LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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	7470	11975	0.14%	0.050%
2	1.807	27	36	56	rVV	4030008	8356095	100.00%	34.927%
3	1.953	56	60	71	rVB4	13947	29909	0.36%	0.125%
4	2.173	86	96	99	rBV5	3475	8014	0.10%	0.033%
5	2.349	114	125	134	rBV	104684	199988	2.39%	0.836%
6	2.496	146	149	152	rVV3	3364	5317	0.06%	0.022%
7	2.648	168	174	179	rBV8	2744	6363	0.08%	0.027%
8	2.892	206	214	224	rVV	64628	167016	2.00%	0.698%
9	3.014	231	234	236	rBV4	3723	5553	0.07%	0.023%
10	3.374	288	293	303	rVV4	4310	12476	0.15%	0.052%
11	3.837	361	369	373	rBV6	2888	7170	0.09%	0.030%
12	4.008	383	397	409	rBV	134716	436827	5.23%	1.826%
13	4.136	409	418	437	rVB	106652	340346	4.07%	1.423%
14	4.367	447	456	465	rBV2	8980	27531	0.33%	0.115%
15	4.453	466	470	476	rVB5	1962	4423	0.05%	0.018%
16	4.910	531	545	561	rBV	17360	66827	0.80%	0.279%
17	5.934	703	713	721	rBV4	8321	24320	0.29%	0.102%
18	6.288	762	771	777	rBV6	2620	6376	0.08%	0.027%
19	7.092	894	903	910	rBV	38090	107285	1.28%	0.448%
20	7.178	910	917	932	rVB	45760	130017	1.56%	0.543%
21	7.531	967	975	984	rVV8	2075	6656	0.08%	0.028%
22	7.647	984	994	1005	rVV	215608	515724	6.17%	2.156%
23	7.946	1038	1043	1049	rVV6	2038	4932	0.06%	0.021%
24	8.281	1087	1098	1114	rBV2	401389	1221261	14.62%	5.105%
25	8.568	1137	1145	1150	rVB5	3228	7456	0.09%	0.031%
26	8.702	1161	1167	1177	rVB5	3983	10749	0.13%	0.045%
27	8.848	1181	1191	1202	rBV	383860	754704	9.03%	3.154%
28	9.080	1218	1229	1236	rBV6	4952	12655	0.15%	0.053%
29	9.281	1251	1262	1270	rBV	284822	576640	6.90%	2.410%
30	9.440	1283	1288	1297	rVB	3442	7266	0.09%	0.030%
31	10.037	1379	1386	1393	rBV	95768	169064	2.02%	0.707%
32	10.135	1398	1402	1408	rVB4	3850	7544	0.09%	0.032%
33	10.330	1424	1434	1441	rBV	509073	903699	10.81%	3.777%
34	10.391	1441	1444	1449	rVB2	5805	9707	0.12%	0.041%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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	10.506	1456	1463	1468	rBV3	5533	10372	0.12%	0.043%
36	10.580	1468	1475	1485	rBV	63068	115541	1.38%	0.483%
37	10.701	1491	1495	1507	rVB8	2791	8244	0.10%	0.034%
38	10.933	1526	1533	1542	rBV	145352	285977	3.42%	1.195%
39	11.000	1542	1544	1547	rVB2	5836	6395	0.08%	0.027%
40	11.073	1551	1556	1562	rVB	31811	56027	0.67%	0.234%
41	11.183	1569	1574	1578	rBV4	22567	49576	0.59%	0.207%
42	11.281	1583	1590	1591	rBV3	29832	53749	0.64%	0.225%
43	11.348	1598	1601	1604	rVB4	4780	5593	0.07%	0.023%
44	11.415	1604	1612	1619	rVB2	30737	64805	0.78%	0.271%
45	11.525	1624	1630	1636	rBV	31105	52420	0.63%	0.219%
46	11.634	1641	1648	1655	rBV	445753	738532	8.84%	3.087%
47	11.738	1655	1665	1671	rBV2	109226	220108	2.63%	0.920%
48	11.854	1676	1684	1685	rBV6	7087	13870	0.17%	0.058%
49	11.884	1685	1689	1697	rVB5	12770	23322	0.28%	0.097%
50	12.024	1708	1712	1721	rVB9	3696	9451	0.11%	0.040%
51	12.189	1734	1739	1743	rVB7	2286	5095	0.06%	0.021%
52	12.335	1754	1763	1764	rBV4	6081	9932	0.12%	0.042%
53	12.372	1764	1769	1778	rVB4	14899	28791	0.34%	0.120%
54	12.463	1778	1784	1789	rBV8	3229	7876	0.09%	0.033%
55	12.530	1789	1795	1800	rVV2	10455	17635	0.21%	0.074%
56	12.616	1804	1809	1817	rBV2	17646	31771	0.38%	0.133%
57	12.701	1817	1823	1833	rBV	154536	293049	3.51%	1.225%
58	12.787	1833	1837	1841	rBV7	3669	5861	0.07%	0.024%
59	12.872	1848	1851	1855	rVB4	5280	5670	0.07%	0.024%
60	12.951	1855	1864	1874	rVB6	28551	73244	0.88%	0.306%
61	13.043	1874	1879	1885	rBV7	7876	16998	0.20%	0.071%
62	13.213	1903	1907	1911	rVB6	4278	7031	0.08%	0.029%
63	13.256	1911	1914	1919	rBV2	9869	13826	0.17%	0.058%
64	13.451	1942	1946	1951	rBV3	9278	12240	0.15%	0.051%
65	13.506	1951	1955	1958	rBV3	12690	18817	0.23%	0.079%
66	13.567	1958	1965	1974	rVB	216263	354905	4.25%	1.483%
67	13.658	1978	1980	1984	rVB3	4176	4248	0.05%	0.018%
68	13.731	1985	1992	1993	rBV	49496	74775	0.89%	0.313%
69	13.756	1993	1996	2000	rVV	88234	152768	1.83%	0.639%
70	13.805	2000	2004	2009	rVV3	152993	306675	3.67%	1.282%
71	13.859	2009	2013	2023	rVB	195574	366890	4.39%	1.534%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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	13.957	2023	2029	2034	rBV	31344	50724	0.61%	0.212%
73	14.018	2034	2039	2042	rVV	213795	368550	4.41%	1.540%
74	14.048	2042	2044	2048	rVV	259865	347715	4.16%	1.453%
75	14.103	2048	2053	2061	rVB	826062	1307320	15.65%	5.464%
76	14.213	2065	2071	2076	rVV2	87326	146447	1.75%	0.612%
77	14.262	2076	2079	2088	rVB3	14558	27296	0.33%	0.114%
78	14.347	2088	2093	2097	rVB	29967	45597	0.55%	0.191%
79	14.426	2097	2106	2109	rBV	488016	779284	9.33%	3.257%
80	14.469	2109	2113	2117	rVV	968818	1464165	17.52%	6.120%
81	14.512	2117	2120	2124	rVV2	110327	177617	2.13%	0.742%
82	14.548	2124	2126	2130	rVV	45448	67889	0.81%	0.284%
83	14.609	2134	2136	2139	rVV	15826	22683	0.27%	0.095%
84	14.652	2139	2143	2146	rVV	17187	27828	0.33%	0.116%
85	14.701	2146	2151	2155	rVV	114524	188151	2.25%	0.786%
86	14.743	2155	2158	2162	rVV	69049	90210	1.08%	0.377%
87	14.804	2162	2168	2175	rVV2	306709	658554	7.88%	2.753%
88	14.865	2175	2178	2184	rVB	61616	89547	1.07%	0.374%
89	15.000	2194	2200	2207	rVV	14123	26127	0.31%	0.109%
90	15.079	2207	2213	2224	rVV	75355	174579	2.09%	0.730%
91	15.182	2225	2230	2238	rVB	32719	59879	0.72%	0.250%
92	15.262	2242	2243	2249	rVV6	3144	4246	0.05%	0.018%
93	15.378	2252	2262	2268	rVB4	14437	38915	0.47%	0.163%
94	15.493	2275	2281	2283	rBV5	8851	19341	0.23%	0.081%
95	15.518	2283	2285	2291	rVB5	7770	12469	0.15%	0.052%
96	15.670	2307	2310	2316	rVB6	4049	7473	0.09%	0.031%
97	15.841	2334	2338	2340	rBV5	2989	4457	0.05%	0.019%
98	15.963	2354	2358	2363	rVB5	5522	8116	0.10%	0.034%
99	16.048	2366	2372	2376	rVB4	9141	17222	0.21%	0.072%
100	16.298	2411	2413	2419	rVB6	4729	8348	0.10%	0.035%

Sum of corrected areas: 23924713

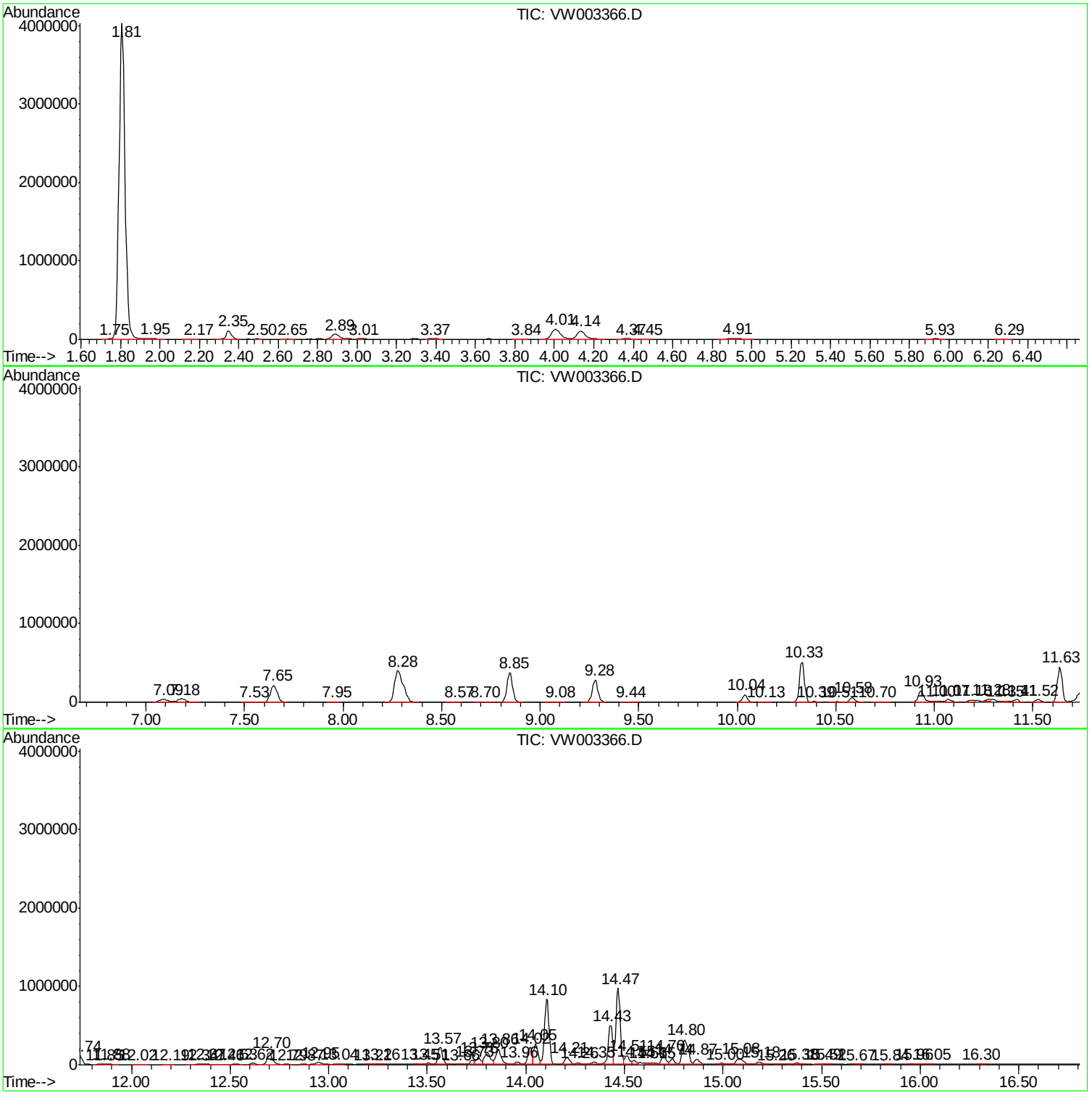
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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 : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

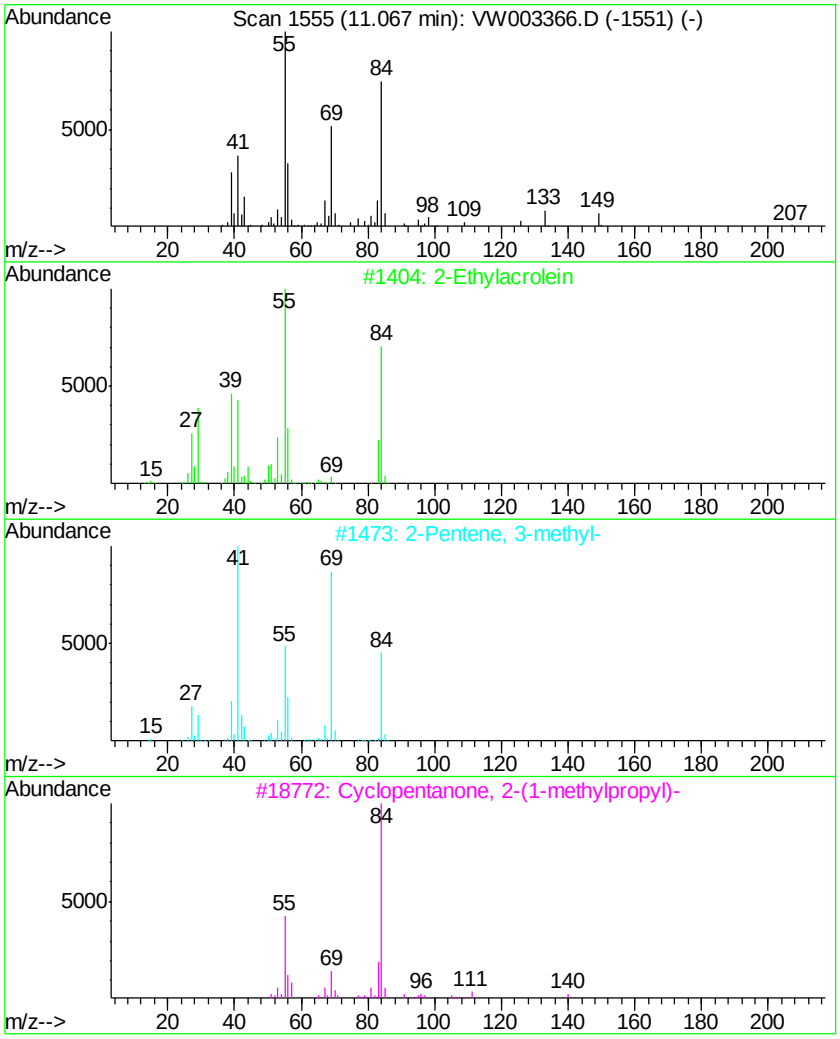
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

