LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

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_V\METHOD\SOMVLM070820WMA.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	1.315	64	70	82	rVB	98419	102123	4.01%	0.597%
2	1.579	145	152	161	rBV	76260	85251	3.34%	0.498%
3	2.045	291	297	309	rVB6	5358	9031	0.35%	0.053%
4	2.122	311	321	335	rBV	187747	289634	11.36%	1.692%
5	2.325	371	384	385	rBV8	2415	3552	0.14%	0.021%
6	2.743	511	514	517	rVV3	1430	1184	0.05%	0.007%
7	2.781	517	526	540	rVB3	8951	17739	0.70%	0.104%
8	2.955	577	580	582	rBV4	801	537	0.02%	0.003%
9	3.061	605	613	624	rVV9	3939	7412	0.29%	0.043%
10	3.126	630	633	635	rBV4	745	470	0.02%	0.003%
11	3.232	660	666	668	rBV4	2013	2124	0.08%	0.012%
12	3.621	785	787	789	rBV2	724	446	0.02%	0.003%
13	3.688	804	808	809	rBV3	1103	828	0.03%	0.005%
14	3.791	827	840	855	rBV3	24716	64288	2.52%	0.376%
15	3.907	866	876	900	rBV	51500	143996	5.65%	0.841%
16	4.376	1007	1022	1047	rBV	145975	351081	13.77%	2.051%
17	4.553	1074	1077	1082	rBV6	828	692	0.03%	0.004%
18	4.701	1110	1123	1139	rBV4	13341	34425	1.35%	0.201%
19	4.933	1186	1195	1196	rBV5	4280	5455	0.21%	0.032%
20	5.071	1221	1238	1268	rVV2	315652	840269	32.96%	4.910%
21	5.412	1341	1344	1345	rBV3	744	533	0.02%	0.003%
22	5.460	1355	1359	1364	rVB6	564	638	0.03%	0.004%
23	5.489	1364	1368	1369	rBV3	936	499	0.02%	0.003%
24	5.553	1385	1388	1391	rBV4	917	510	0.02%	0.003%
25	5.640	1403	1415	1445	rBV	298313	605071	23.74%	3.535%
26	5.933	1497	1506	1511	rBV7	7383	12912	0.51%	0.075%
27	6.029	1534	1536	1539	rVB2	1117	500	0.02%	0.003%
28	6.093	1543	1556	1574	rBV2	174539	374458	14.69%	2.188%
29	6.212	1591	1593	1596	rBV3	672	505	0.02%	0.003%
30	6.476	1671	1675	1678	rBV4	1334	1187	0.05%	0.007%
31	6.730	1752	1754	1757	rVB3	1065	592	0.02%	0.003%
32	6.756	1757	1762	1765	rBV3	1039	887	0.03%	0.005%
33	6.904	1804	1808	1812	rVB4	966	925	0.04%	0.005%
34	6.936	1813	1818	1821	rBV4	1202	1079	0.04%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

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_V\METHOD\SOMVLM070820WMA.M
Title : VOC Analysis

35	7.010	1830	1841	1863	rBV2	106814	198164	7.77%	1.158%
36	7.199	1889	1900	1909	rBV2	4779	9847	0.39%	0.058%
37	7.338	1931	1943	1957	rBV	376797	644893	25.30%	3.768%
38	7.601	2021	2025	2027	rBV5	1516	1306	0.05%	0.008%
39	7.643	2028	2038	2054	rVV	77098	134295	5.27%	0.785%
40	7.743	2067	2069	2073	rBV3	981	731	0.03%	0.004%
41	7.862	2098	2106	2107	rBV7	4364	4607	0.18%	0.027%
42	7.949	2129	2133	2134	rBV2	1042	743	0.03%	0.004%
43	8.106	2173	2182	2217	rBV	198411	360486	14.14%	2.106%
44	8.408	2274	2276	2279	rBV	1395	834	0.03%	0.005%
45	8.469	2292	2295	2300	rBV4	722	533	0.02%	0.003%
46	8.518	2306	2310	2312	rBV	948	663	0.03%	0.004%
47	8.643	2346	2349	2351	rBV3	723	485	0.02%	0.003%
48	8.730	2370	2376	2390	rVB4	8291	13902	0.55%	0.081%
49	8.784	2390	2393	2396	rBV4	904	659	0.03%	0.004%
50	8.810	2396	2401	2402	rBV3	1014	829	0.03%	0.005%
51	8.874	2410	2421	2441	rBV	444579	716710	28.12%	4.188%
52	9.032	2461	2470	2486	rVB	216044	344572	13.52%	2.013%
53	9.161	2498	2510	2538	rVB	1170879	1846266	72.43%	10.788%
54	9.501	2609	2616	2618	rBV6	940	1006	0.04%	0.006%
55	9.563	2623	2635	2658	rVB	1668070	2549125	100.00%	14.895%
56	9.836	2714	2720	2722	rBV4	1135	1126	0.04%	0.007%
57	9.952	2746	2756	2769	rBV2	61096	96879	3.80%	0.566%
58	10.038	2776	2783	2797	rVB3	10523	17625	0.69%	0.103%
59	10.138	2811	2814	2819	rBV6	590	713	0.03%	0.004%
60	10.238	2830	2845	2859	rBV	253108	402045	15.77%	2.349%
61	10.376	2873	2888	2906	rBV	71825	122712	4.81%	0.717%
62	10.469	2906	2917	2921	rBV	221304	333593	13.09%	1.949%
63	10.559	2936	2945	2967	rVB	322998	487593	19.13%	2.849%
64	10.759	2992	3007	3025	rBV	347939	531493	20.85%	3.106%
65	10.865	3037	3040	3042	rBV4	847	637	0.02%	0.004%
66	10.936	3049	3062	3080	rBV	1161690	1704231	66.86%	9.958%
67	11.170	3131	3135	3136	rBV5	883	674	0.03%	0.004%
68	11.215	3140	3149	3155	rVV	19626	29441	1.15%	0.172%
69	11.270	3156	3166	3181	rVV	513803	789421	30.97%	4.613%
70	11.357	3183	3193	3209	rVB	375106	562036	22.05%	3.284%
71	11.553	3240	3254	3263	rBV2	85503	168646	6.62%	0.985%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

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_V\METHOD\SOMVLM070820WMA.M
Title : VOC Analysis

72	11.646	3274	3283	3305	rVB2	485937	817727	32.08%	4.778%
73	11.768	3314	3321	3333	rVB4	17359	27806	1.09%	0.162%
74	11.842	3335	3344	3353	rVV	27947	42502	1.67%	0.248%
75	11.932	3364	3372	3377	rBV	42485	60912	2.39%	0.356%
76	12.038	3395	3405	3414	rBV	74752	119047	4.67%	0.696%
77	12.138	3426	3436	3455	rBV2	57772	110328	4.33%	0.645%
78	12.280	3469	3480	3491	rBV	75953	125588	4.93%	0.734%
79	12.437	3521	3529	3537	rBV2	35916	51782	2.03%	0.303%
80	12.489	3537	3545	3558	rVB	58146	91056	3.57%	0.532%
81	12.569	3566	3570	3577	rBV6	4400	6409	0.25%	0.037%
82	12.749	3618	3626	3636	rVB	34688	52735	2.07%	0.308%
83	12.906	3668	3675	3685	rVB2	74478	110502	4.33%	0.646%
84	13.074	3720	3727	3739	rVB5	14163	24631	0.97%	0.144%
85	13.186	3755	3762	3770	rVV10	3906	6564	0.26%	0.038%
86	13.238	3773	3778	3786	rVB3	9159	12706	0.50%	0.074%
87	13.527	3858	3868	3880	rBV	216396	328112	12.87%	1.917%
88	13.736	3925	3933	3936	rBV9	4094	5378	0.21%	0.031%
89	13.868	3971	3974	3978	rBV3	635	465	0.02%	0.003%
90	13.932	3988	3994	4006	rVB4	5430	7965	0.31%	0.047%
91	14.032	4019	4025	4028	rBV4	895	912	0.04%	0.005%
92	14.173	4064	4069	4074	rBV5	1395	1795	0.07%	0.010%
93	14.257	4087	4095	4100	rBV9	3153	4488	0.18%	0.026%
94	14.659	4212	4220	4235	rVB	22431	37257	1.46%	0.218%
95	14.842	4270	4277	4288	rVB4	15329	23701	0.93%	0.138%
96	14.916	4296	4300	4302	rBV3	1064	725	0.03%	0.004%
97	14.932	4302	4305	4306	rVB2	1220	646	0.03%	0.004%
98	14.951	4306	4311	4314	rBV4	1293	1091	0.04%	0.006%
99	14.967	4314	4316	4320	rBV4	871	609	0.02%	0.004%
100	15.189	4381	4385	4388	rBV4	659	571	0.02%	0.003%

