449	rVB	52607	95783	0.87%	0.115%
58	10.860	1464	1469	1473	rBV5	6478	12475	0.11%	0.015%
59	10.921	1473	1479	1492	rVV	539254	932914	8.51%	1.123%
60	11.061	1496	1502	1513	rVV2	82412	150945	1.38%	0.182%
61	11.177	1516	1521	1526	rVV8	6595	11417	0.10%	0.014%
62	11.225	1526	1529	1534	rVB5	3234	5096	0.05%	0.006%
63	11.347	1544	1549	1551	rVB6	1669	2699	0.02%	0.003%
64	11.433	1559	1563	1570	rVB3	14280	25320	0.23%	0.030%
65	11.506	1571	1575	1581	rVB7	1674	2857	0.03%	0.003%
66	11.628	1587	1595	1605	rBV	1602716	2646475	24.14%	3.187%
67	11.731	1605	1612	1621	rVV	216626	361431	3.30%	0.435%
68	11.841	1623	1630	1640	rVB	75481	144003	1.31%	0.173%
69	11.969	1648	1651	1652	rBV3	1327	1414	0.01%	0.002%
70	12.170	1671	1684	1694	rBV3	172349	388539	3.54%	0.468%
71	12.359	1708	1715	1722	rVB6	14040	40008	0.36%	0.048%

LSC Area Percent Report

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Sample : L1324-13
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

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\SOM2WLM020520S.M
Title : VOC Analysis

72	12.463	1727	1732	1737	rVV	21021	34277	0.31%	0.041%
73	12.603	1751	1755	1761	rVB	51354	84553	0.77%	0.102%
74	12.689	1761	1769	1779	rBV	709856	1206166	11.00%	1.453%
75	12.780	1779	1784	1792	rVB3	32841	72069	0.66%	0.087%
76	12.865	1792	1798	1800	rBV2	40814	68588	0.63%	0.083%
77	12.902	1800	1804	1806	rVV	93473	154589	1.41%	0.186%
78	12.939	1806	1810	1823	rVB2	152631	313364	2.86%	0.377%
79	13.103	1830	1837	1843	rBV2	42424	104185	0.95%	0.125%
80	13.164	1843	1847	1854	rBV5	30374	60604	0.55%	0.073%
81	13.249	1855	1861	1865	rBV	328603	505707	4.61%	0.609%
82	13.298	1865	1869	1874	rVB	225458	339106	3.09%	0.408%
83	13.347	1874	1877	1881	rBV2	32760	49045	0.45%	0.059%
84	13.438	1889	1892	1896	rVB5	40355	57800	0.53%	0.070%
85	13.554	1905	1911	1920	rBV2	1160278	2173622	19.83%	2.618%
86	13.694	1931	1934	1938	rBV4	36431	60488	0.55%	0.073%
87	13.755	1939	1944	1947	rBV2	167383	283977	2.59%	0.342%
88	13.853	1954	1960	1968	rBV	1219786	2409872	21.98%	2.902%
89	13.938	1968	1974	1979	rBV	1023478	1623707	14.81%	1.955%
90	14.548	2070	2074	2079	rVB4	335204	510652	4.66%	0.615%
91	14.725	2098	2103	2109	rVB	1109092	1652208	15.07%	1.990%
92	14.798	2111	2115	2118	rVV3	410473	766794	6.99%	0.923%
93	14.841	2118	2122	2132	rVB2	1280796	2631854	24.01%	3.169%
94	15.249	2186	2189	2196	rVB2	862054	1341169	12.23%	1.615%
95	15.328	2197	2202	2204	rVV	2667572	4329652	39.49%	5.214%
96	15.365	2204	2208	2217	rVB	4765292	8766989	79.97%	10.558%
97	15.554	2234	2239	2248	rVB	6194848	9761051	89.03%	11.755%
98	15.731	2264	2268	2276	rVB3	1608522	2945066	26.86%	3.547%
99	16.285	2354	2359	2367	rVB	3291559	6031280	55.01%	7.263%
100	16.493	2388	2393	2399	rBV	6394872	10963242	100.00%	13.203%

Sum of corrected areas: 83038287

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
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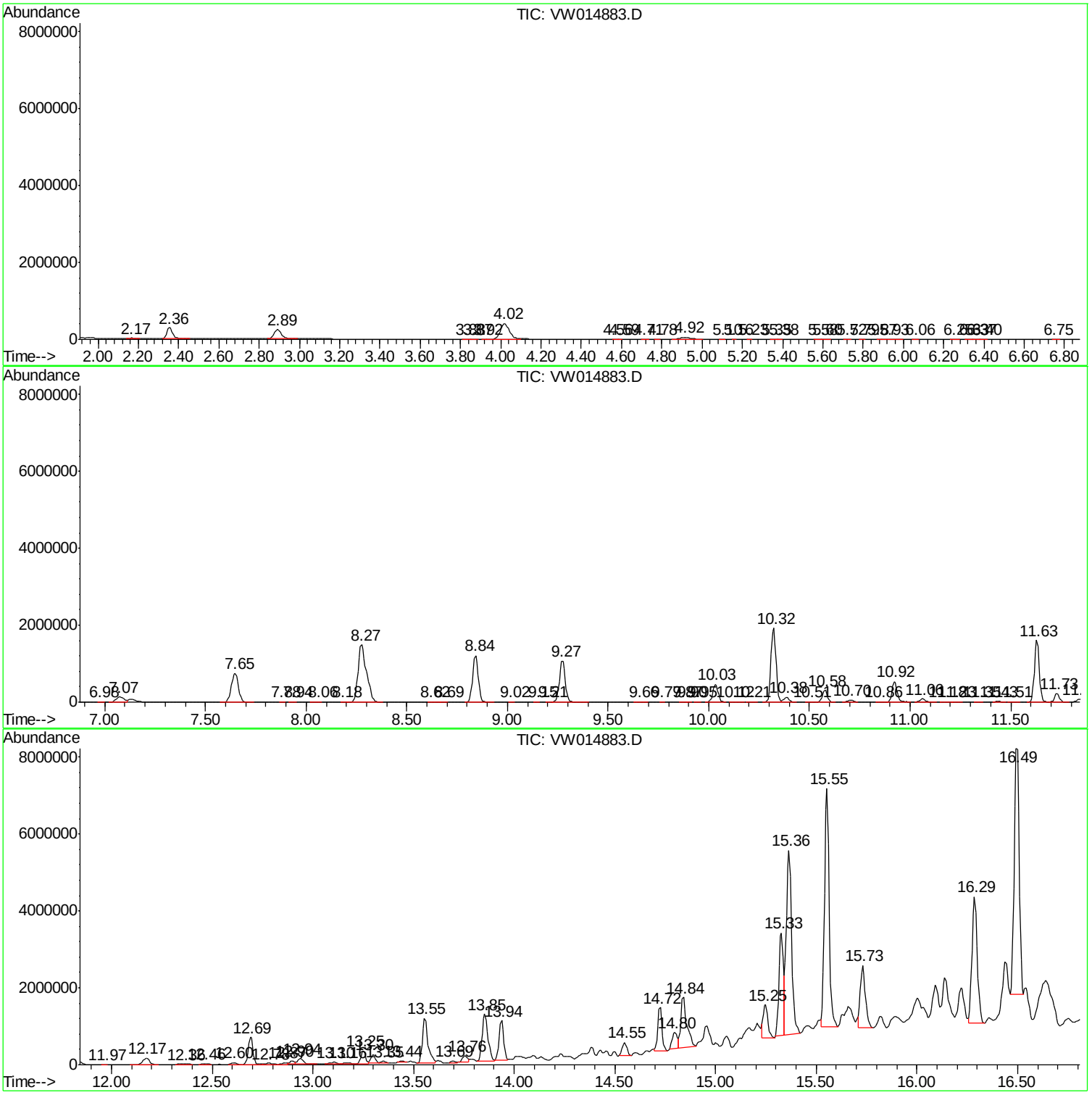
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.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\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
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Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

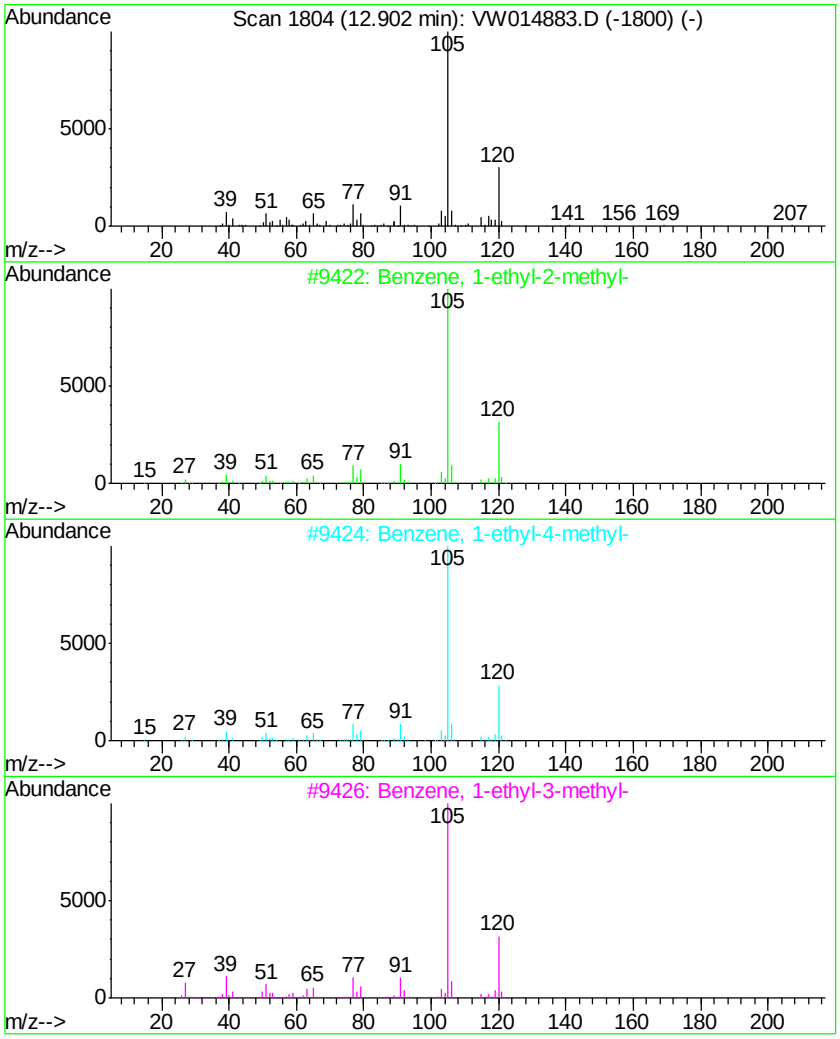
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