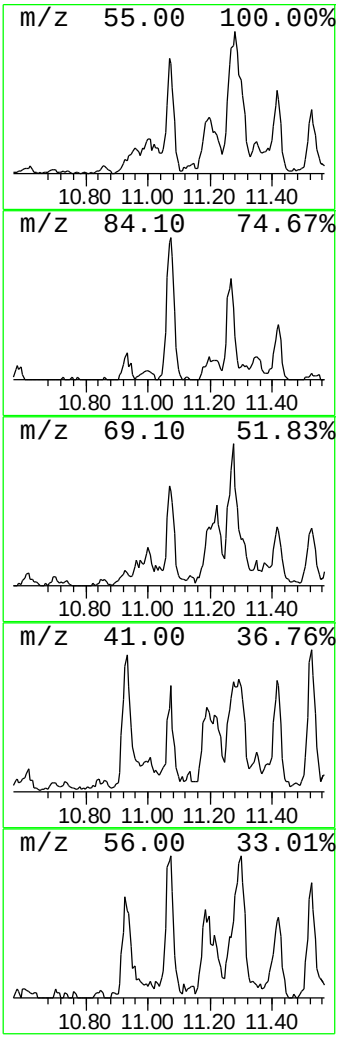
****

Peak Number 3 2-Ethylacrolein Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.90 ug/L	56027	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylacrolein	84	C5H8O	000922-63-4	64
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	59
3	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	50
4	2-Ethylbutyl acrylate	156	C9H16O2	003953-10-4	50
5	[1,1'-Bicyclopentyl]-2-one	152	C10H16O	004884-24-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

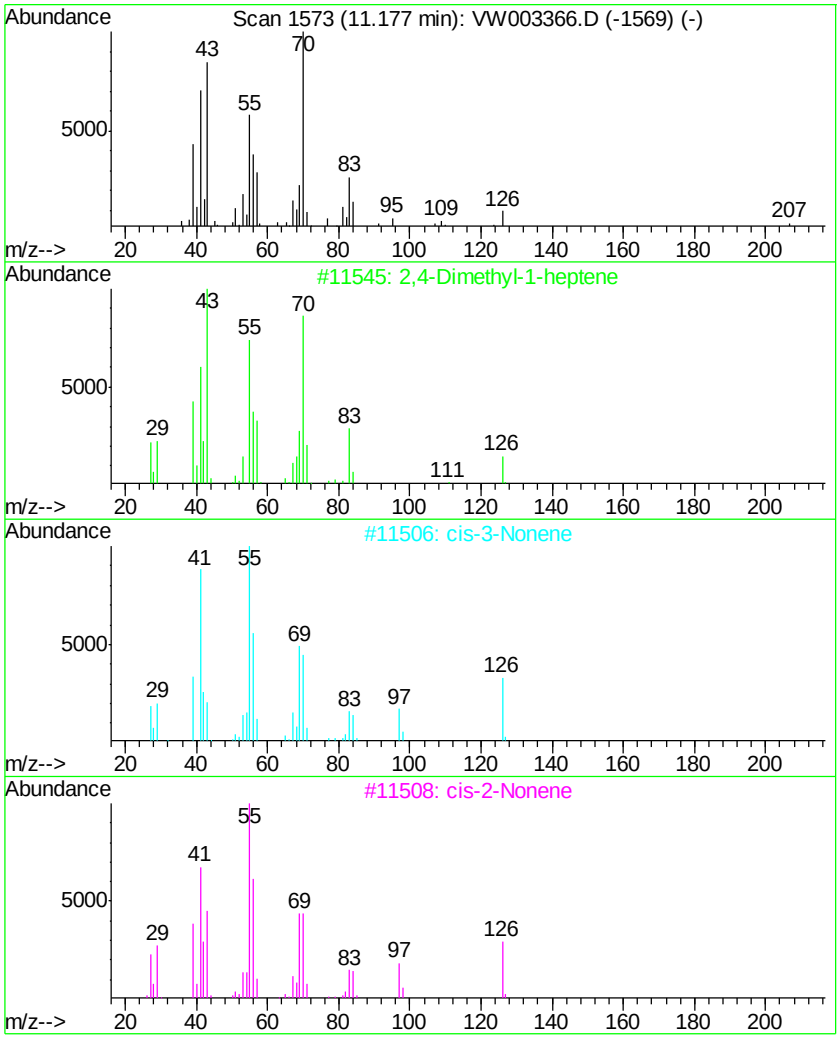
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

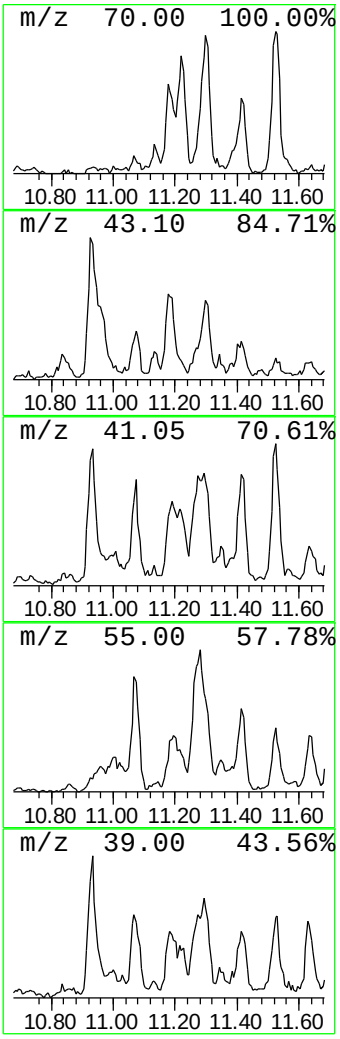
****

Peak Number 4 (DEL) Alkane: Cyclic11.18 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	1.68 ug/L	49576	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	93
2	cis-3-Nonene	126	C9H18	020237-46-1	46
3	cis-2-Nonene	126	C9H18	006434-77-1	43
4	3-Nonene	126	C9H18	020063-77-8	43
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

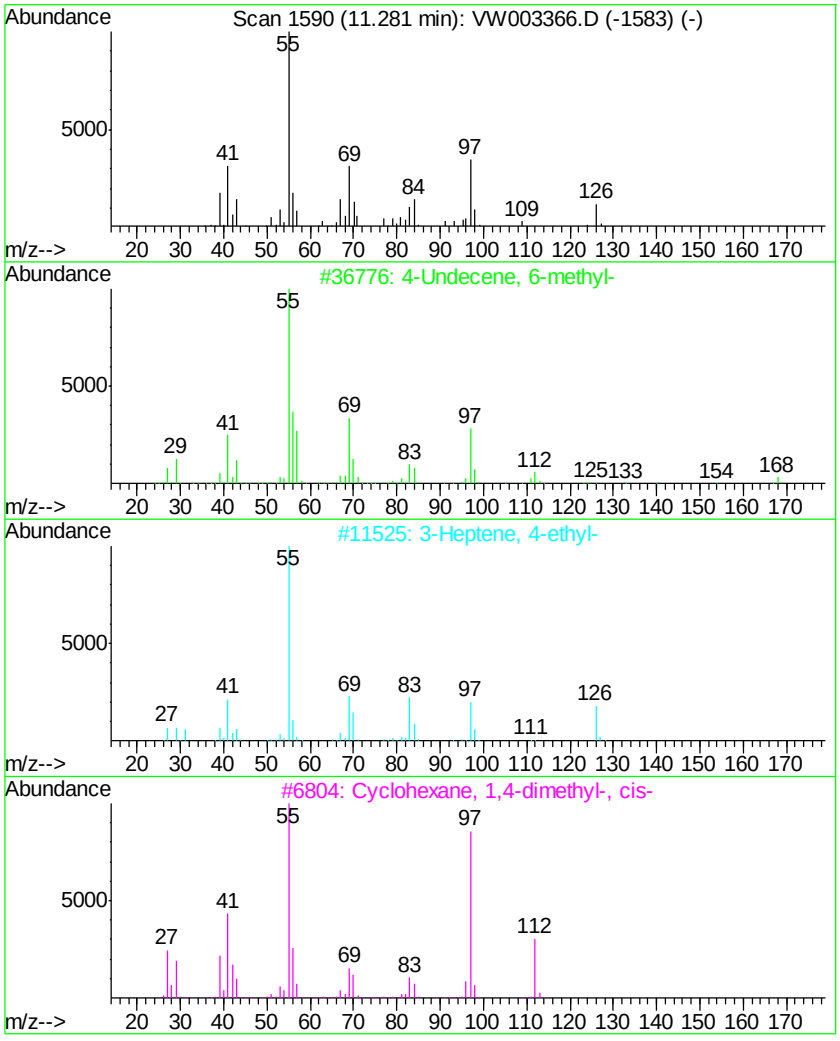
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

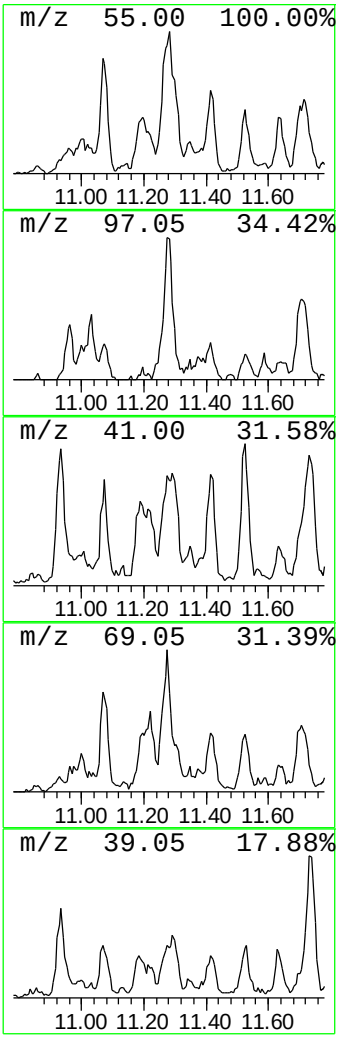
****

Peak Number 5 (DEL) Alkane: Cyclic11.28 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	1.82 ug/L	53749	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	50
2	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	50
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	47
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	47
5	cis-2-Nonene	126	C9H18	006434-77-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

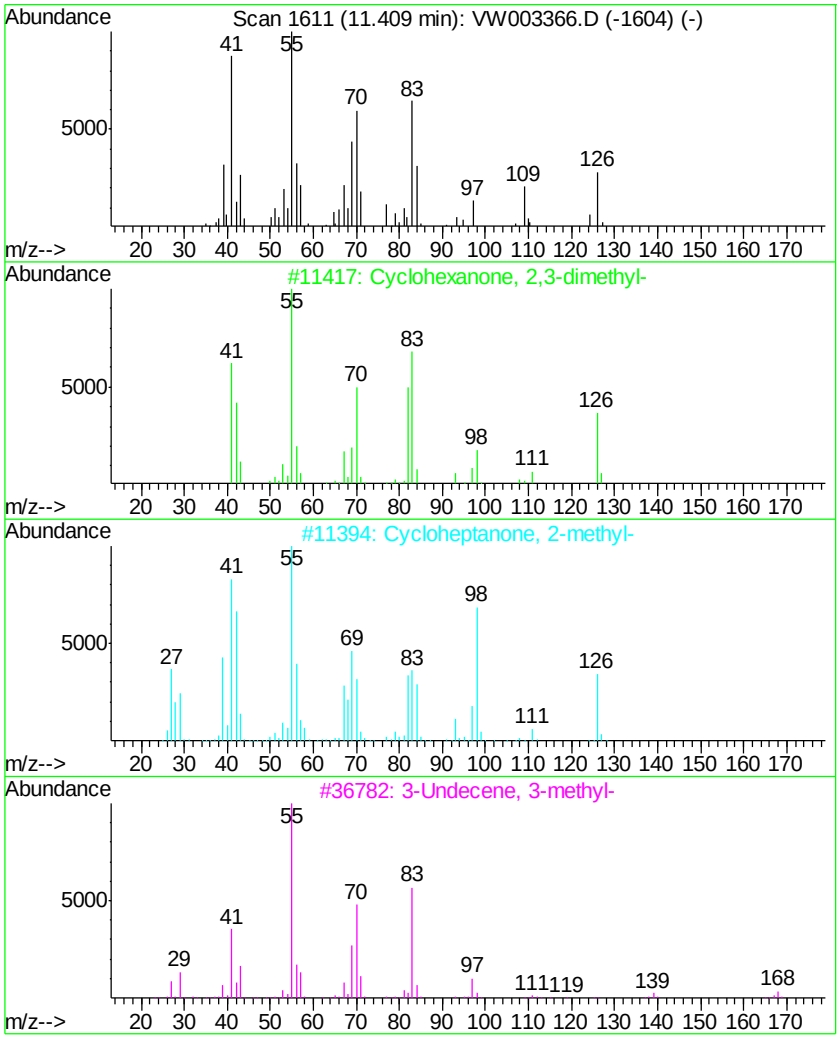
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

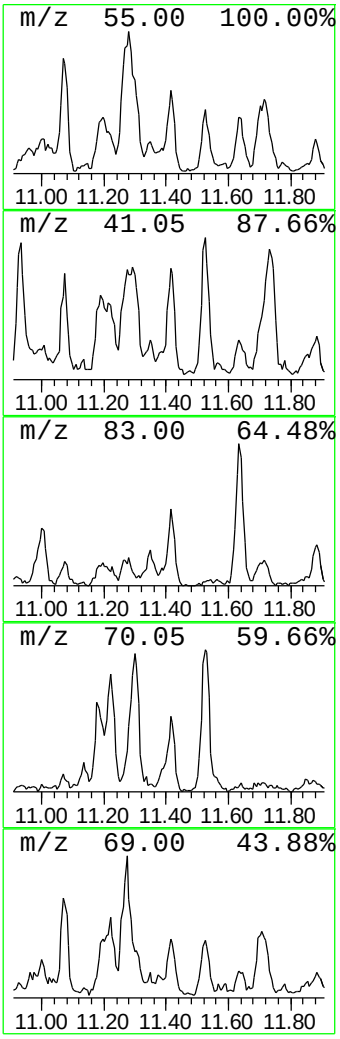
****

Peak Number 6 Cyclohexanone, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.19 ug/L	64805	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	80
2	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	59
3	3-Undecene, 3-methyl-	168	C12H24	023381-94-4	47
4	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	47
5	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

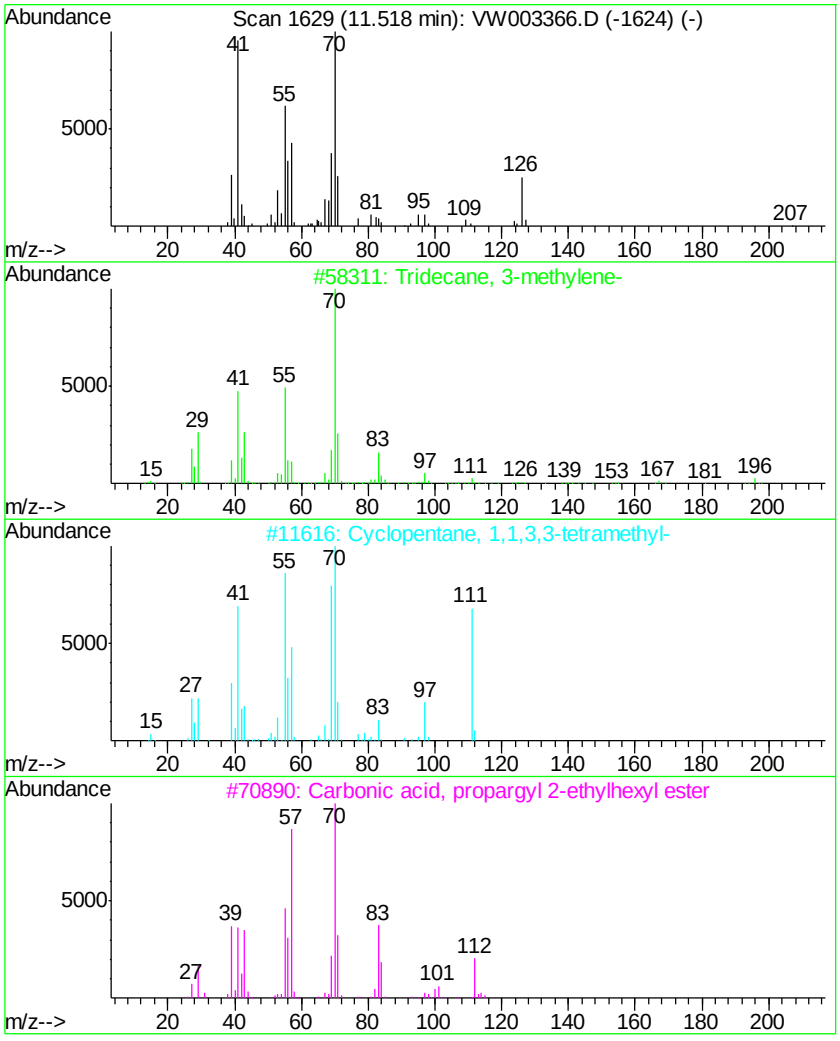
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

