LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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	1.807	27	36	57	rVB	7405285	15899502	100.00%	57.906%
2	2.209	88	102	104	rBV7	8241	26660	0.17%	0.097%
3	2.349	117	125	134	rBV	131143	241710	1.52%	0.880%
4	2.764	191	193	196	rBV4	1842	1588	0.01%	0.006%
5	2.886	204	213	226	rBV	77944	200400	1.26%	0.730%
6	3.081	243	245	246	rVB2	1956	1098	0.01%	0.004%
7	3.380	289	294	297	rBV5	4081	7526	0.05%	0.027%
8	3.849	365	371	375	rBV7	1897	4489	0.03%	0.016%
9	4.008	386	397	413	rBV	173059	555426	3.49%	2.023%
10	4.148	413	420	423	rBV5	4984	12040	0.08%	0.044%
11	4.355	450	454	458	rVV6	652	912	0.01%	0.003%
12	4.617	488	497	504	rVV2	2888	9332	0.06%	0.034%
13	4.678	504	507	510	rVV3	1083	1911	0.01%	0.007%
14	4.916	534	546	561	rVB4	7205	27319	0.17%	0.099%
15	5.148	580	584	586	rVB3	602	956	0.01%	0.003%
16	5.202	586	593	596	rBV3	579	840	0.01%	0.003%
17	5.562	648	652	657	rVB4	482	1023	0.01%	0.004%
18	5.782	681	688	694	rBV5	1752	4848	0.03%	0.018%
19	5.934	706	713	722	rVB6	3081	9381	0.06%	0.034%
20	6.489	801	804	809	rVB4	514	996	0.01%	0.004%
21	7.092	893	903	914	rBV2	43084	136707	0.86%	0.498%
22	7.446	956	961	962	rBV2	1139	1272	0.01%	0.005%
23	7.476	962	966	973	rVV4	1835	5488	0.03%	0.020%
24	7.550	977	978	983	rVB4	876	1175	0.01%	0.004%
25	7.647	983	994	1006	rBV	253591	632881	3.98%	2.305%
26	7.928	1034	1040	1041	rBV4	494	969	0.01%	0.004%
27	8.281	1086	1098	1114	rBV2	486413	1497119	9.42%	5.452%
28	8.403	1116	1118	1122	rVB3	1030	1181	0.01%	0.004%
29	8.629	1153	1155	1160	rVB5	765	1243	0.01%	0.005%
30	8.702	1162	1167	1172	rVB5	1482	2153	0.01%	0.008%
31	8.848	1181	1191	1203	rBV	428653	852464	5.36%	3.105%
32	9.086	1221	1230	1234	rBV6	2347	6759	0.04%	0.025%
33	9.281	1252	1262	1271	rBV	349670	706158	4.44%	2.572%
34	9.385	1277	1279	1288	rVB7	1029	1488	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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	9.464	1288	1292	1300	rVB6	1286	2983	0.02%	0.011%
36	9.555	1302	1307	1310	rBV5	570	954	0.01%	0.003%
37	9.671	1320	1326	1333	rBV7	1735	4075	0.03%	0.015%
38	9.763	1335	1341	1348	rVB3	7384	15071	0.09%	0.055%
39	9.897	1352	1363	1370	rBV2	14243	31273	0.20%	0.114%
40	10.037	1377	1386	1397	rBV	118793	221580	1.39%	0.807%
41	10.128	1399	1401	1406	rVB6	1301	1995	0.01%	0.007%
42	10.250	1418	1421	1426	rVB4	2808	4710	0.03%	0.017%
43	10.330	1426	1434	1442	rBV	659919	1137352	7.15%	4.142%
44	10.391	1442	1444	1447	rVV4	3495	4985	0.03%	0.018%
45	10.427	1447	1450	1457	rVV7	6154	11520	0.07%	0.042%
46	10.512	1457	1464	1466	rVV8	1676	3447	0.02%	0.013%
47	10.580	1468	1475	1488	rVB	83911	153144	0.96%	0.558%
48	10.701	1493	1495	1496	rBV2	1734	1274	0.01%	0.005%
49	10.769	1504	1506	1510	rVB4	1408	1811	0.01%	0.007%
50	10.933	1526	1533	1543	rBV	128901	222292	1.40%	0.810%
51	11.092	1556	1559	1568	rVB5	3358	6319	0.04%	0.023%
52	11.366	1601	1604	1607	rBV5	1194	1874	0.01%	0.007%
53	11.396	1607	1609	1612	rBV3	1972	2924	0.02%	0.011%
54	11.433	1612	1615	1616	rBV3	1270	1571	0.01%	0.006%
55	11.634	1640	1648	1658	rBV	505542	847088	5.33%	3.085%
56	11.848	1677	1683	1687	rBV8	2320	4990	0.03%	0.018%
57	12.018	1709	1711	1713	rBV3	1790	1723	0.01%	0.006%
58	12.482	1782	1787	1792	rBV8	3494	6848	0.04%	0.025%
59	12.604	1802	1807	1815	rBV3	19591	35045	0.22%	0.128%
60	12.701	1815	1823	1831	rBV	210071	364430	2.29%	1.327%
61	12.878	1850	1852	1854	rBV2	3011	2850	0.02%	0.010%
62	13.262	1910	1915	1919	rBV	9558	15296	0.10%	0.056%
63	13.433	1941	1943	1948	rVB6	6985	7482	0.05%	0.027%
64	13.567	1959	1965	1974	rBV	339181	556416	3.50%	2.026%
65	13.658	1978	1980	1986	rVB7	6695	8182	0.05%	0.030%
66	13.725	1987	1991	1993	rBV2	12962	18602	0.12%	0.068%
67	13.762	1993	1997	1999	rVV	40279	64109	0.40%	0.233%
68	13.805	1999	2004	2008	rVV2	70985	148324	0.93%	0.540%
69	13.859	2008	2013	2021	rVB	310743	531091	3.34%	1.934%
70	13.957	2023	2029	2034	rBV	21900	39638	0.25%	0.144%
71	14.018	2034	2039	2042	rVV	43335	75942	0.48%	0.277%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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	54496	71505	0.45%	0.260%
73	14.103	2048	2053	2061	rVB	140956	232110	1.46%	0.845%
74	14.213	2066	2071	2076	rVB3	21705	39055	0.25%	0.142%
75	14.262	2076	2079	2080	rBV3	4129	4749	0.03%	0.017%
76	14.292	2080	2084	2088	rVV7	5222	11795	0.07%	0.043%
77	14.347	2088	2093	2098	rVV2	31447	54441	0.34%	0.198%
78	14.426	2101	2106	2109	rVV	115704	186395	1.17%	0.679%
79	14.469	2109	2113	2117	rVV	178005	273576	1.72%	0.996%
80	14.512	2117	2120	2123	rVV	54451	82408	0.52%	0.300%
81	14.548	2123	2126	2133	rVV	40731	71608	0.45%	0.261%
82	14.615	2133	2137	2139	rVV	16778	26006	0.16%	0.095%
83	14.652	2139	2143	2146	rVV	28325	41586	0.26%	0.151%
84	14.701	2146	2151	2155	rVV2	62943	124422	0.78%	0.453%
85	14.743	2155	2158	2162	rVV	43374	62229	0.39%	0.227%
86	14.804	2162	2168	2175	rVV2	123131	300901	1.89%	1.096%
87	14.865	2175	2178	2191	rVB	61165	105063	0.66%	0.383%
88	15.079	2208	2213	2221	rBV	50284	110561	0.70%	0.403%
89	15.188	2226	2231	2239	rVV3	25169	53222	0.33%	0.194%
90	15.262	2241	2243	2250	rVB7	3852	6386	0.04%	0.023%
91	15.377	2256	2262	2269	rVB	55471	98975	0.62%	0.360%
92	15.481	2275	2279	2286	rBV5	12121	22458	0.14%	0.082%
93	15.670	2305	2310	2315	rVB3	8196	14971	0.09%	0.055%
94	15.755	2320	2324	2327	rBV5	3240	5578	0.04%	0.020%
95	15.969	2354	2359	2363	rVB5	7532	14386	0.09%	0.052%
96	16.140	2385	2387	2391	rVB5	1384	2165	0.01%	0.008%
97	16.280	2408	2410	2411	rVB2	1473	901	0.01%	0.003%
98	16.304	2411	2414	2418	rBV6	1433	2279	0.01%	0.008%
99	16.457	2432	2439	2446	rBV2	8057	18891	0.12%	0.069%
100	16.652	2468	2471	2473	rBV4	3545	4677	0.03%	0.017%