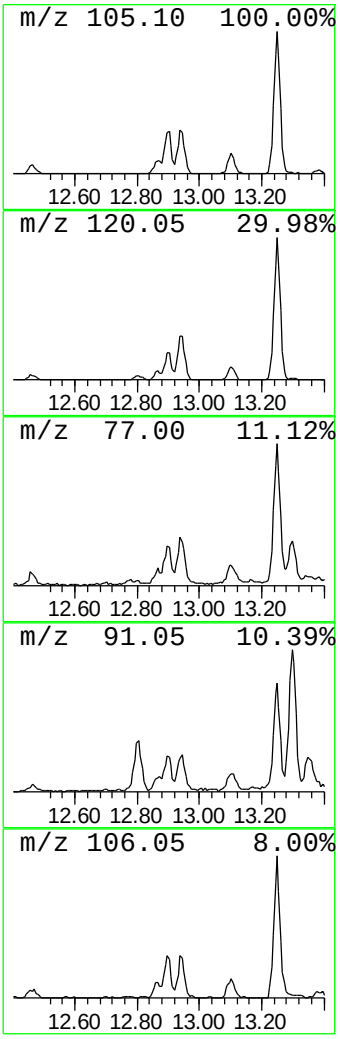
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	1.78 ug/L	154589	1,4-Dichlorobenzene-d4	13.55

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

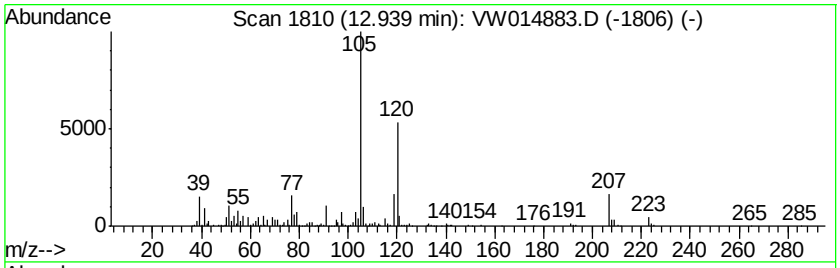
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

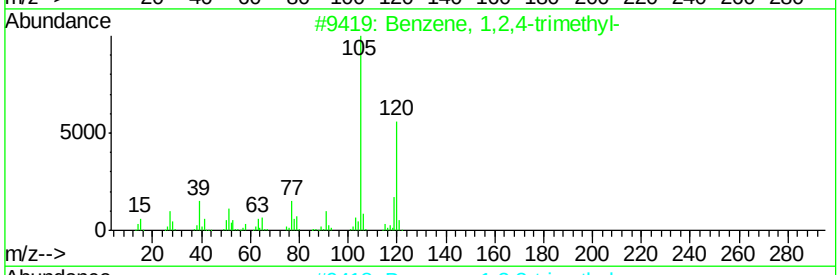
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

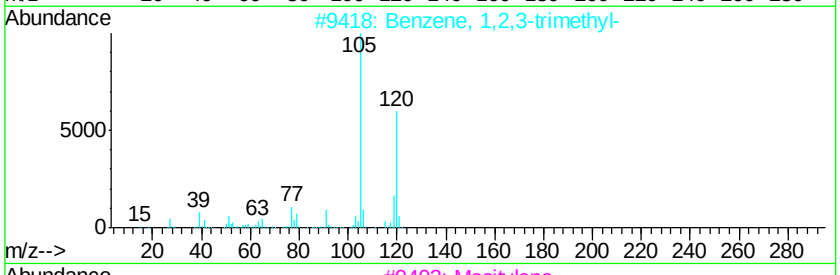
****
Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 16

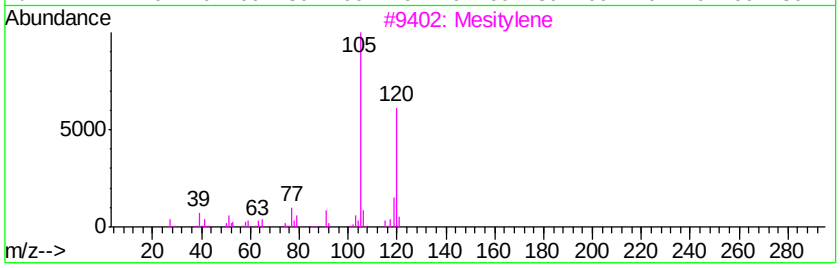
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.60 ug/L	313364	1,4-Dichlorobenzene-d4	13.55

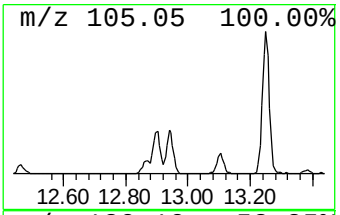
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
3	Mesitylene	120	C9H12	000108-67-8	81
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
5	Mesitylene	120	C9H12	000108-67-8	81

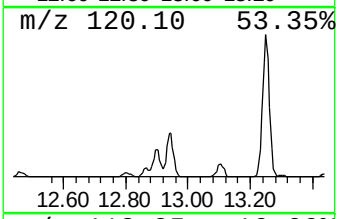


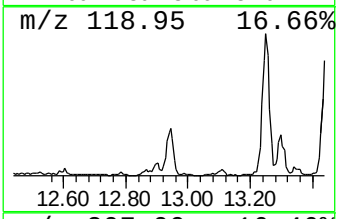


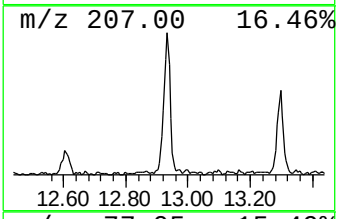


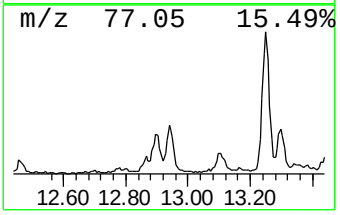












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Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

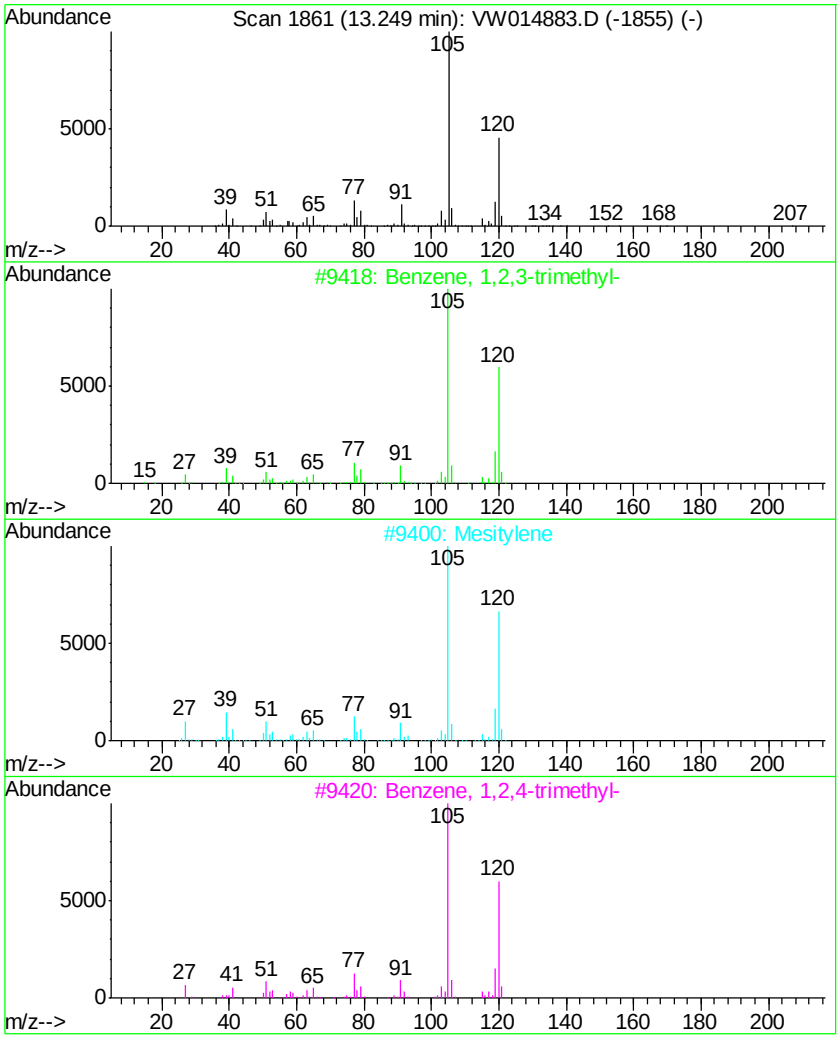
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