Sum of corrected areas: 17114364

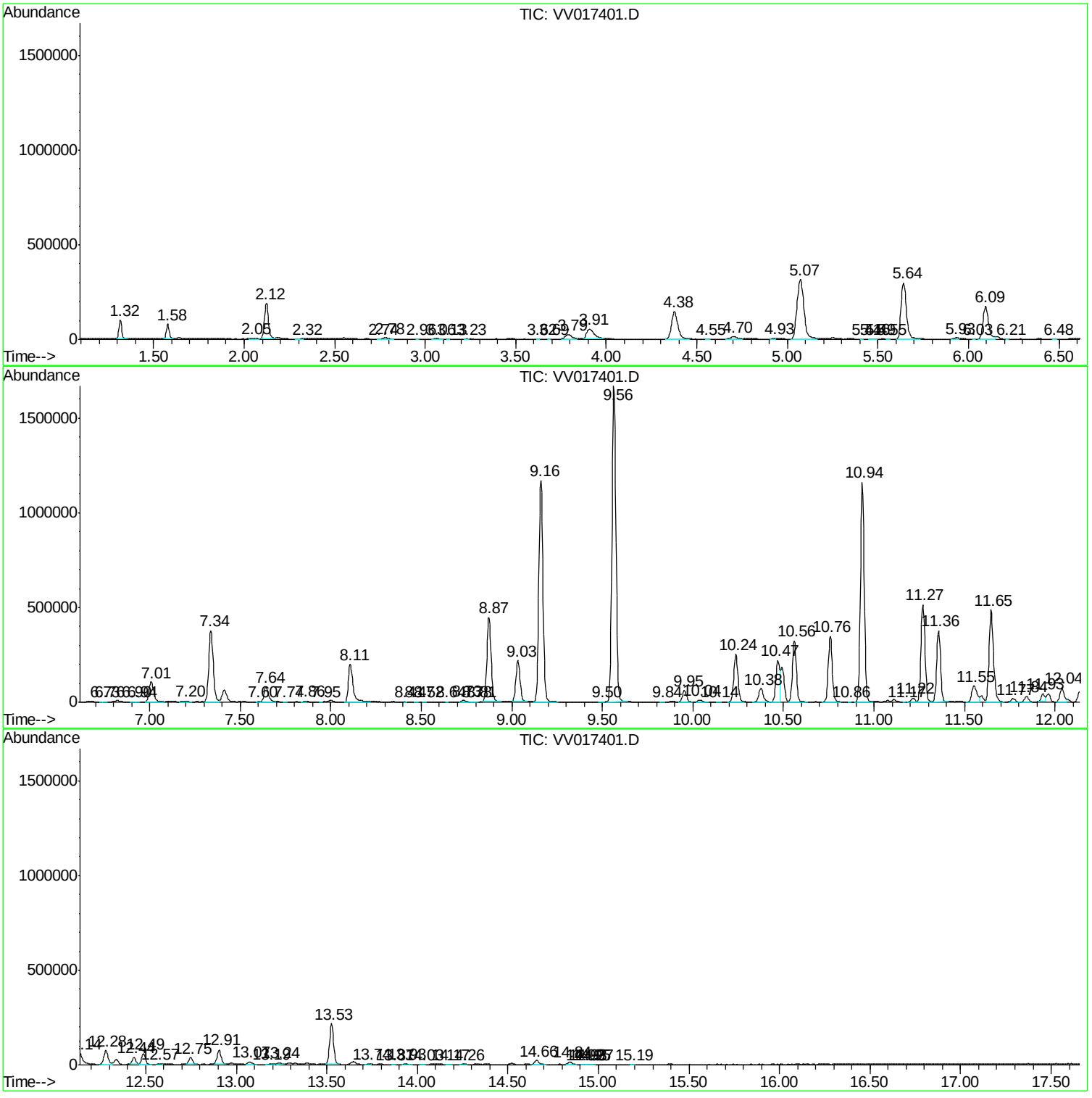
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

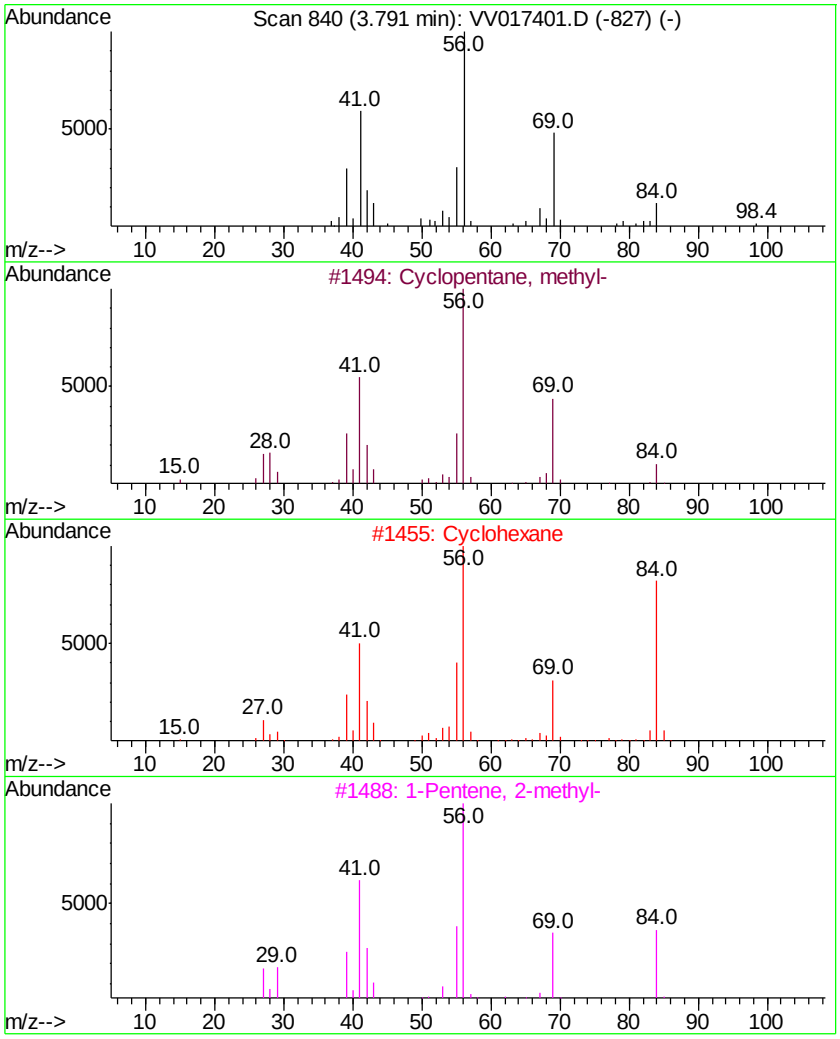
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

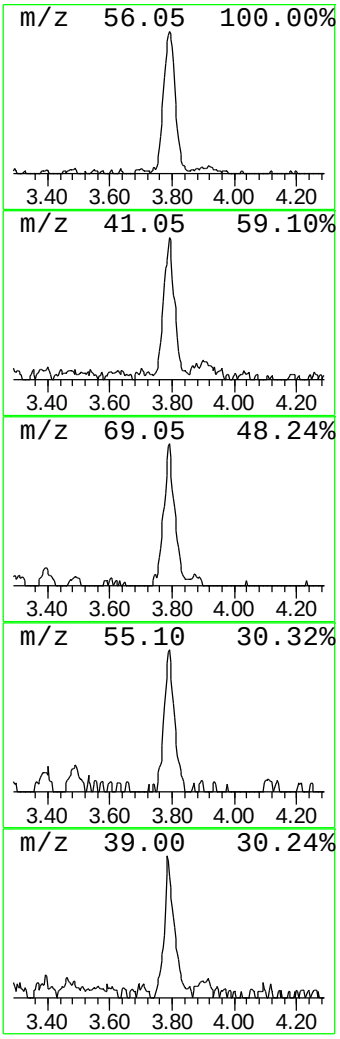
****

Peak Number 1 (DEL) Alkane: Cyclic3.79 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	5.31 ug/L	64288	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclohexane	84	C6H12	000110-82-7	59
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