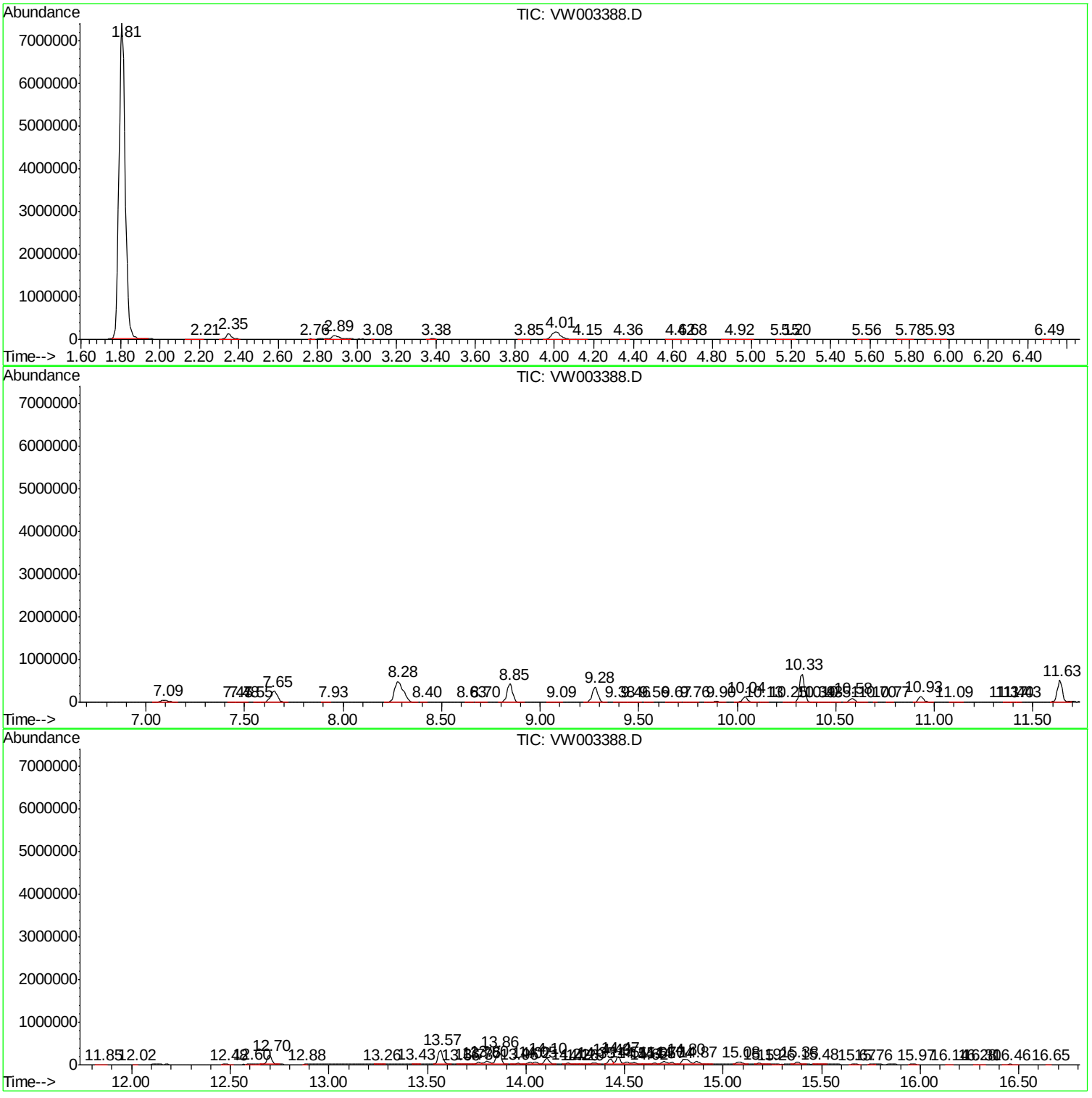
Sum of corrected areas: 27457523

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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

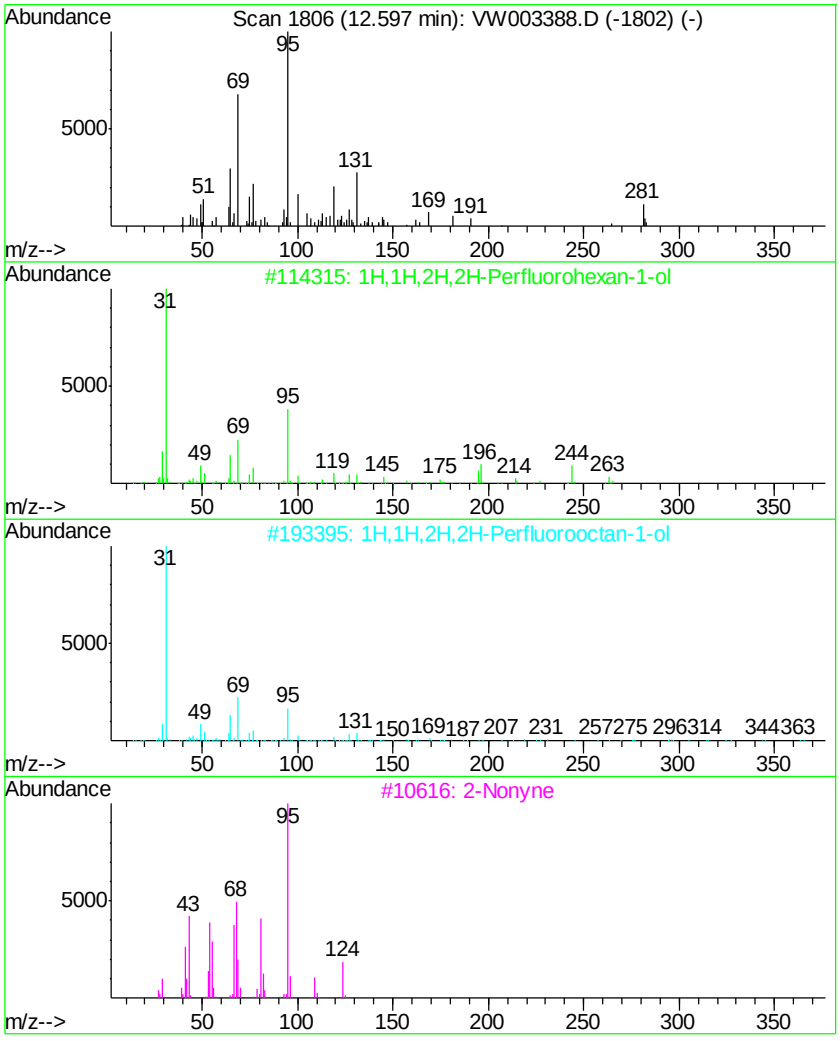
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

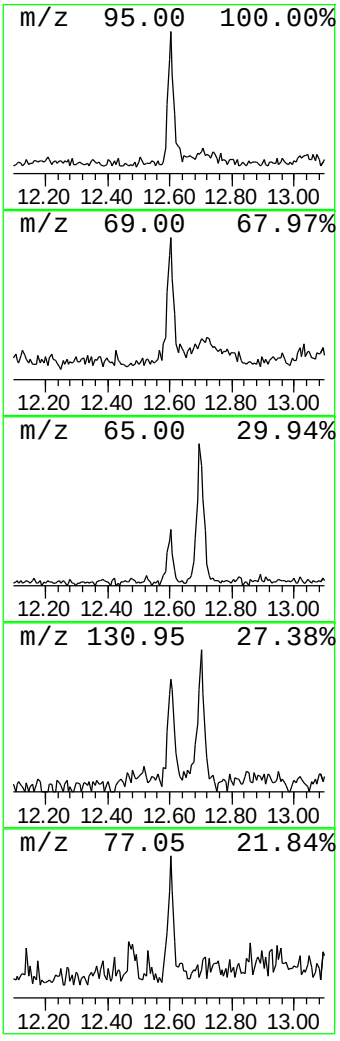
****

Peak Number 3 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	1.57 ug/L	35045	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,1H,2H,2H-Perfluorohexan-1-ol	264	C6H5F9O	002043-47-2	42
2	1H,1H,2H,2H-Perfluorooctan-1-ol	364	C8H5F13O	000647-42-7	38
3	2-Nonyne	124	C9H16	019447-29-1	22
4	.beta.-Alanine, N-(2-furoyl)-, h...	281	C15H23NO4	1000321-97-7	17
5	2-C14H26	194	C14H26	000638-60-8	12