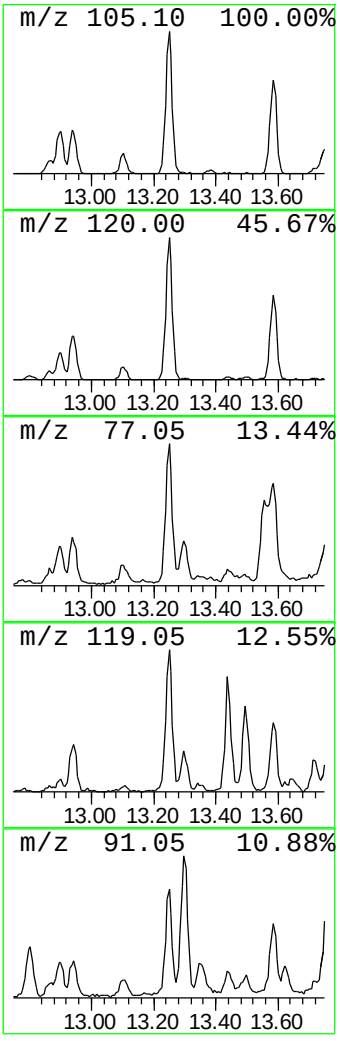
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.82 ug/L	505707	1,4-Dichlorobenzene-d4	13.55

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	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
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Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

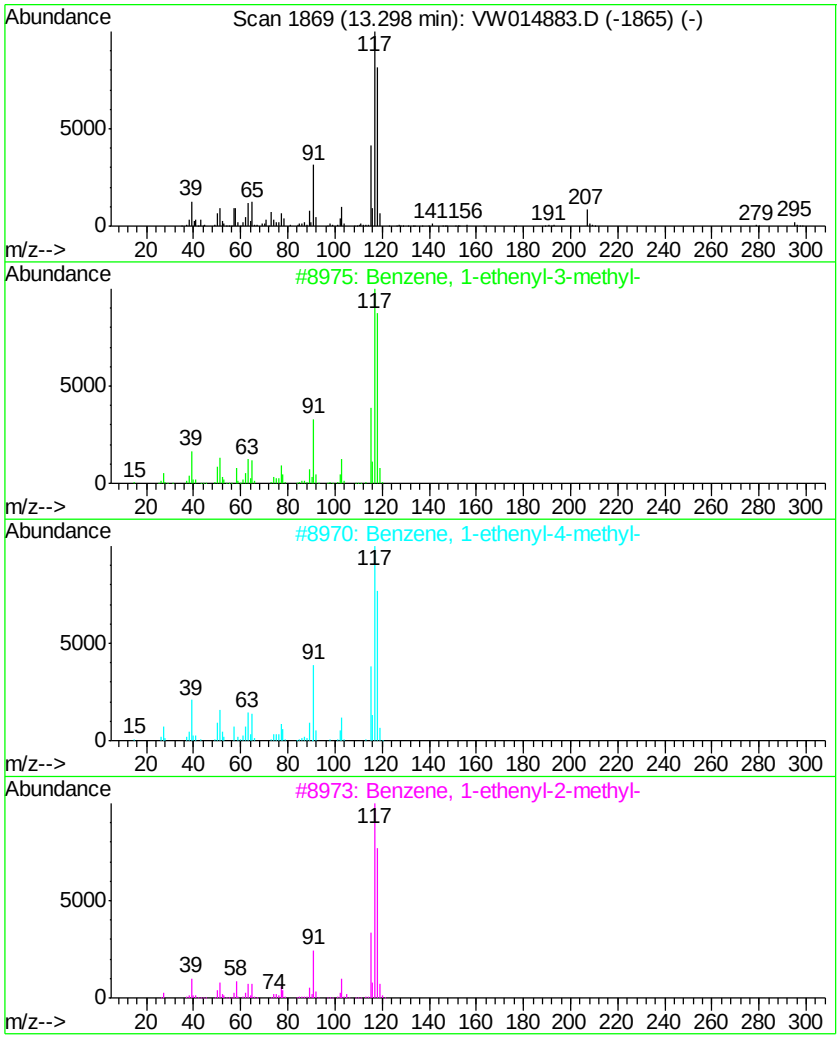
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

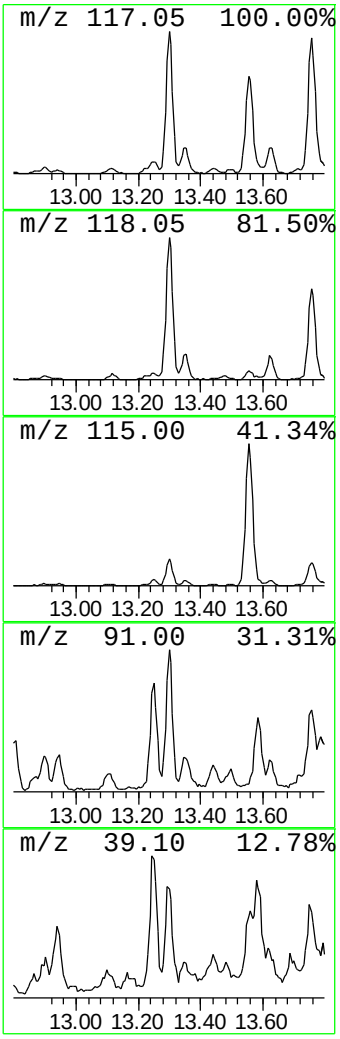
****

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.90 ug/L	339106	1,4-Dichlorobenzene-d4	13.55

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-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93





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Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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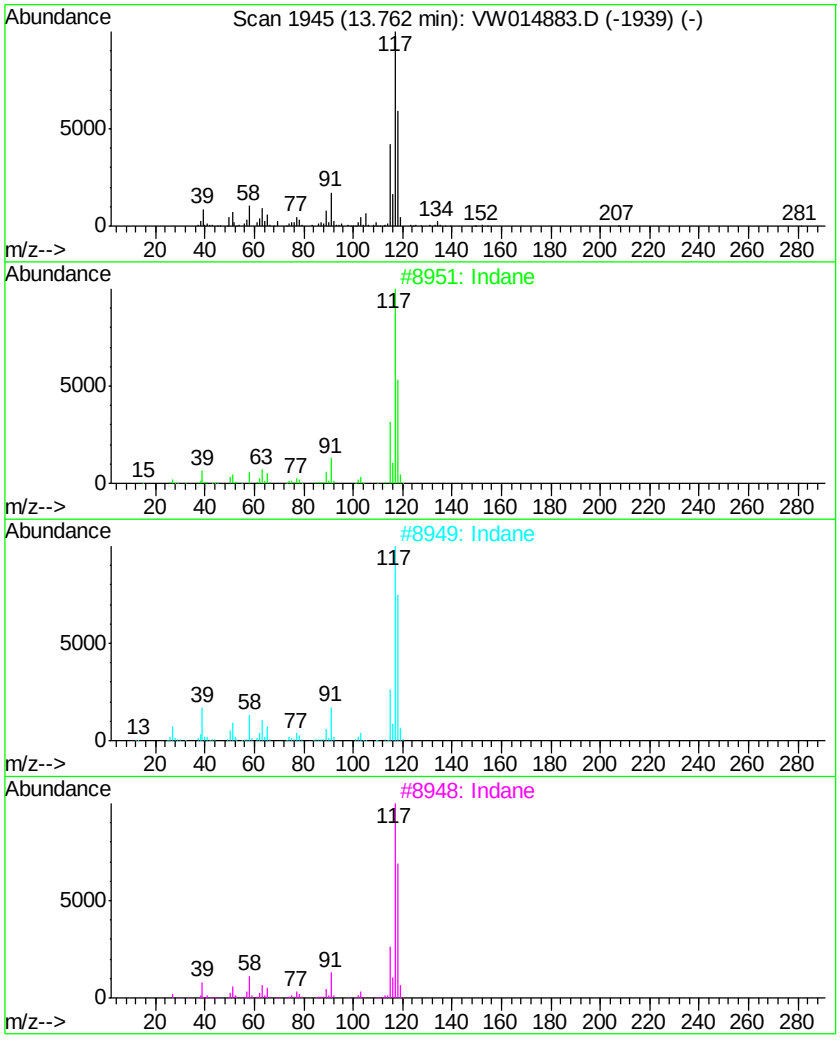
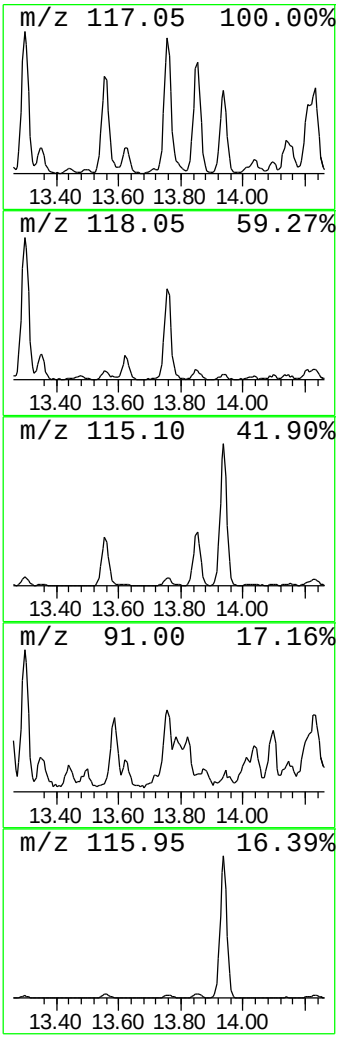
Peak Number 7 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.27 ug/L	283977	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	89
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68