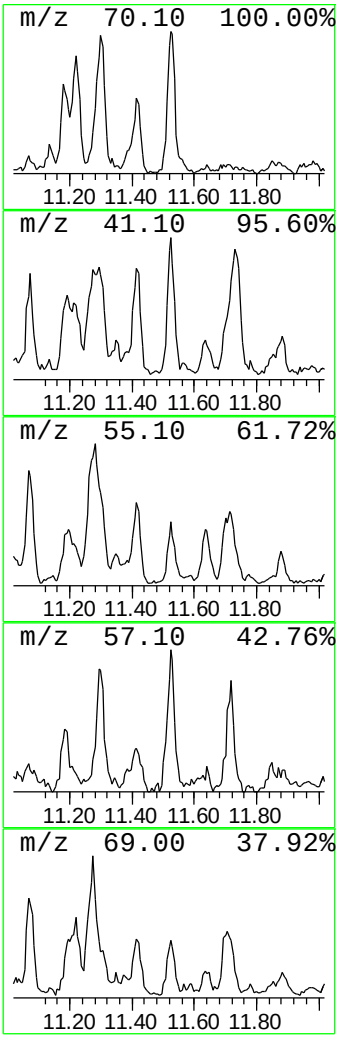
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic11.52 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	1.77 ug/L	52420	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	50
2	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	40
3	Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	40
4	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	38
5	1-Decene, 3,3,4-trimethyl-	182	C13H26	049622-17-5	38





Library Search Compound Report

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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

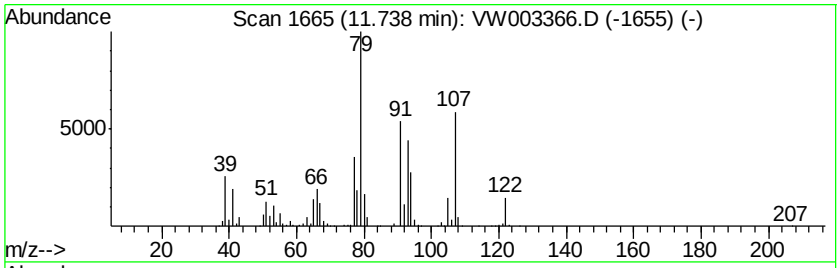
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

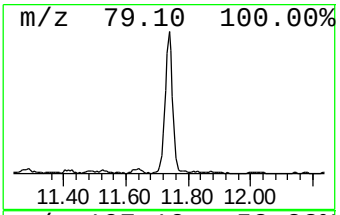
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

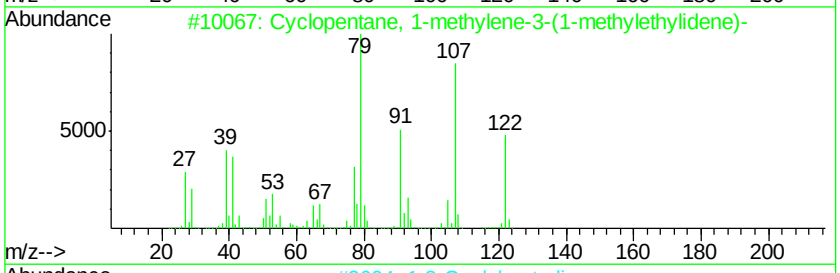
****
Peak Number 8 Cyclopentane, 1-methylene-3... Concentration Rank 14

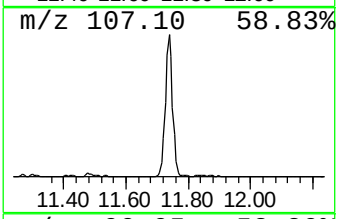
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	7.45 ug/L	220108	Chlorobenzene-d5	11.63

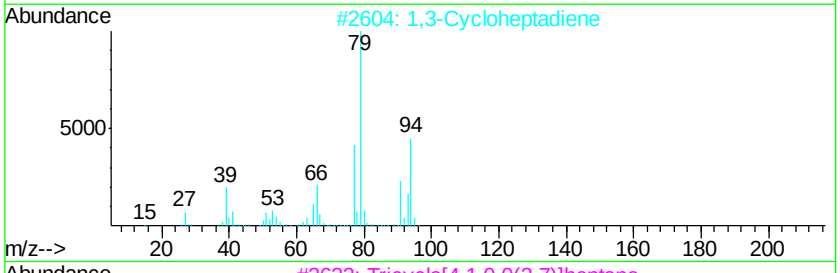
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methylene-3-(1-m...	122	C9H14	073913-74-3	60
2	1,3-Cycloheptadiene	94	C7H10	004054-38-0	58
3	Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	53
4	Bicyclo[3.1.0]hexane, 6-isopropy...	122	C9H14	024524-58-1	53
5	3-Methylenecyclohexene	94	C7H10	001888-90-0	52

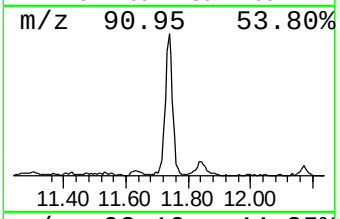


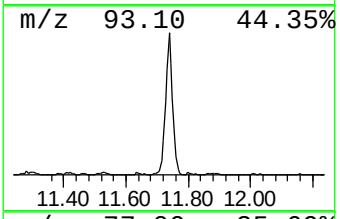


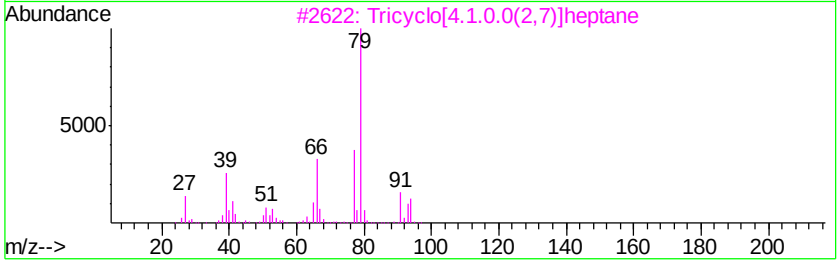


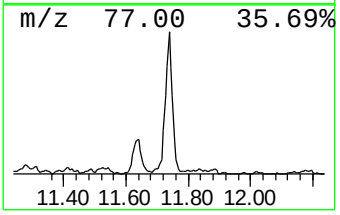












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

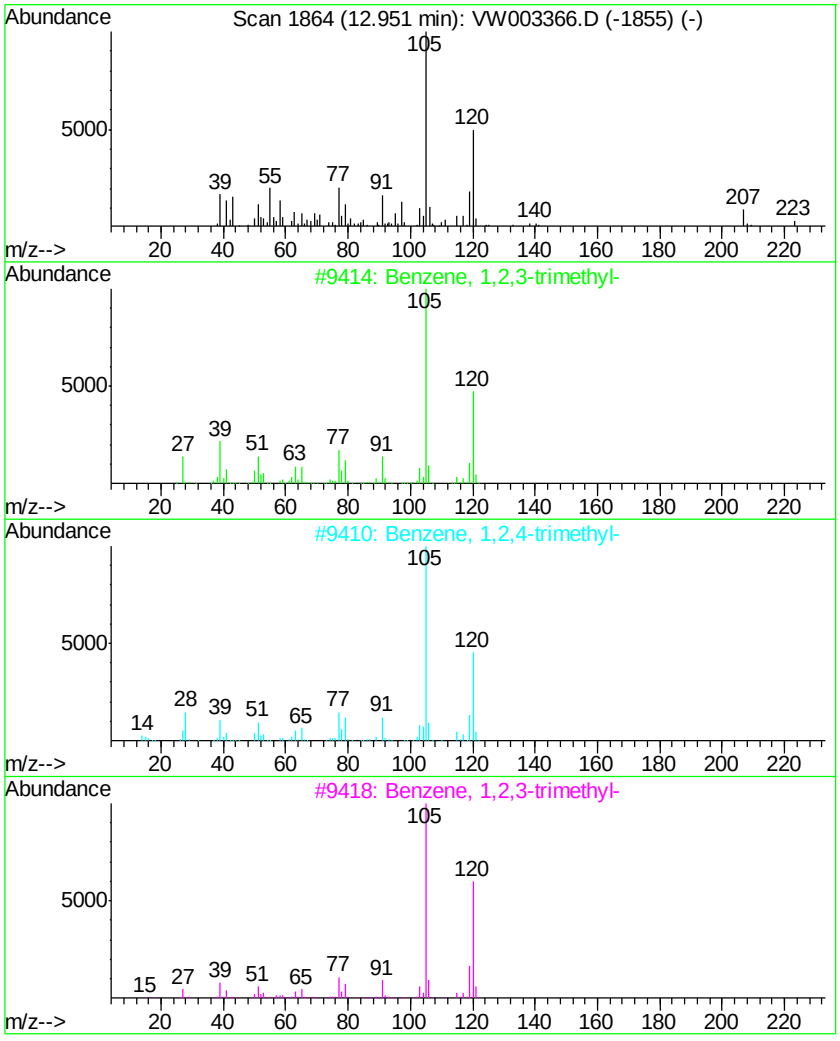
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

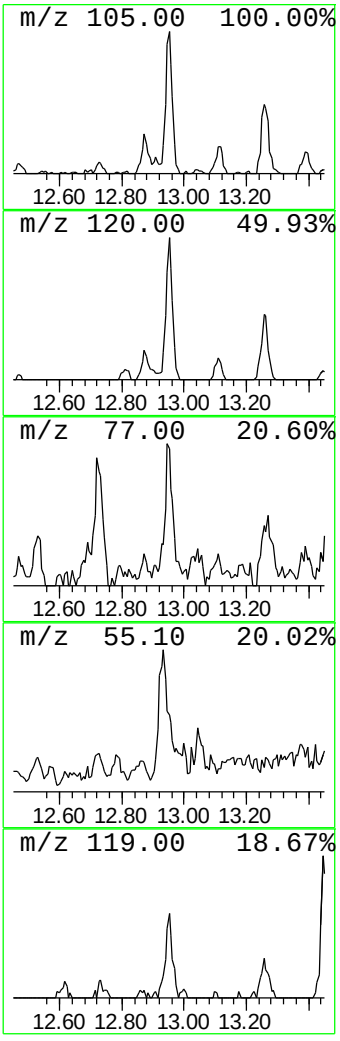
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	5.16 ug/L	73244	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	2,4-Nonadiyne	120	C9H12	063621-15-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

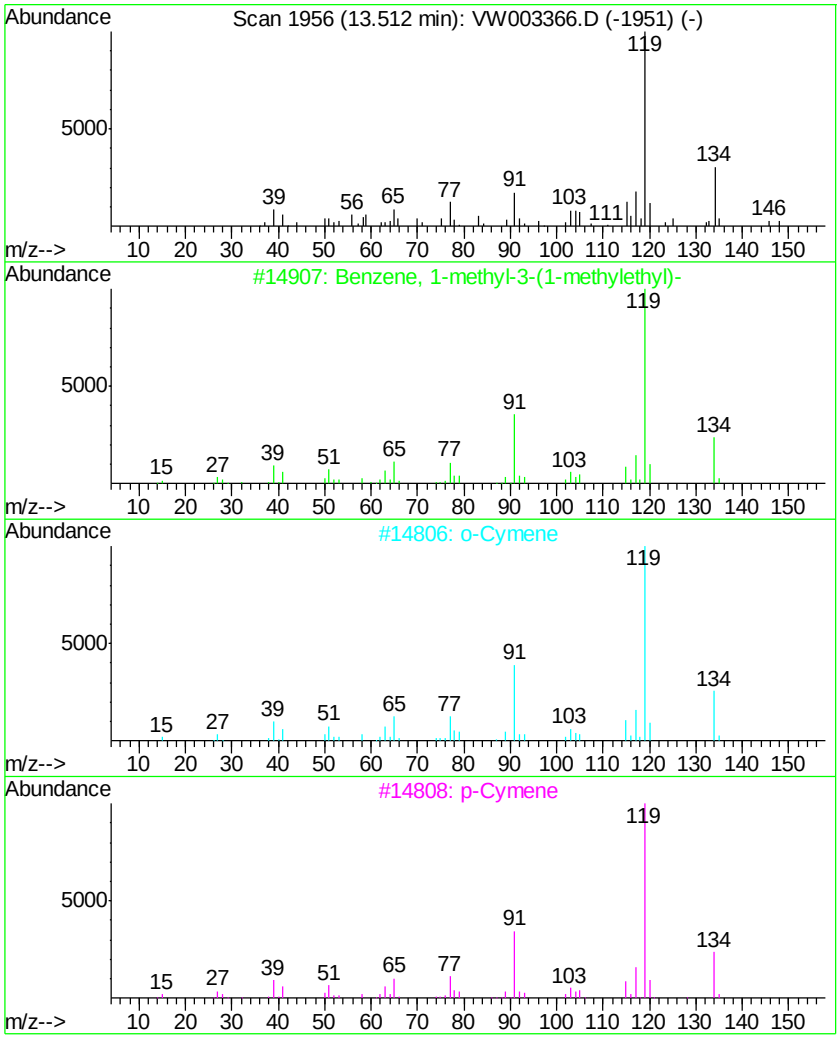
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

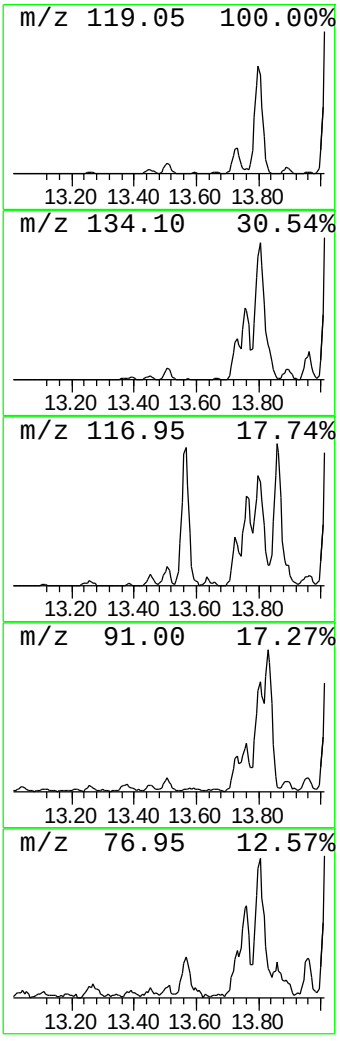
****

Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.33 ug/L	18817	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	o-Cymene	134	C10H14	000527-84-4	90
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

