LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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	1.746	19	26	27	rBV	12352	19066	0.18%	0.083%
2	1.807	27	36	57	rVV	4826814	10460150	100.00%	45.691%
3	1.953	58	60	66	rVB2	6191	10207	0.10%	0.045%
4	2.154	87	93	97	rBV2	12782	26045	0.25%	0.114%
5	2.349	119	125	139	rVB	121168	228256	2.18%	0.997%
6	2.807	198	200	203	rBV4	2048	2823	0.03%	0.012%
7	2.886	206	213	230	rVB	77351	197061	1.88%	0.861%
8	3.367	288	292	303	rBV3	5854	16033	0.15%	0.070%
9	3.855	364	372	378	rVB7	2105	5504	0.05%	0.024%
10	4.008	385	397	412	rBV	167046	530894	5.08%	2.319%
11	4.142	412	419	425	rBV2	6746	19214	0.18%	0.084%
12	4.367	453	456	459	rVB5	812	1196	0.01%	0.005%
13	4.623	490	498	501	rBV3	2547	5969	0.06%	0.026%
14	4.904	535	544	559	rVV4	10959	41545	0.40%	0.181%
15	5.751	680	683	686	rBV3	1303	2398	0.02%	0.010%
16	5.776	686	687	692	rVV4	1722	2749	0.03%	0.012%
17	5.934	699	713	725	rBV4	6760	20425	0.20%	0.089%
18	7.086	892	902	910	rBV	34326	100375	0.96%	0.438%
19	7.153	910	913	926	rVV3	10980	32089	0.31%	0.140%
20	7.458	957	963	972	rVV6	2753	8487	0.08%	0.037%
21	7.544	974	977	981	rVV6	1047	1883	0.02%	0.008%
22	7.647	984	994	1007	rBV	245027	601250	5.75%	2.626%
23	7.952	1035	1044	1051	rBV8	3261	8064	0.08%	0.035%
24	8.080	1064	1065	1070	rVB4	953	1196	0.01%	0.005%
25	8.275	1082	1097	1114	rBV2	460932	1432184	13.69%	6.256%
26	8.702	1159	1167	1168	rBV6	1853	3479	0.03%	0.015%
27	8.848	1182	1191	1203	rBV	451371	883885	8.45%	3.861%
28	9.055	1220	1225	1226	rBV3	1432	1425	0.01%	0.006%
29	9.086	1226	1230	1237	rVB6	2562	4775	0.05%	0.021%
30	9.281	1253	1262	1272	rBV	329391	674209	6.45%	2.945%
31	9.391	1278	1280	1284	rVB5	1051	1575	0.02%	0.007%
32	9.458	1289	1291	1294	rBV3	760	1075	0.01%	0.005%
33	9.659	1320	1324	1331	rBV7	1862	4208	0.04%	0.018%
34	9.763	1333	1341	1347	rVV3	7254	14734	0.14%	0.064%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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	9.897	1356	1363	1370	rBV2	14529	30102	0.29%	0.131%
36	10.037	1379	1386	1397	rBV	75458	143111	1.37%	0.625%
37	10.134	1400	1402	1406	rVB4	1162	1075	0.01%	0.005%
38	10.256	1417	1422	1426	rVB5	3455	5045	0.05%	0.022%
39	10.330	1426	1434	1442	rBV	599857	1064930	10.18%	4.652%
40	10.397	1442	1445	1448	rVV2	5119	8918	0.09%	0.039%
41	10.433	1448	1451	1457	rVV6	5503	9885	0.09%	0.043%
42	10.512	1459	1464	1467	rVV7	1826	3032	0.03%	0.013%
43	10.580	1468	1475	1485	rVB	58961	104815	1.00%	0.458%
44	10.708	1492	1496	1501	rVB3	3259	5392	0.05%	0.024%
45	10.775	1504	1507	1514	rVB9	1805	3703	0.04%	0.016%
46	10.872	1519	1523	1525	rBV5	1213	1285	0.01%	0.006%
47	10.933	1527	1533	1541	rBV	74503	127636	1.22%	0.558%
48	11.092	1555	1559	1567	rVB4	4305	8571	0.08%	0.037%
49	11.378	1604	1606	1609	rBV4	1266	1330	0.01%	0.006%
50	11.634	1641	1648	1657	rBV	492038	824584	7.88%	3.602%
51	11.701	1657	1659	1661	rBV3	2360	1778	0.02%	0.008%
52	11.848	1678	1683	1688	rVB9	3389	5859	0.06%	0.026%
53	12.317	1759	1760	1762	rBV2	1433	1339	0.01%	0.006%
54	12.341	1762	1764	1766	rVV3	1840	1916	0.02%	0.008%
55	12.433	1776	1779	1780	rBV3	1818	1969	0.02%	0.009%
56	12.488	1782	1788	1791	rVV7	5565	10959	0.10%	0.048%
57	12.604	1802	1807	1814	rBV2	27633	52242	0.50%	0.228%
58	12.701	1816	1823	1832	rVB	192007	327923	3.13%	1.432%
59	12.872	1849	1851	1854	rBV4	3028	4157	0.04%	0.018%
60	13.140	1887	1895	1896	rBV6	6605	14811	0.14%	0.065%
61	13.256	1910	1914	1922	rVB2	16749	27561	0.26%	0.120%
62	13.372	1926	1933	1934	rBV7	5709	9977	0.10%	0.044%
63	13.433	1940	1943	1948	rVB3	10718	15775	0.15%	0.069%
64	13.506	1953	1955	1959	rVV4	5483	7246	0.07%	0.032%
65	13.567	1959	1965	1975	rVV	275897	477393	4.56%	2.085%
66	13.658	1977	1980	1986	rVB6	9124	12113	0.12%	0.053%
67	13.762	1993	1997	2000	rBV	51343	74631	0.71%	0.326%
68	13.805	2000	2004	2009	rVV2	114864	205824	1.97%	0.899%
69	13.859	2009	2013	2021	rVB	234861	398841	3.81%	1.742%
70	13.957	2024	2029	2034	rBV	38544	62878	0.60%	0.275%
71	14.018	2034	2039	2042	rBV	78723	135155	1.29%	0.590%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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	14.048	2042	2044	2048	rVV	100741	135181	1.29%	0.590%
73	14.109	2048	2054	2061	rVB	267597	426411	4.08%	1.863%
74	14.213	2066	2071	2076	rVB2	41804	67833	0.65%	0.296%
75	14.292	2076	2084	2087	rBV5	9924	25345	0.24%	0.111%
76	14.347	2088	2093	2098	rVB	57272	85210	0.81%	0.372%
77	14.426	2098	2106	2109	rBV	208243	339123	3.24%	1.481%
78	14.469	2109	2113	2117	rVV	318207	483456	4.62%	2.112%
79	14.512	2117	2120	2123	rVV	86938	119385	1.14%	0.521%
80	14.548	2123	2126	2133	rVB	57923	85948	0.82%	0.375%
81	14.609	2133	2136	2140	rBV	15909	22741	0.22%	0.099%
82	14.652	2140	2143	2146	rVV	37572	49167	0.47%	0.215%
83	14.701	2146	2151	2155	rVV2	110455	195566	1.87%	0.854%
84	14.743	2155	2158	2162	rVB	69193	95074	0.91%	0.415%
85	14.804	2162	2168	2175	rBV2	214030	511072	4.89%	2.232%
86	14.865	2175	2178	2184	rVB	86753	130429	1.25%	0.570%
87	14.963	2192	2194	2195	rBV2	4236	3326	0.03%	0.015%
88	15.079	2208	2213	2223	rVV	83356	187960	1.80%	0.821%
89	15.182	2225	2230	2238	rVB	42783	80813	0.77%	0.353%
90	15.329	2250	2254	2255	rBV3	4382	6020	0.06%	0.026%
91	15.377	2256	2262	2269	rVB	84522	153322	1.47%	0.670%
92	15.487	2274	2280	2286	rBV4	20108	45265	0.43%	0.198%
93	15.670	2305	2310	2315	rVB2	11390	20079	0.19%	0.088%
94	15.847	2336	2339	2342	rBV5	2920	3980	0.04%	0.017%
95	15.963	2352	2358	2367	rVV2	10720	22375	0.21%	0.098%
96	16.048	2370	2372	2378	rVB4	3427	4264	0.04%	0.019%
97	16.389	2426	2428	2432	rVB5	1252	1137	0.01%	0.005%
98	16.457	2432	2439	2445	rBV2	12561	26877	0.26%	0.117%
99	16.566	2453	2457	2458	rBV4	1125	1403	0.01%	0.006%
100	16.658	2469	2472	2479	rVV4	3759	6440	0.06%	0.028%

Sum of corrected areas: 22893391

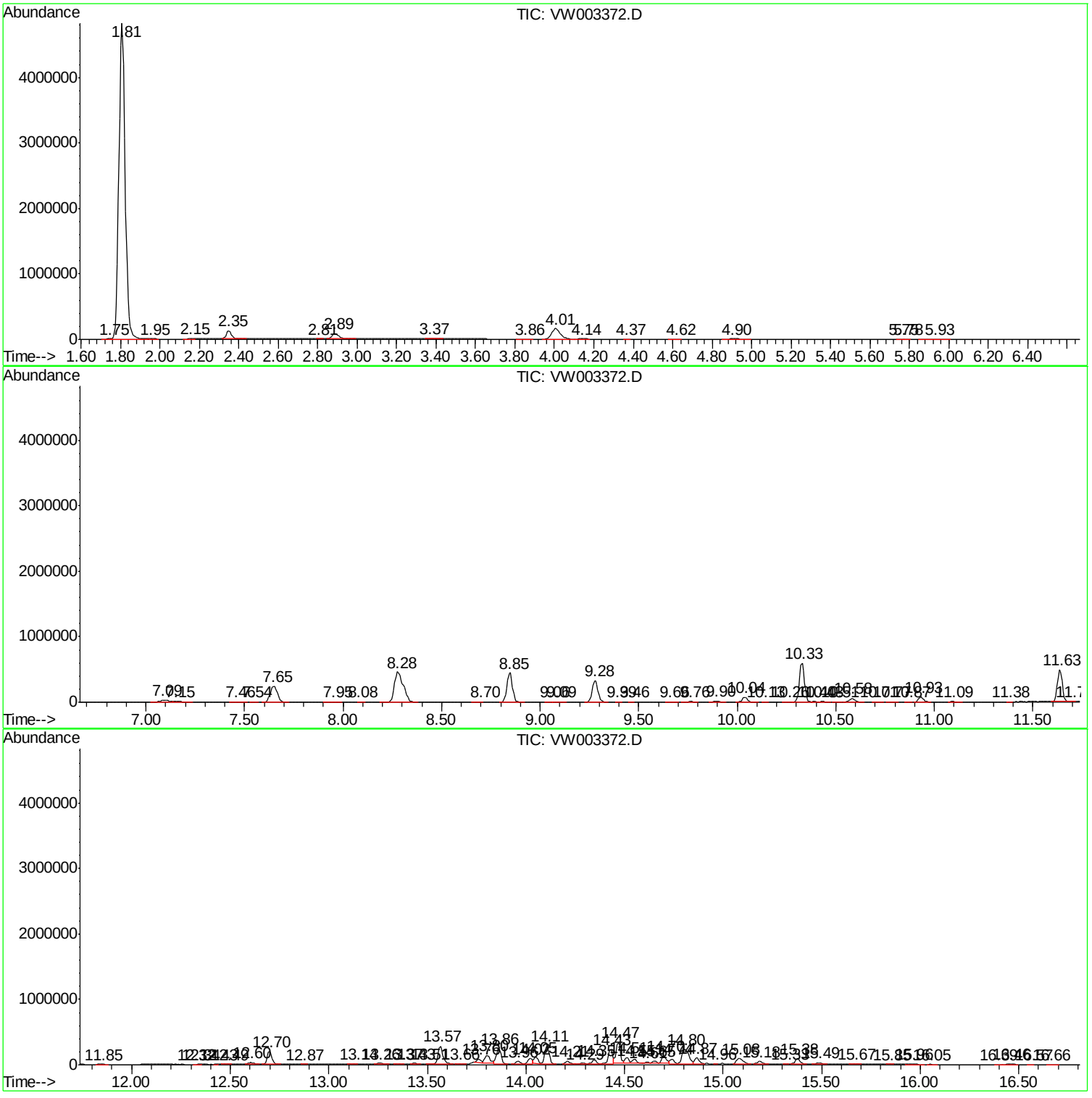
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