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Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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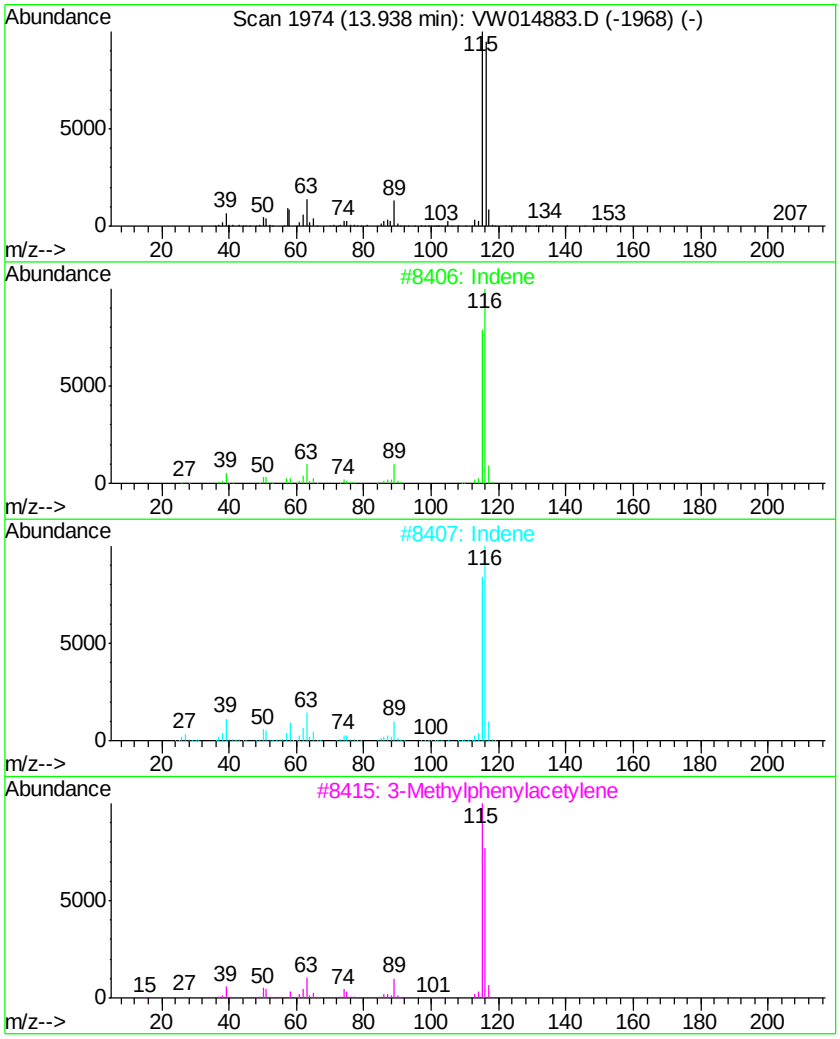
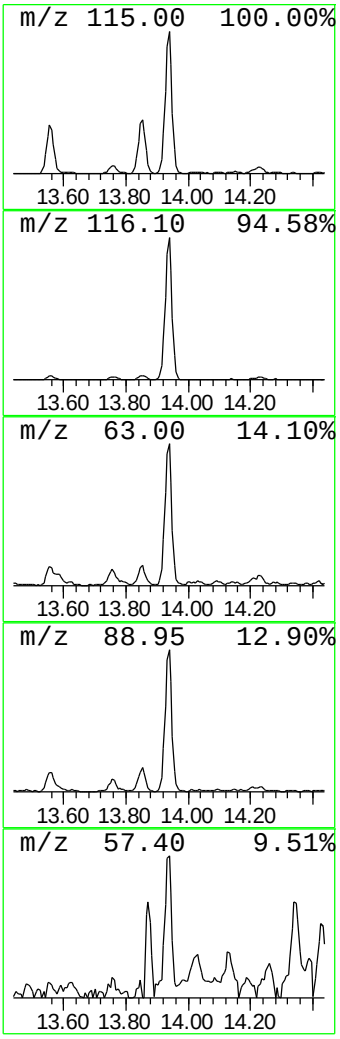
Peak Number 8 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	18.68 ug/L	1623710	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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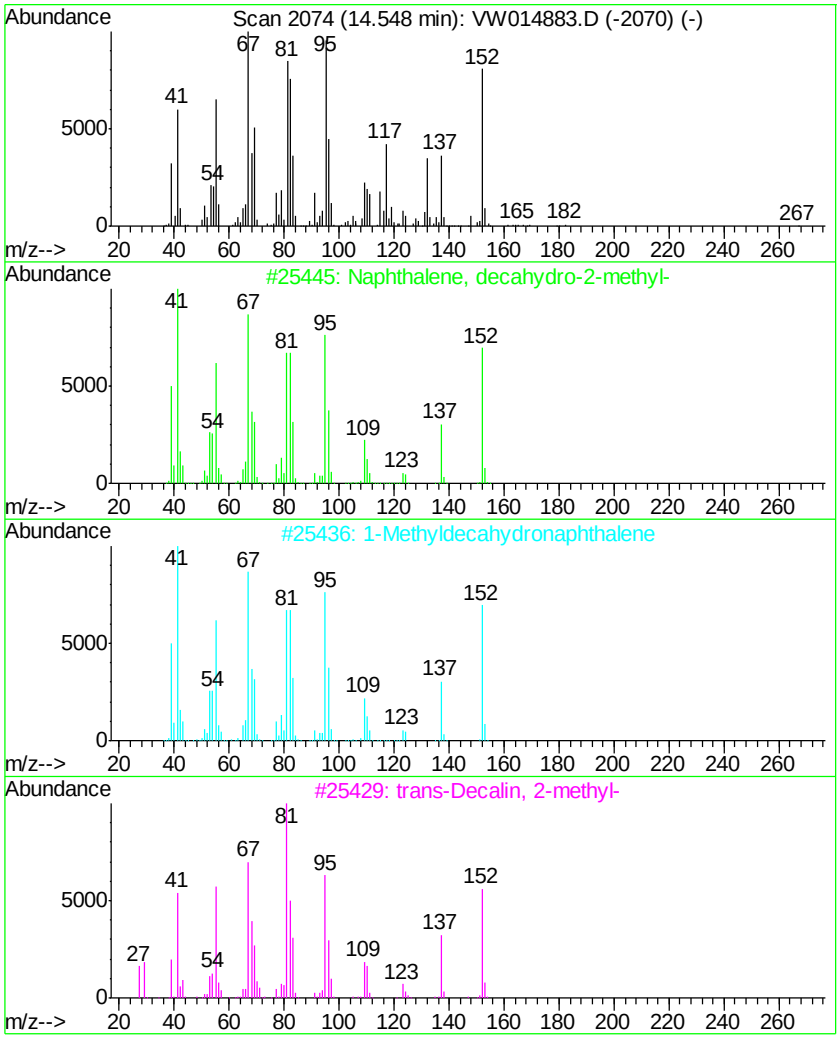
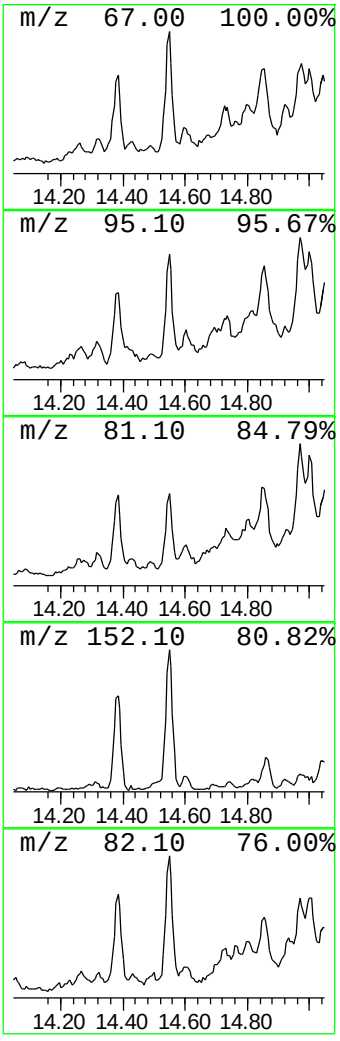
Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	5.87 ug/L	510652	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	89
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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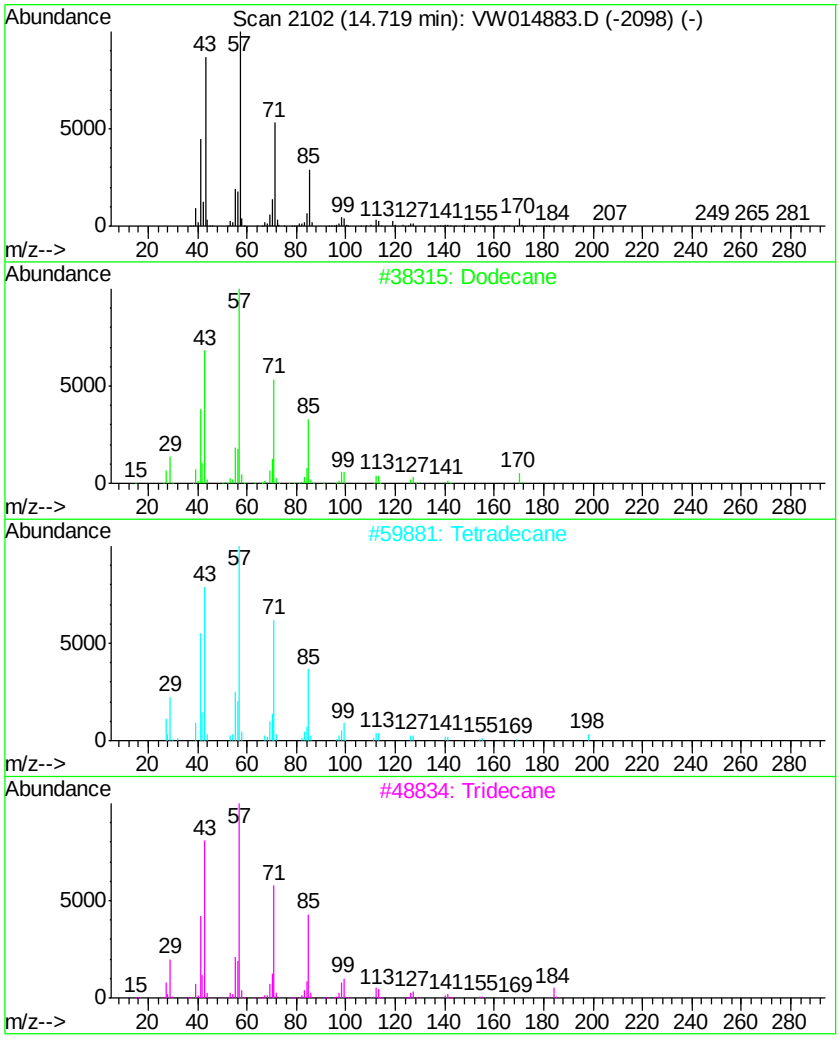
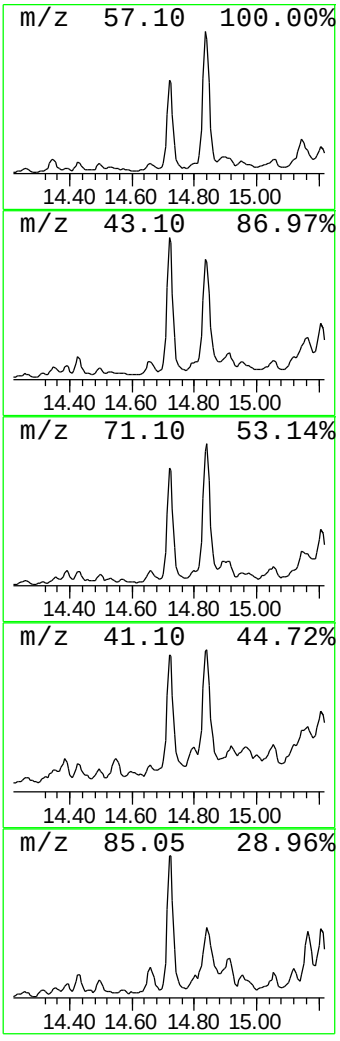
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	19.00 ug/L	1652210	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80