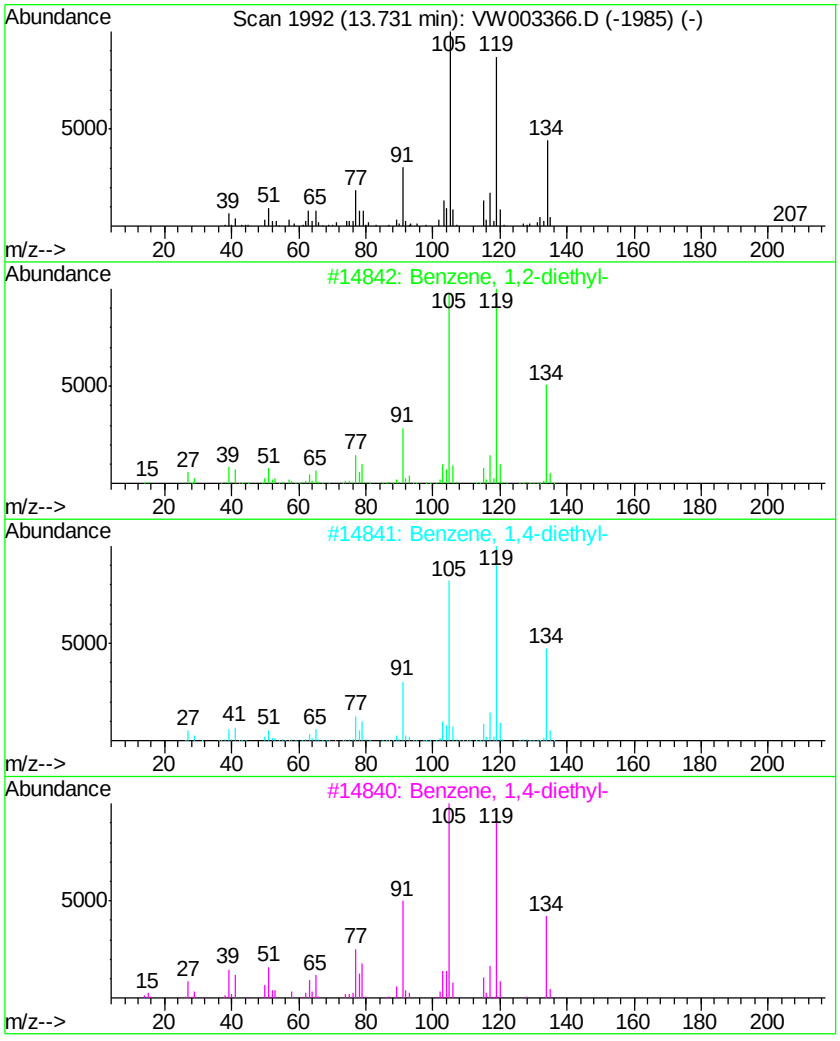
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

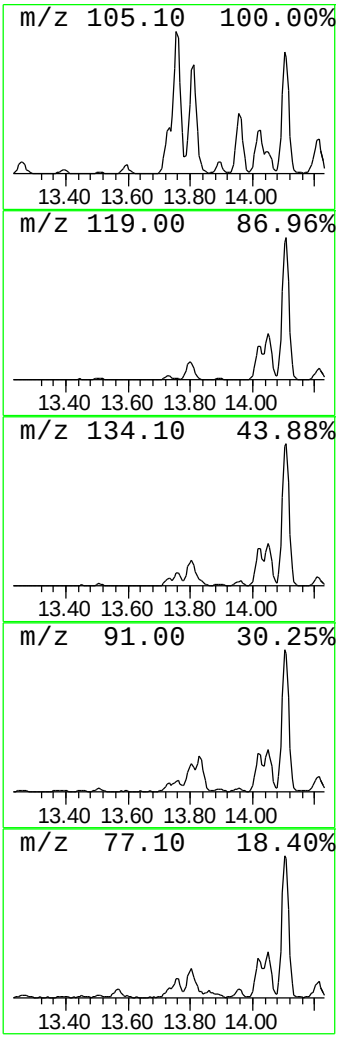
****

Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.27 ug/L	74775	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

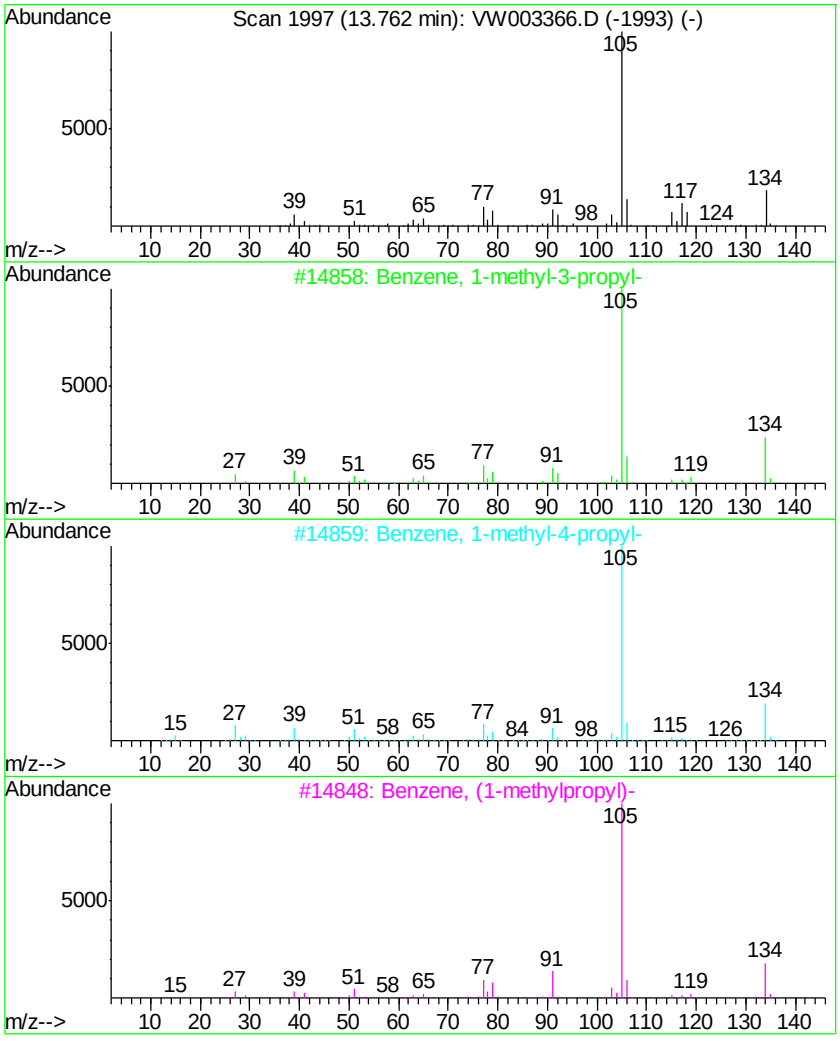
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

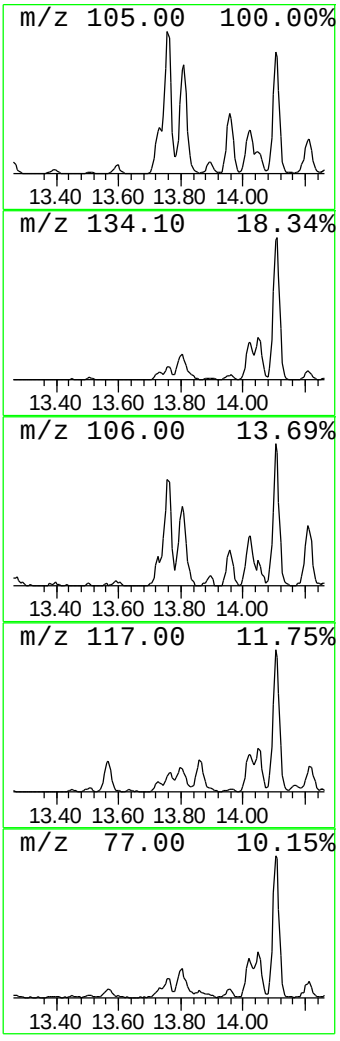
****

Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.76 ug/L	152768	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	74
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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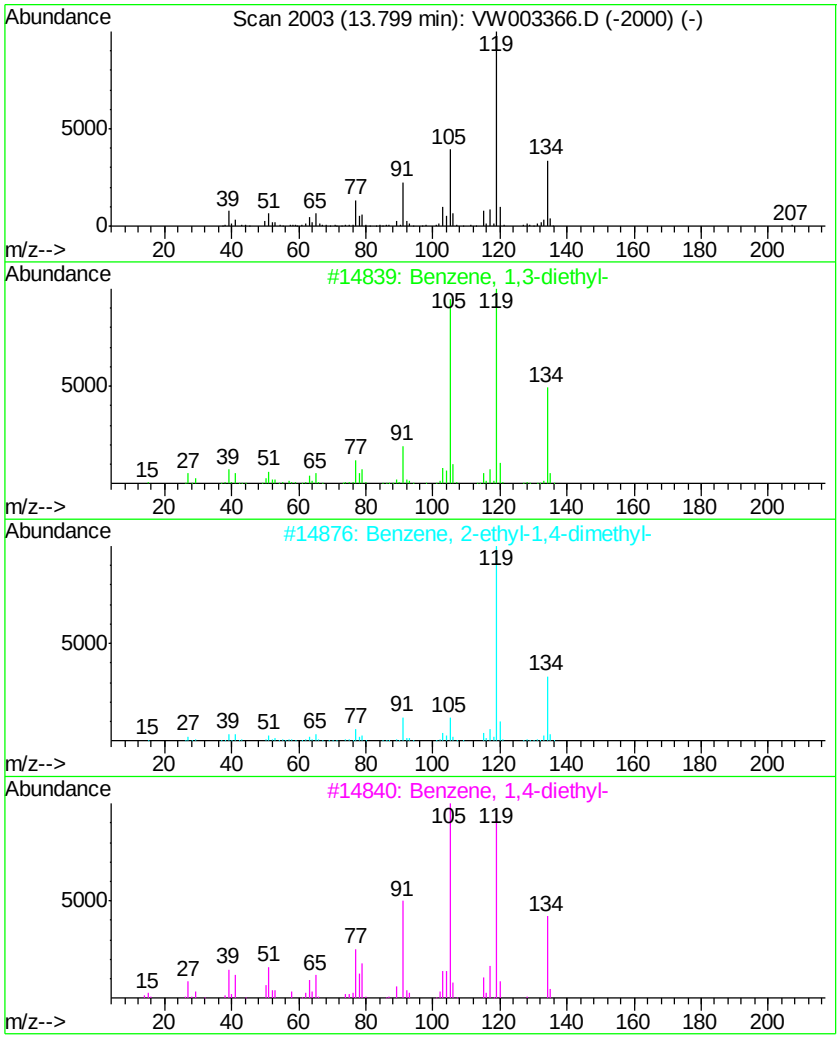
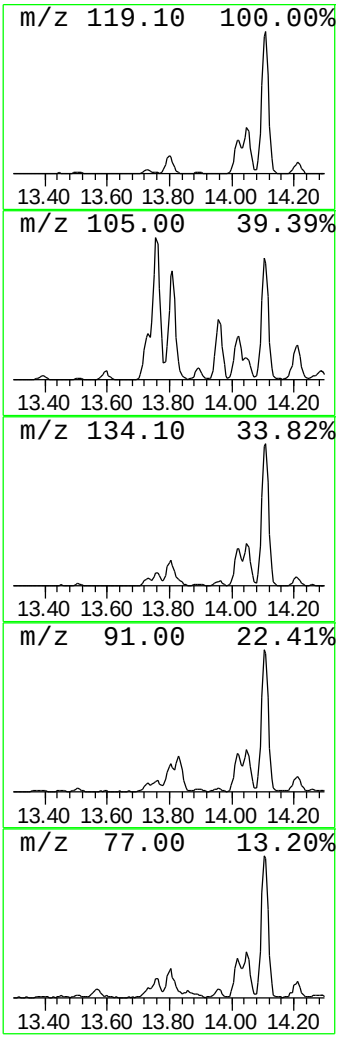
Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	21.60 ug/L	306675	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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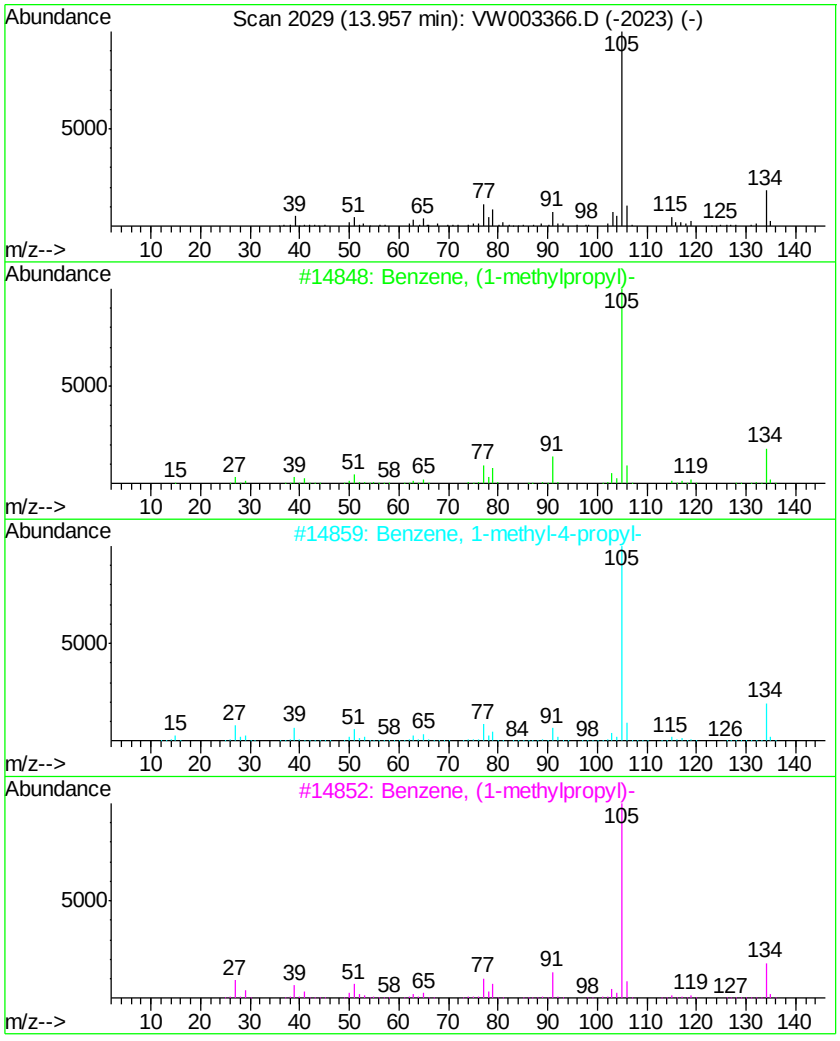
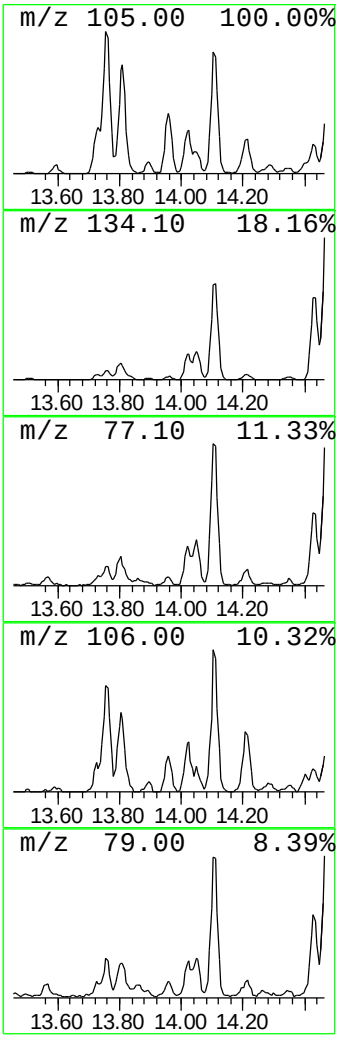
Peak Number 15 Benzene, (1-methylpropyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.57 ug/L	50724	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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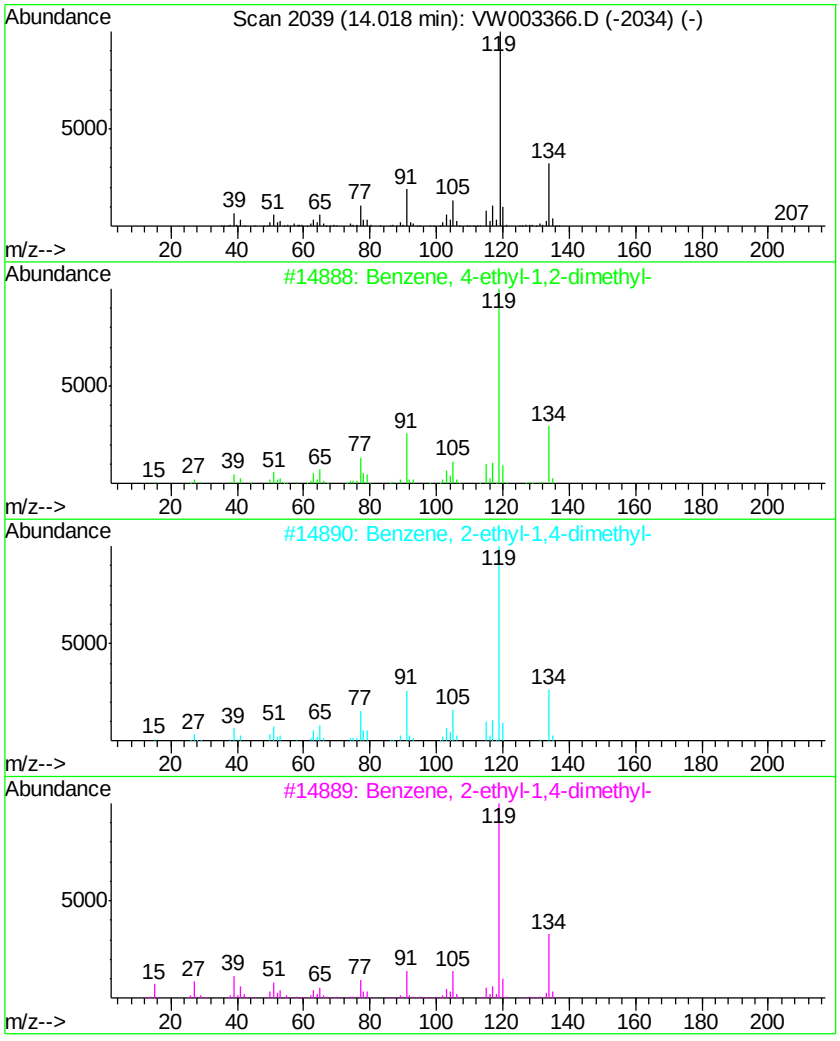
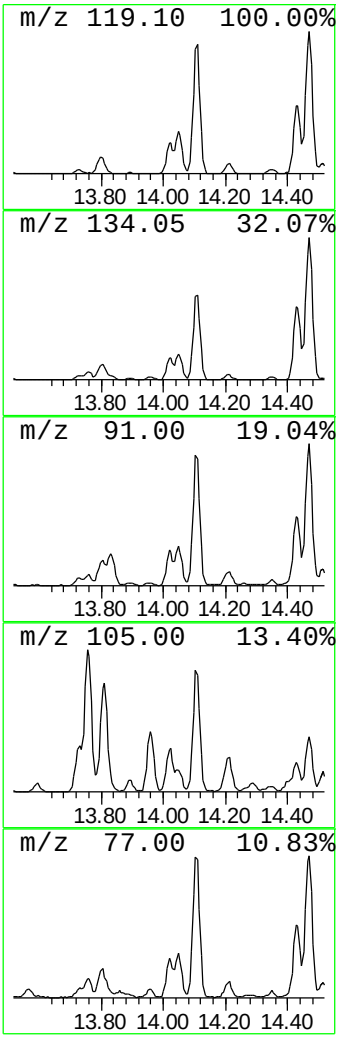
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	25.96 ug/L	368550	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	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