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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

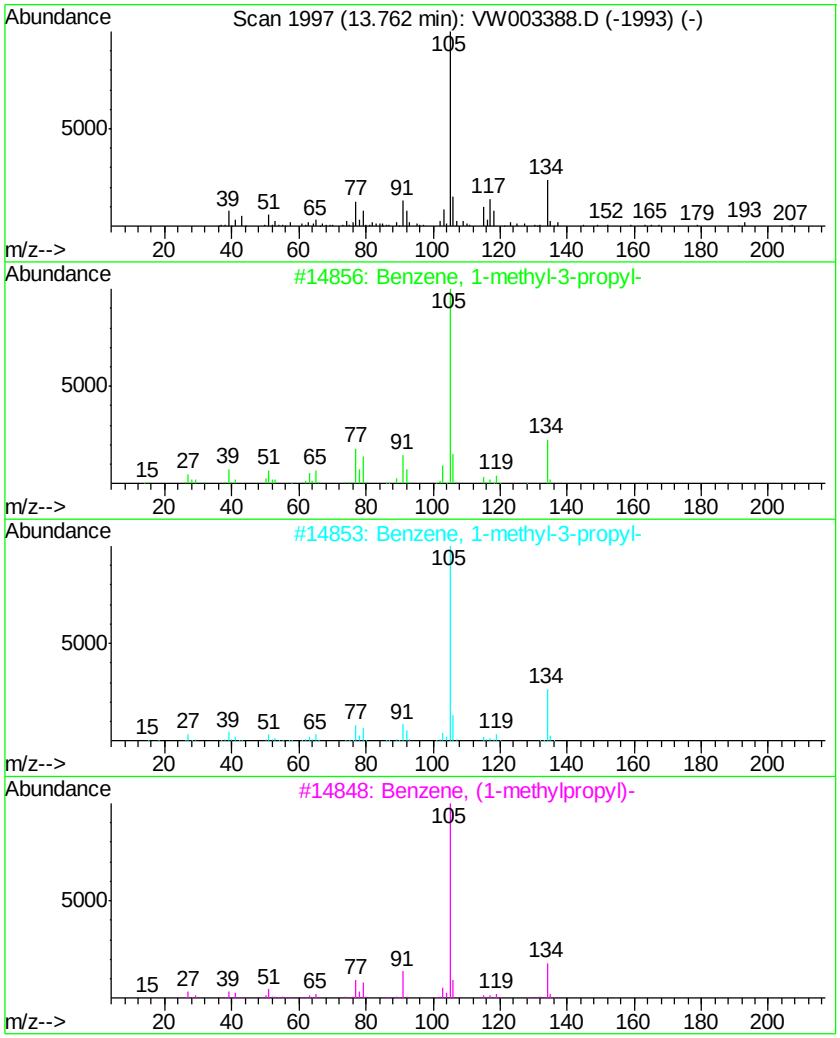
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

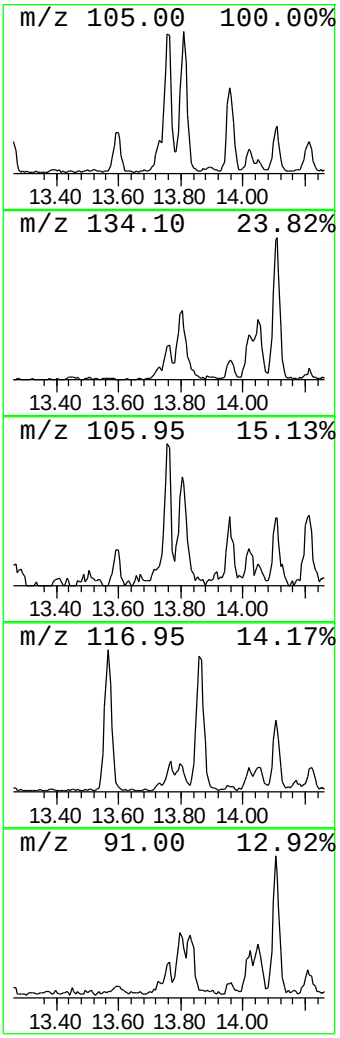
****

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.88 ug/L	64109	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	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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

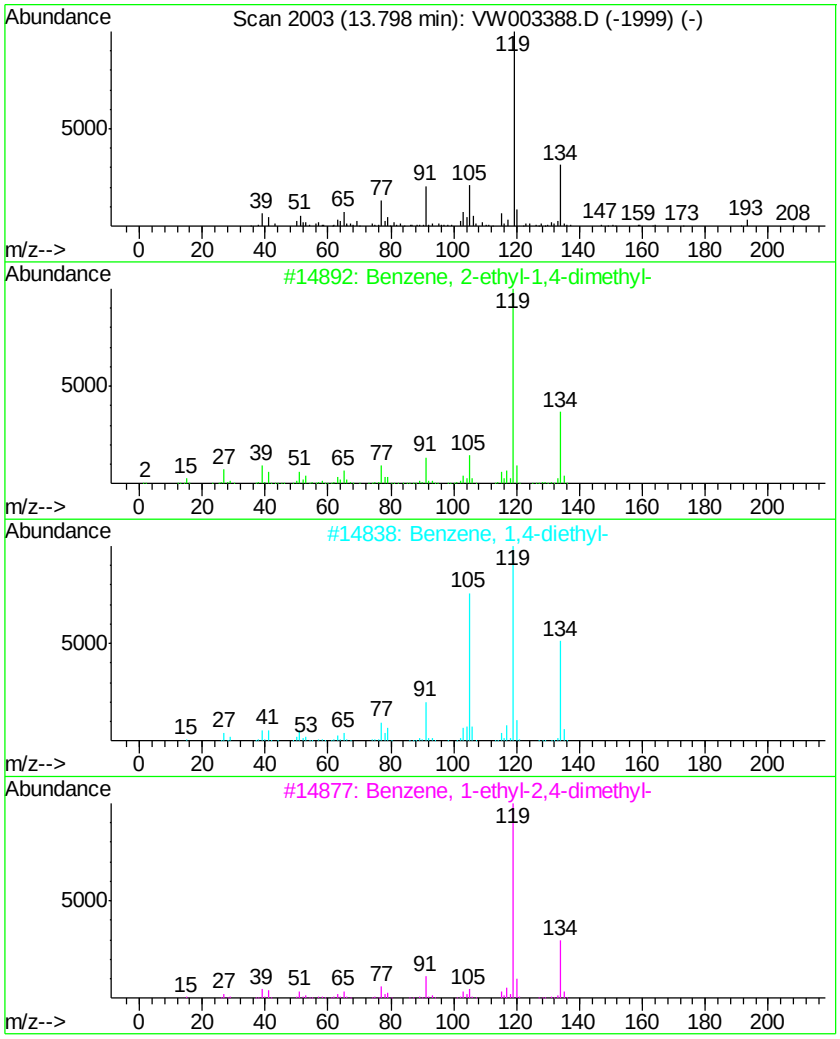
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

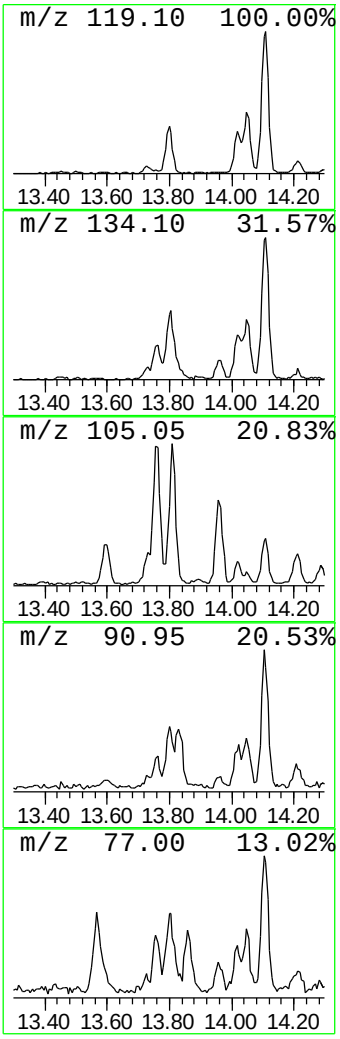
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.66 ug/L	148324	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	90
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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