Library Search Compound Report

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Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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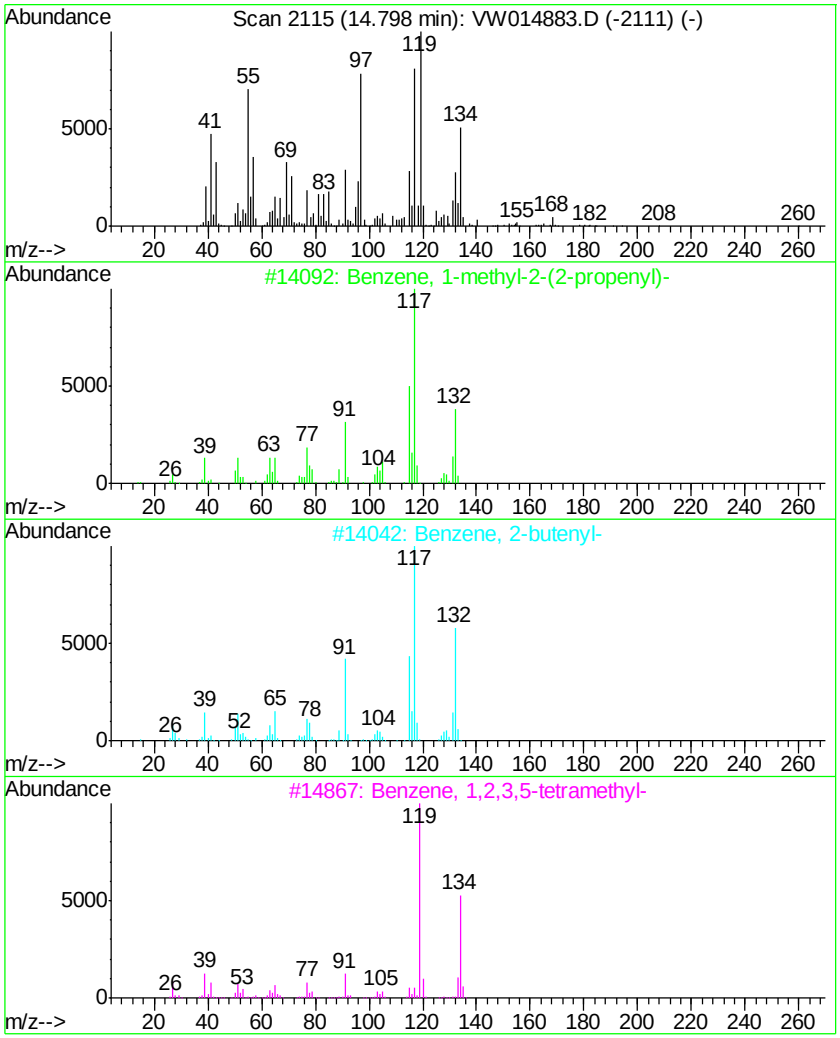
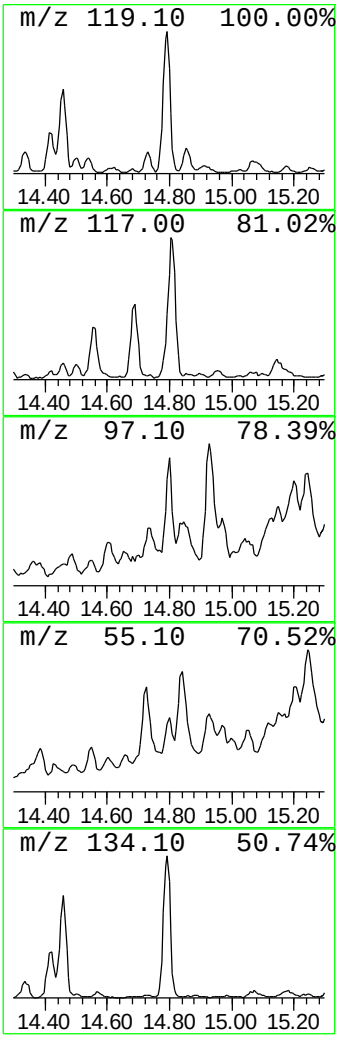
Peak Number 11 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.82 ug/L	766794	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42





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Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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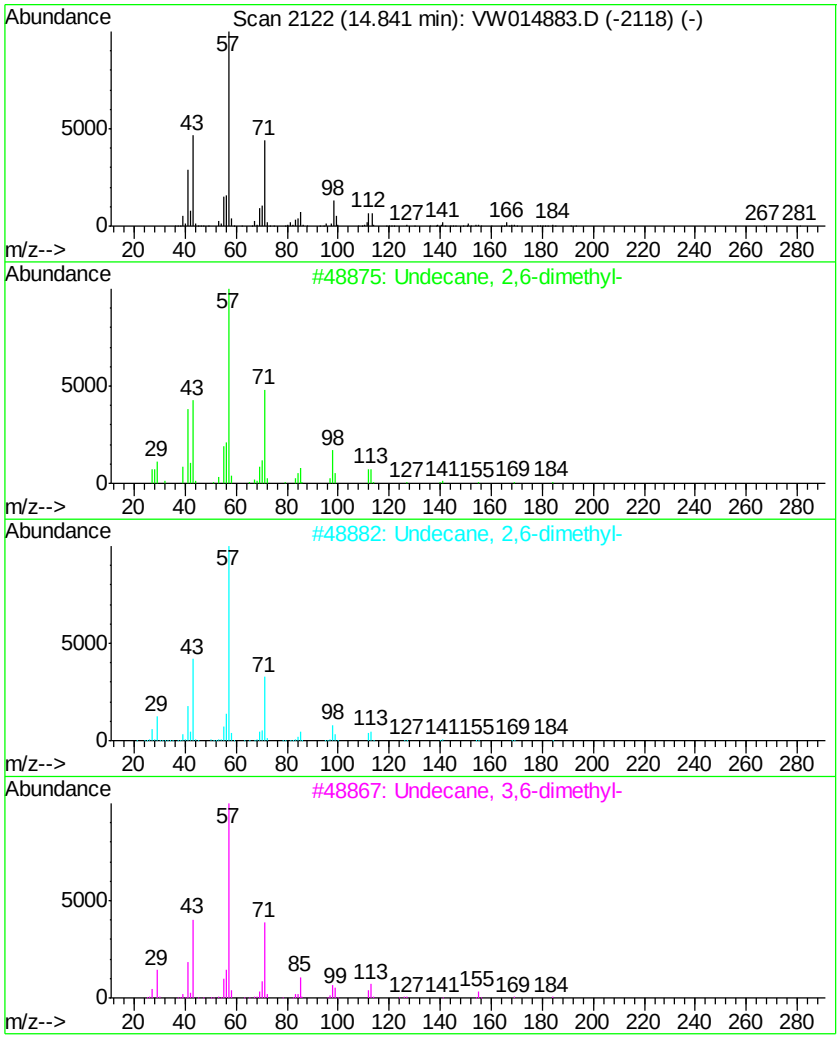
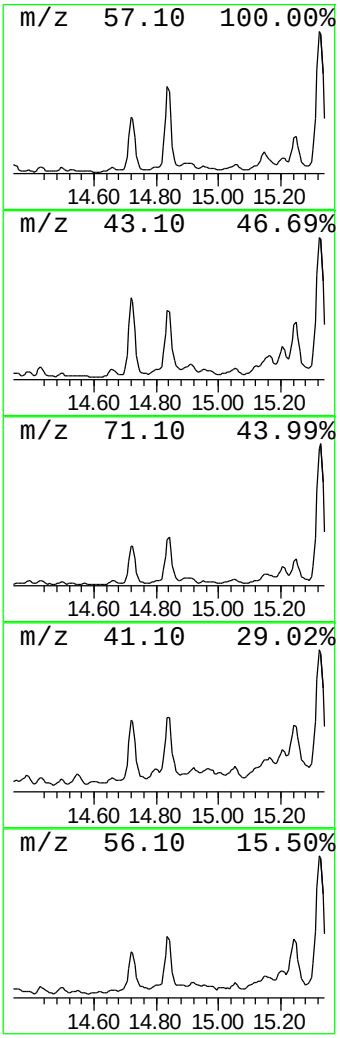
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	30.27 ug/L	2631850	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