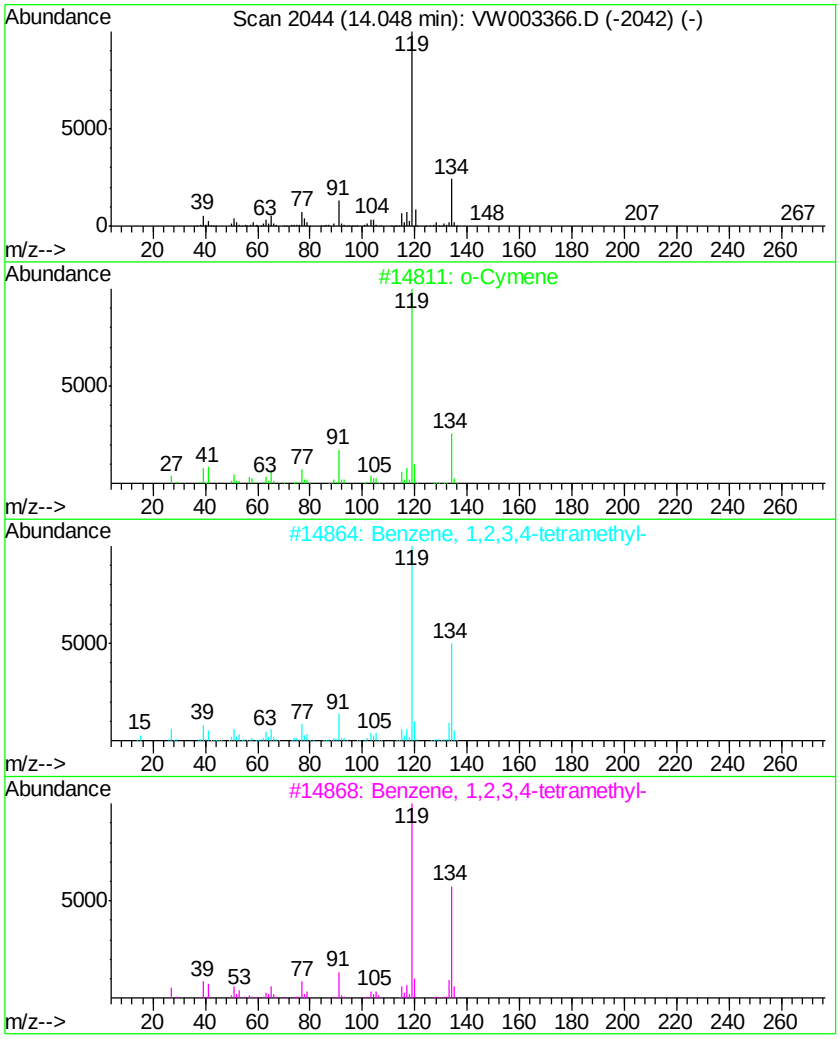
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

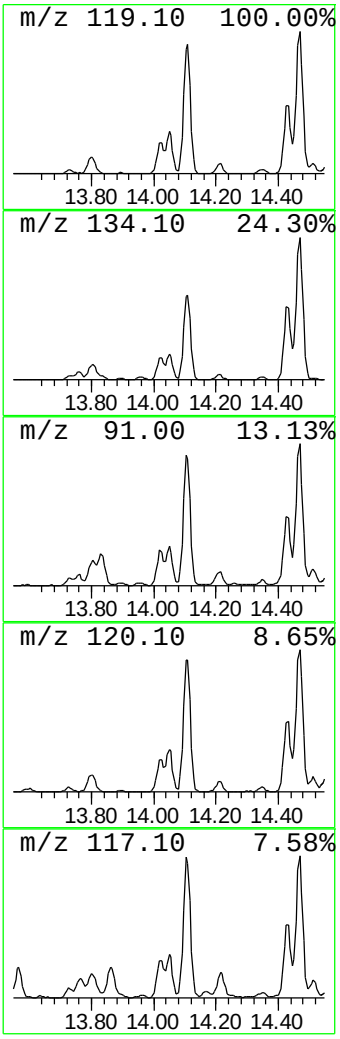
****

Peak Number 17 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	24.49 ug/L	347715	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	p-Cymene	134	C10H14	000099-87-6	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

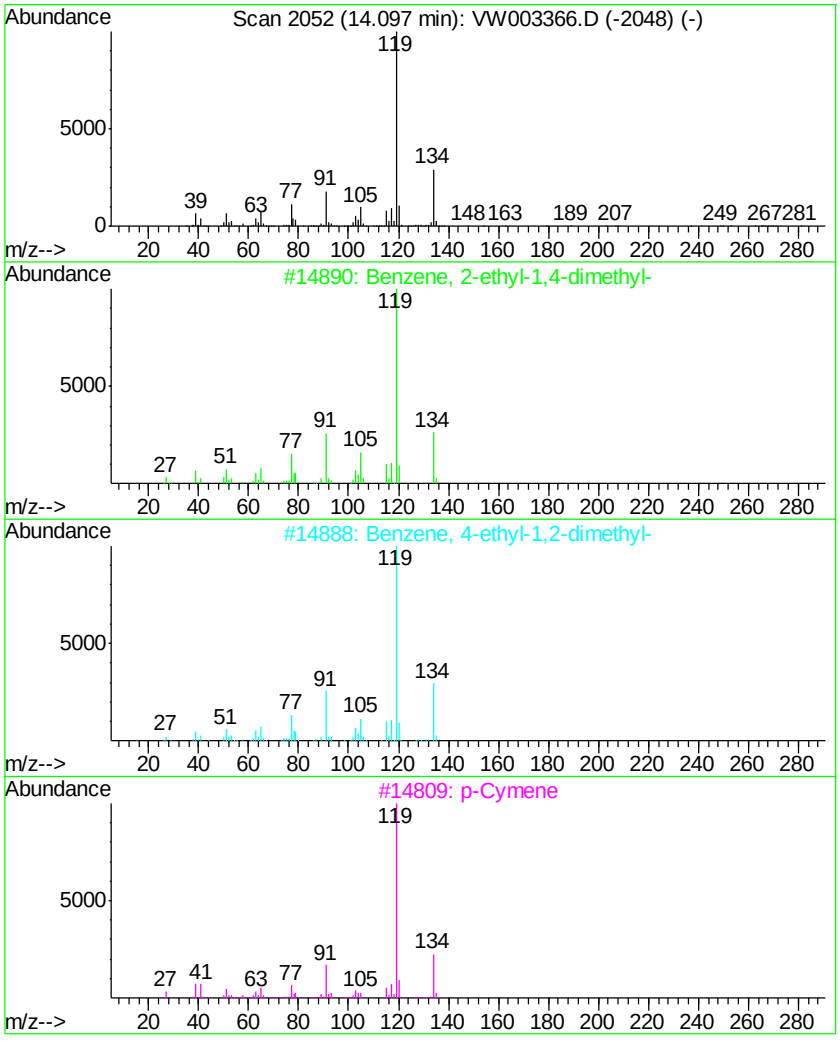
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

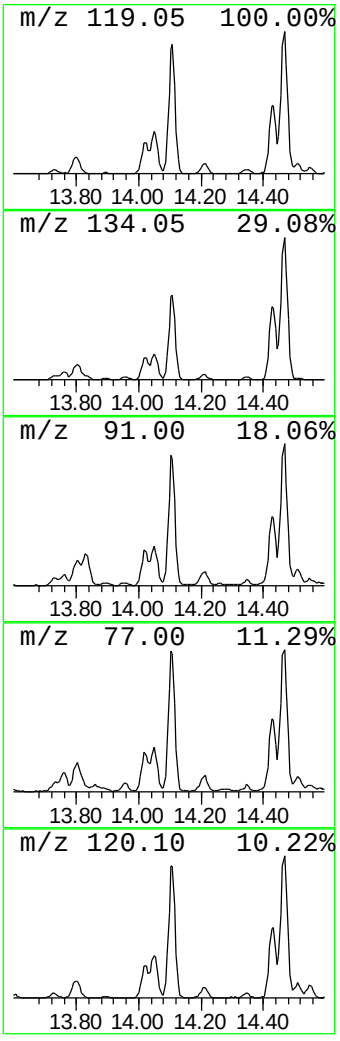
****

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	92.09 ug/L	1307320	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

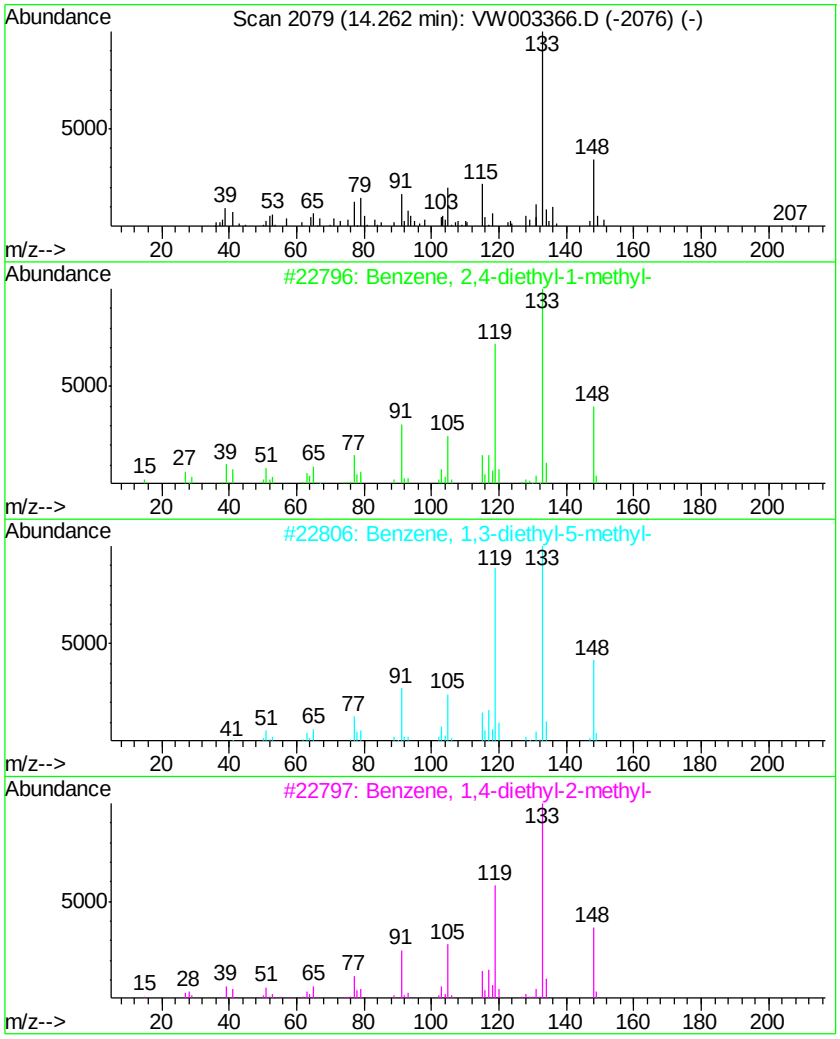
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

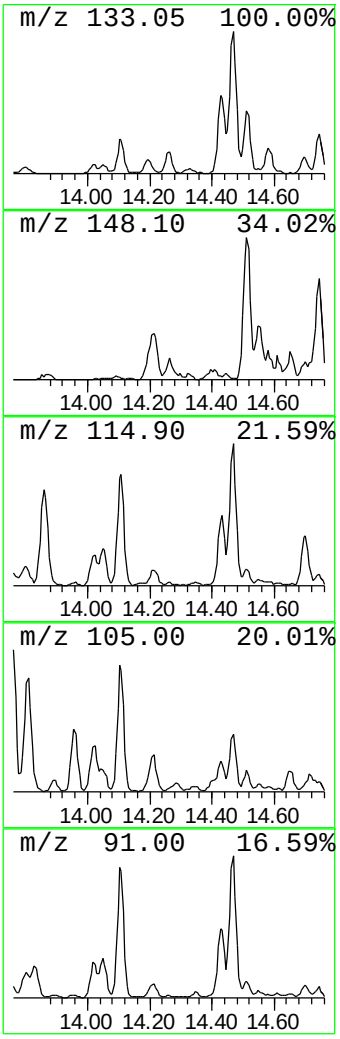
****

Peak Number 20 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	1.92 ug/L	27296	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	68
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	68