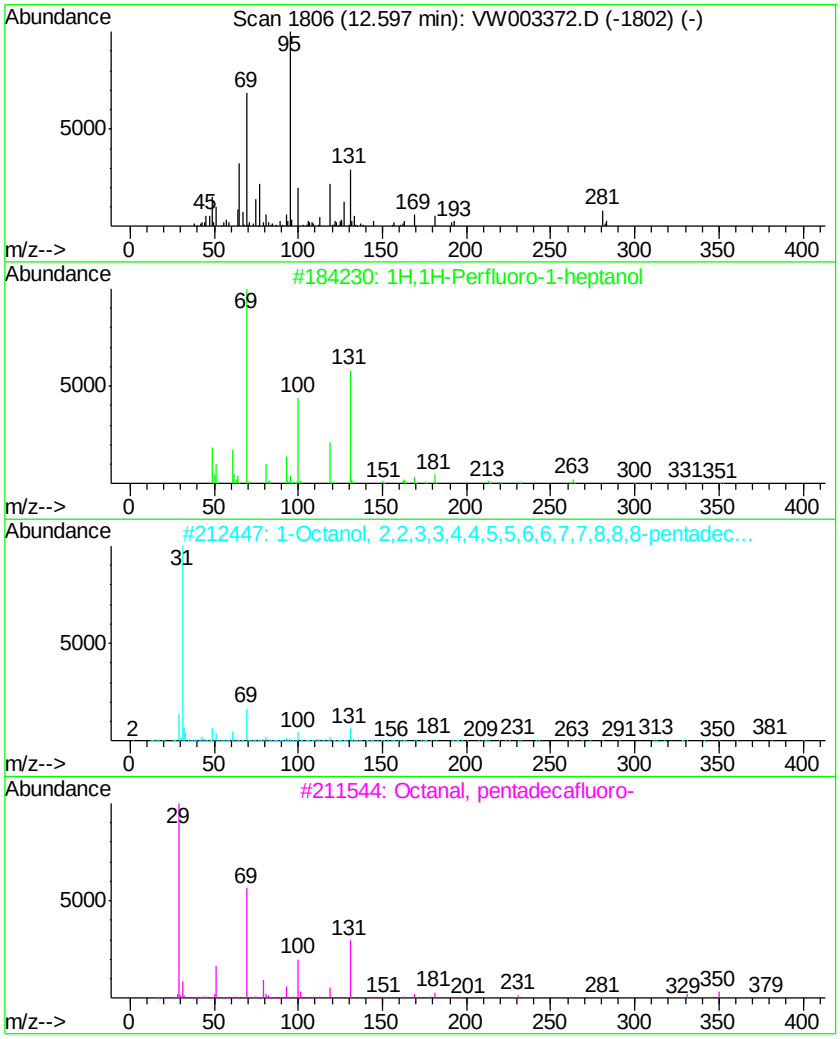
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

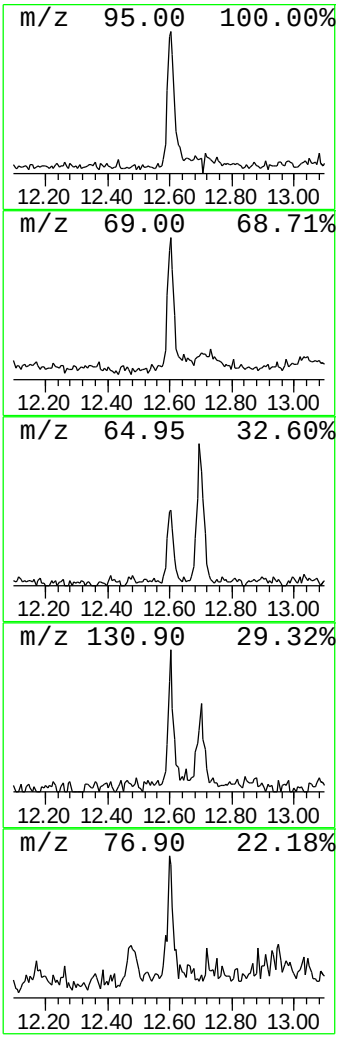
****

Peak Number 3 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.74 ug/L	52242	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,1H-Perfluoro-1-heptanol	350	C7H3F13O	000375-82-6	32
2	1-Octanol, 2,2,3,3,4,4,5,5,6,6,7...	400	C8H3F15O	000307-30-2	25
3	Octanal, pentadecafluoro-	398	C8HF15O	000335-60-4	25
4	2-Furoic acid, tridec-2-ynyl ester	290	C18H26O3	1000299-24-1	14
5	Pilocarpine	208	C11H16N2O2	000092-13-7	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

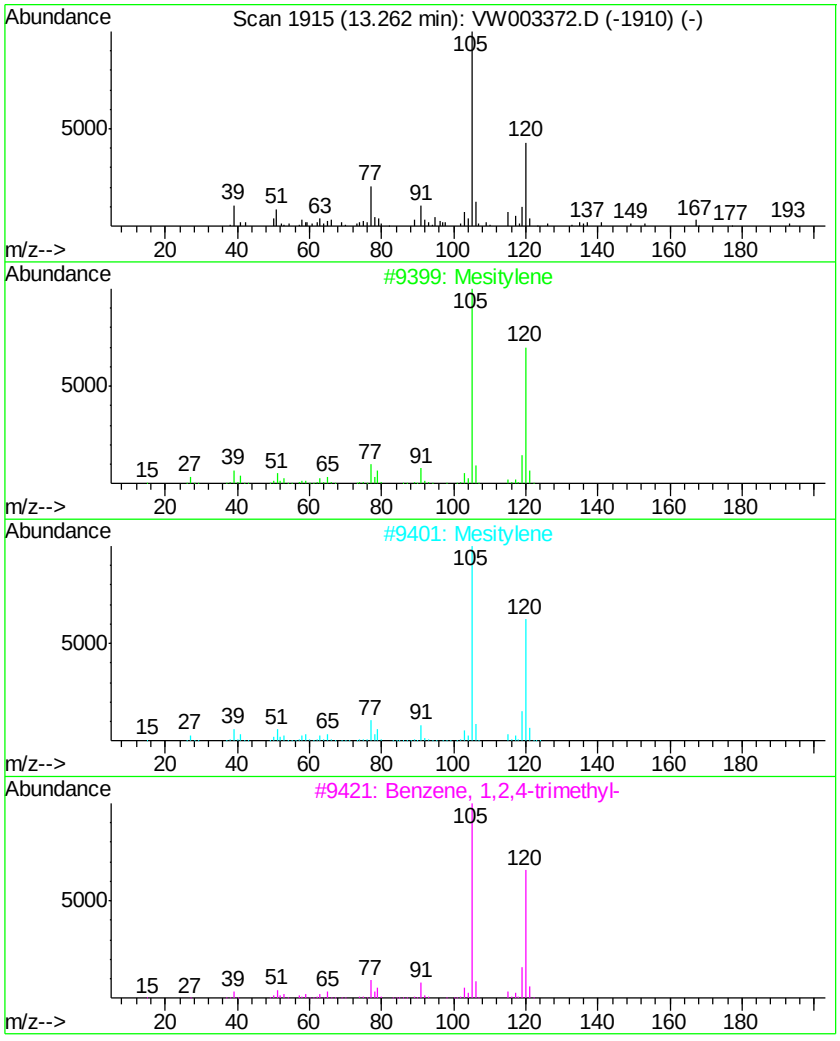
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

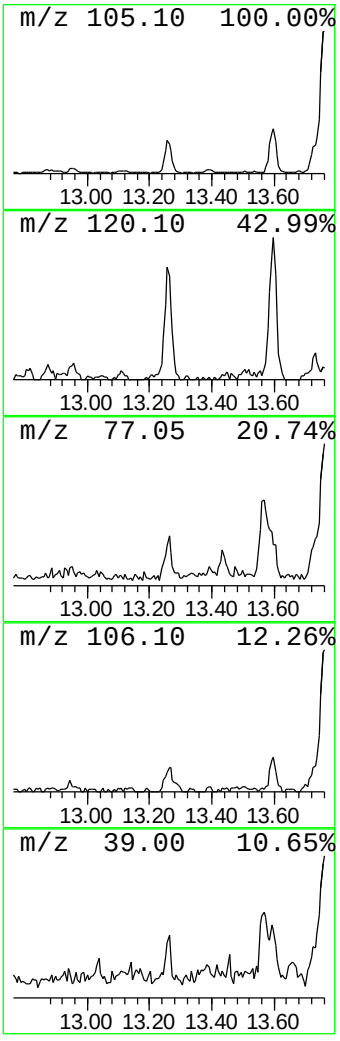
****

Peak Number 4 Mesitylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	1.44 ug/L	27561	1,4-Dichlorobenzene-d4	13.57