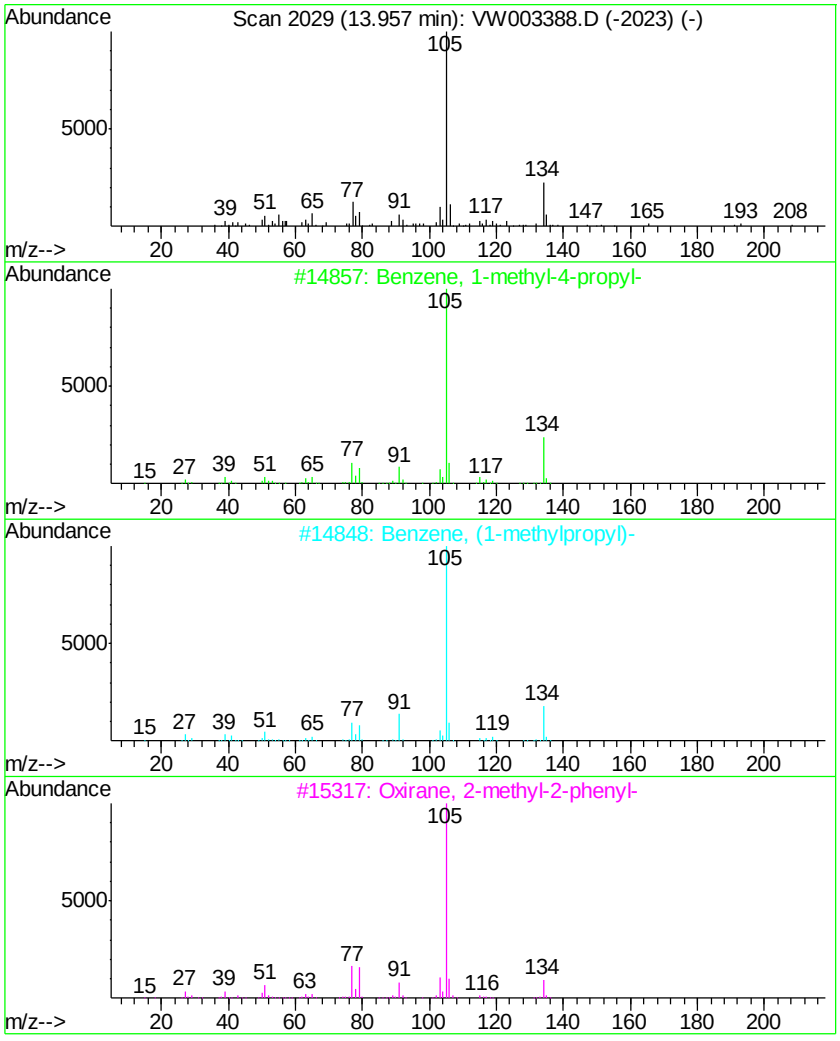
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

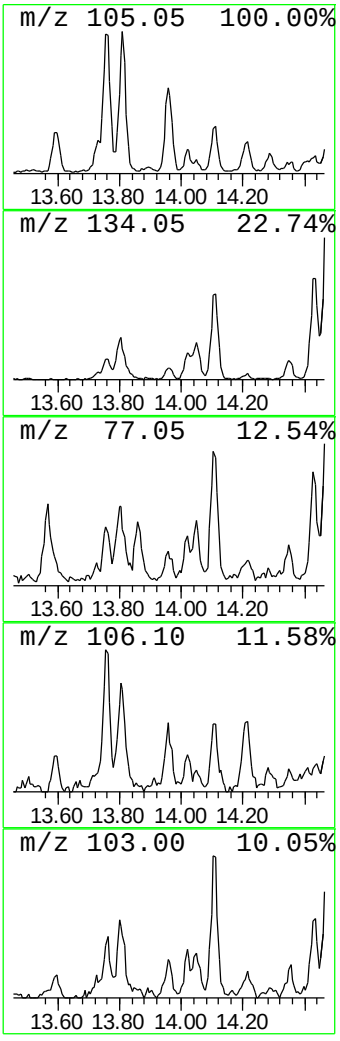
****

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	1.78 ug/L	39638	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	83
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
5	2-Tolyloxirane	134	C9H10O	002783-26-8	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

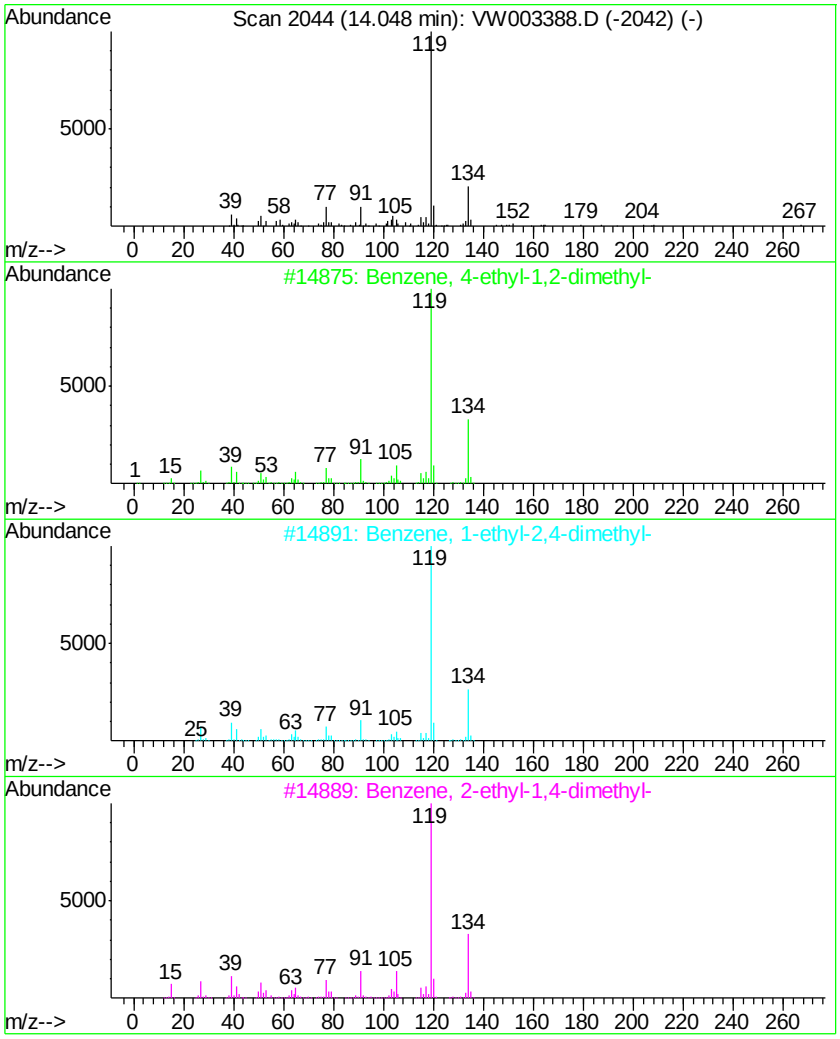
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

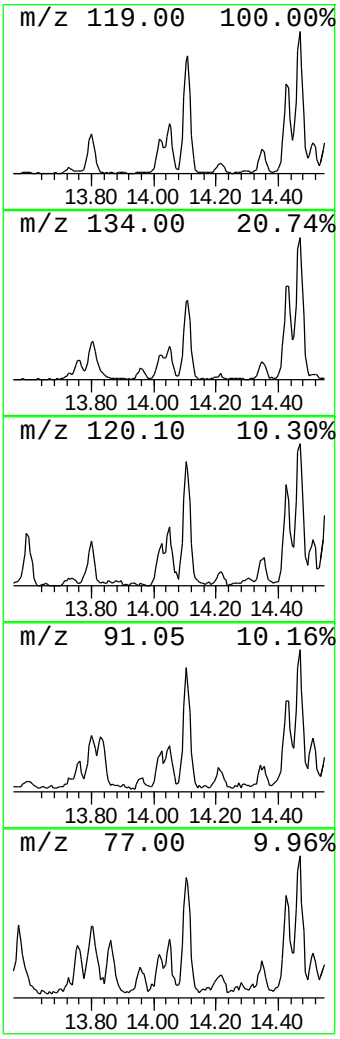
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.21 ug/L	71505	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	87
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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