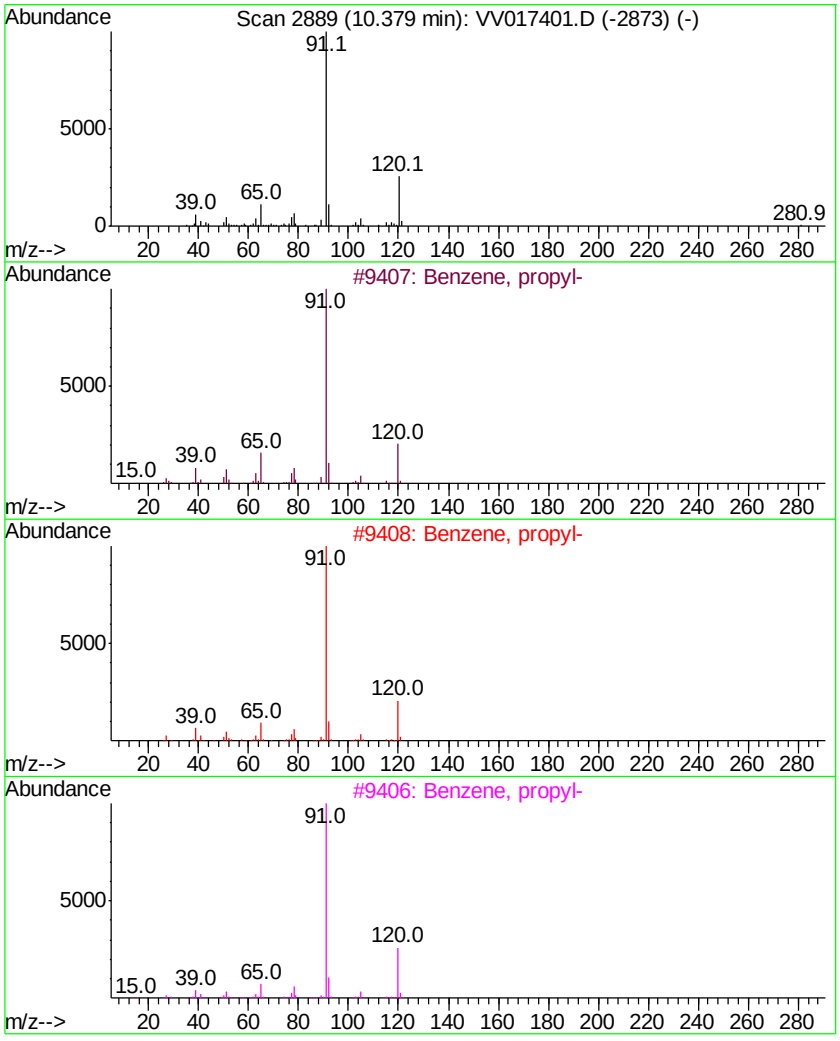
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

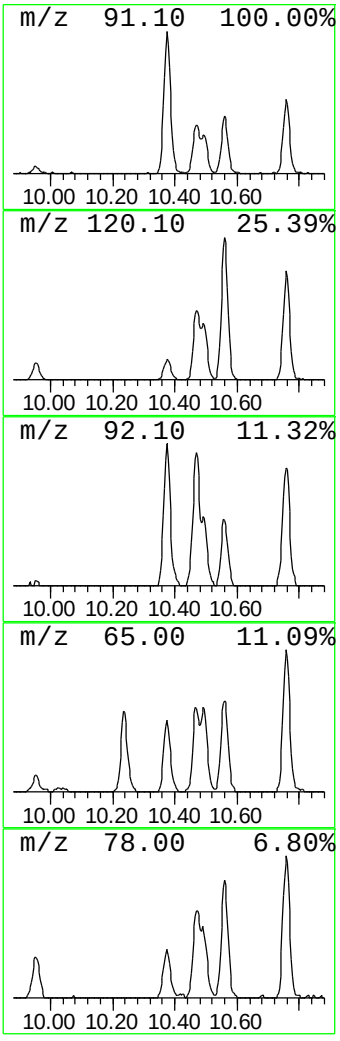
****

Peak Number 3 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	7.77 ug/L	122712	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

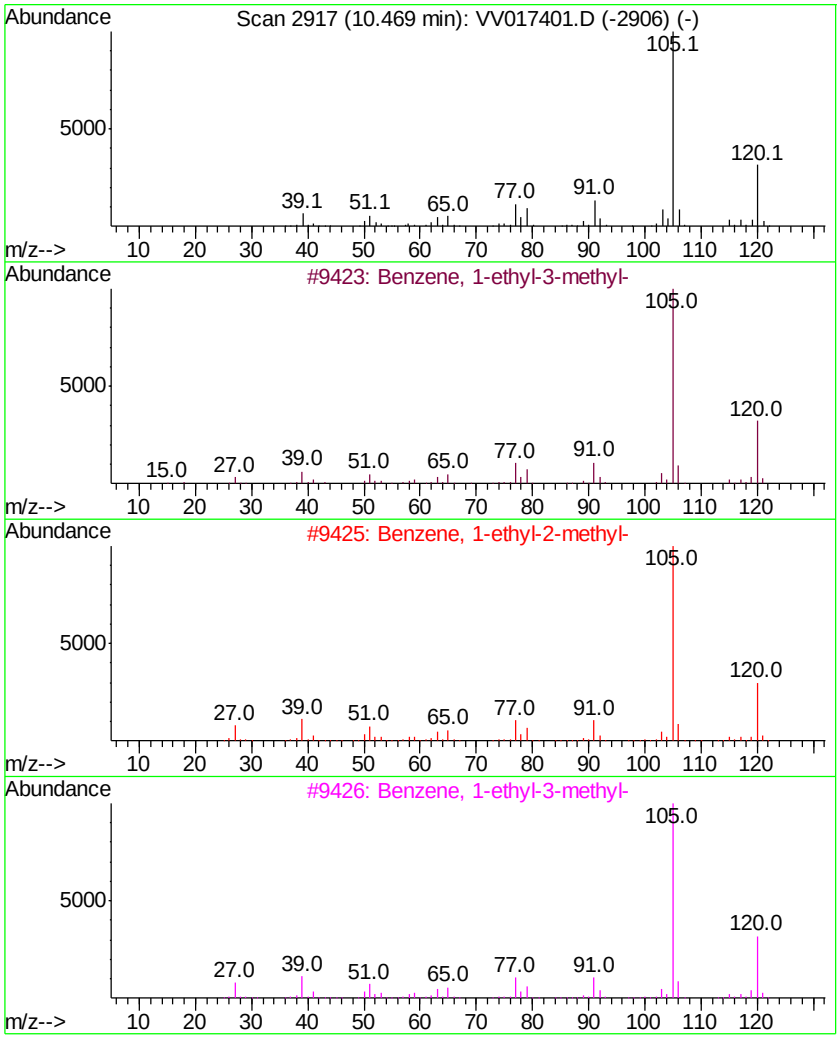
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

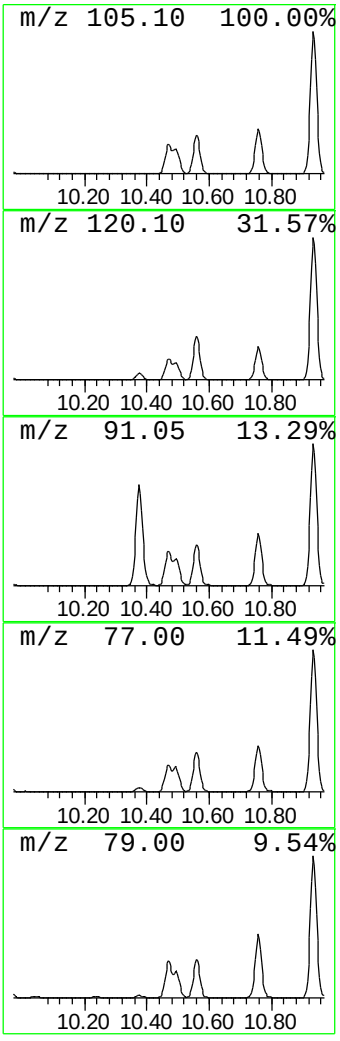
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	21.13 ug/L	333593	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