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

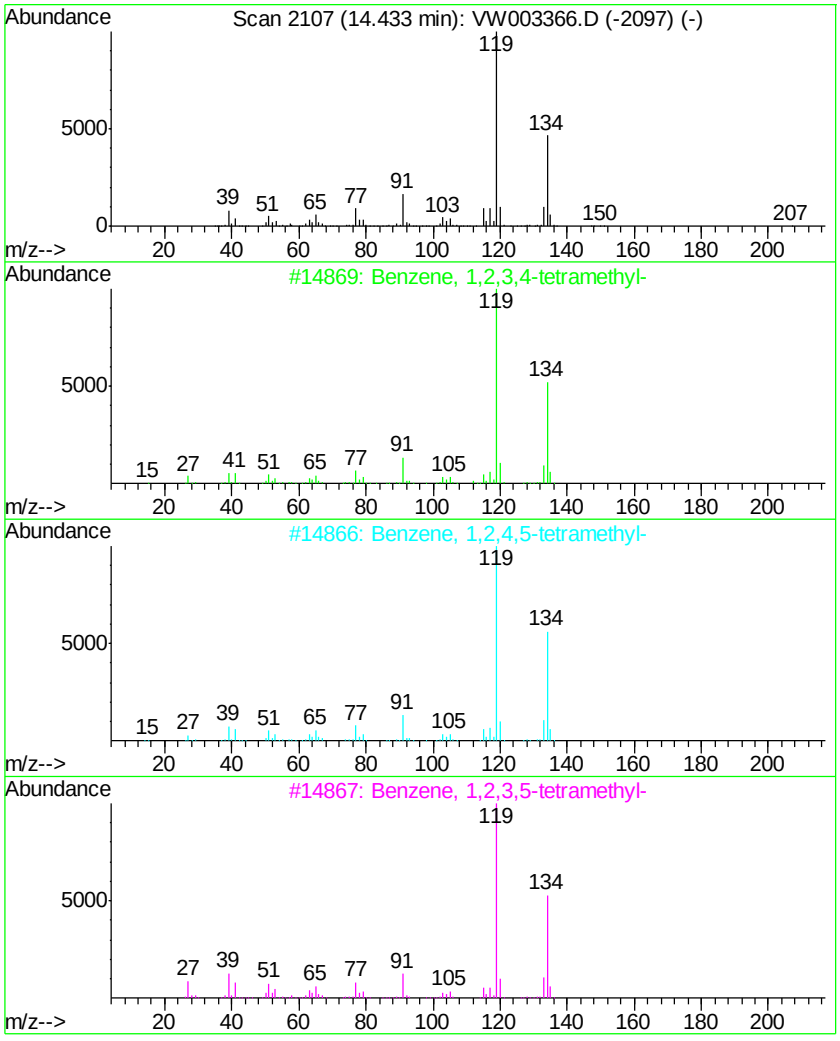
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

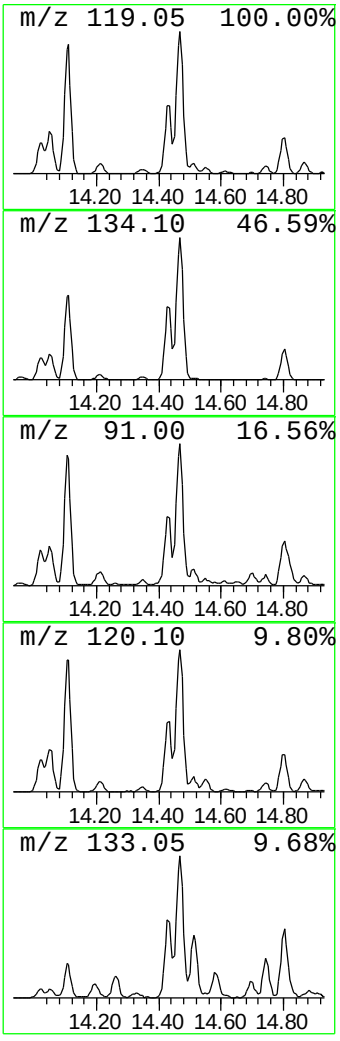
****

Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	54.89 ug/L	779284	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

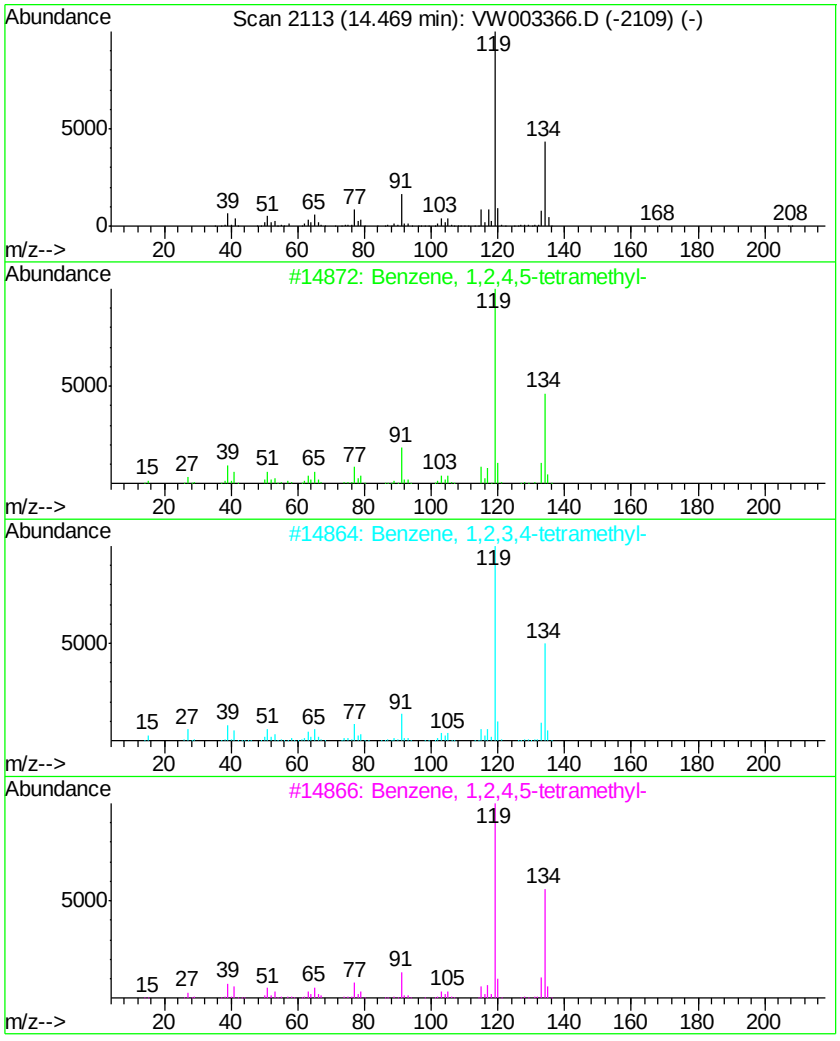
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

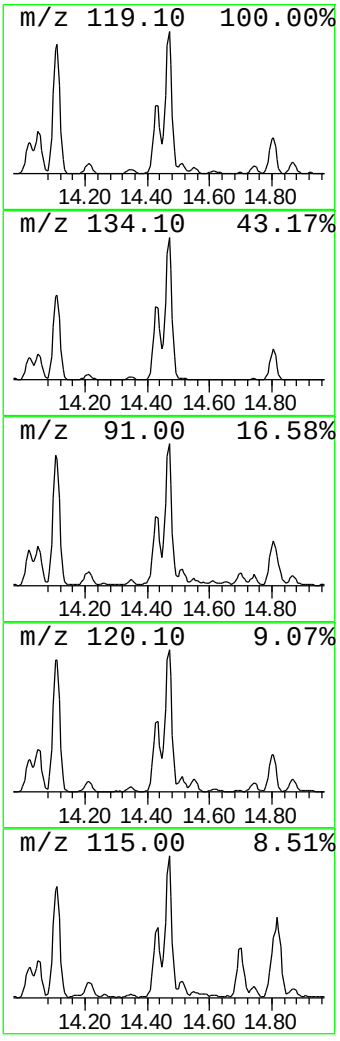
****

Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	103.14 ug/L	1464170	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

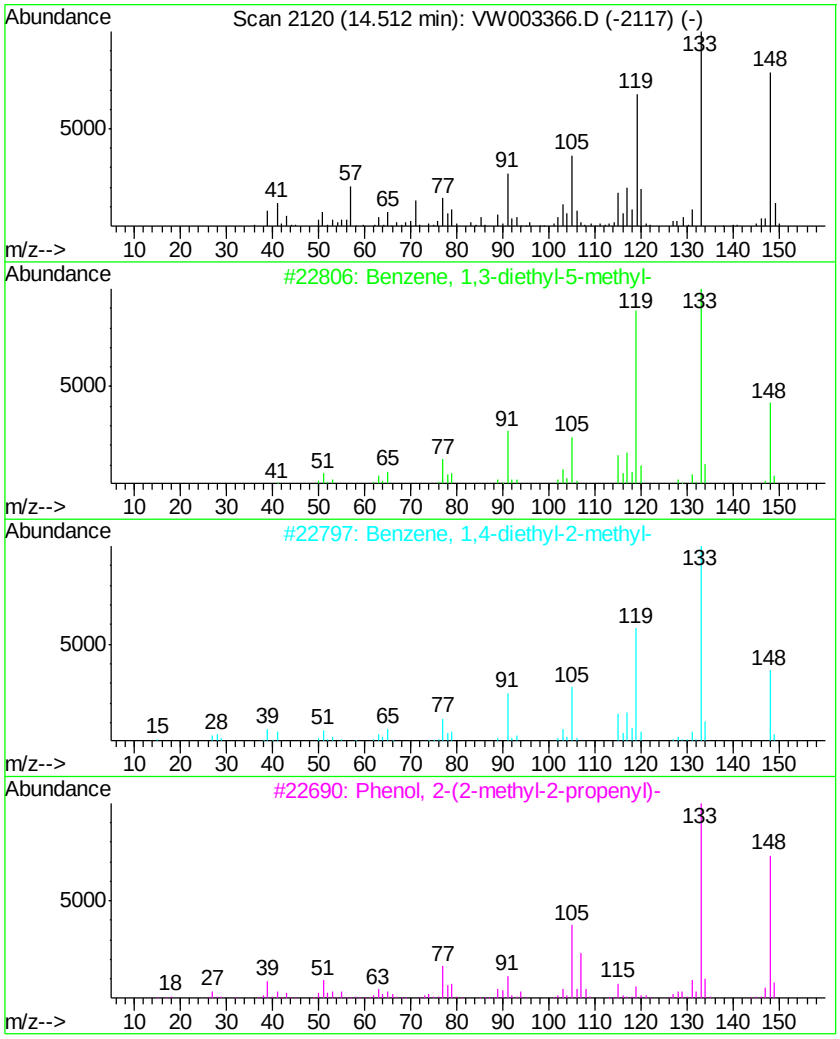
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

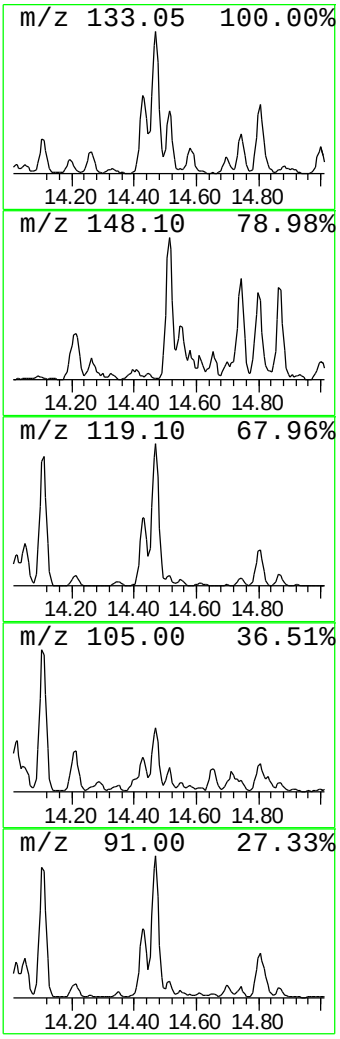
****

Peak Number 24 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	12.51 ug/L	177617	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	87
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
3	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	58
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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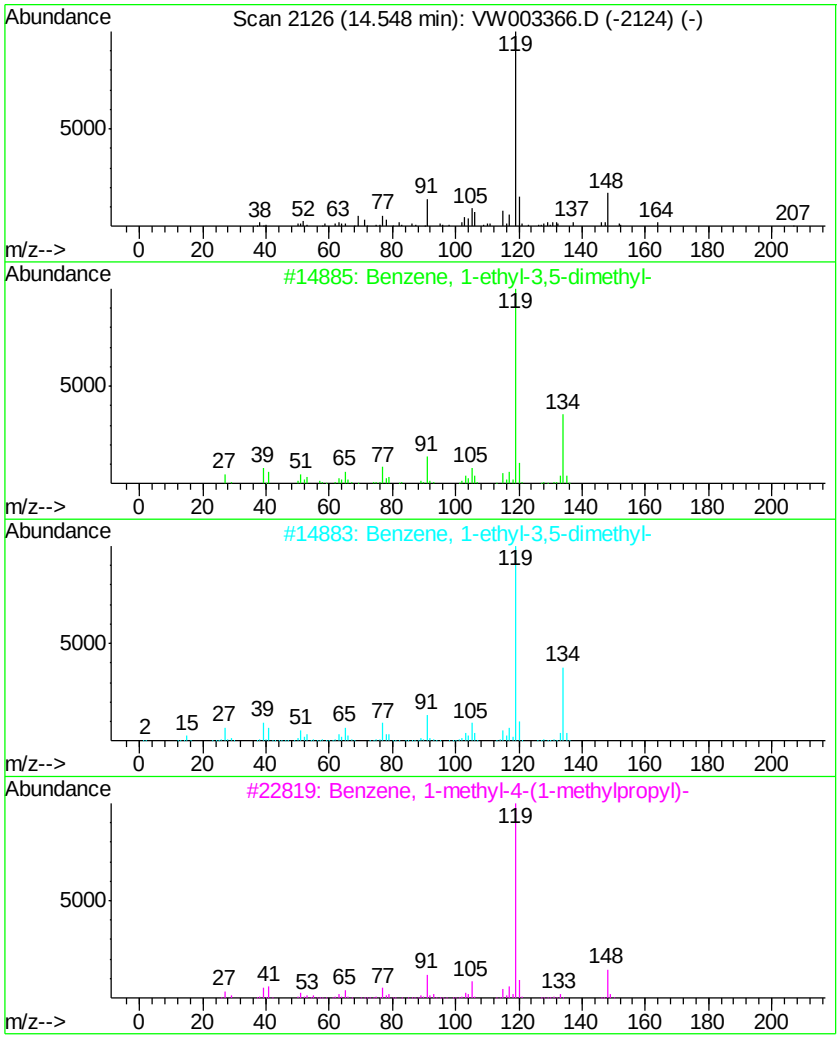
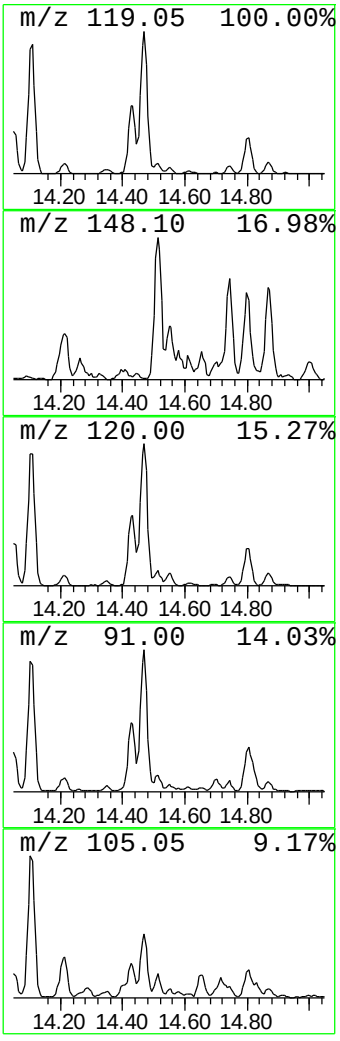
Peak Number 25 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.78 ug/L	67889	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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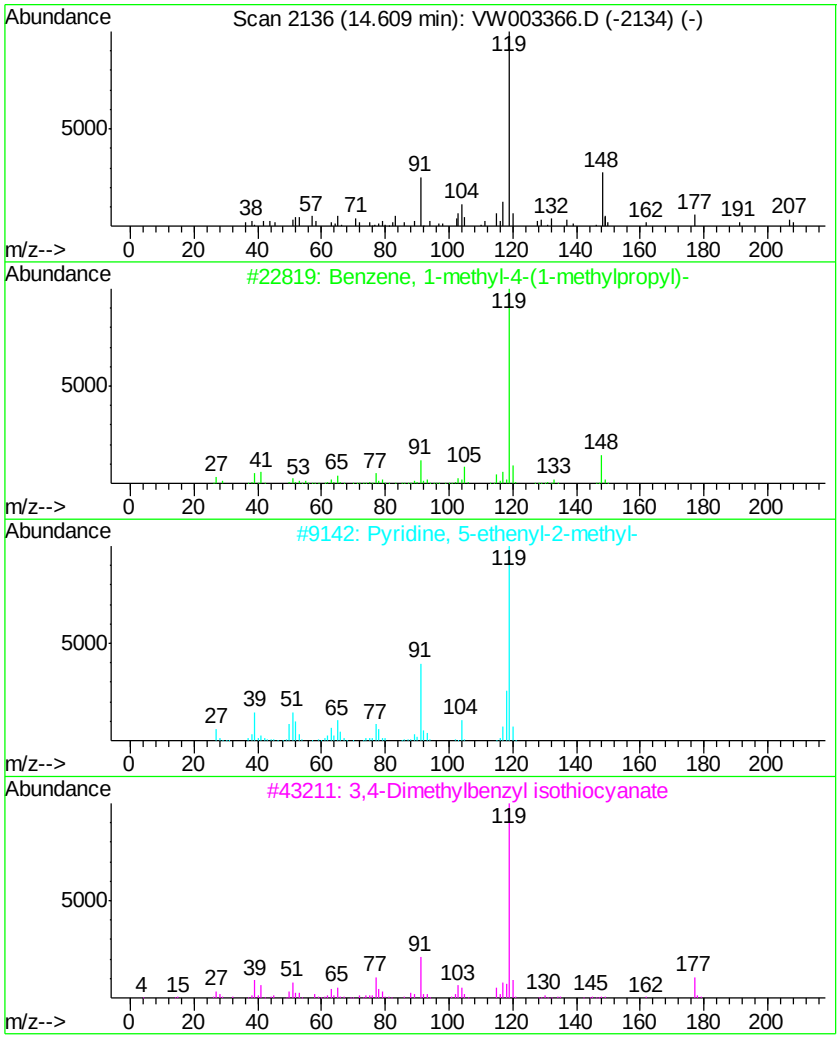
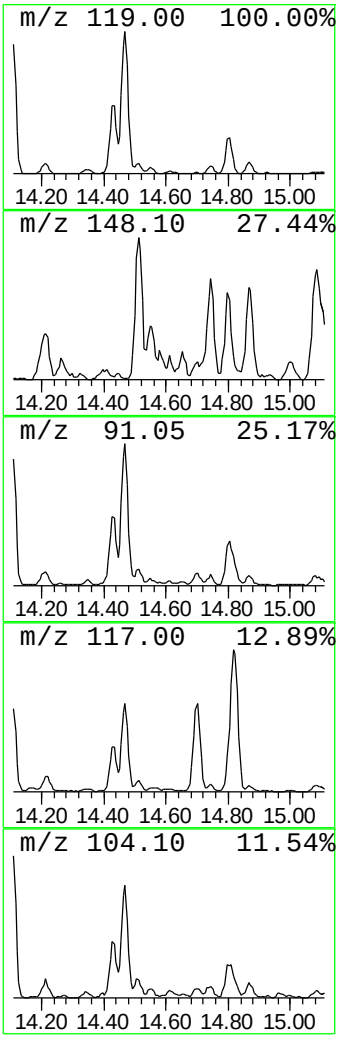
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	1.60 ug/L	22683	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	58
2	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	50
3	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	50
4	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	47
5	o-Cymene	134	C10H14	000527-84-4	47