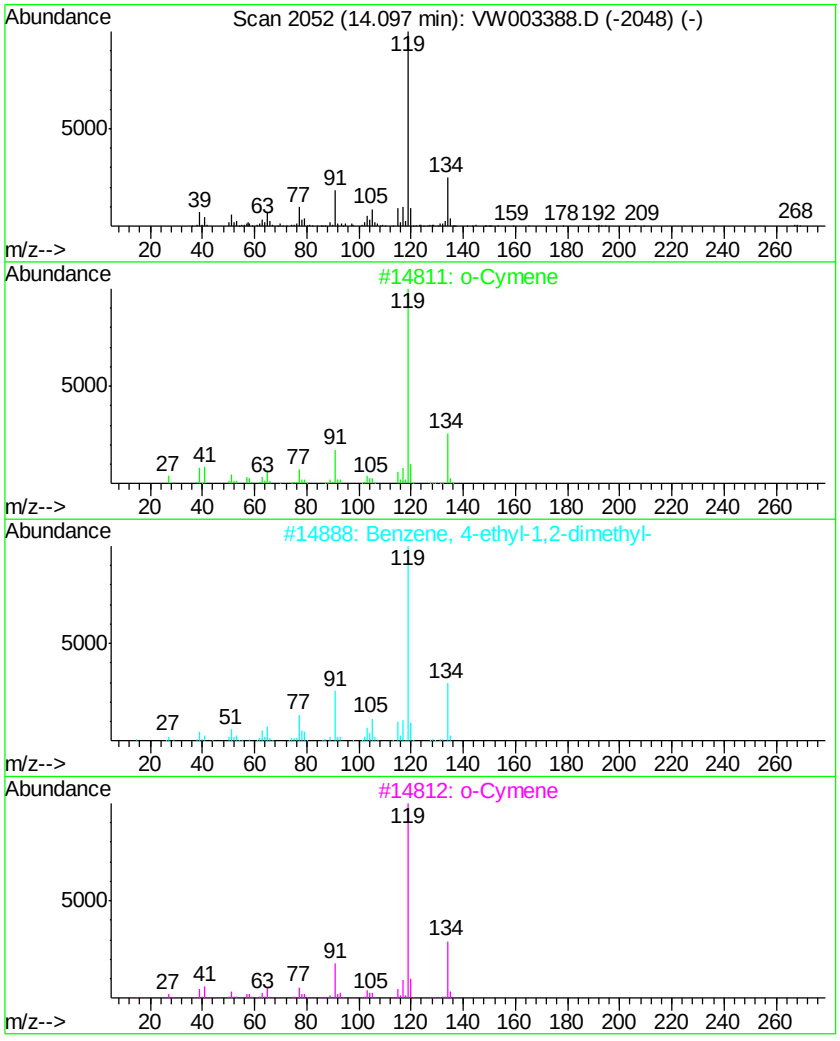
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

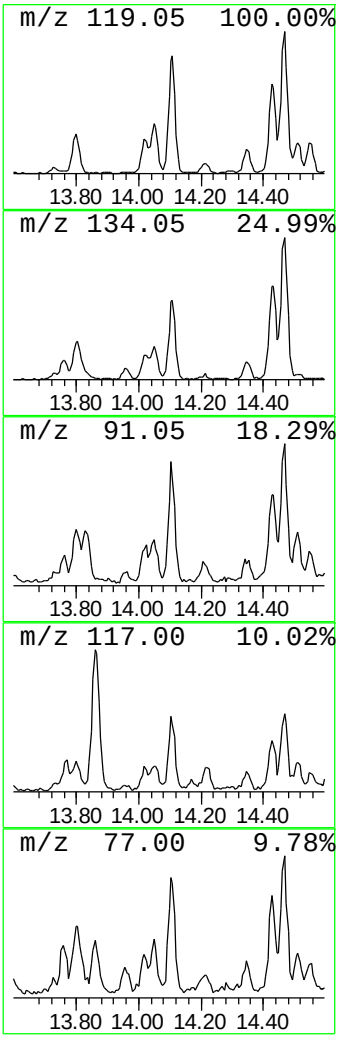
****

Peak Number 9 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	10.43 ug/L	232110	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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

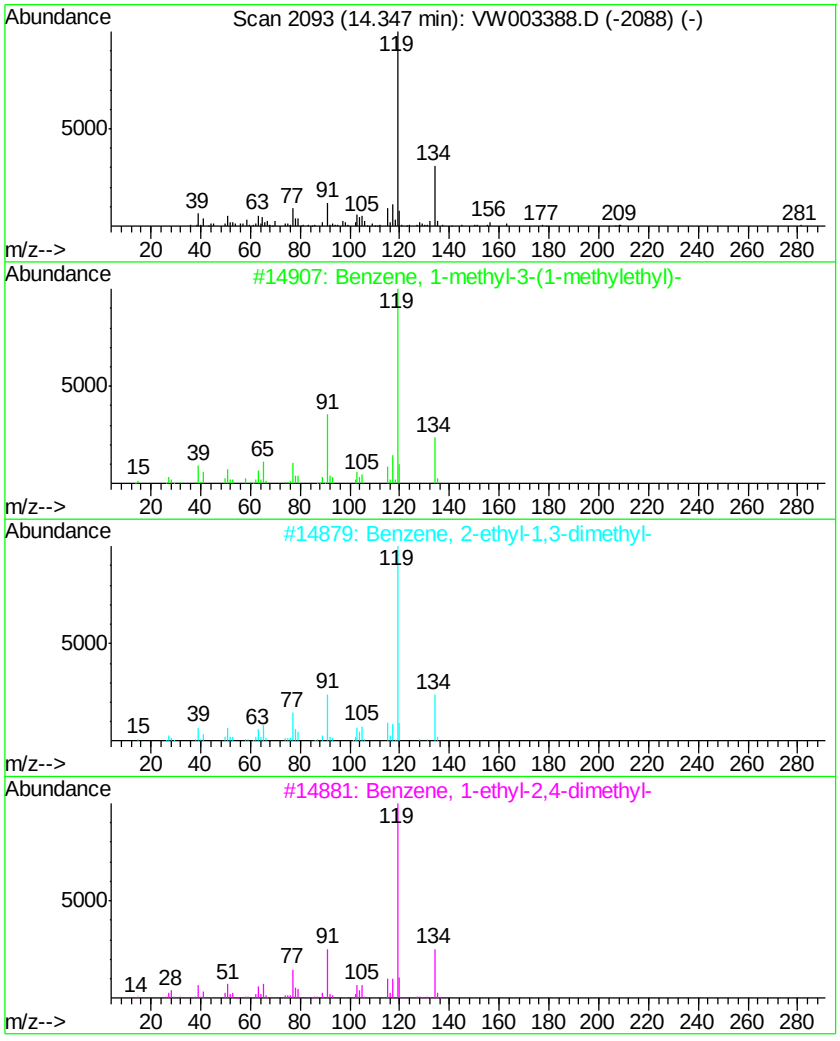
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