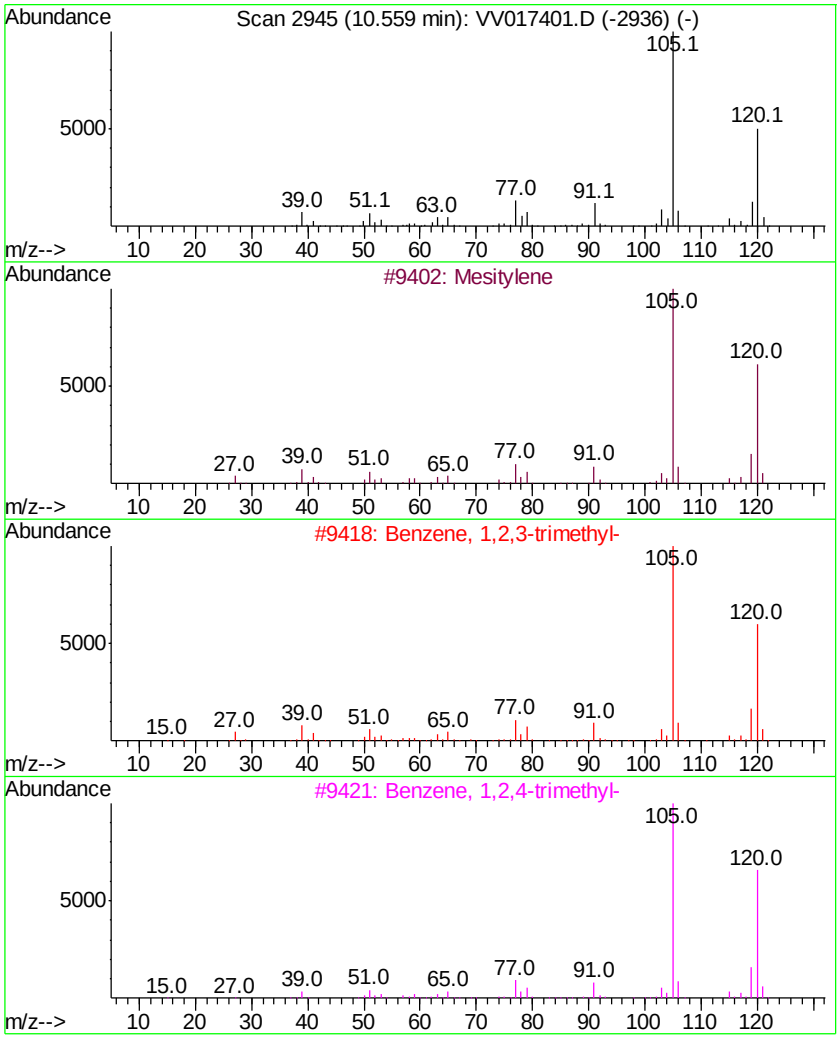
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

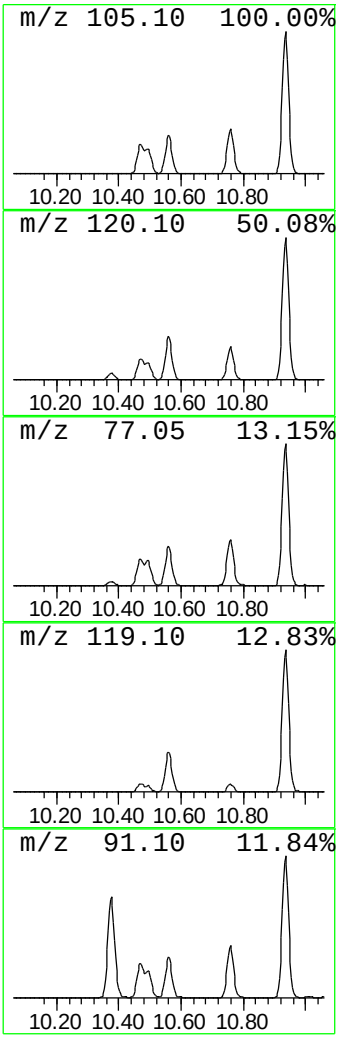
****

Peak Number 5 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	30.88 ug/L	487593	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

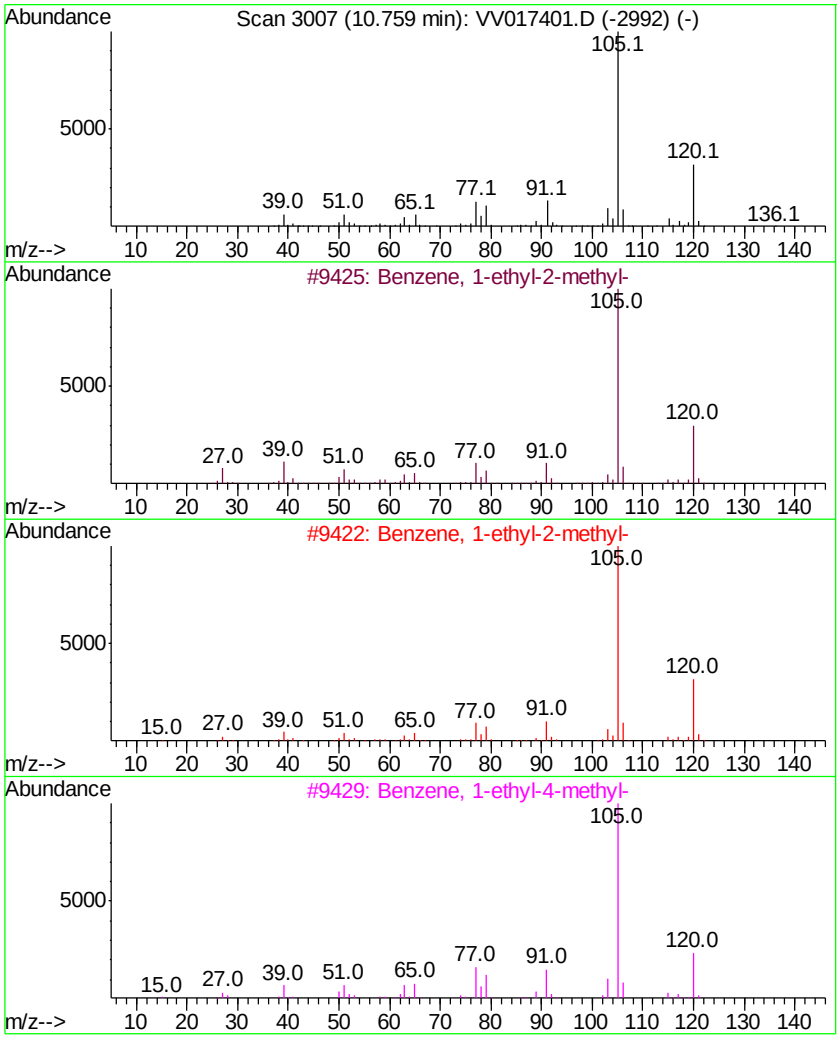
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

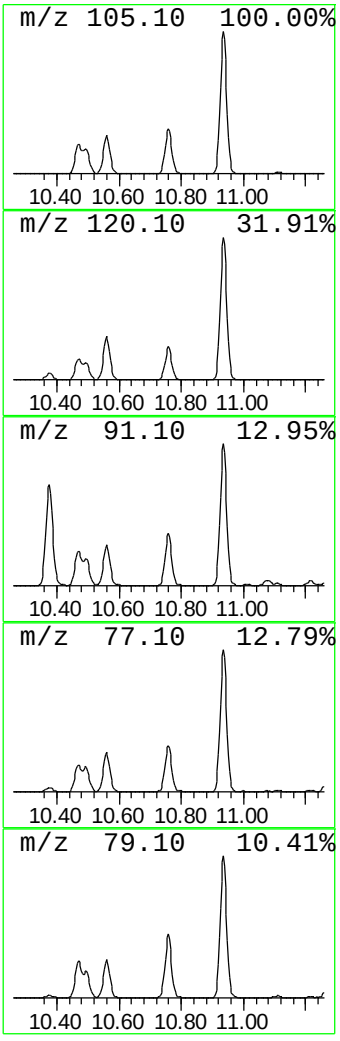
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	33.66 ug/L	531493	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