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Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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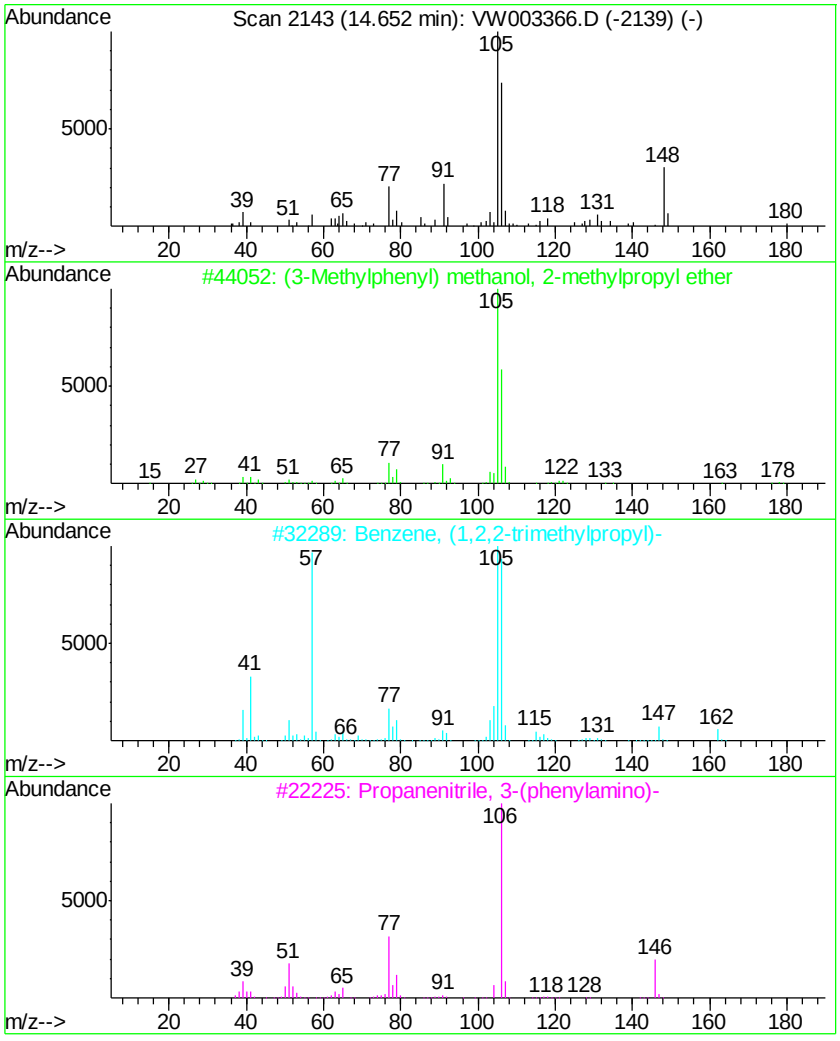
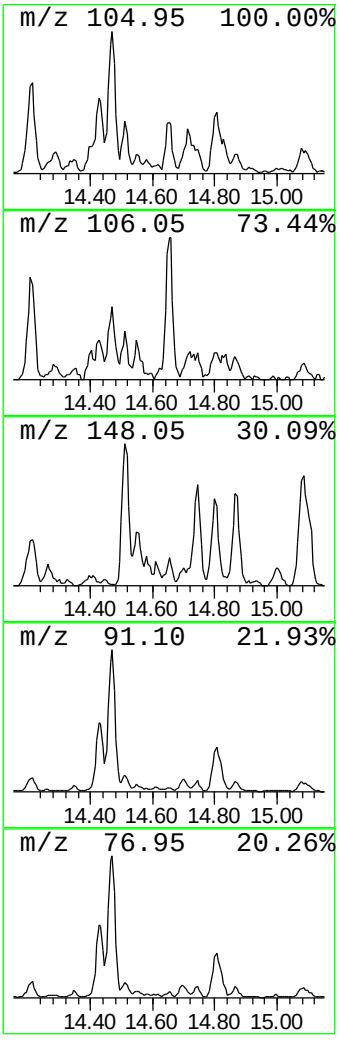
Peak Number 27 (3-Methylphenyl) methanol, ... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	1.96 ug/L	27828	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-58-2	59
2	Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	50
3	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	47
4	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	47
5	Benzenamine, N-ethyl-	121	C8H11N	000103-69-5	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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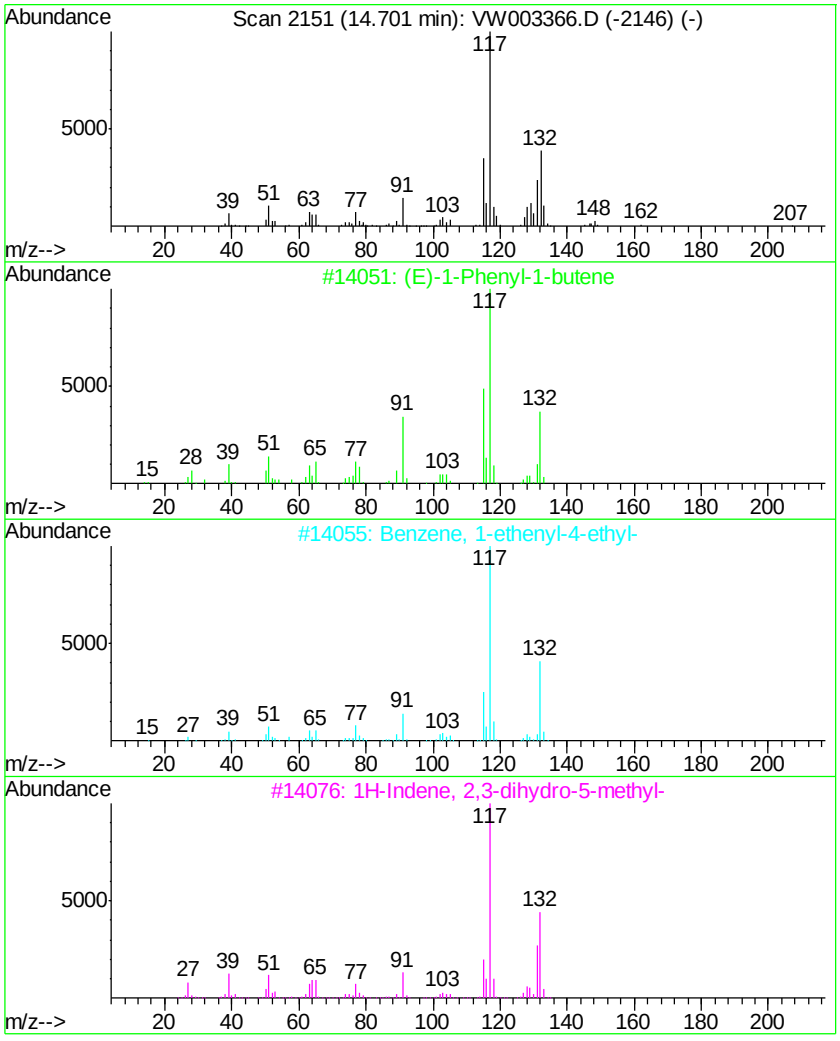
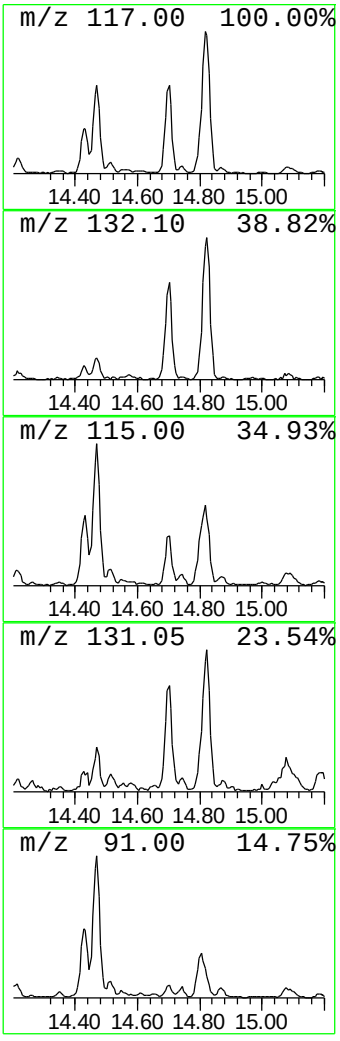
Peak Number 28 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	13.25 ug/L	188151	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

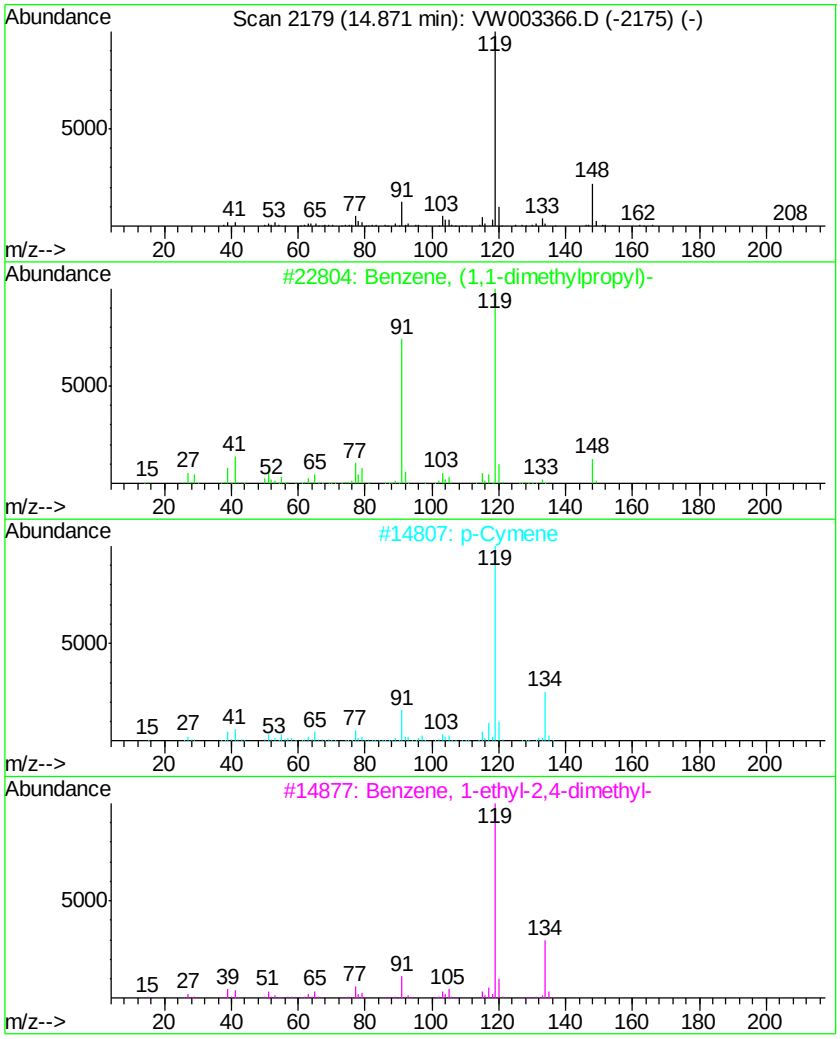
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