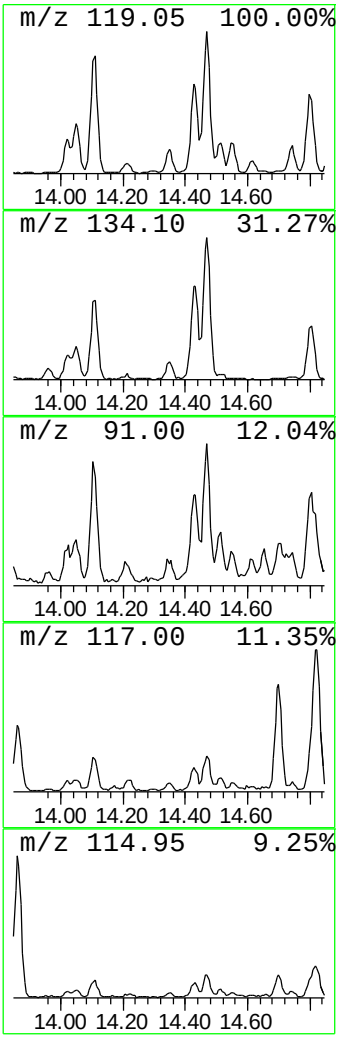
****

Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.45 ug/L	54441	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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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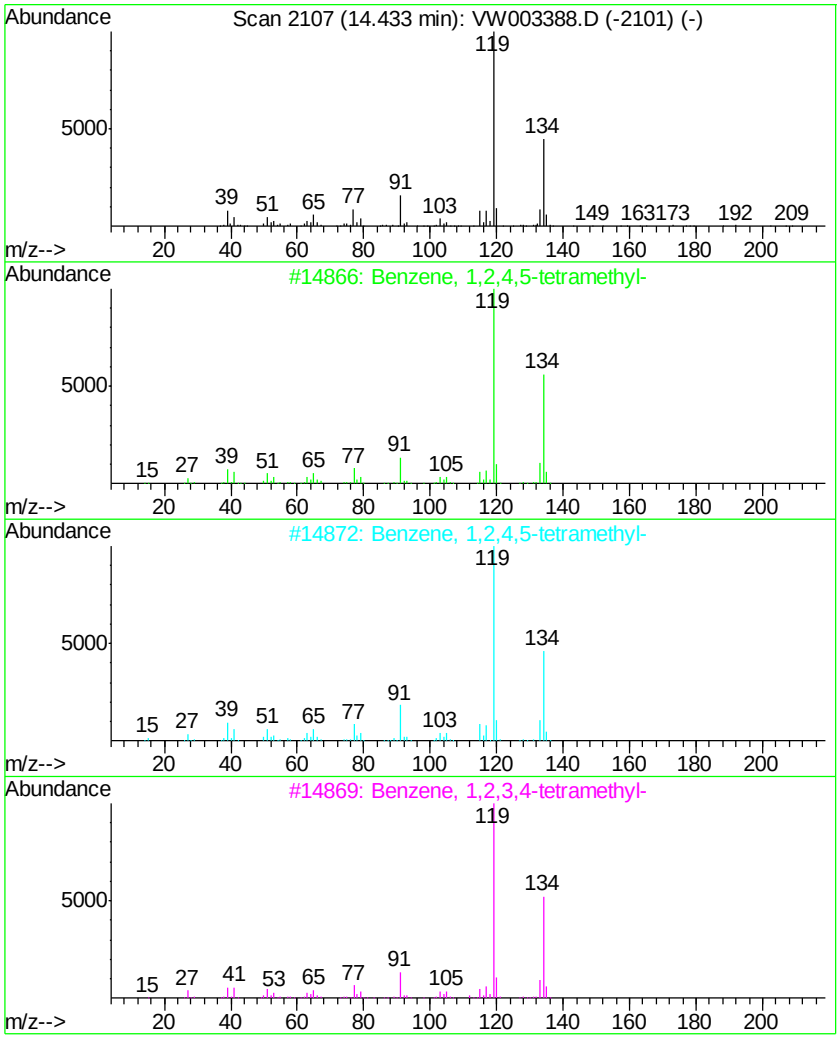
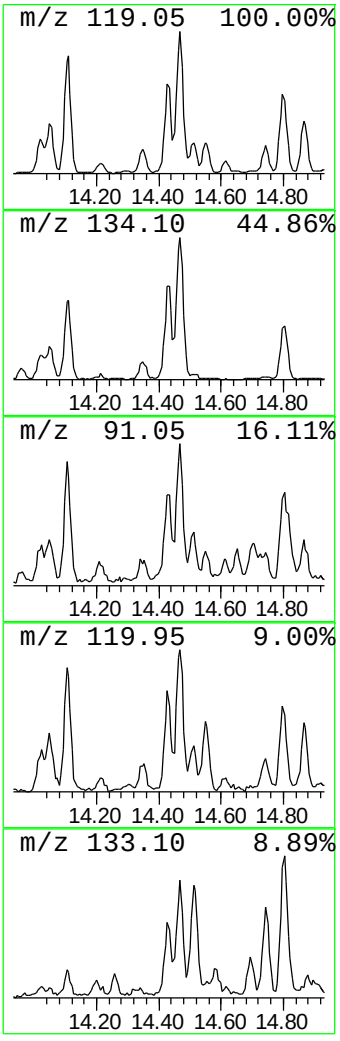
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	8.37 ug/L	186395	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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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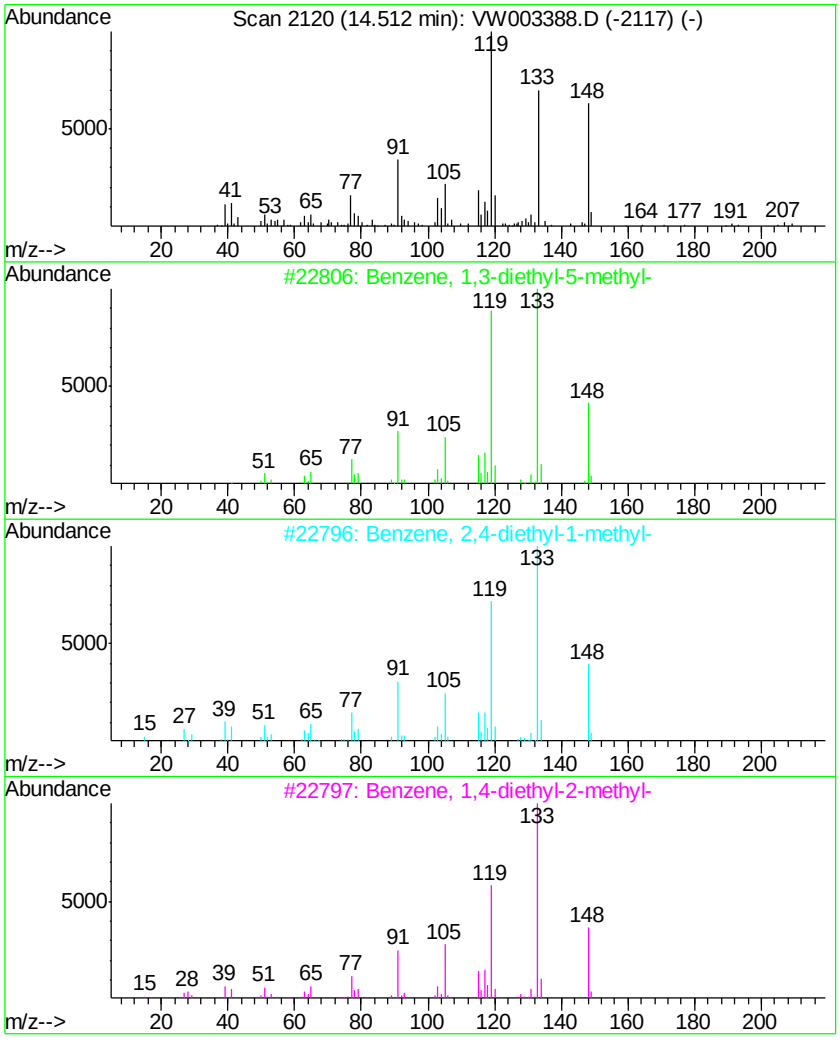
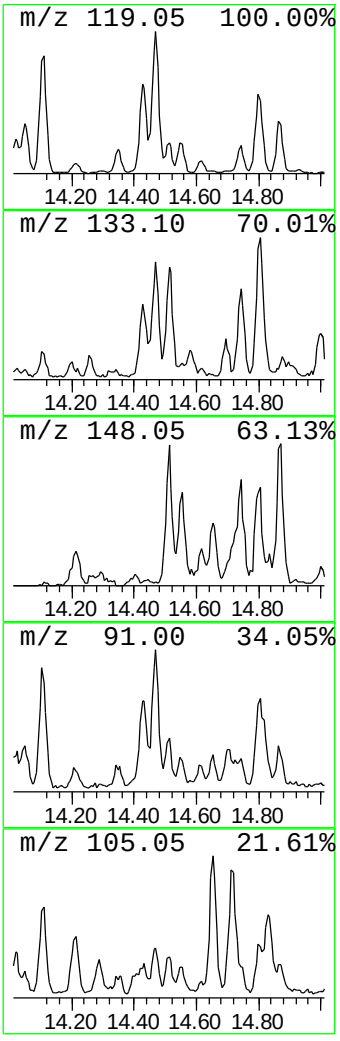
Peak Number 14 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.70 ug/L	82408	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	64
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	49
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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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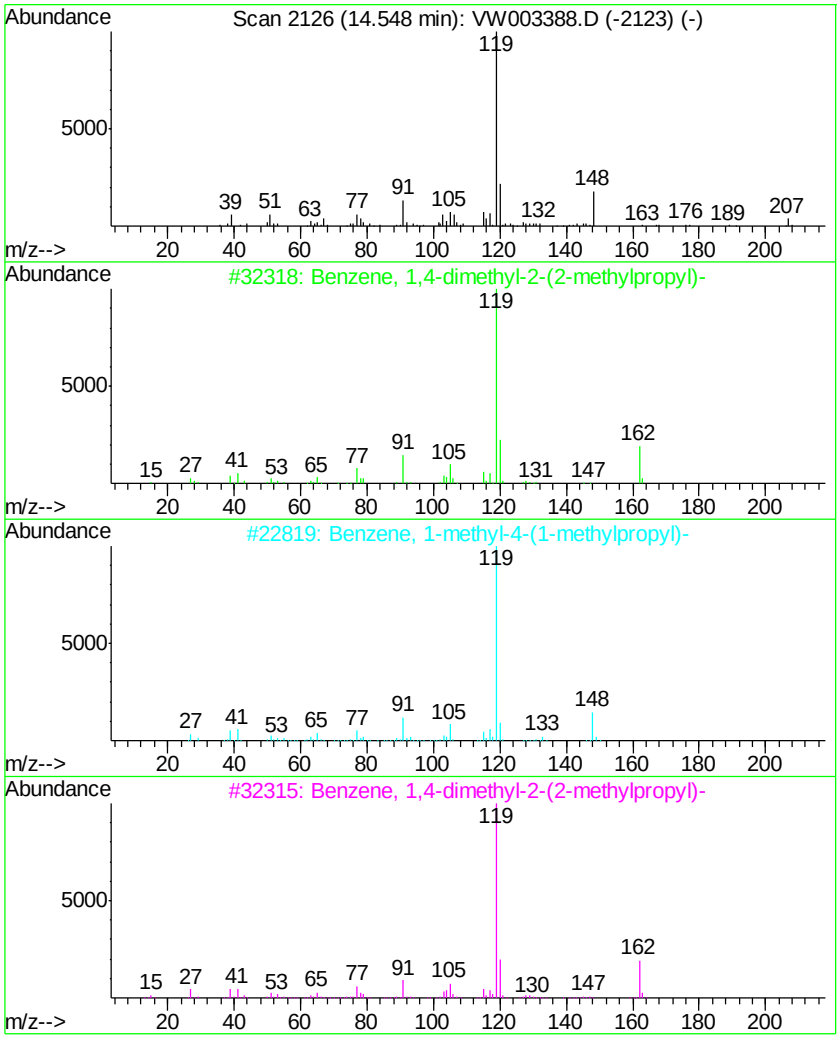
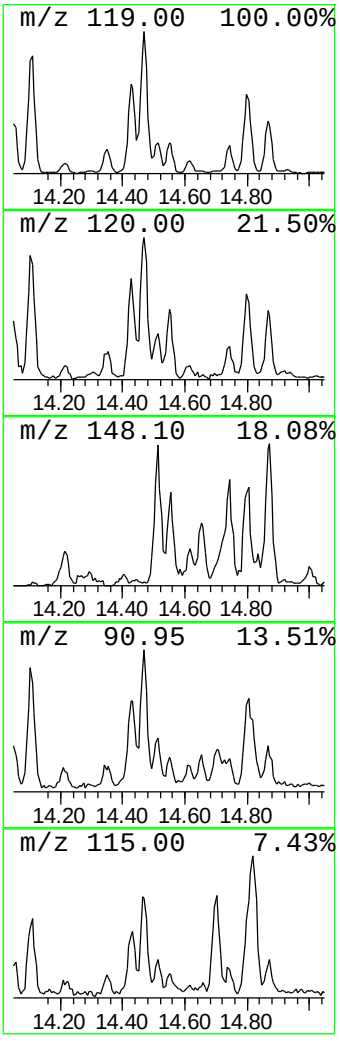
Peak Number 15 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.22 ug/L	71608	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	72
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	72
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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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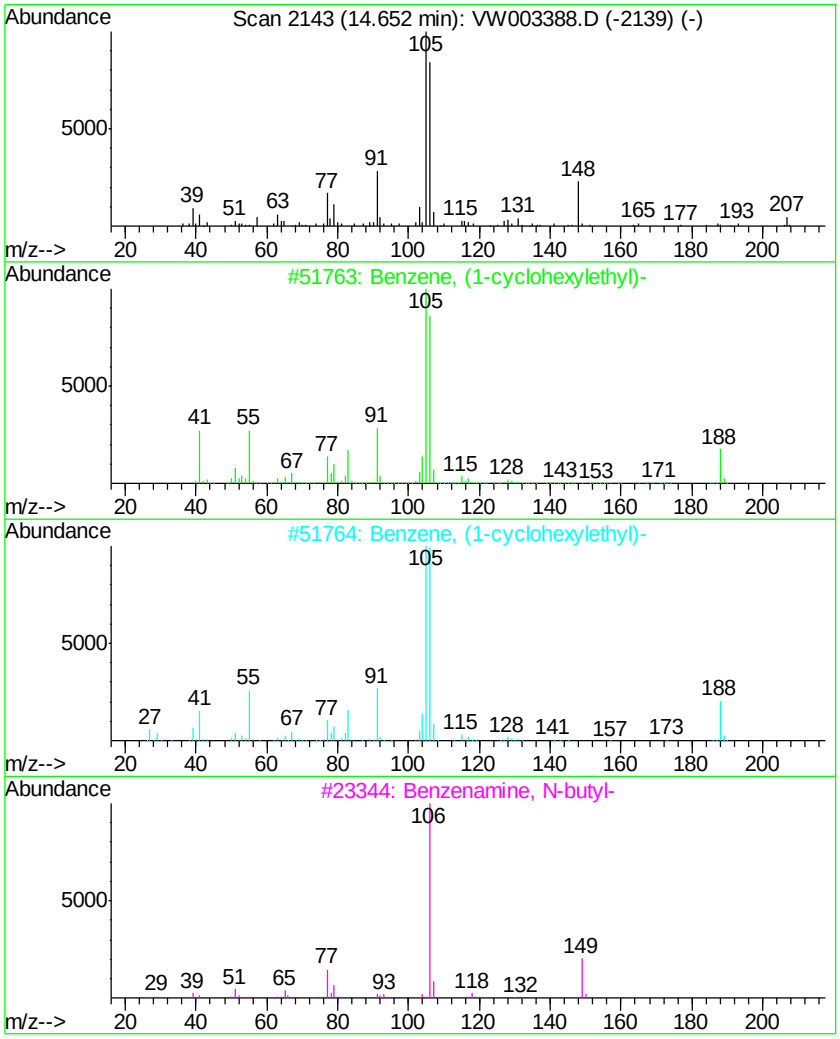