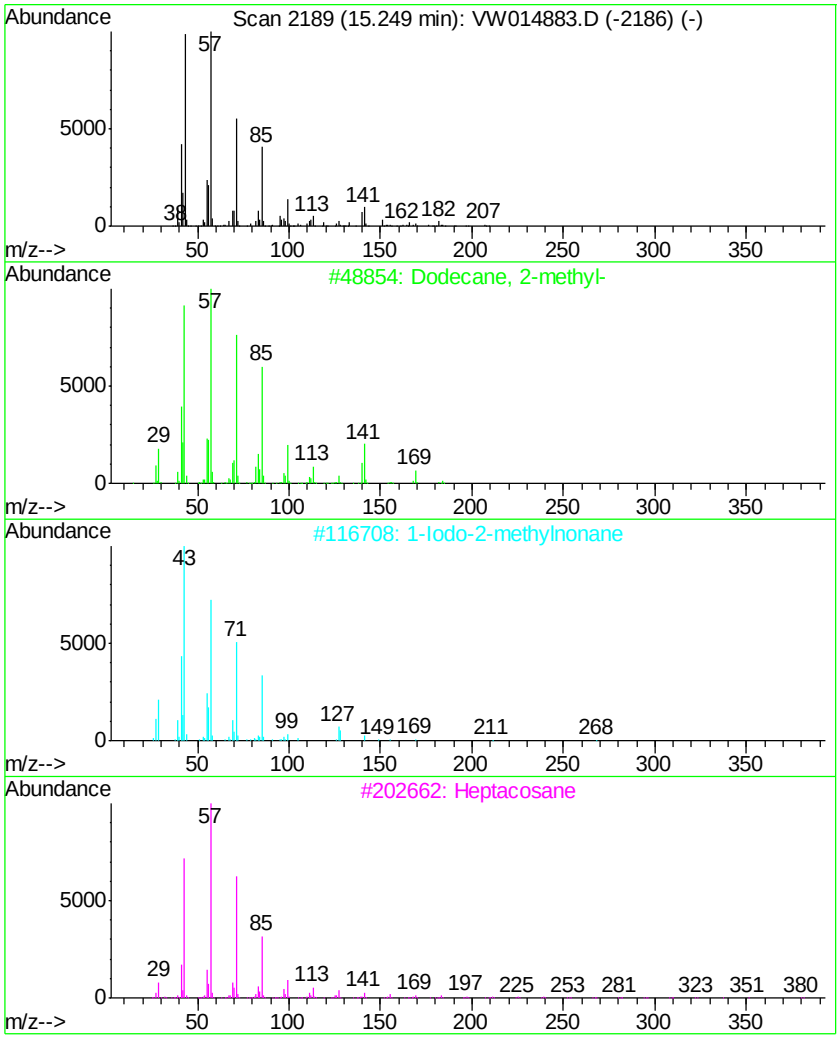
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

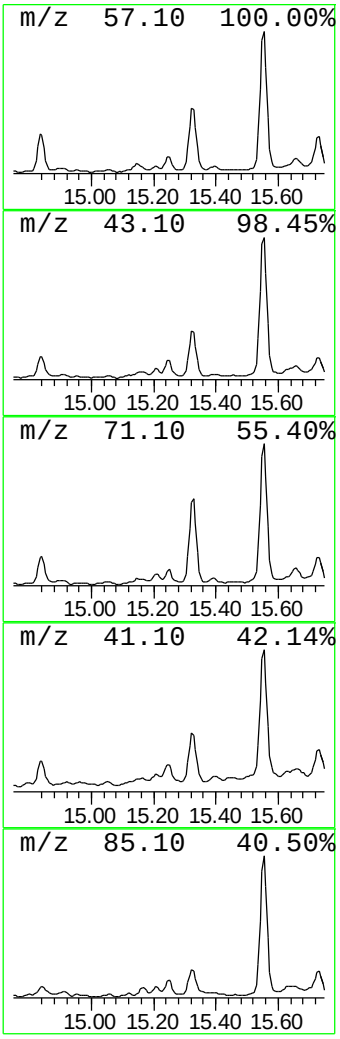
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	15.43 ug/L	1341170	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3	Heptacosane	380	C27H56	000593-49-7	68
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	64





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Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

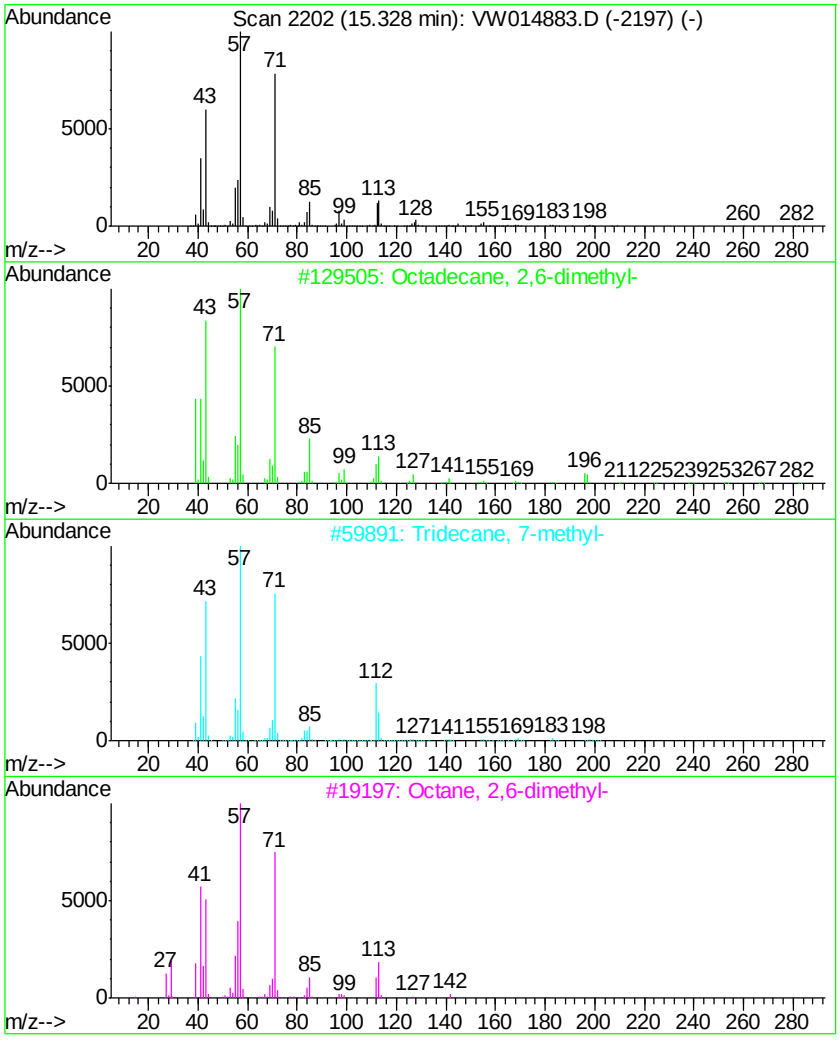
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