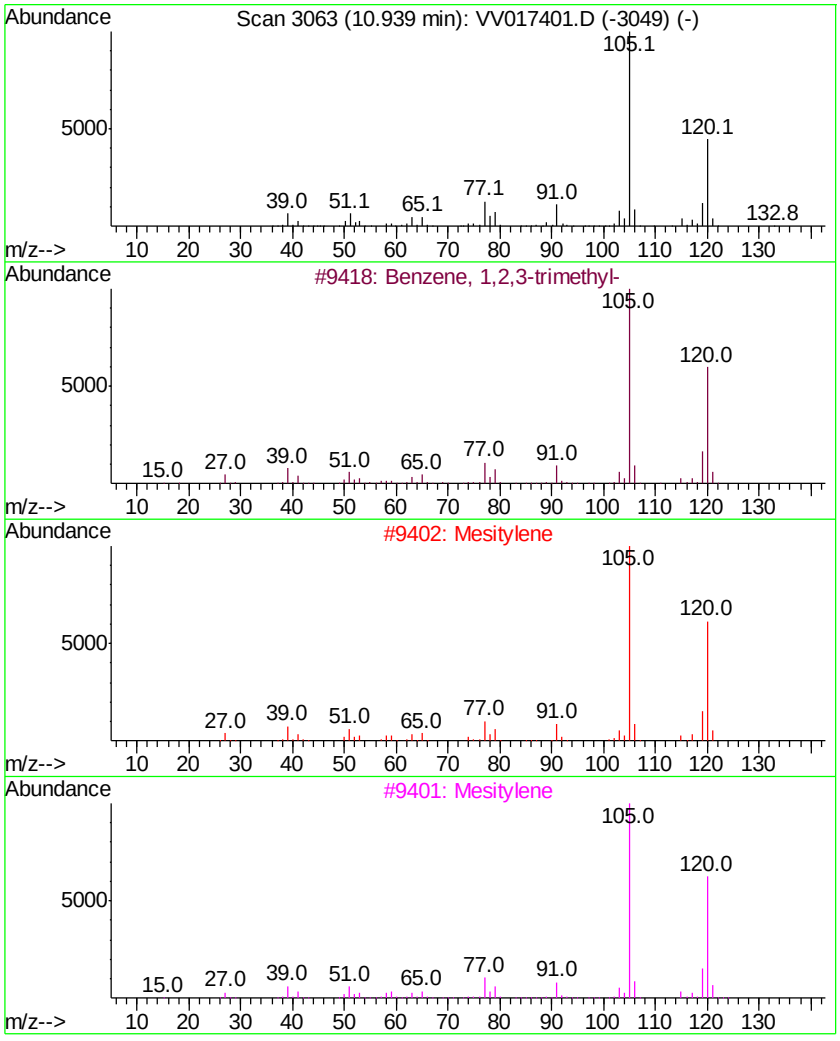
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

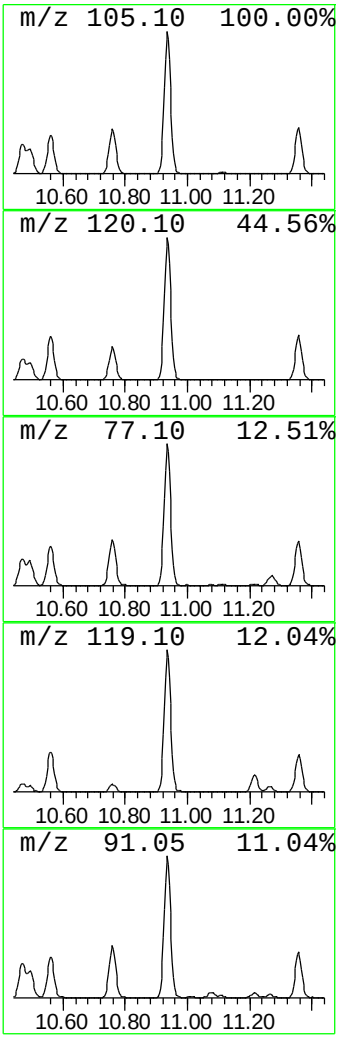
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	107.94 ug/L	1704230	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Library Search Compound Report

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Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

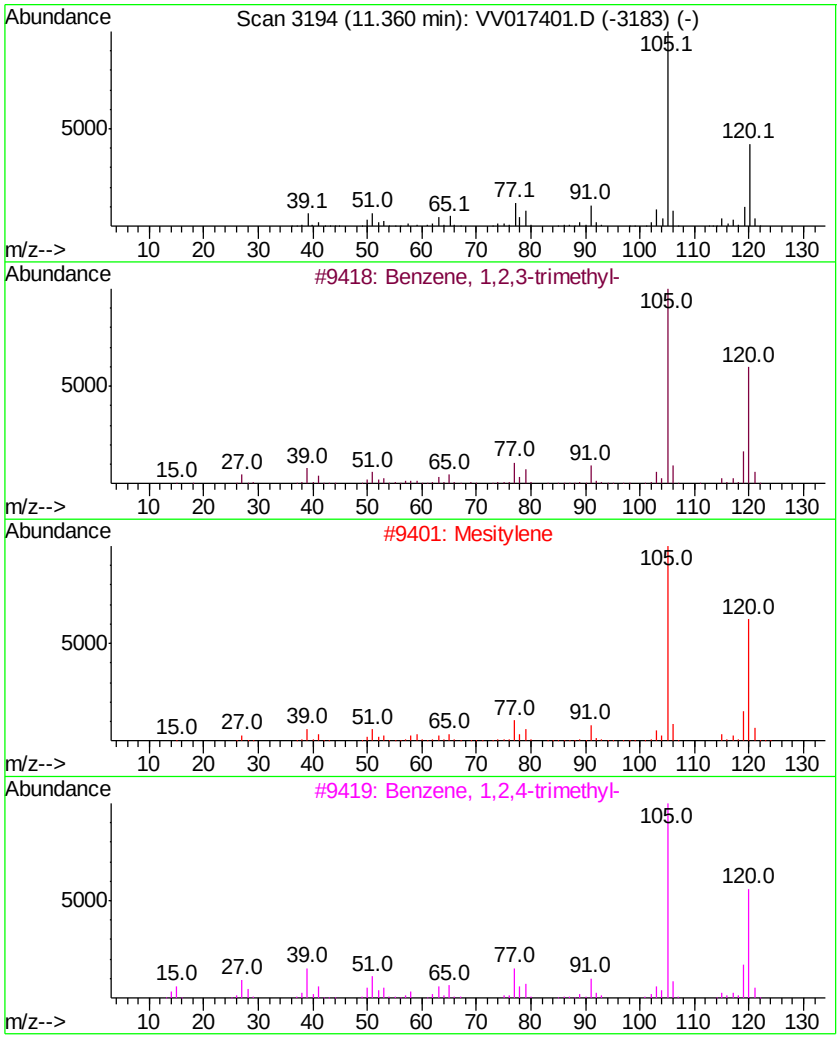
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

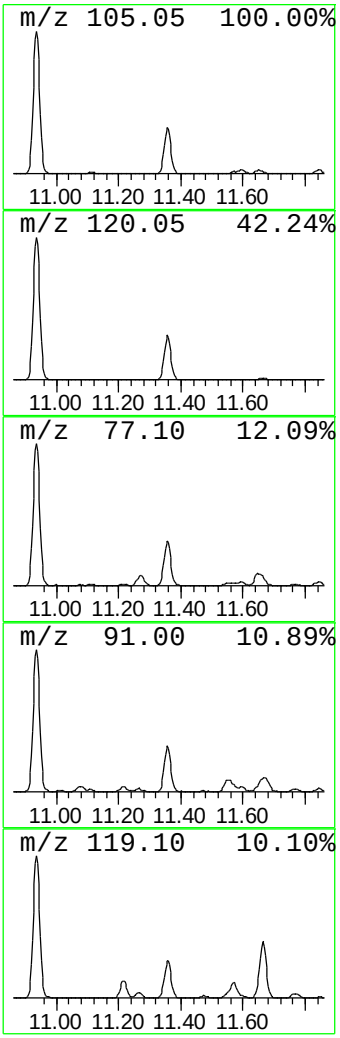
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	35.60 ug/L	562036	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