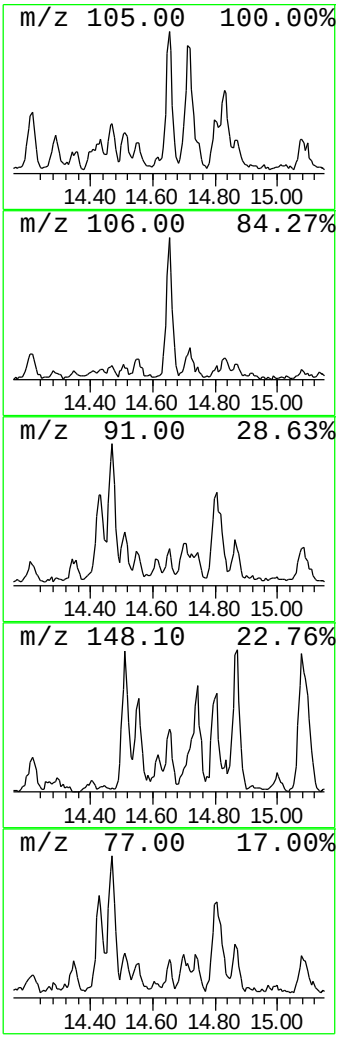
Peak Number 16 Benzene, (1-cyclohexylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	1.87 ug/L	41586	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	64
2	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	59
3	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	47
4	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	47
5	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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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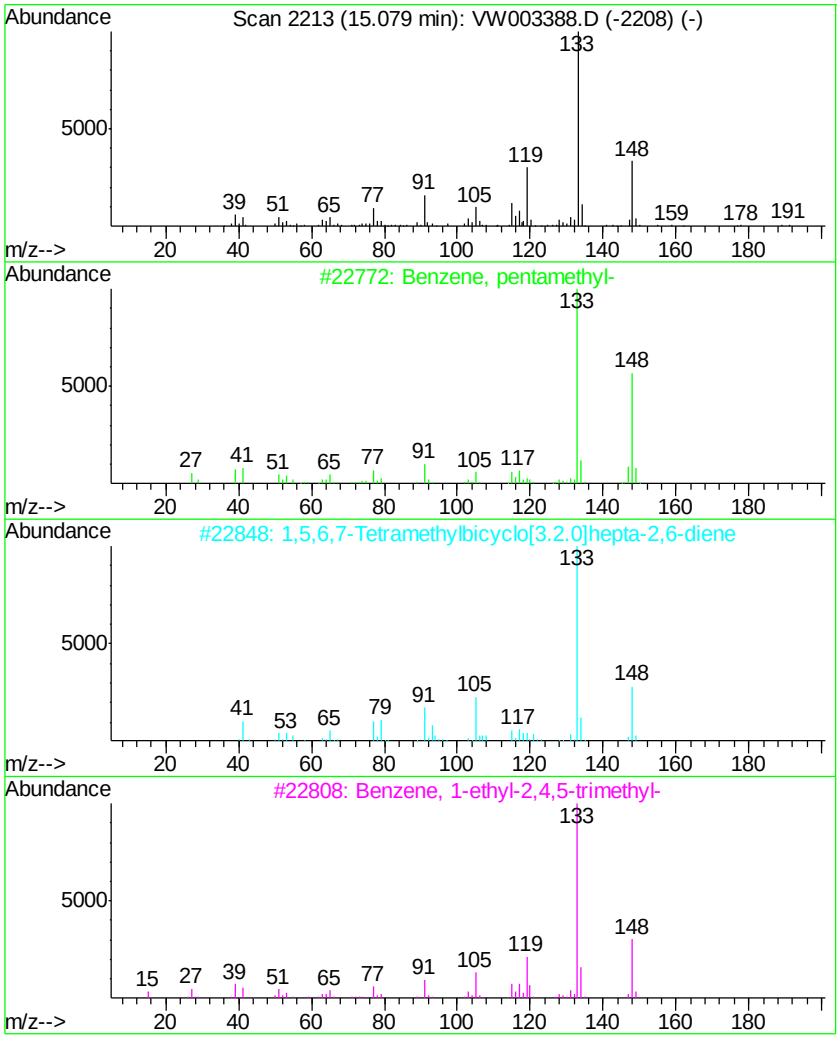
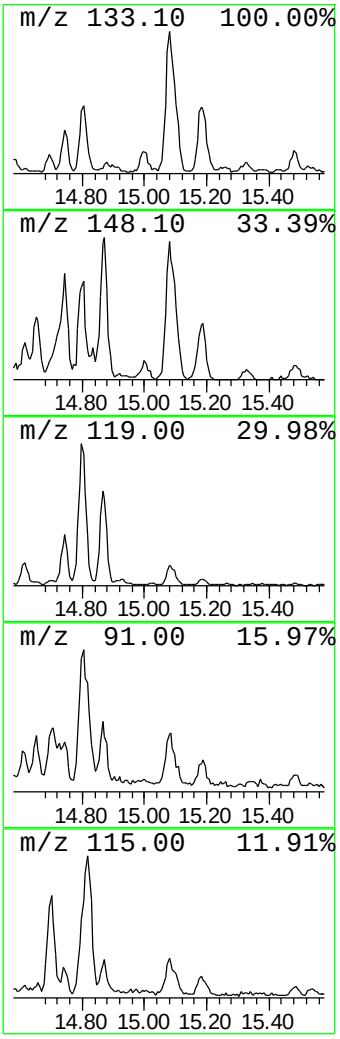
Peak Number 21 Benzene, pentamethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.97 ug/L	110561	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	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	87
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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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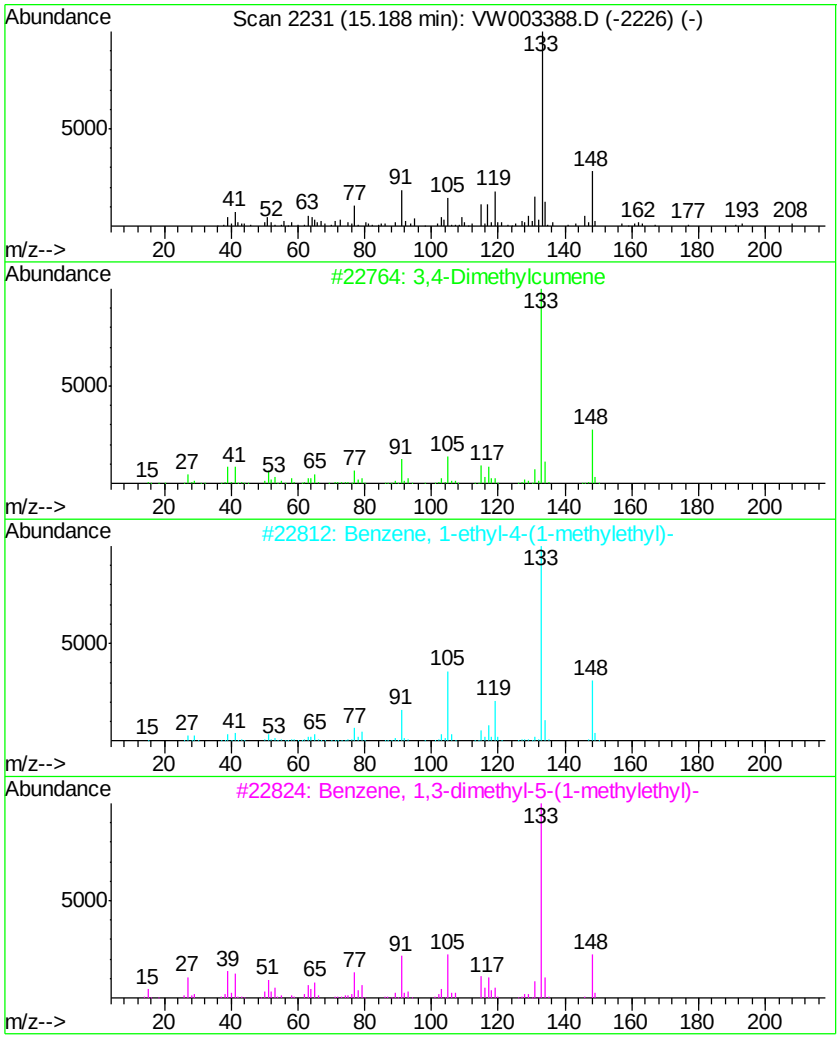
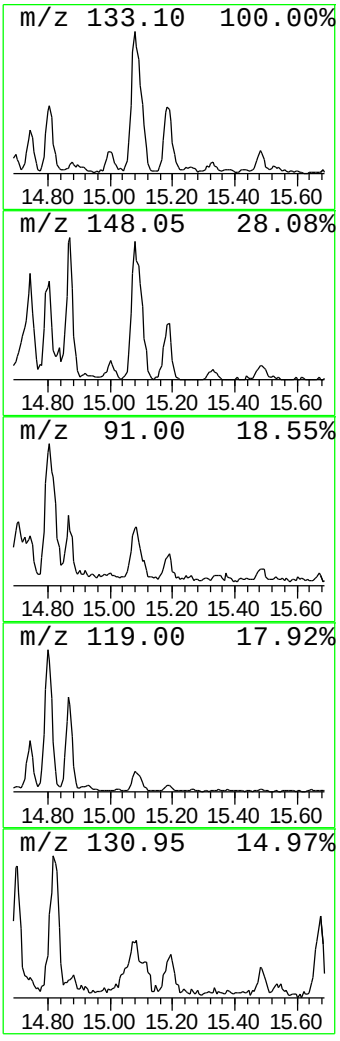
Peak Number 22 3,4-Dimethylcumene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.39 ug/L	53222	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003388.D
Acq On : 21 Jun 2018 15:28
Operator : SY/AP
Sample : J3569-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXT2RE