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

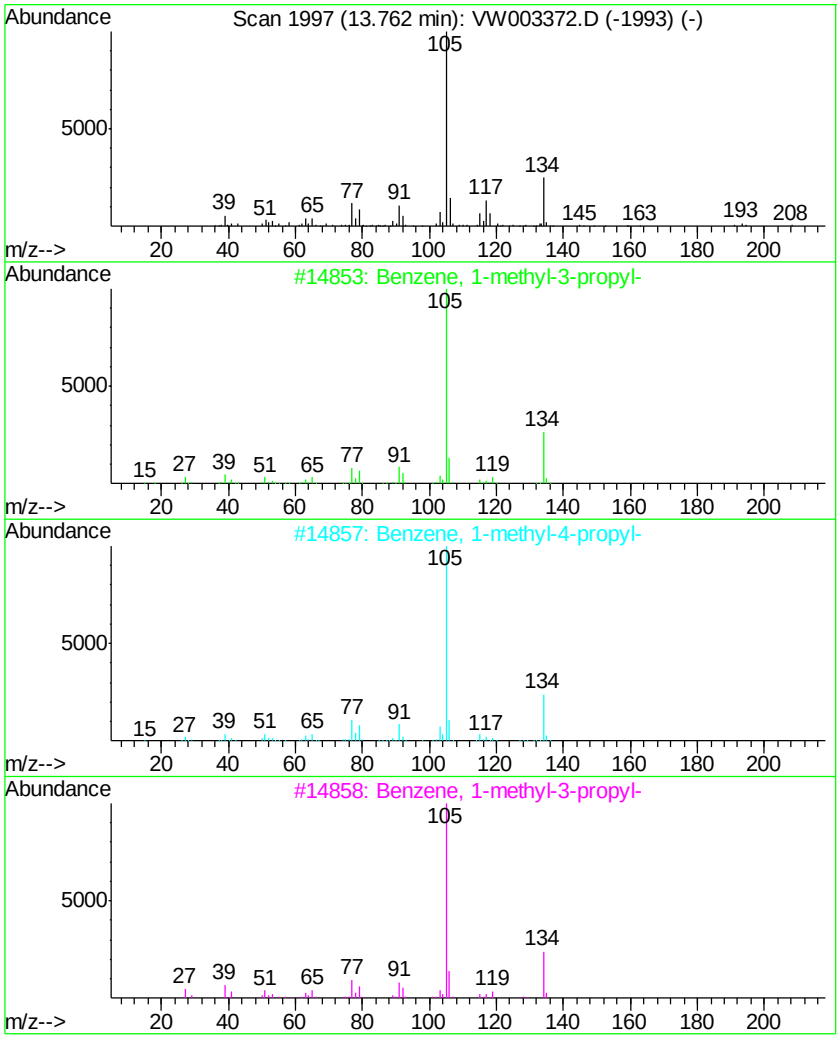
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

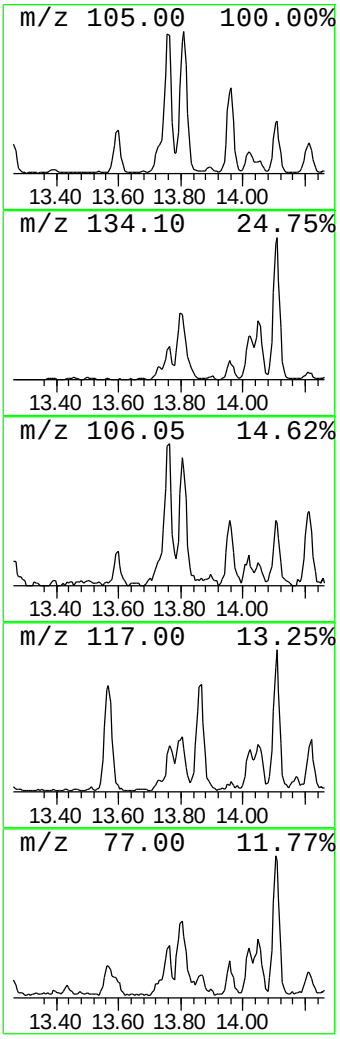
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.91 ug/L	74631	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

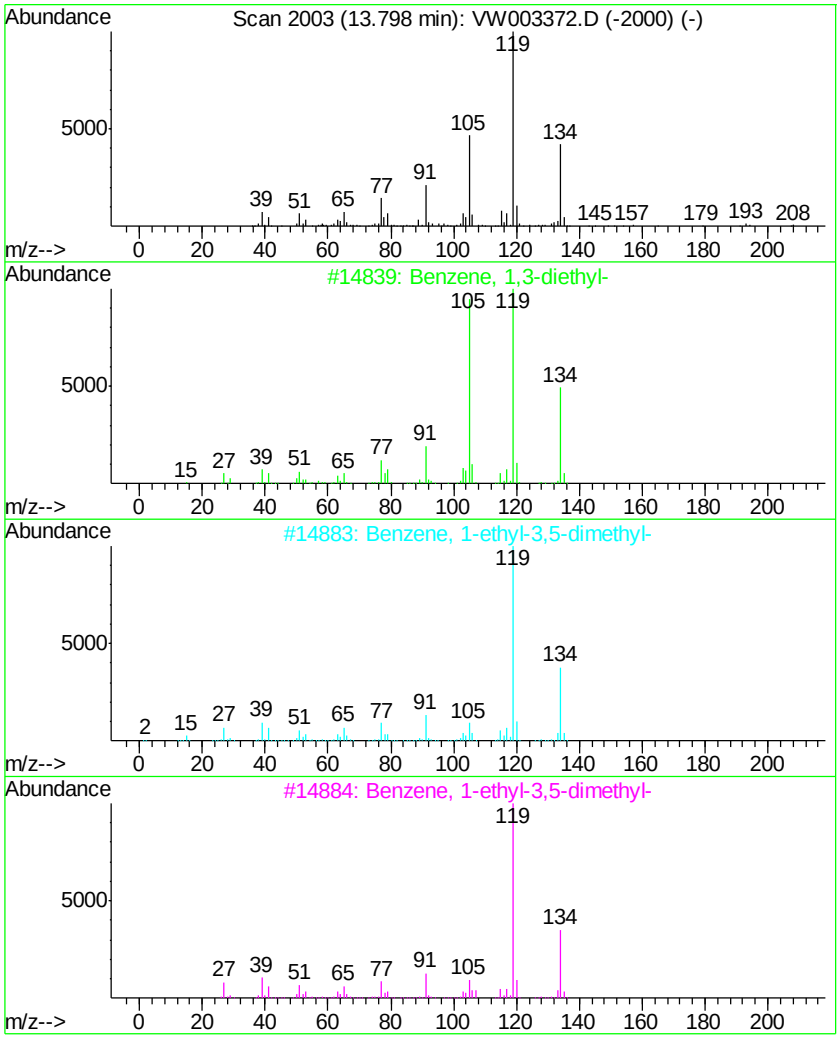
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

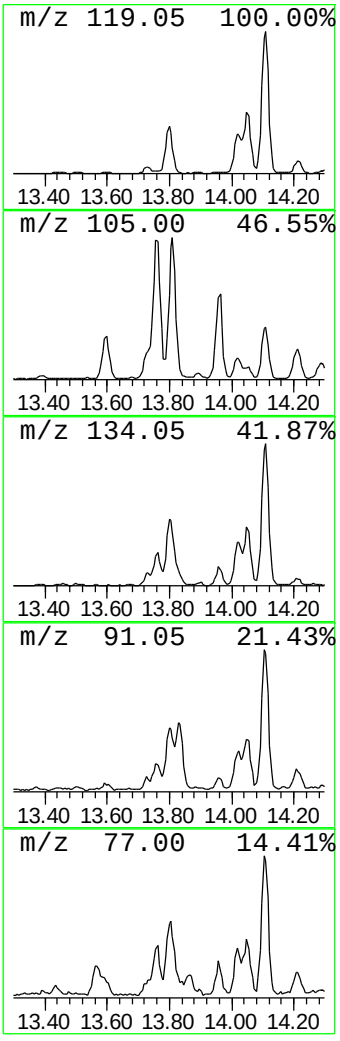
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	10.78 ug/L	205824	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

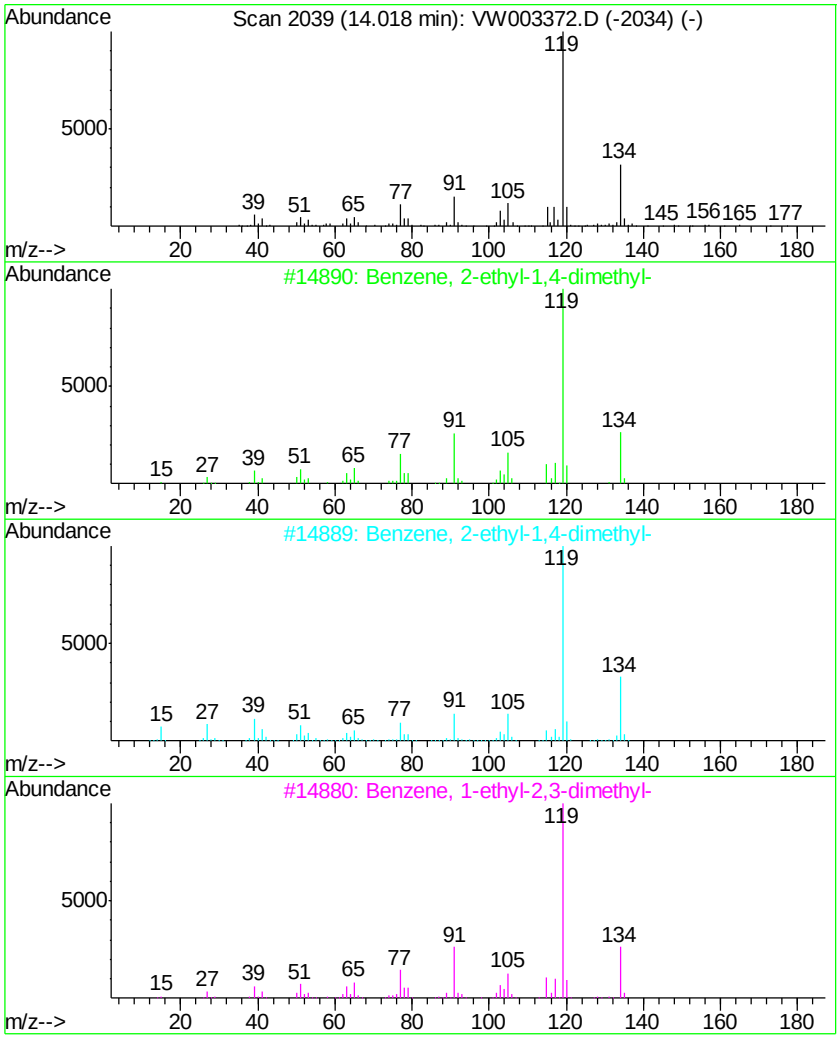
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

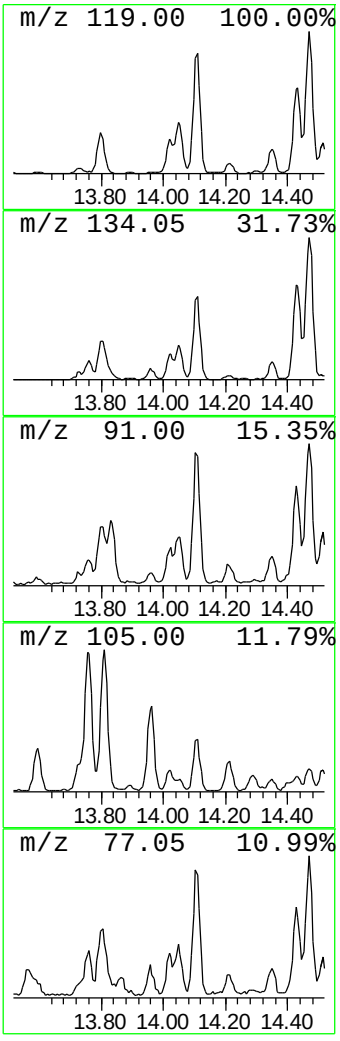
****

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	7.08 ug/L	135155	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