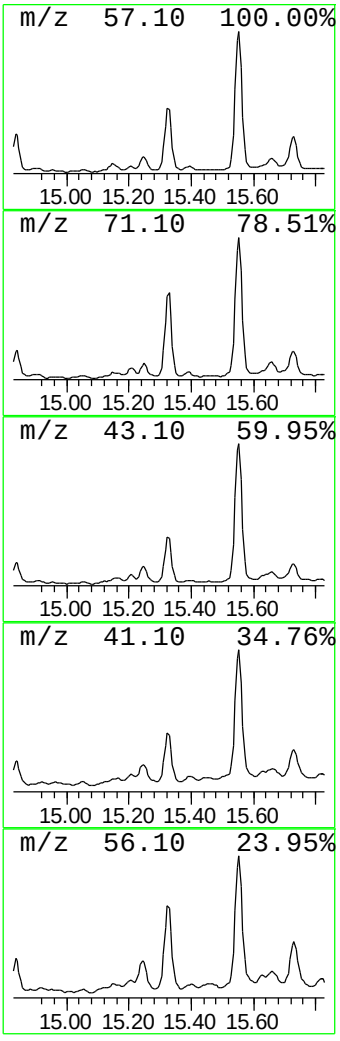
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	49.80 ug/L	4329650	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	87
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72





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Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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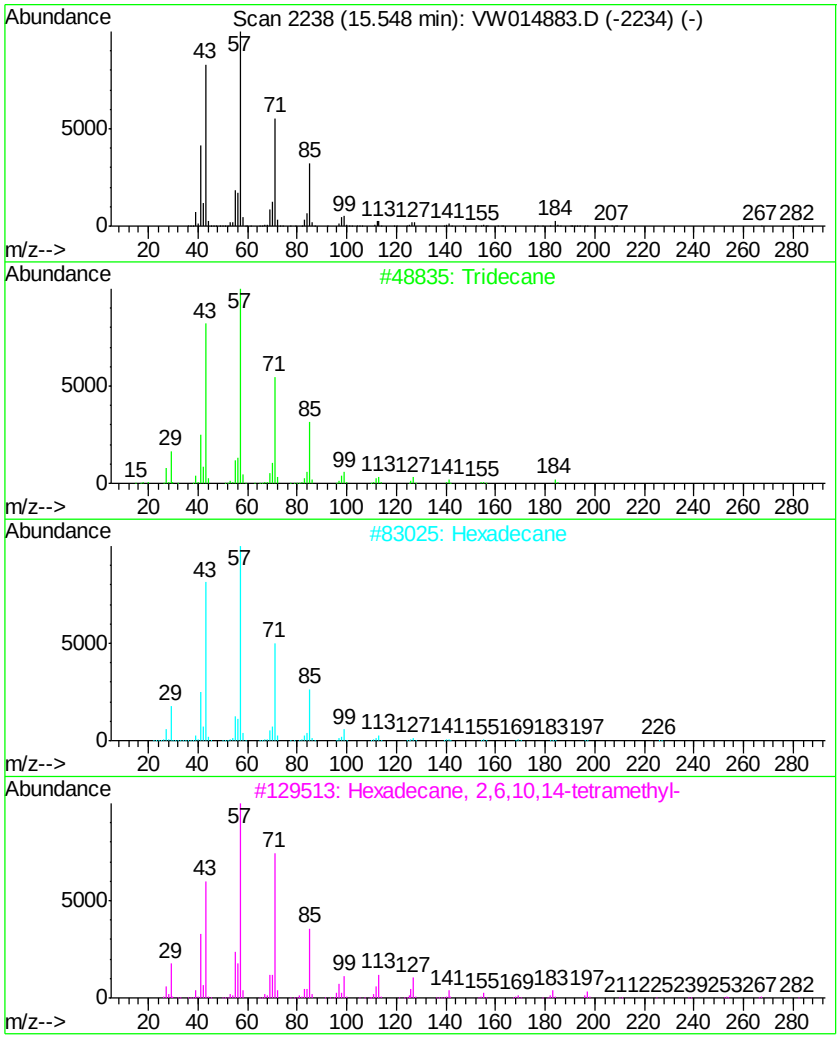
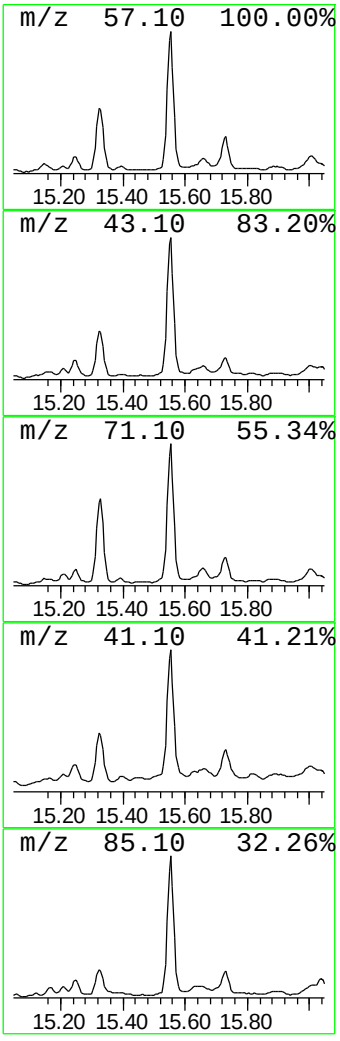
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	112.27 ug/L	9761050	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Tetradecane	198	C14H30	000629-59-4	80





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Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

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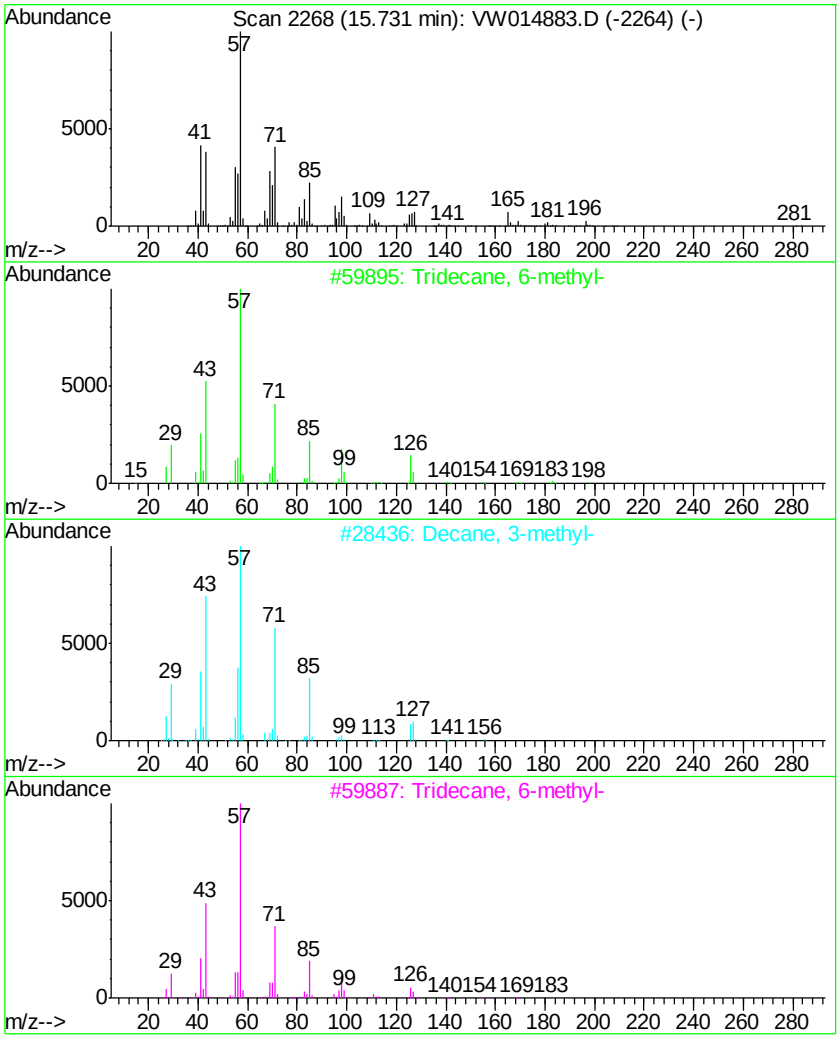
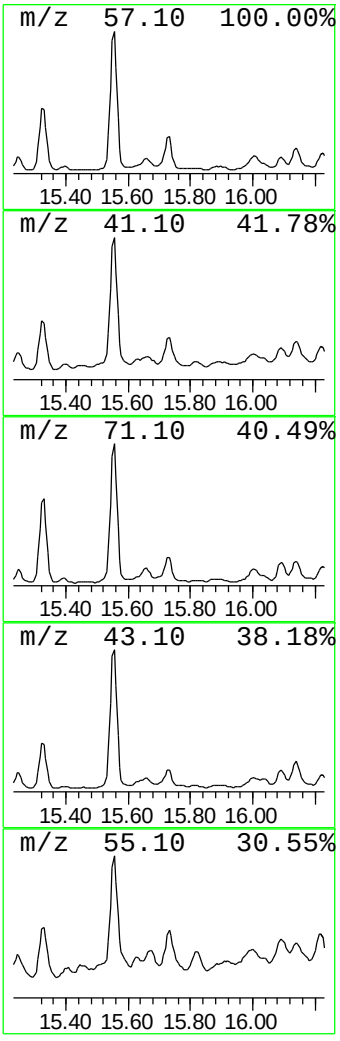
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	33.87 ug/L	2945070	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
2	Decane, 3-methyl-	156	C11H24	013151-34-3	50
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50





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Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