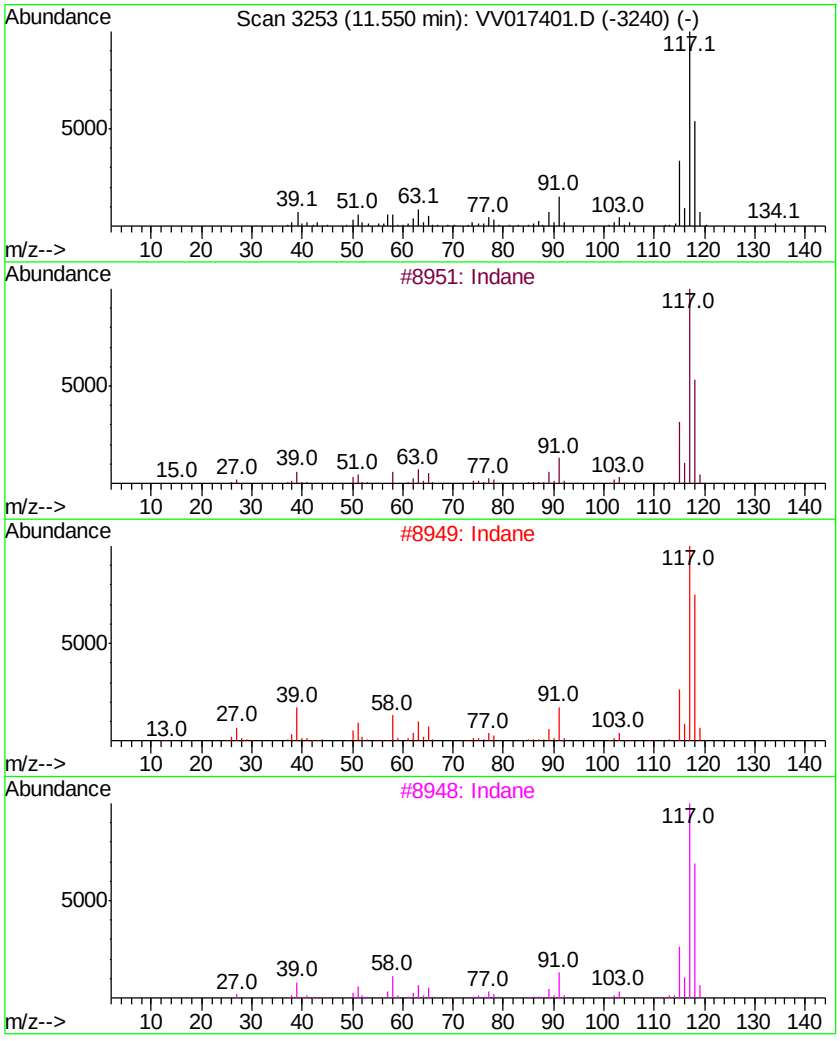
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

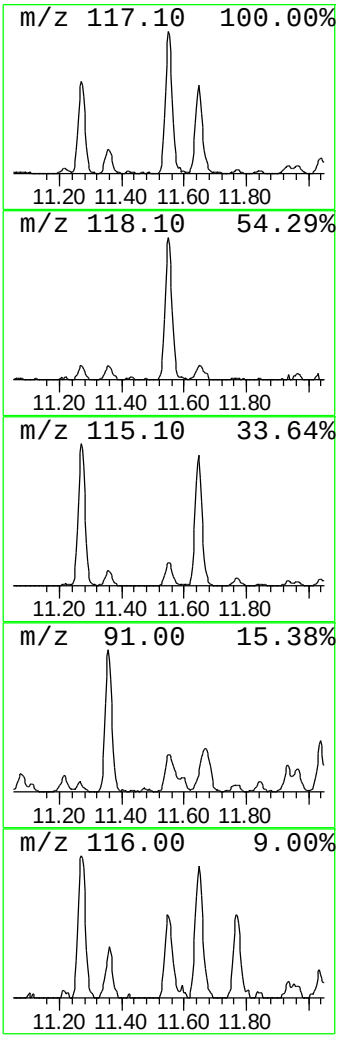
****

Peak Number 9 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	10.68 ug/L	168646	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





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Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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

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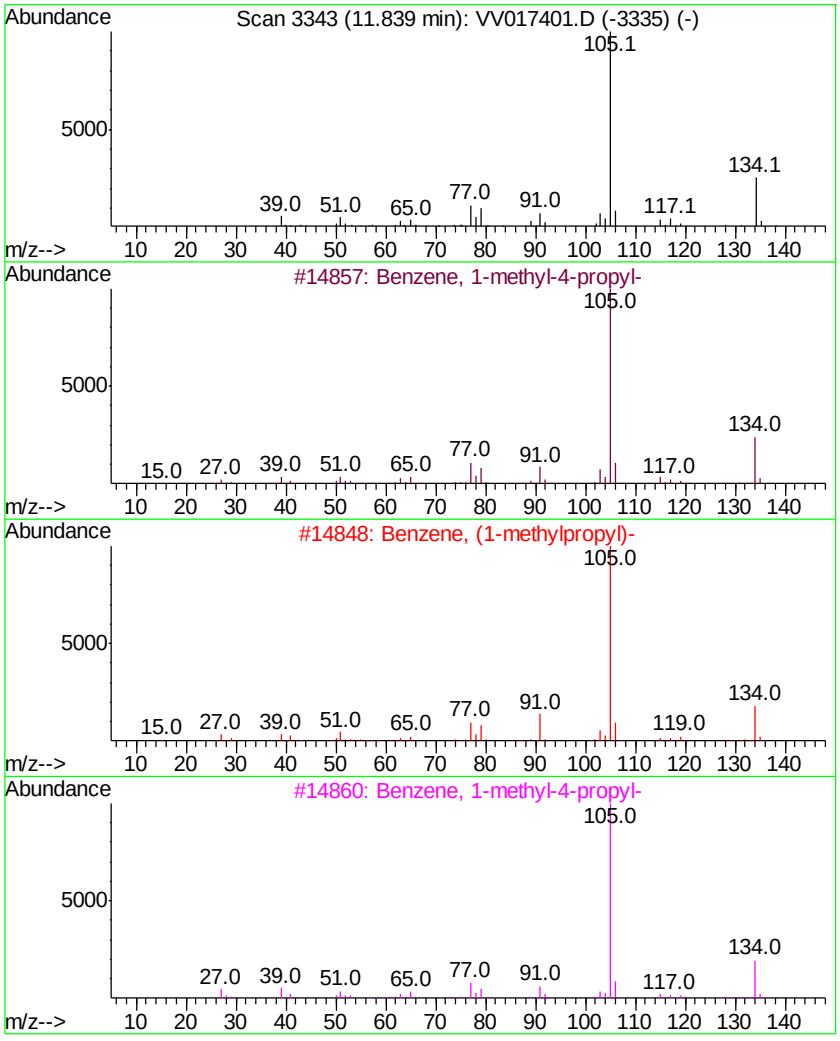
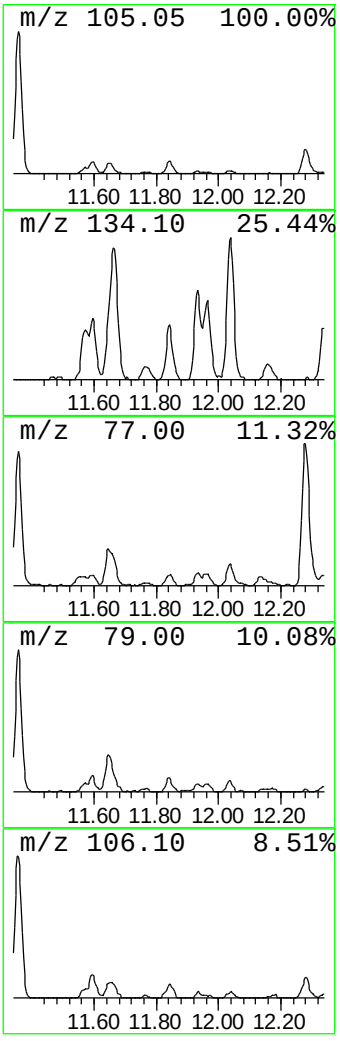
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.69 ug/L	42502	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	2-Tolyloxirane	134	C9H10O	002783-26-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