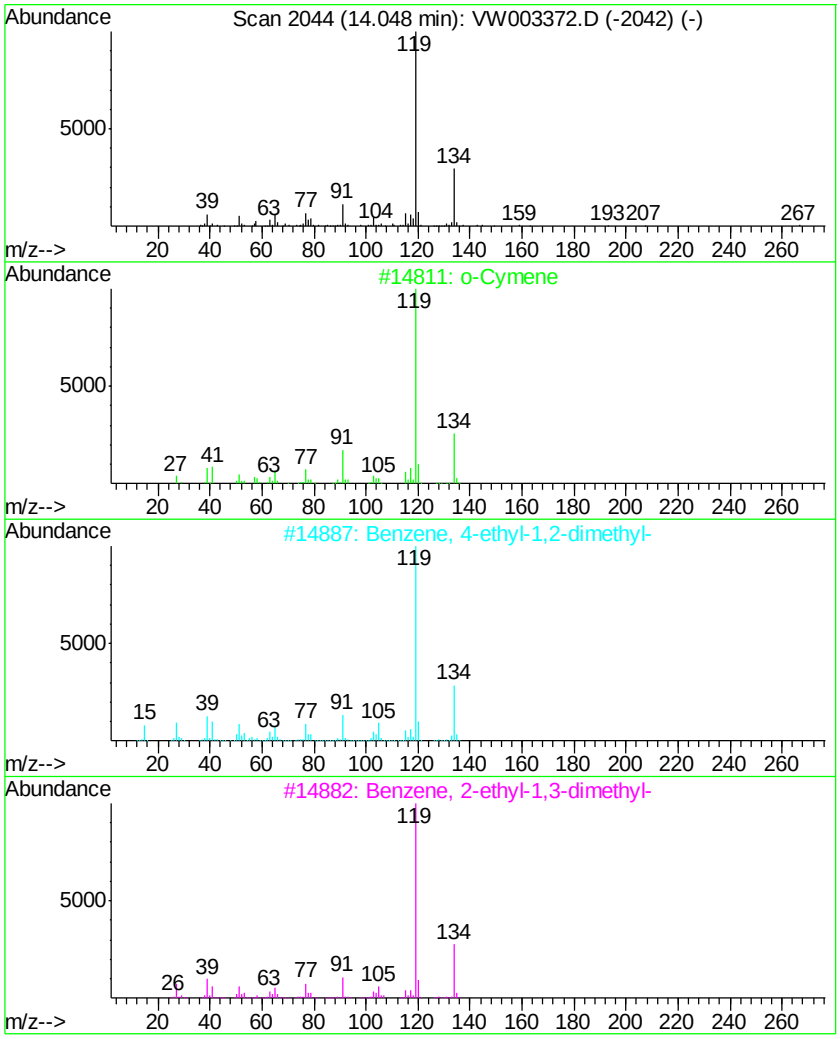
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

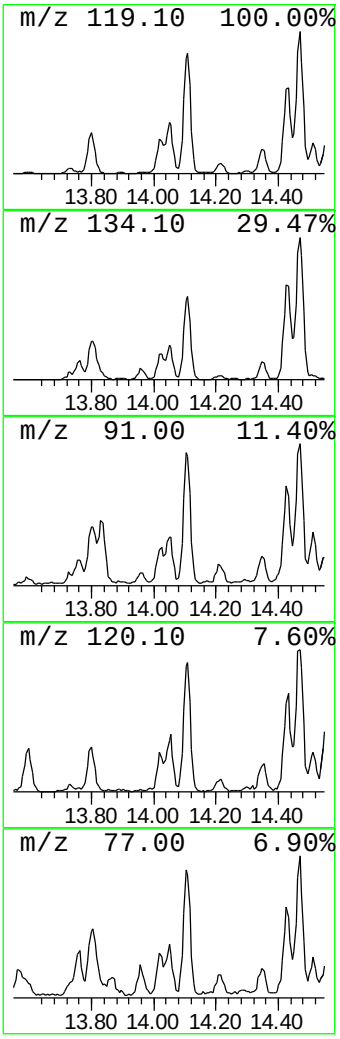
****

Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	7.08 ug/L	135181	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

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Data File : VW003372.D
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Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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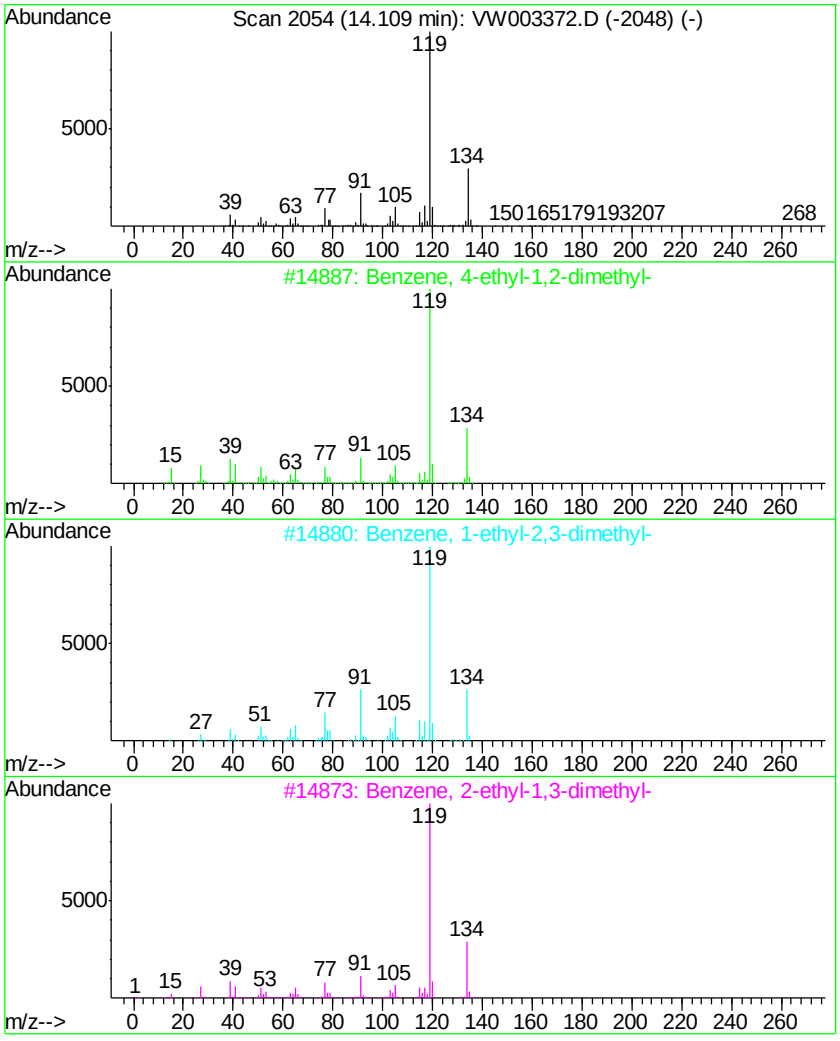
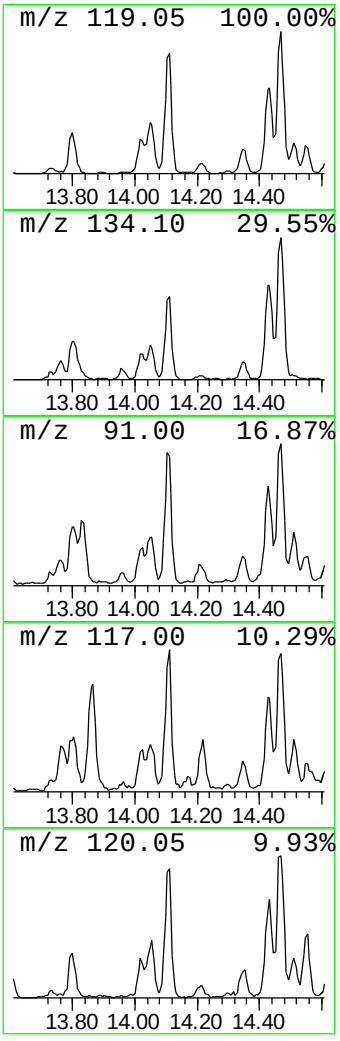
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	22.33 ug/L	426411	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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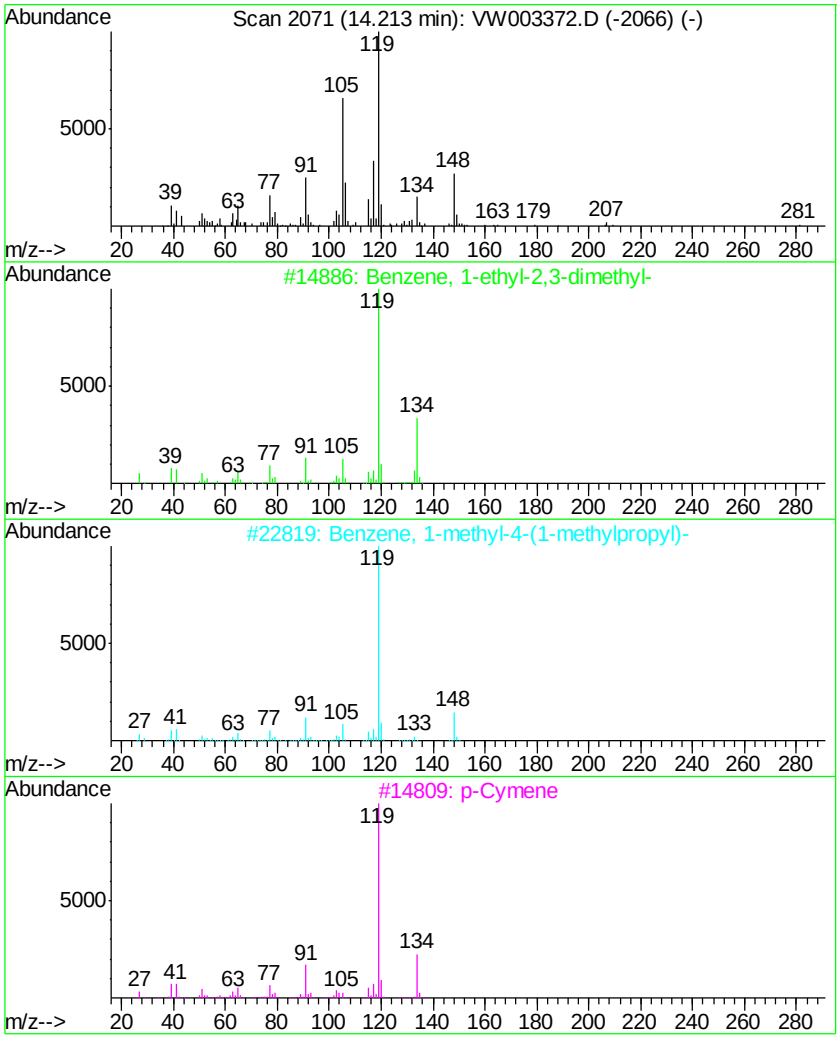
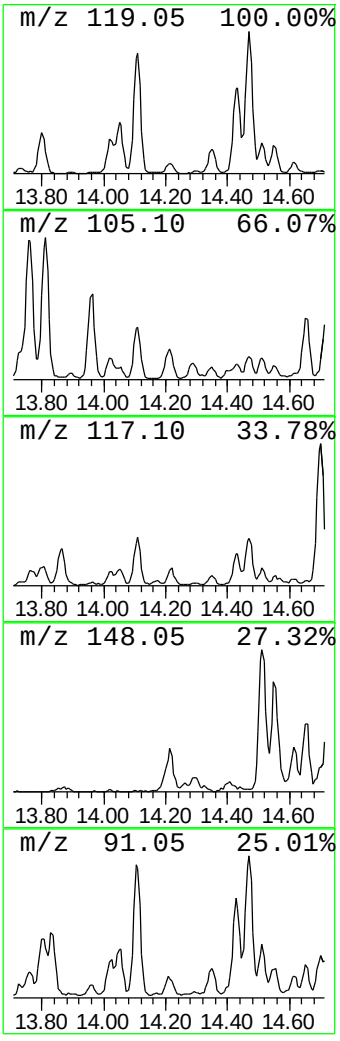
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.55 ug/L	67833	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
3	p-Cymene	134	C10H14	000099-87-6	60
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