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	1.6	ug/L	35045	3	13.57	556416	25.0
Benzene, 1-methyl...	13.76	2.9	ug/L	64109	3	13.57	556416	25.0
Benzene, 2-ethyl-...	13.80	6.7	ug/L	148324	3	13.57	556416	25.0
Benzene, 1-methyl...	13.96	1.8	ug/L	39638	3	13.57	556416	25.0
Benzene, 4-ethyl-...	14.05	3.2	ug/L	71505	3	13.57	556416	25.0
o-Cymene	14.10	10.4	ug/L	232110	3	13.57	556416	25.0
Benzene, 1-methyl...	14.35	2.5	ug/L	54441	3	13.57	556416	25.0
Benzene, 1,2,4,5-...	14.43	8.4	ug/L	186395	3	13.57	556416	25.0
Benzene, 1,3-diet...	14.51	3.7	ug/L	82408	3	13.57	556416	25.0
Benzene, 1,4-dime...	14.55	3.2	ug/L	71608	3	13.57	556416	25.0
Benzene, (1-cyclo...	14.65	1.9	ug/L	41586	3	13.57	556416	25.0
Benzene, pentamet...	15.08	5.0	ug/L	110561	3	13.57	556416	25.0
3,4-Dimethylcumene	15.19	2.4	ug/L	53222	3	13.57	556416	25.0