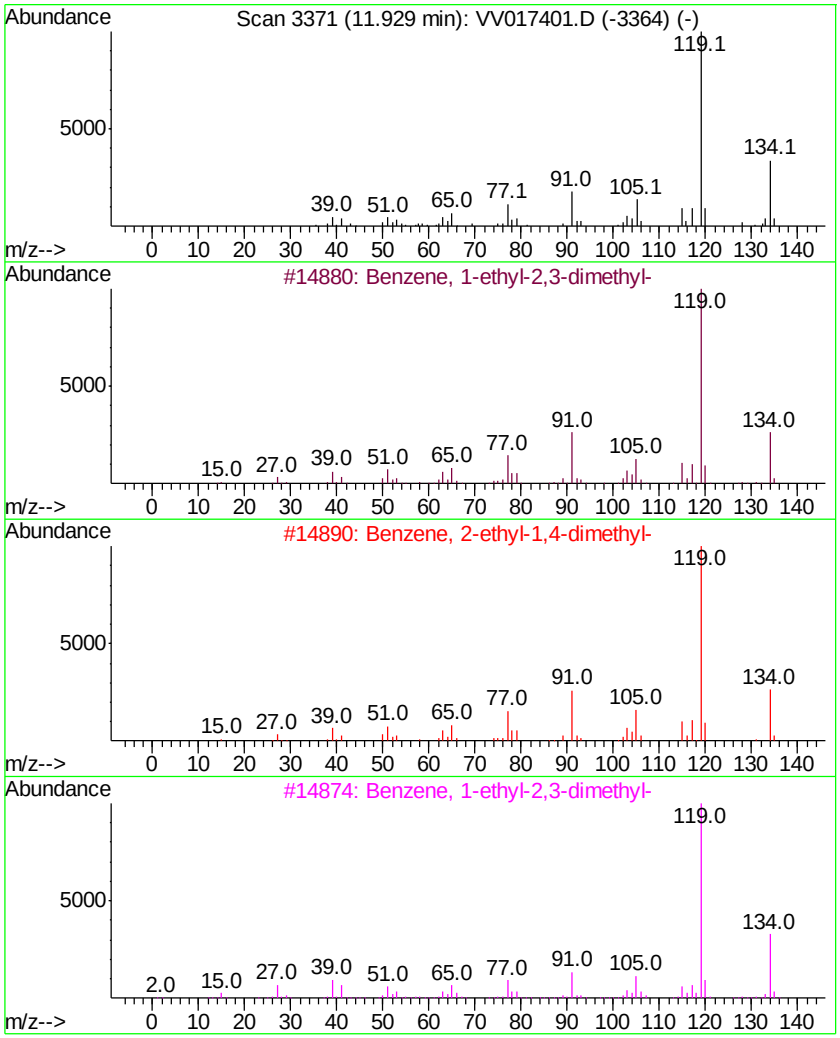
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

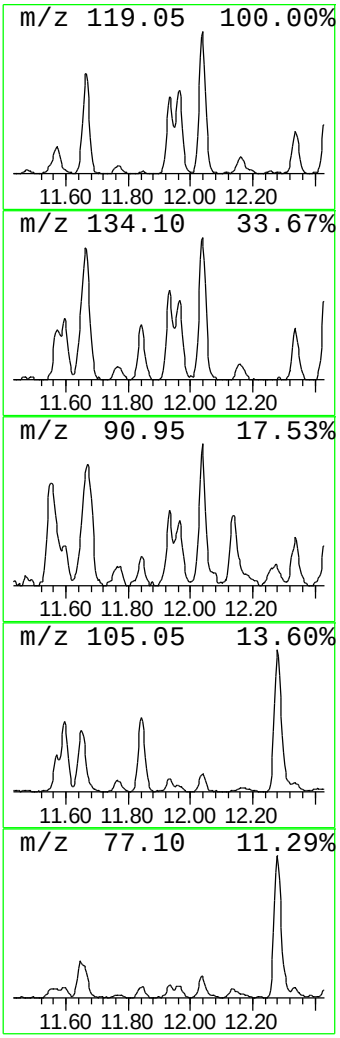
****

Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.86 ug/L	60912	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	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	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

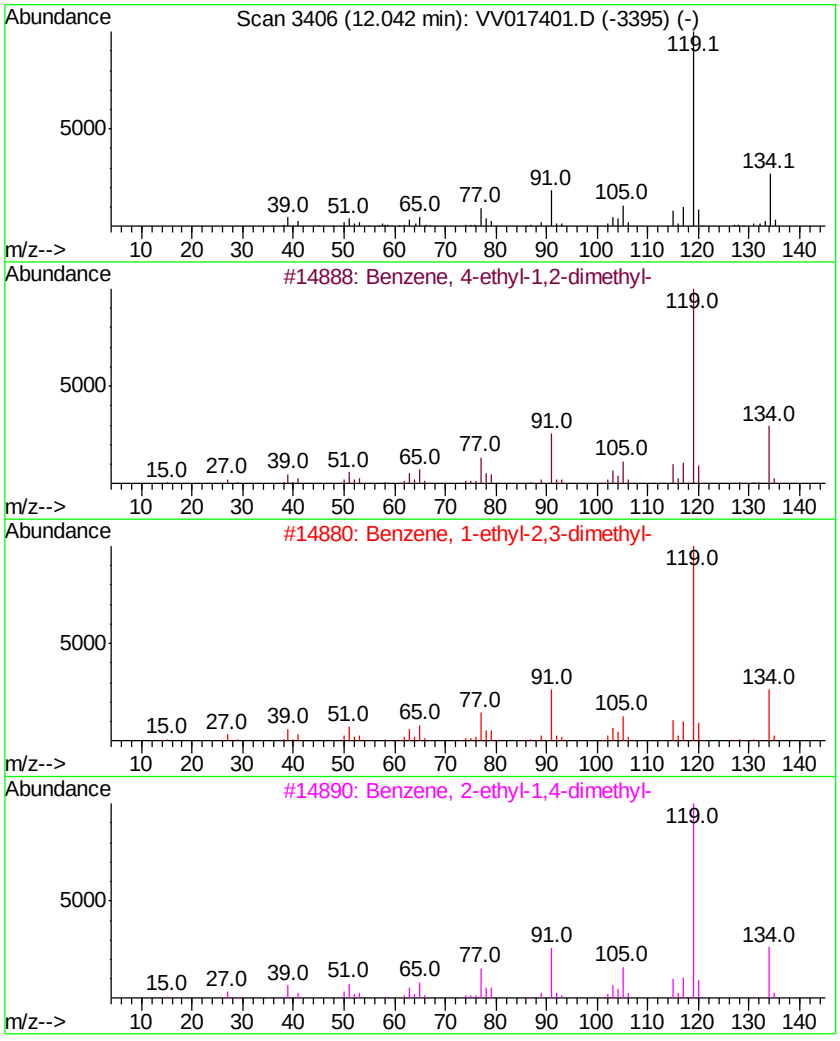
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

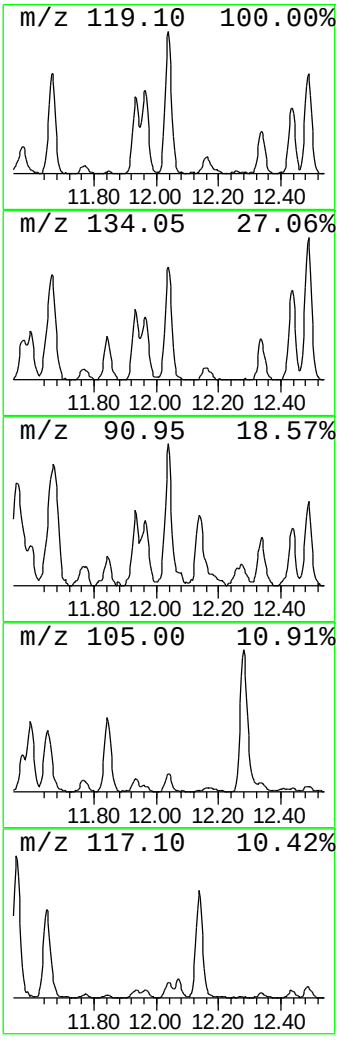
****

Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	7.54 ug/L	119047	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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