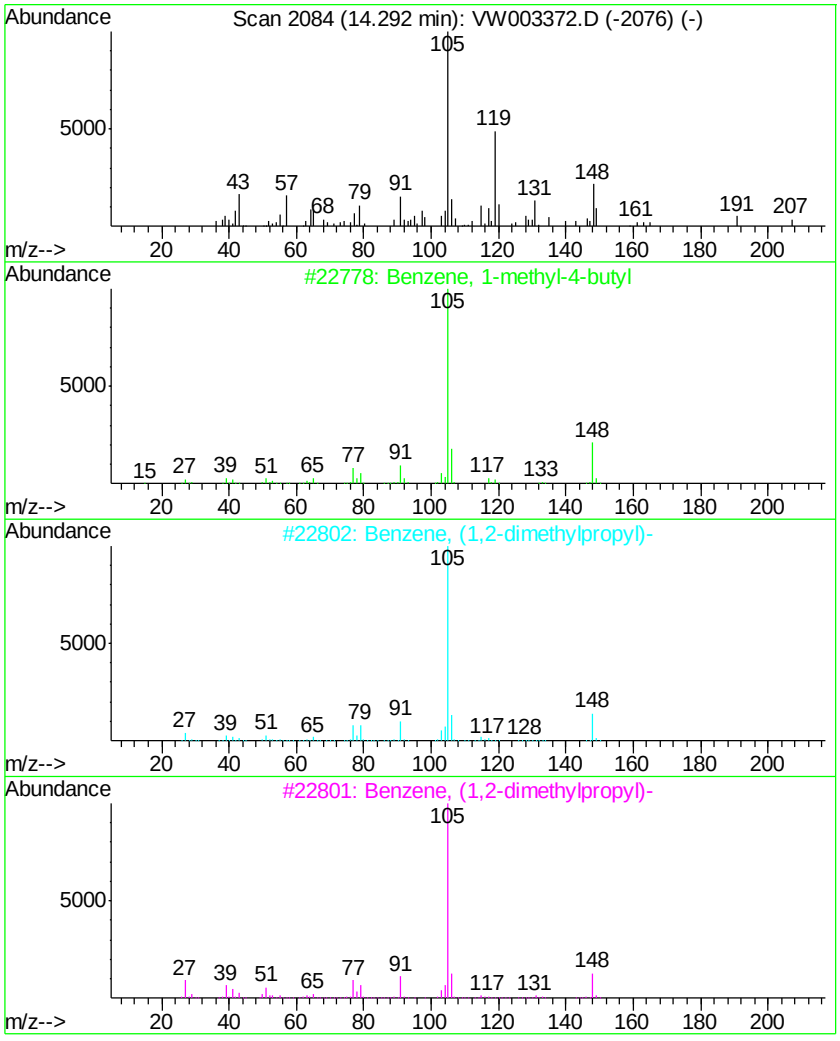
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