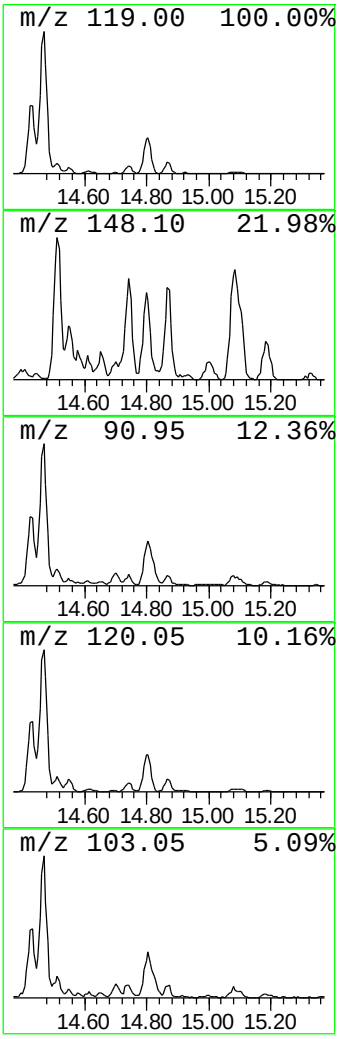
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	6.31 ug/L	89547	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
2	p-Cymene	134	C10H14	000099-87-6	64
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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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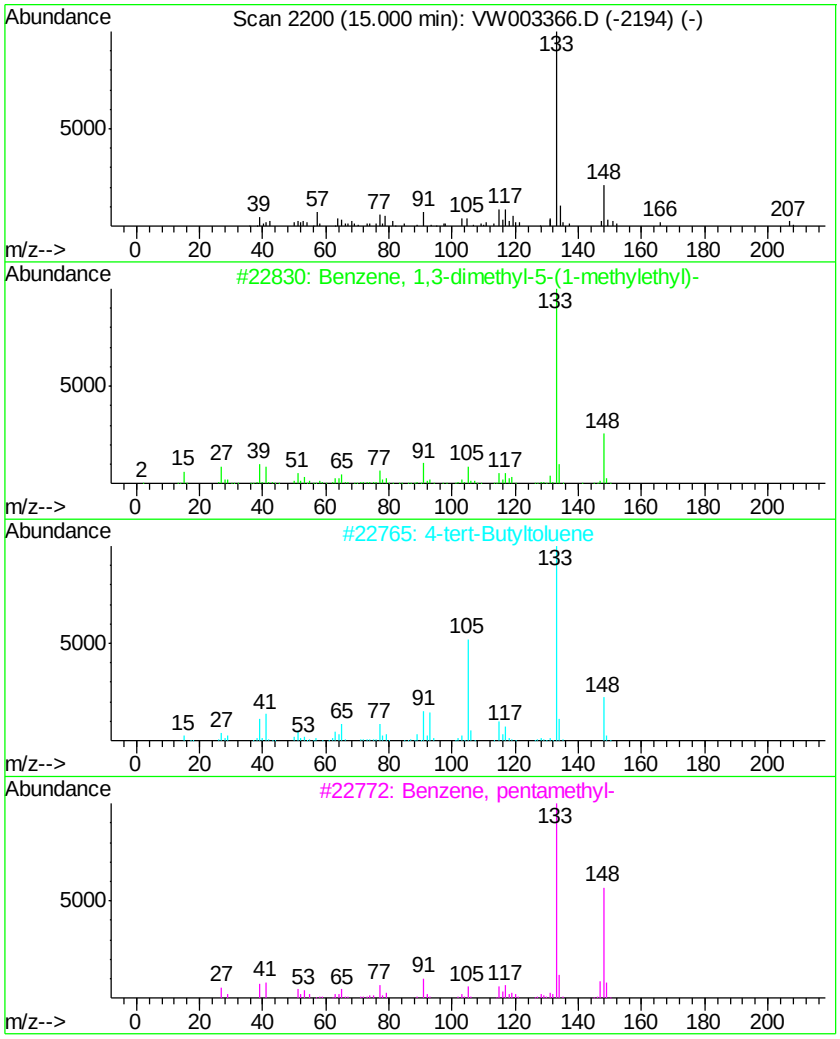
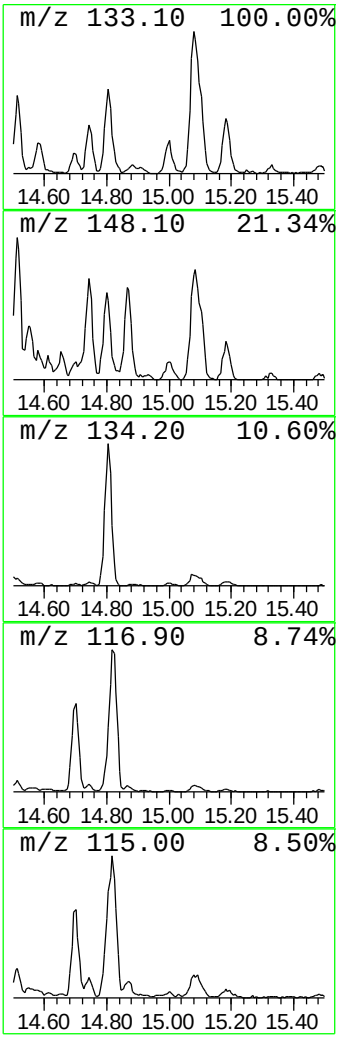
Peak Number 32 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	1.84 ug/L	26127	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

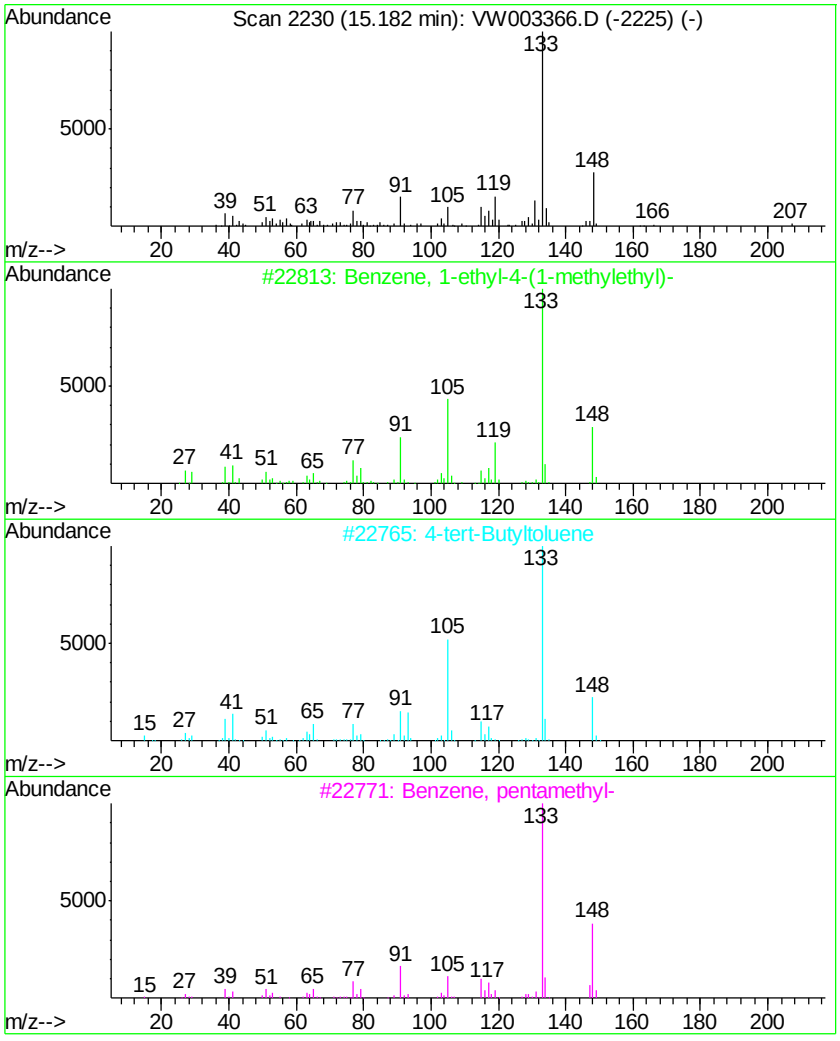
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

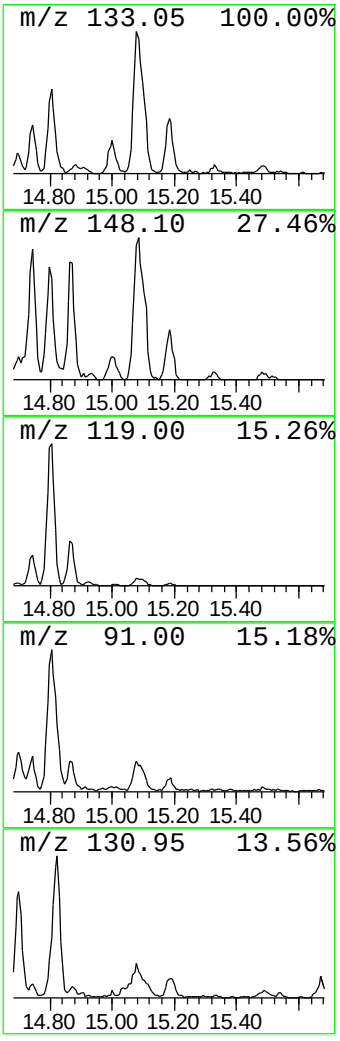
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.22 ug/L	59879	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	74
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	74
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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

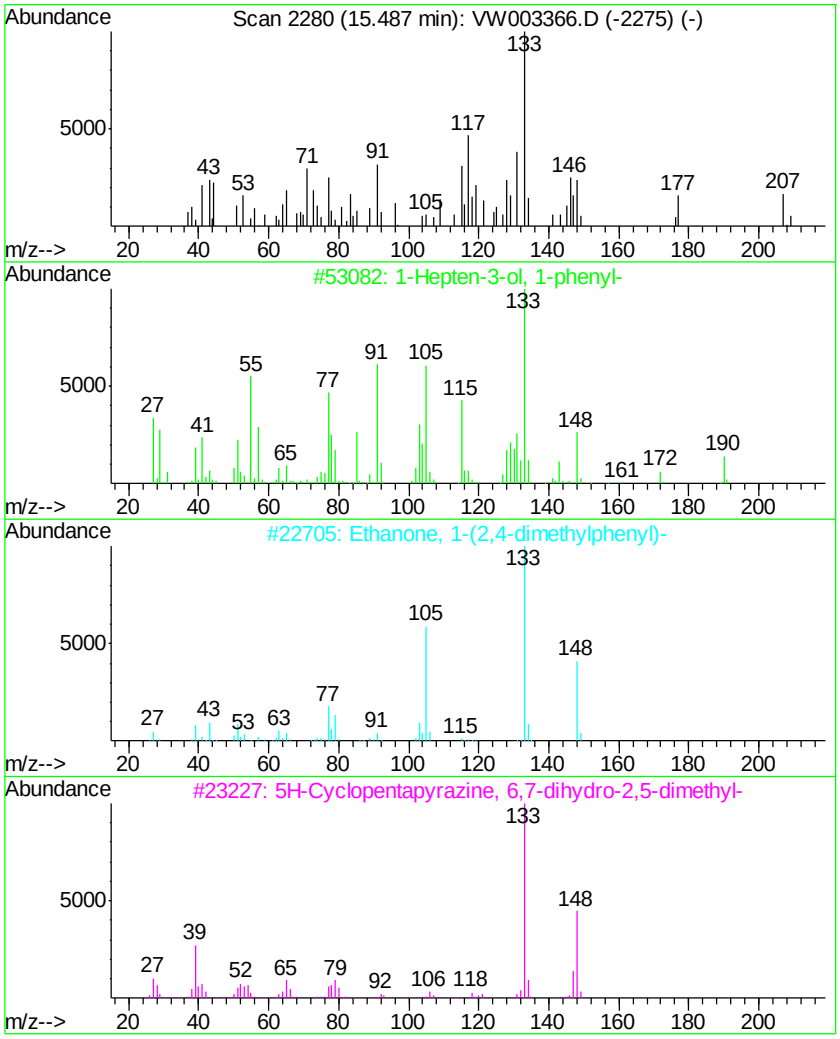
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

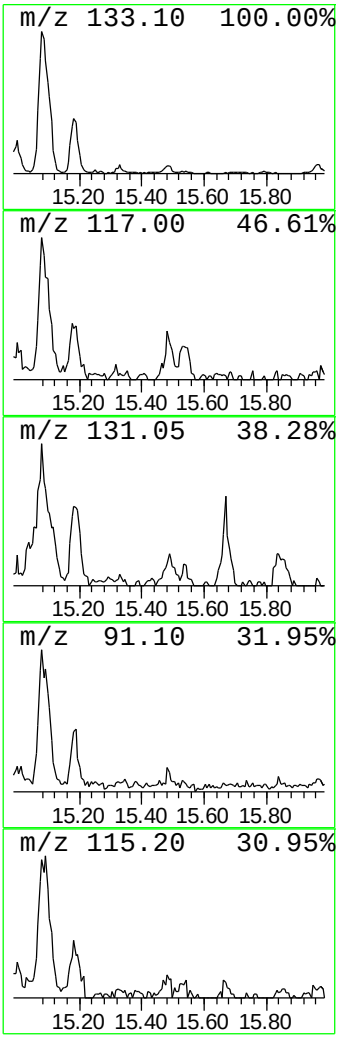
****

Peak Number 35 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	1.36 ug/L	19341	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hepten-3-ol, 1-phenyl-	190	C13H18O	020157-19-1	37
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25
3	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	25
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	22
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
Data File : VW003366.D
Acq On : 20 Jun 2018 21:29
Operator : SY/AP
Sample : J3569-11
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAXR2

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
2-Ethylacrolein	11.07	1.9	ug/L	56027	2	11.63	738532	25.0
(DEL) Alkane: Cyc...	11.18	1.7	ug/L	49576	2	11.63	738532	25.0
(DEL) Alkane: Cyc...	11.28	1.8	ug/L	53749	2	11.63	738532	25.0
Cyclohexanone, 2,...	11.41	2.2	ug/L	64805	2	11.63	738532	25.0
(DEL) Alkane: Cyc...	11.52	1.8	ug/L	52420	2	11.63	738532	25.0
Cyclopentane, 1-m...	11.74	7.5	ug/L	220108	2	11.63	738532	25.0
Benzene, 1,2,3-tr...	12.95	5.2	ug/L	73244	3	13.57	354905	25.0
Benzene, 1-methyl...	13.51	1.3	ug/L	18817	3	13.57	354905	25.0
Benzene, 1,2-diet...	13.73	5.3	ug/L	74775	3	13.57	354905	25.0
Benzene, 1-methyl...	13.76	10.8	ug/L	152768	3	13.57	354905	25.0
Benzene, 1,3-diet...	13.80	21.6	ug/L	306675	3	13.57	354905	25.0
Benzene, (1-methy...	13.96	3.6	ug/L	50724	3	13.57	354905	25.0
Benzene, 4-ethyl-...	14.02	26.0	ug/L	368550	3	13.57	354905	25.0
o-Cymene	14.05	24.5	ug/L	347715	3	13.57	354905	25.0
Benzene, 2-ethyl-...	14.10	92.1	ug/L	1307320	3	13.57	354905	25.0
Benzene, 2,4-diet...	14.26	1.9	ug/L	27296	3	13.57	354905	25.0
Benzene, 1,2,3,4-...	14.43	54.9	ug/L	779284	3	13.57	354905	25.0
Benzene, 1,2,4,5-...	14.47	103.1	ug/L	1464170	3	13.57	354905	25.0
Benzene, 1,3-diet...	14.51	12.5	ug/L	177617	3	13.57	354905	25.0
Benzene, 1-ethyl-...	14.55	4.8	ug/L	67889	3	13.57	354905	25.0
Benzene, 1-methyl...	14.61	1.6	ug/L	22683	3	13.57	354905	25.0
(3-Methylphenyl) ...	14.65	2.0	ug/L	27828	3	13.57	354905	25.0
(E)-1-Phenyl-1-bu...	14.70	13.3	ug/L	188151	3	13.57	354905	25.0
Benzene, (1,1-dim...	14.87	6.3	ug/L	89547	3	13.57	354905	25.0
Benzene, 1,3-dime...	15.00	1.8	ug/L	26127	3	13.57	354905	25.0
Benzene, 1-ethyl-...	15.18	4.2	ug/L	59879	3	13.57	354905	25.0
unknown-01	15.49	1.4	ug/L	19341	3	13.57	354905	25.0