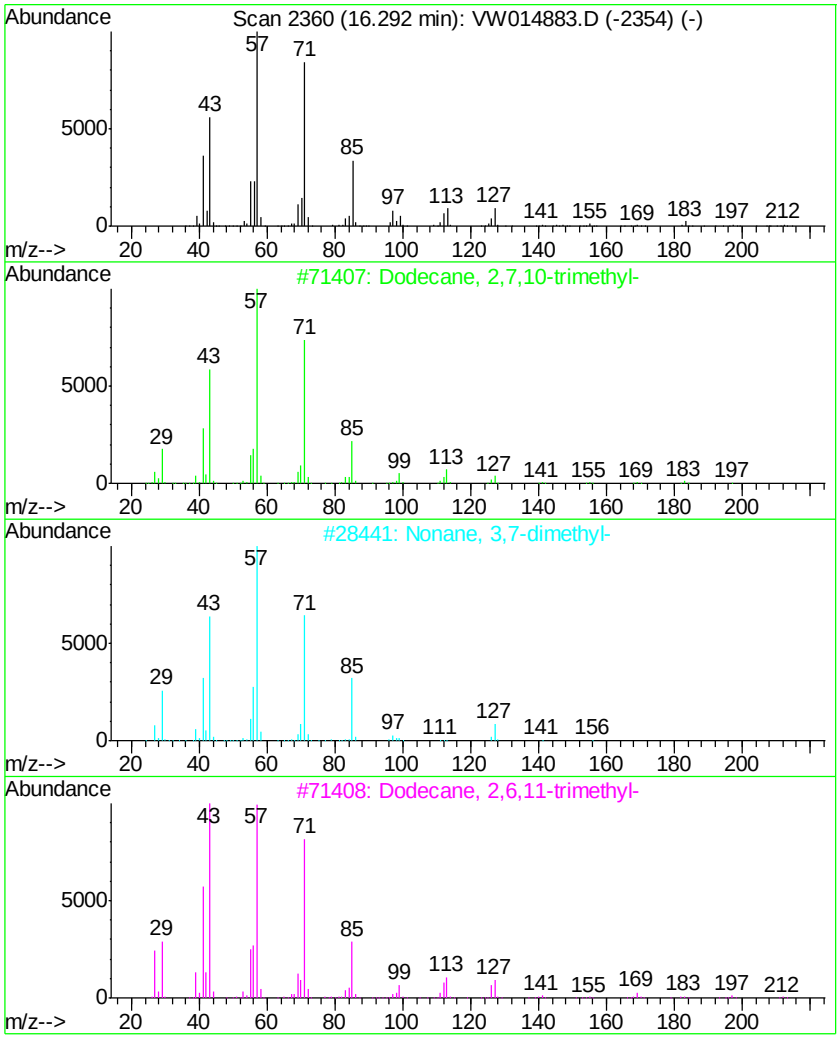
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

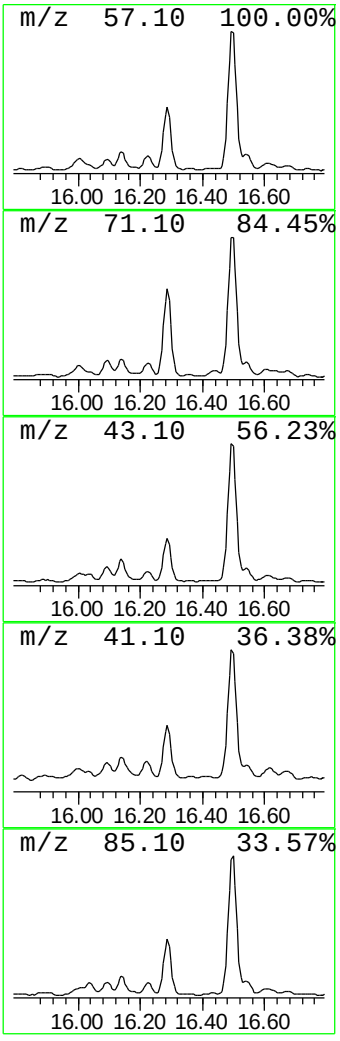
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	69.37 ug/L	6031280	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

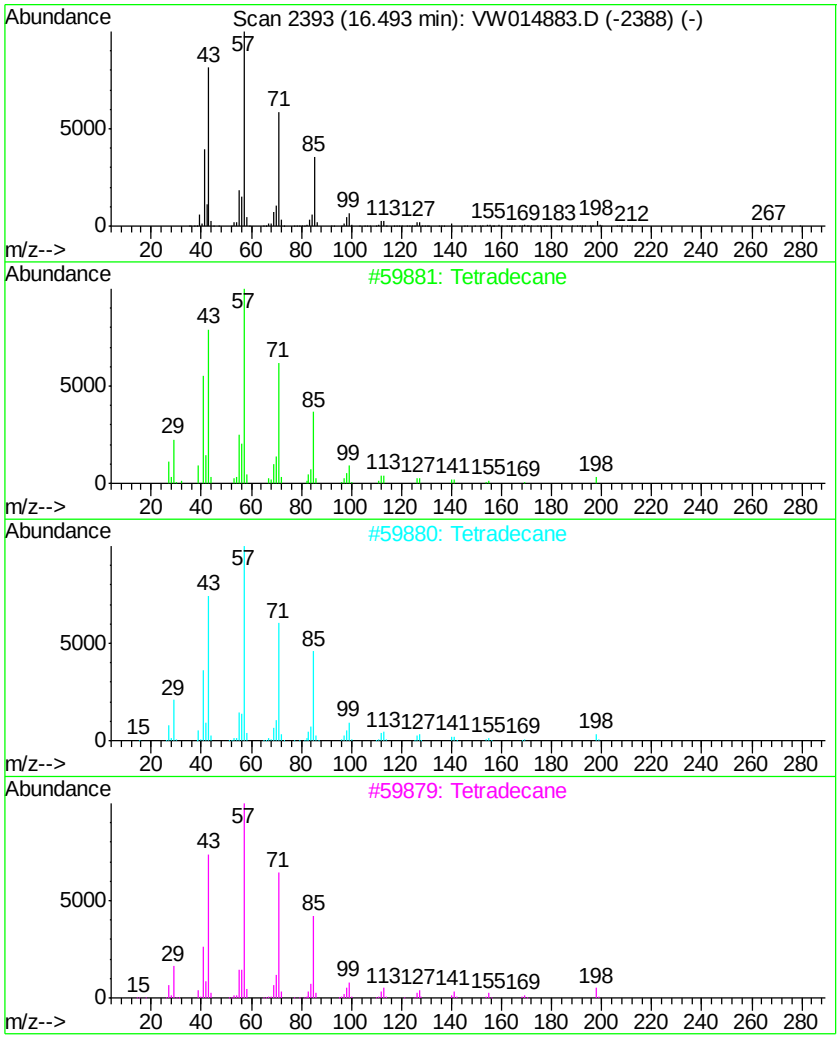
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

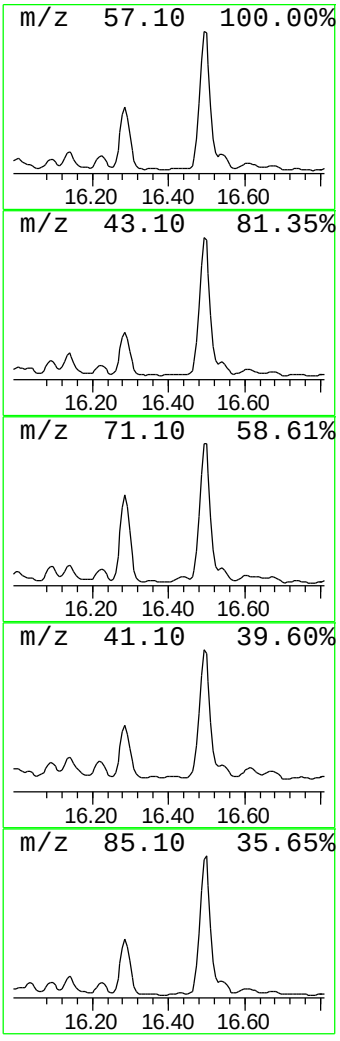
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	126.09 ug/L	10963200	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	92
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tridecane	184	C13H28	000629-50-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014883.D
Acq On : 05 Feb 2020 22:25
Operator : SY/VA
Sample : L1324-13
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.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
Benzene, 1-ethyl-...	12.90	1.8	ug/L	154589	3	13.55	2173620	25.0
Benzene, 1,2,4-tr...	12.94	3.6	ug/L	313364	3	13.55	2173620	25.0
Benzene, 1,2,3-tr...	13.25	5.8	ug/L	505707	3	13.55	2173620	25.0
Benzene, 1-etheny...	13.30	3.9	ug/L	339106	3	13.55	2173620	25.0
Indane	13.76	3.3	ug/L	283977	3	13.55	2173620	25.0
Indene	13.94	18.7	ug/L	1623710	3	13.55	2173620	25.0
Naphthalene, deca...	14.55	5.9	ug/L	510652	3	13.55	2173620	25.0
(DEL) Alkane: Str...	14.72	19.0	ug/L	1652210	3	13.55	2173620	25.0
Benzene, 1-methyl...	14.80	8.8	ug/L	766794	3	13.55	2173620	25.0
(DEL) Alkane: Str...	14.84	30.3	ug/L	2631850	3	13.55	2173620	25.0
(DEL) Alkane: Str...	15.25	15.4	ug/L	1341170	3	13.55	2173620	25.0
(DEL) Alkane: Str...	15.33	49.8	ug/L	4329650	3	13.55	2173620	25.0
(DEL) Alkane: Str...	15.55	112.3	ug/L	9761050	3	13.55	2173620	25.0
(DEL) Alkane: Str...	15.73	33.9	ug/L	2945070	3	13.55	2173620	25.0
(DEL) Alkane: Str...	16.29	69.4	ug/L	6031280	3	13.55	2173620	25.0
(DEL) Alkane: Str...	16.49	126.1	ug/L	10963200	3	13.55	2173620	25.0