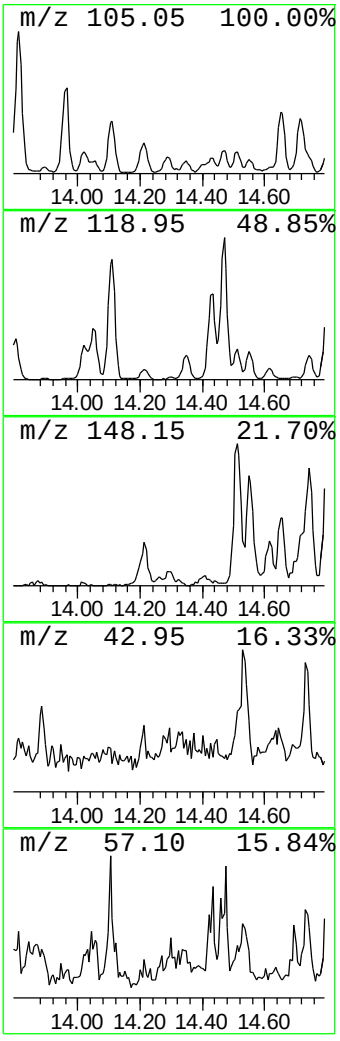
****

Peak Number 12 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	1.33 ug/L	25345	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	30
2	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	27
3	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	27
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	25
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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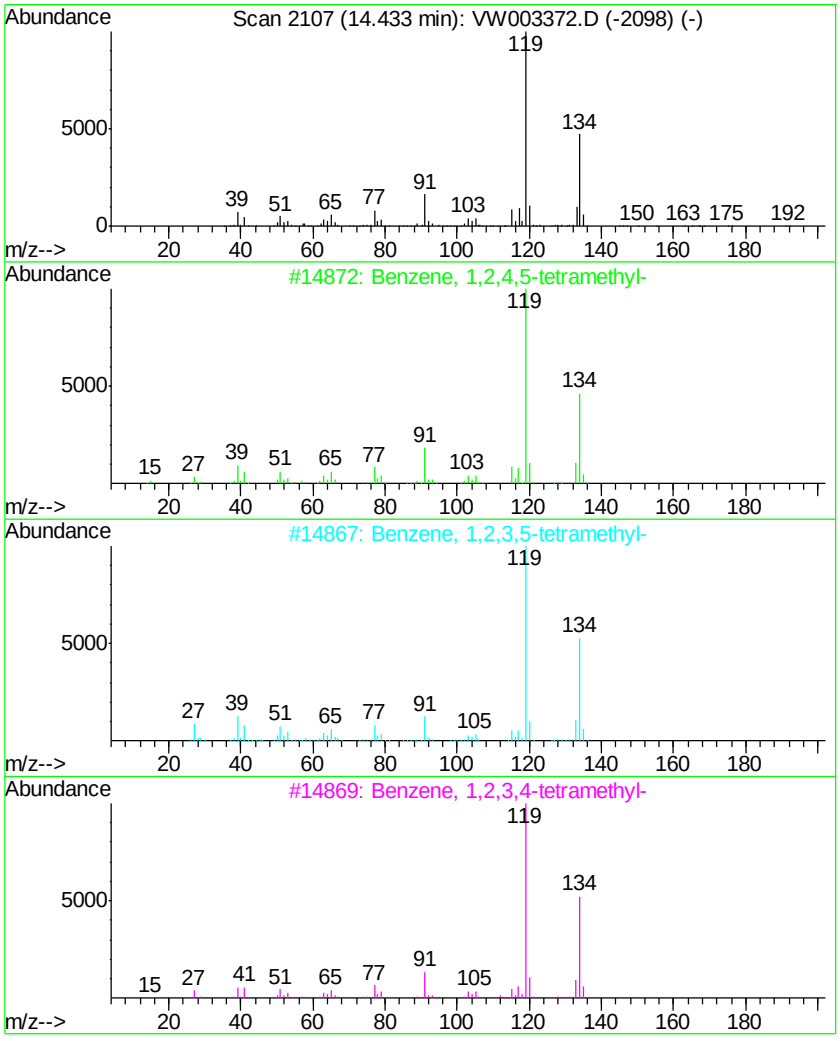
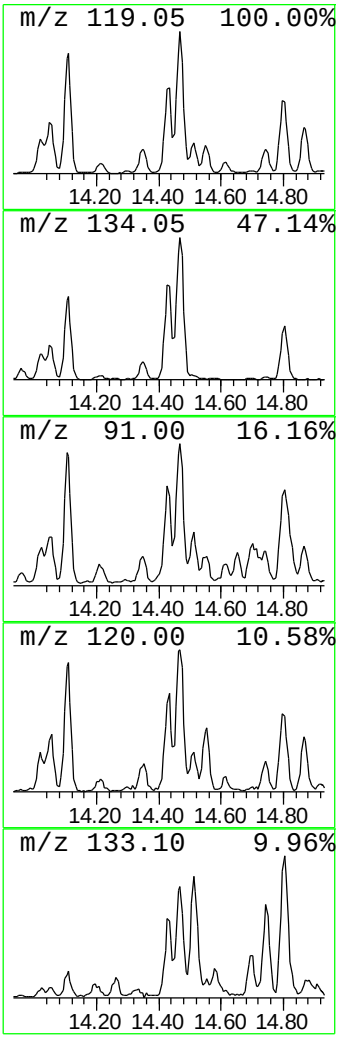
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	17.76 ug/L	339123	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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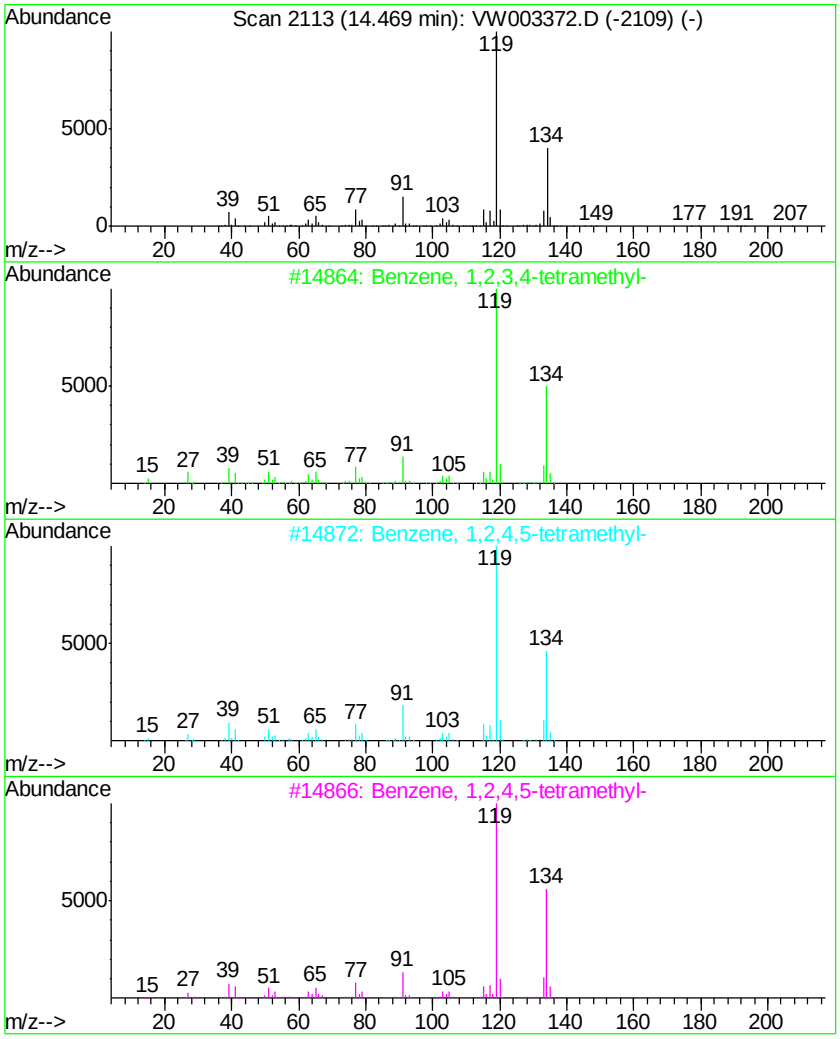
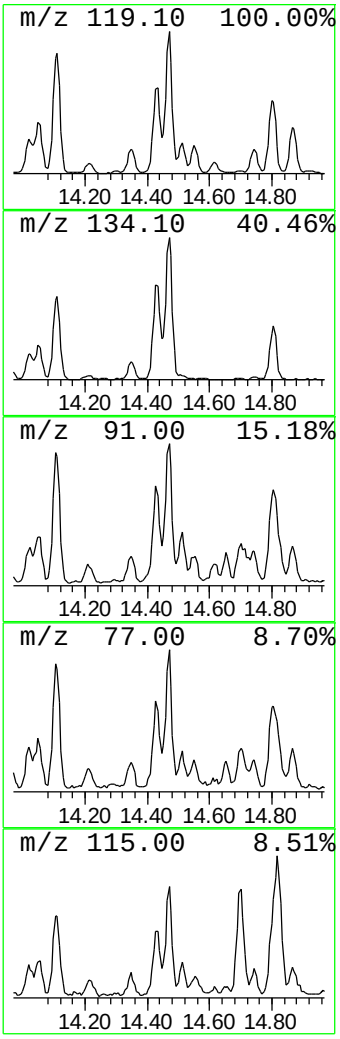
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	25.32 ug/L	483456	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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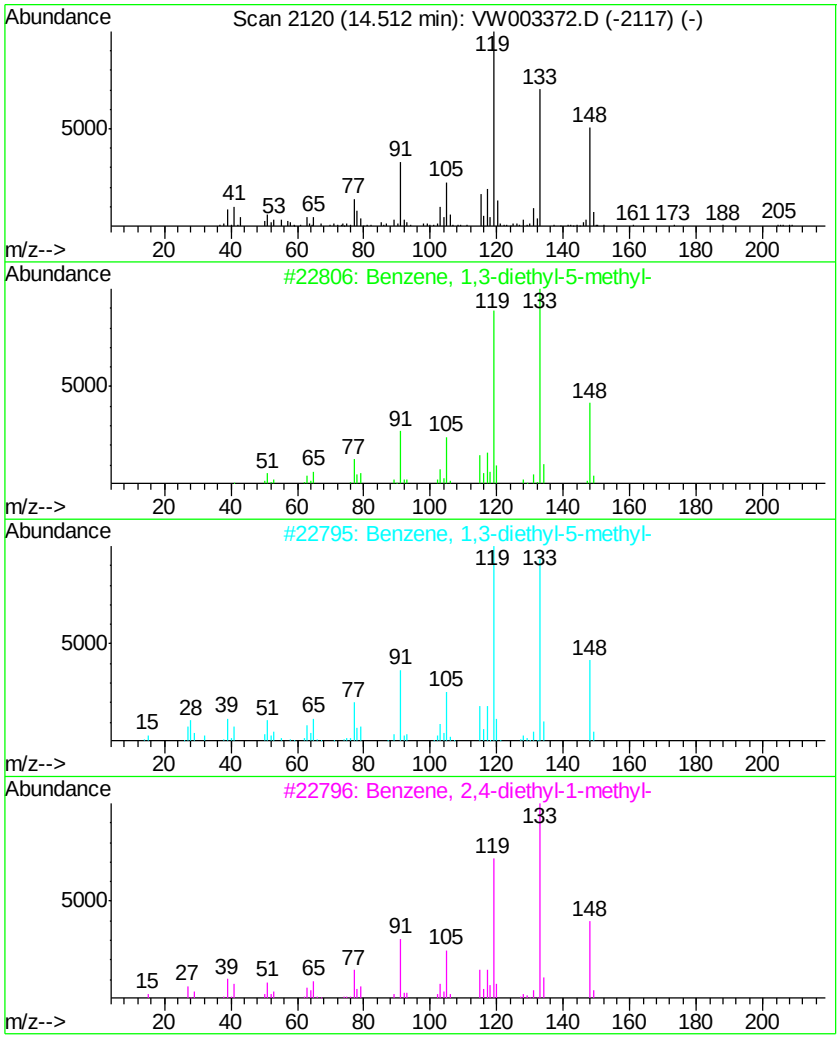
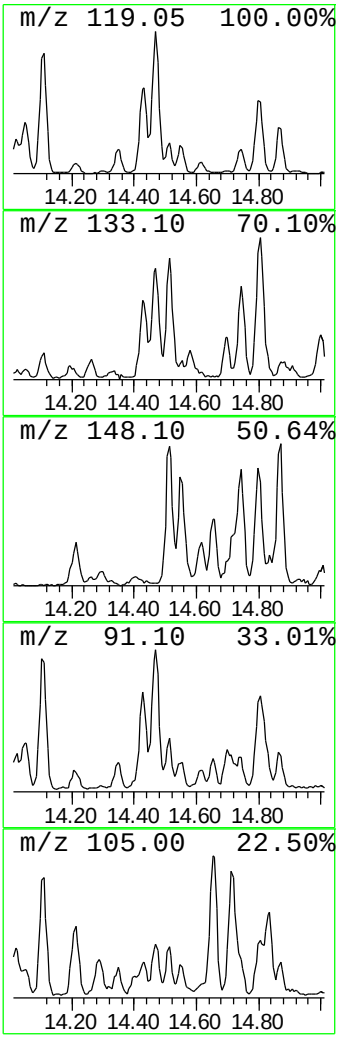
Peak Number 16 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	6.25 ug/L	119385	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	62
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	49
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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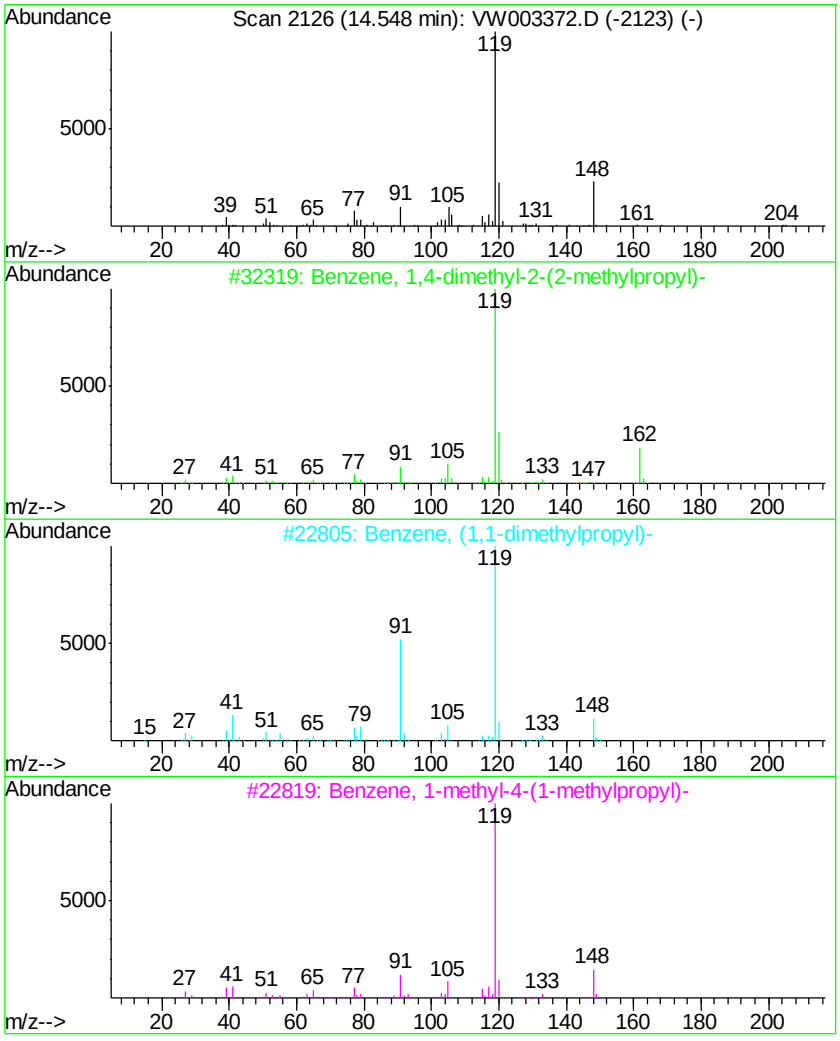
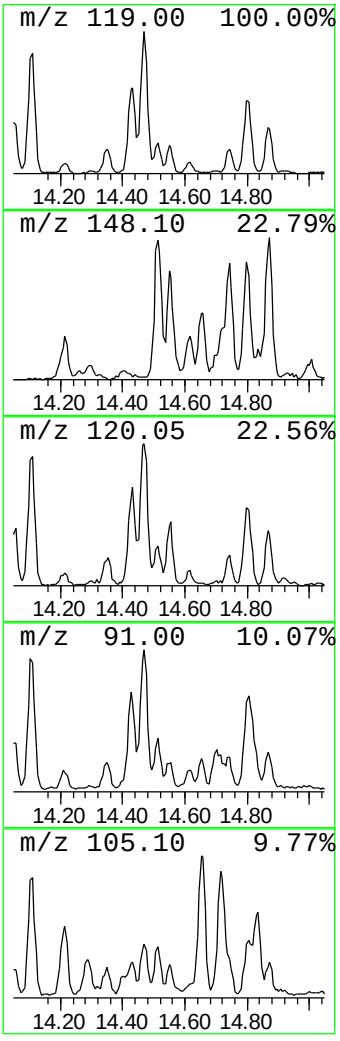
Peak Number 17 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.50 ug/L	85948	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	64
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	59
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58





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Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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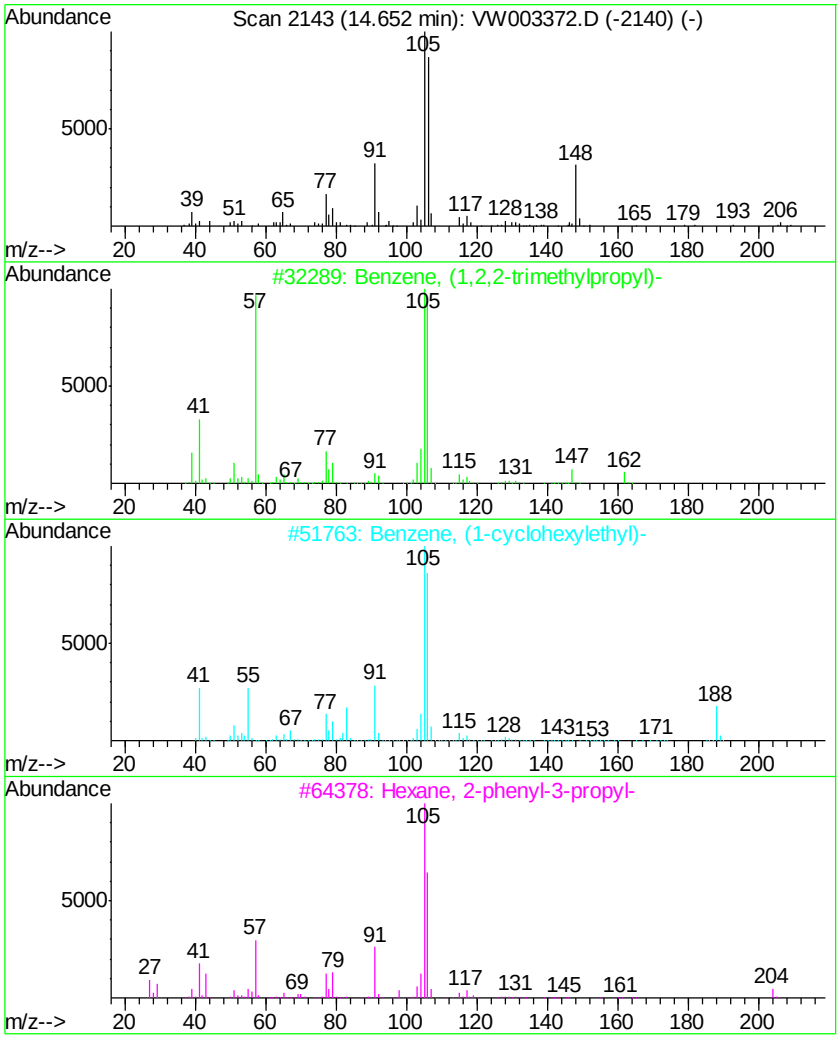
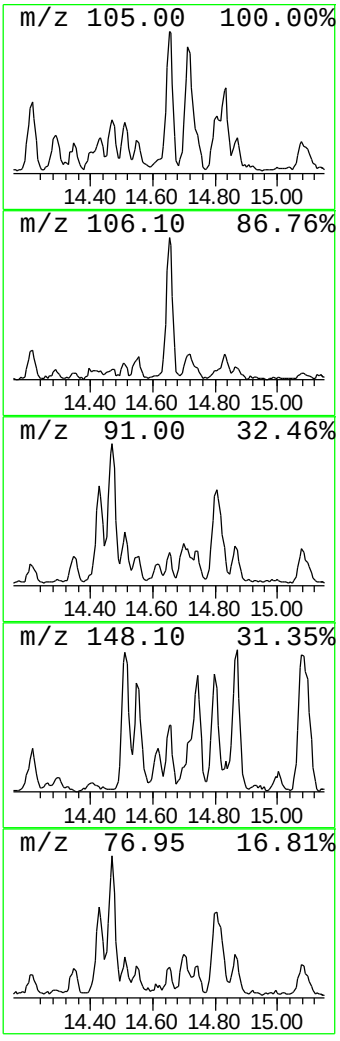
Peak Number 18 Benzene, (1,2,2-trimethylpr... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.57 ug/L	49167	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	64
2	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	64
3	Hexane, 2-phenyl-3-propyl-	204	C15H24	1000161-01-5	64
4	Benzenamine, 4-propyl-	135	C9H13N	002696-84-6	47
5	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	47





Library Search Compound Report

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Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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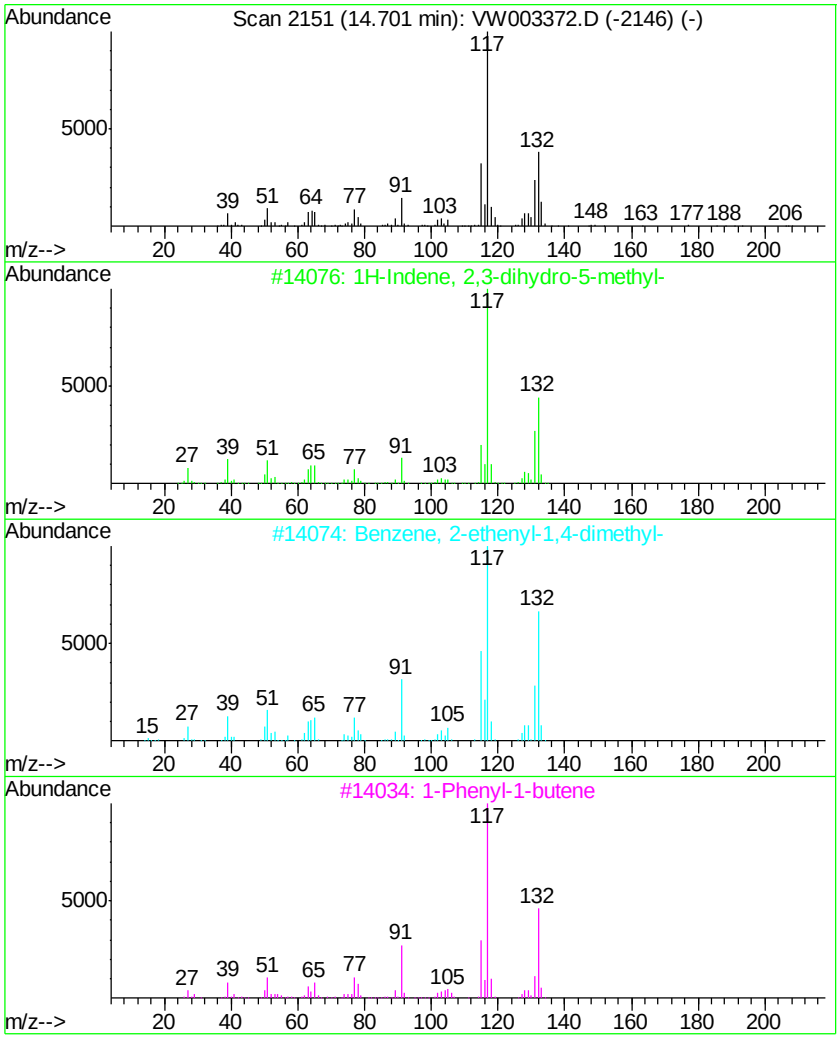
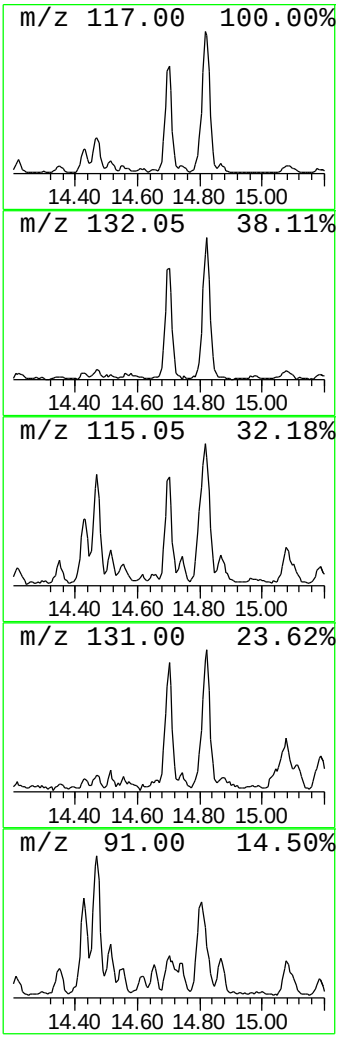
Peak Number 19 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	10.24 ug/L	195566	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

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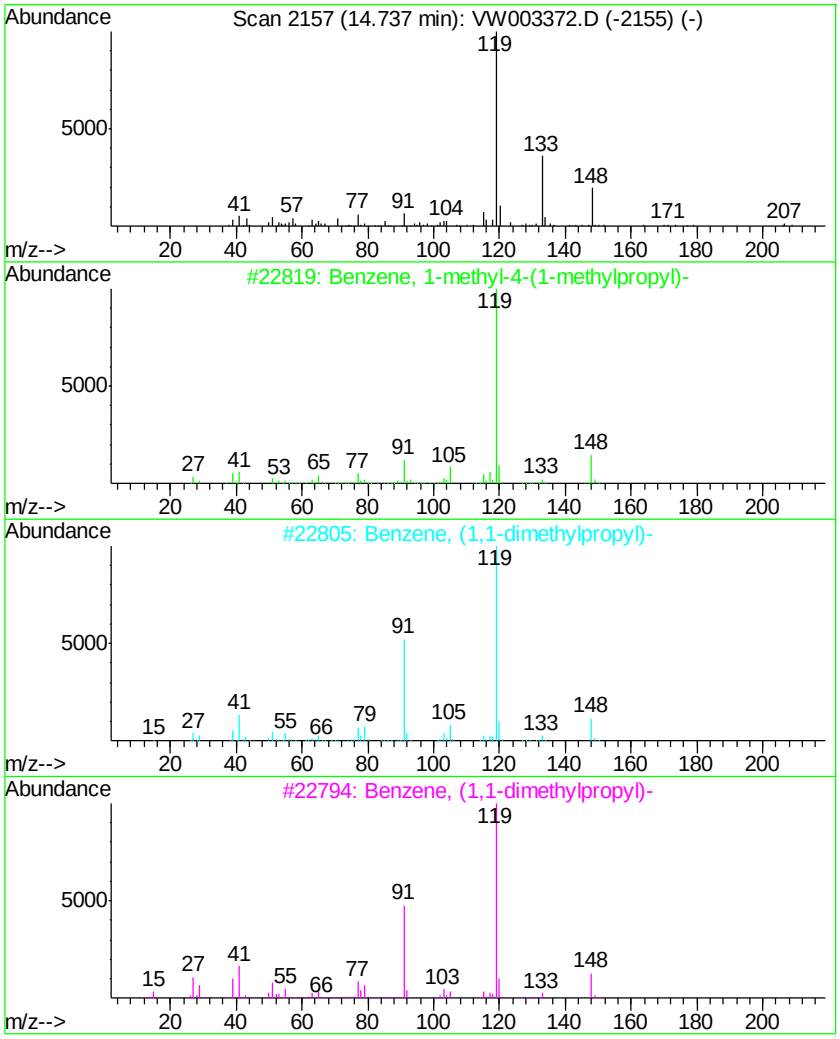
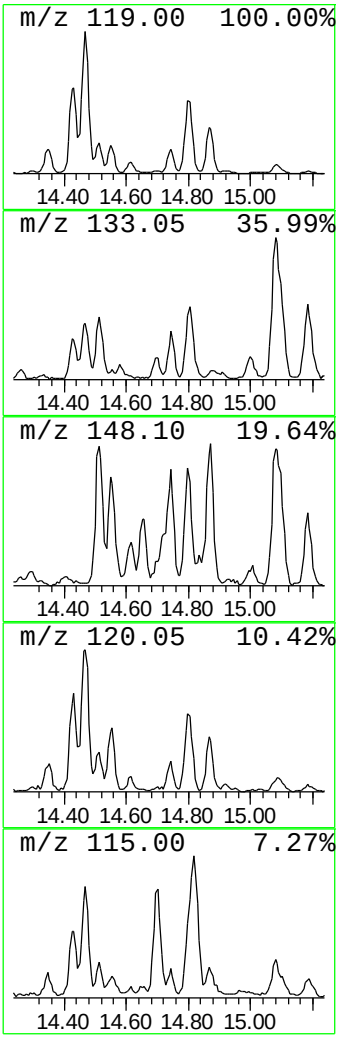
Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.98 ug/L	95074	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4	p-Cymene	134	C10H14	000099-87-6	49
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

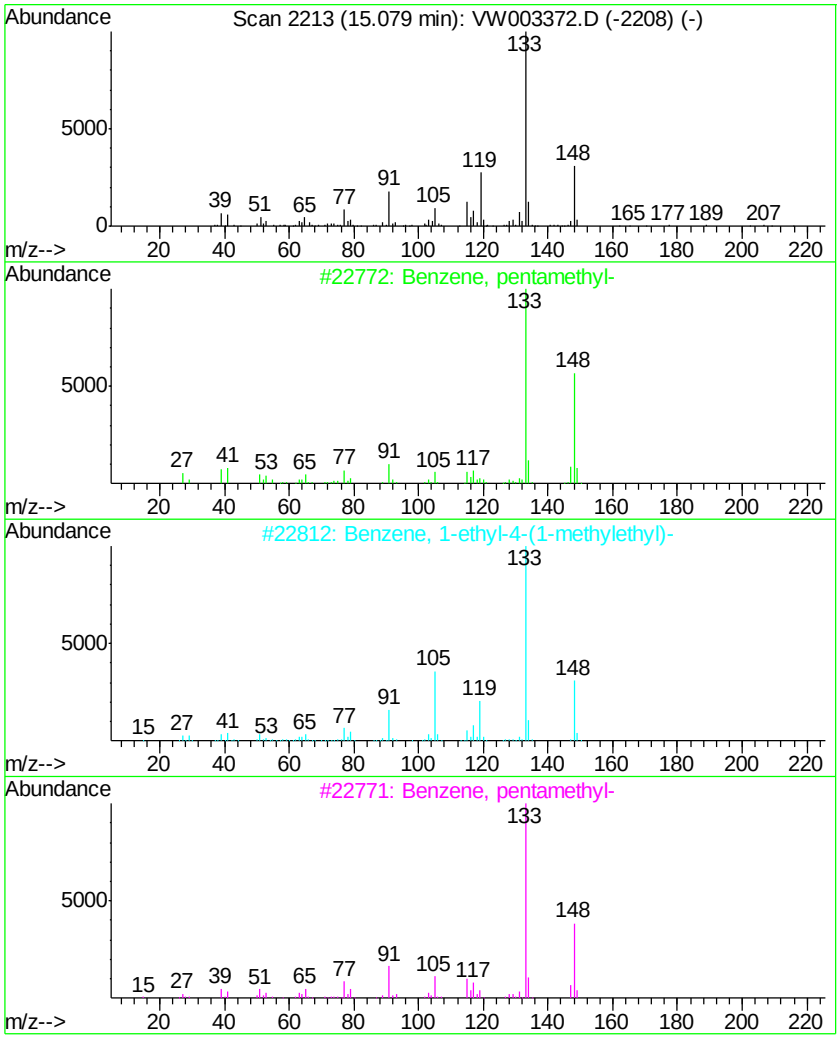
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

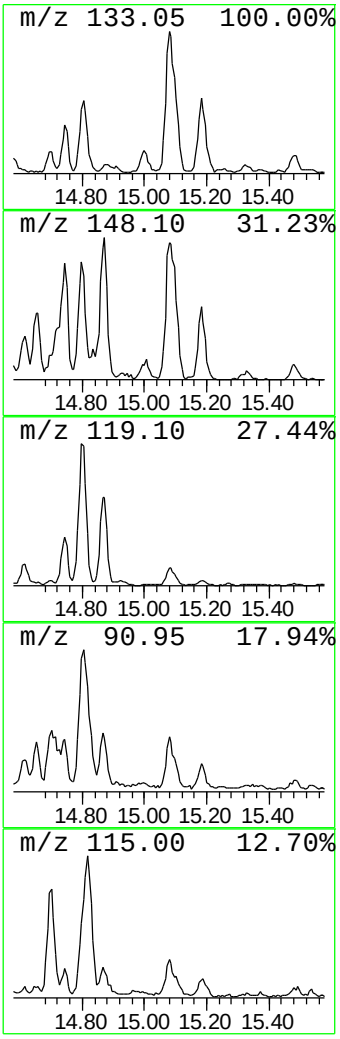
****

Peak Number 23 Benzene, pentamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	9.84 ug/L	187960	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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

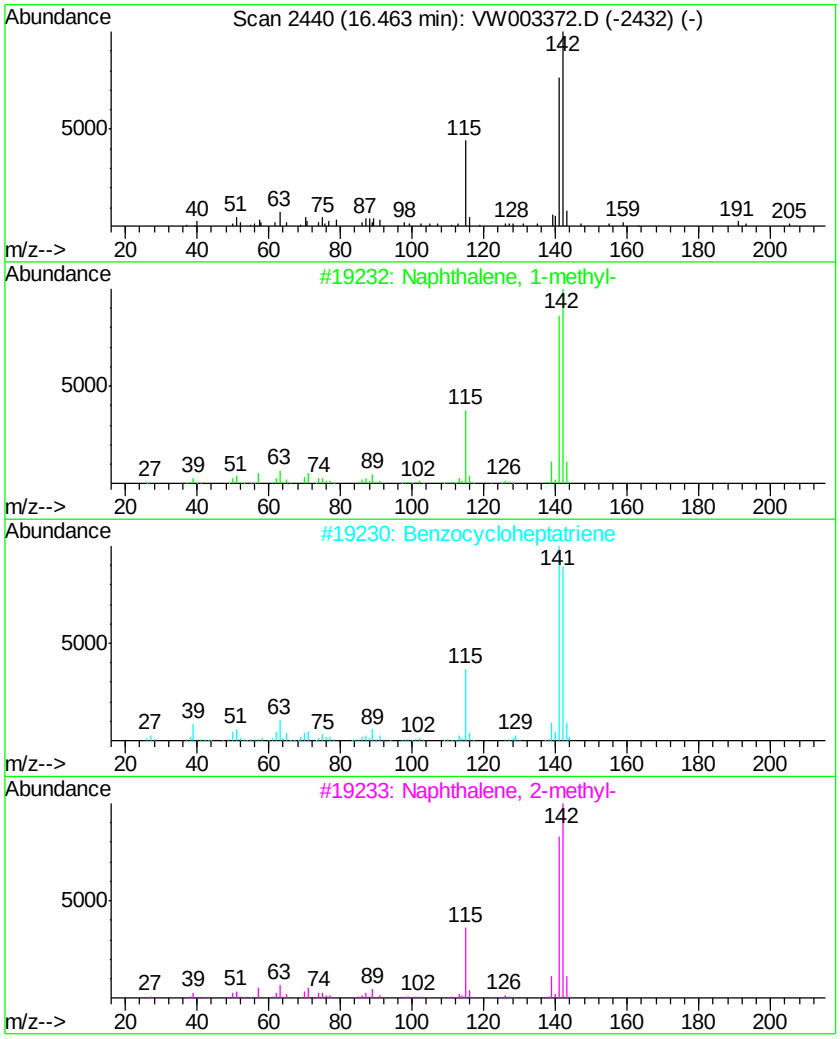
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

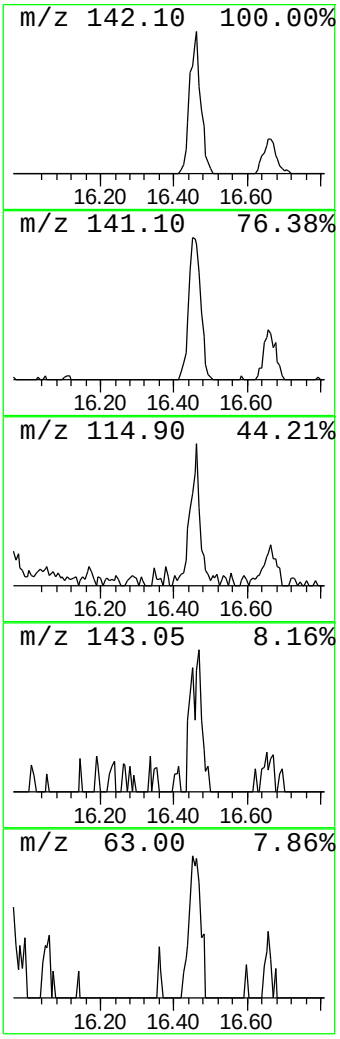
****

Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	1.41 ug/L	26877	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003372.D
Acq On : 21 Jun 2018 00:04
Operator : SY/AP
Sample : J3569-19
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2

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
unknown-01	12.60	2.7	ug/L	52242	3	13.57	477393	25.0
Mesitylene	13.26	1.4	ug/L	27561	3	13.57	477393	25.0
Benzene, 1-methyl...	13.76	3.9	ug/L	74631	3	13.57	477393	25.0
Benzene, 1,3-diet...	13.80	10.8	ug/L	205824	3	13.57	477393	25.0
Benzene, 2-ethyl-...	14.02	7.1	ug/L	135155	3	13.57	477393	25.0
o-Cymene	14.05	7.1	ug/L	135181	3	13.57	477393	25.0
Benzene, 4-ethyl-...	14.11	22.3	ug/L	426411	3	13.57	477393	25.0
Benzene, 1-ethyl-...	14.21	3.5	ug/L	67833	3	13.57	477393	25.0
unknown-02	14.29	1.3	ug/L	25345	3	13.57	477393	25.0
Benzene, 1,2,4,5-...	14.43	17.8	ug/L	339123	3	13.57	477393	25.0
Benzene, 1,2,3,4-...	14.47	25.3	ug/L	483456	3	13.57	477393	25.0
Benzene, 1,3-diet...	14.51	6.3	ug/L	119385	3	13.57	477393	25.0
Benzene, 1,4-dime...	14.55	4.5	ug/L	85948	3	13.57	477393	25.0
Benzene, (1,2,2-t...	14.65	2.6	ug/L	49167	3	13.57	477393	25.0
1H-Indene, 2,3-di...	14.70	10.2	ug/L	195566	3	13.57	477393	25.0
Benzene, 1-methyl...	14.74	5.0	ug/L	95074	3	13.57	477393	25.0
Benzene, pentamet...	15.08	9.8	ug/L	187960	3	13.57	477393	25.0
Naphthalene, 1-me...	16.46	1.4	ug/L	26877	3	13.57	477393	25.0