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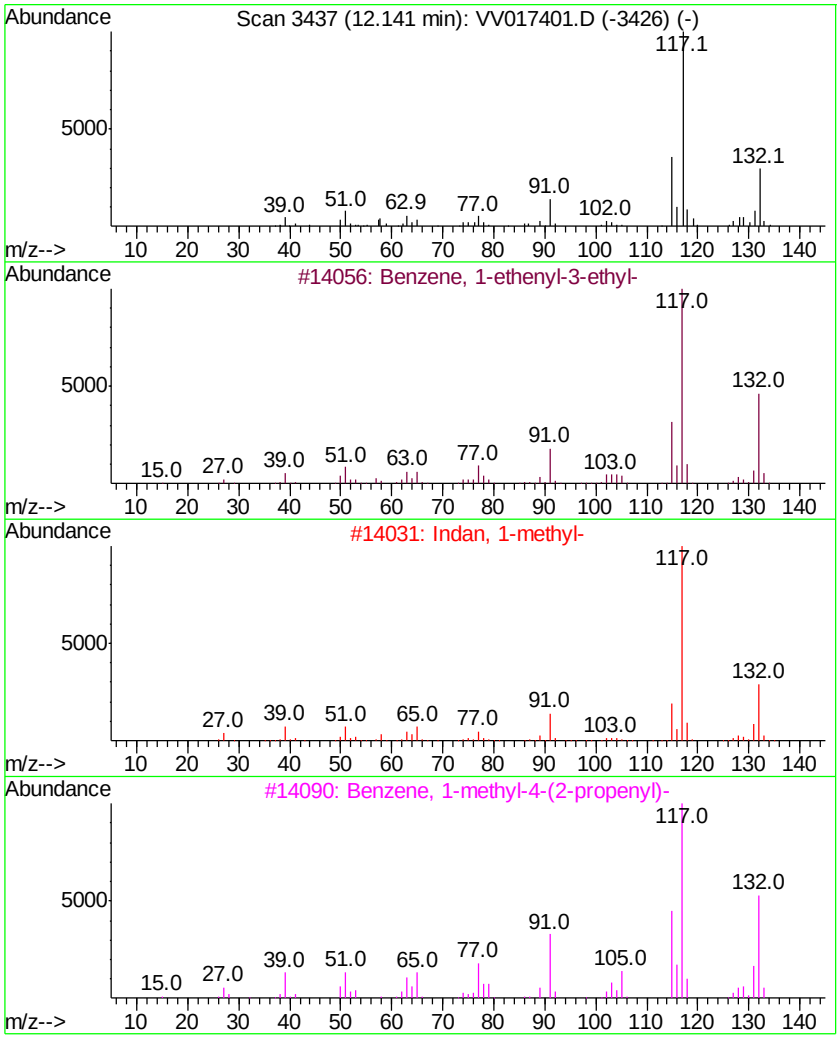
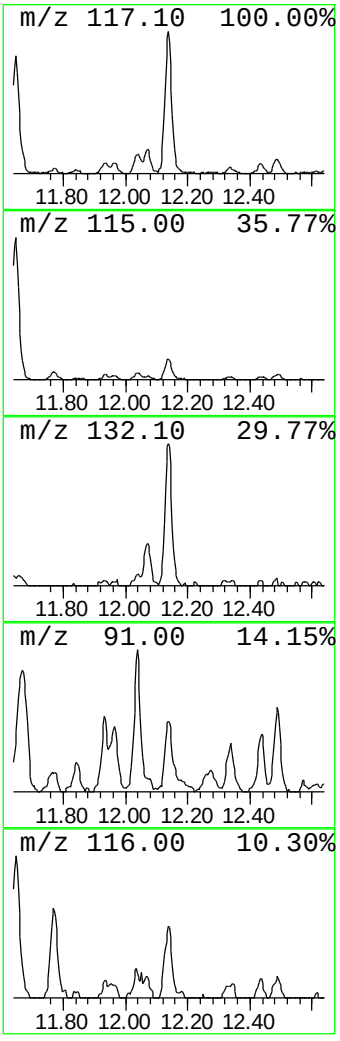
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.99 ug/L	110328	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





Library Search Compound Report

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Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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

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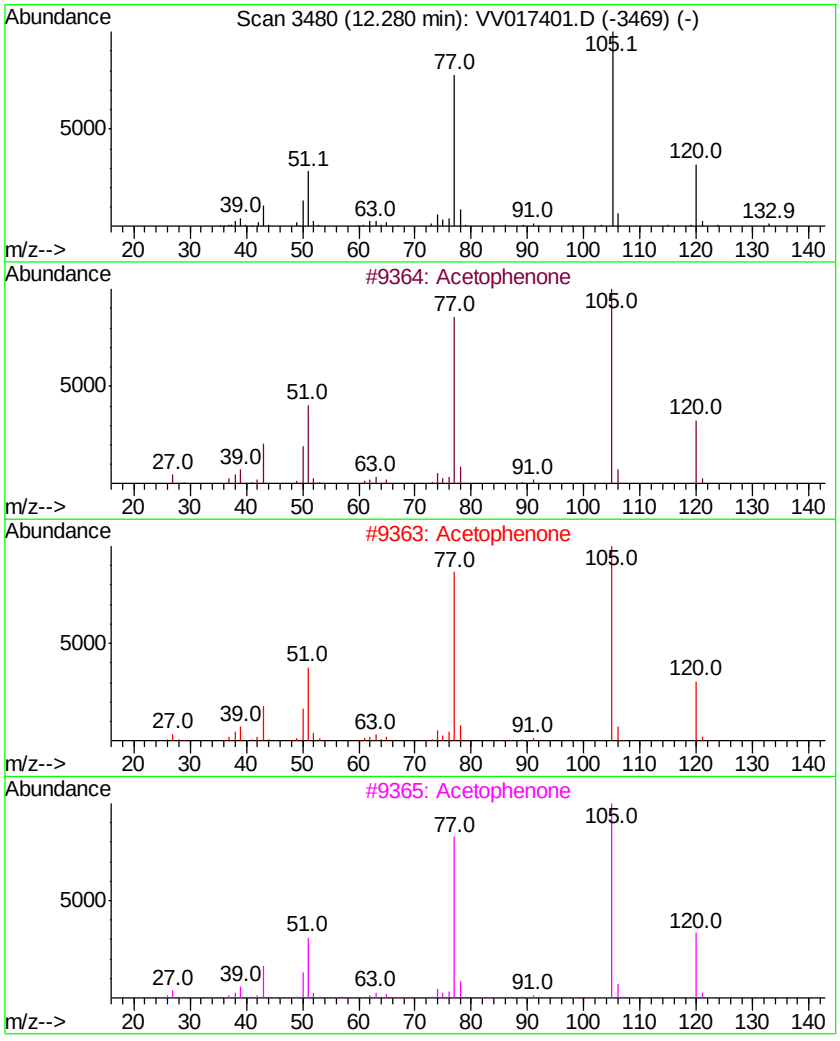
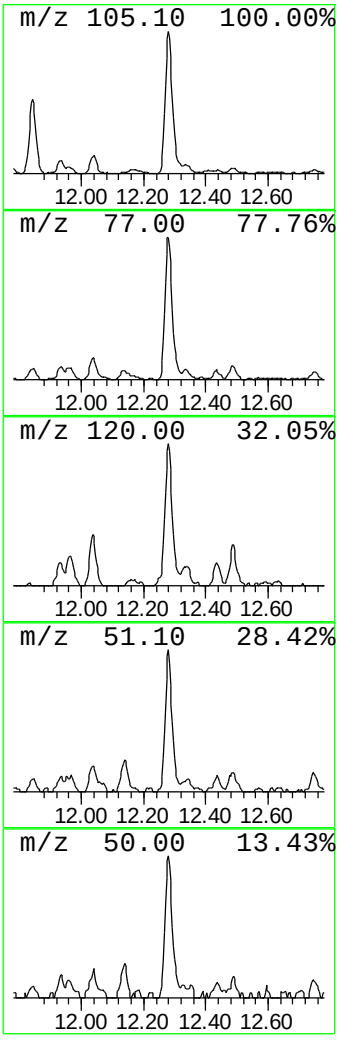
Peak Number 14 Acetophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	7.95 ug/L	125588	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	96
2	Acetophenone	120	C8H8O	000098-86-2	95
3	Acetophenone	120	C8H8O	000098-86-2	94
4	Acetophenone	120	C8H8O	000098-86-2	94
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
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Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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

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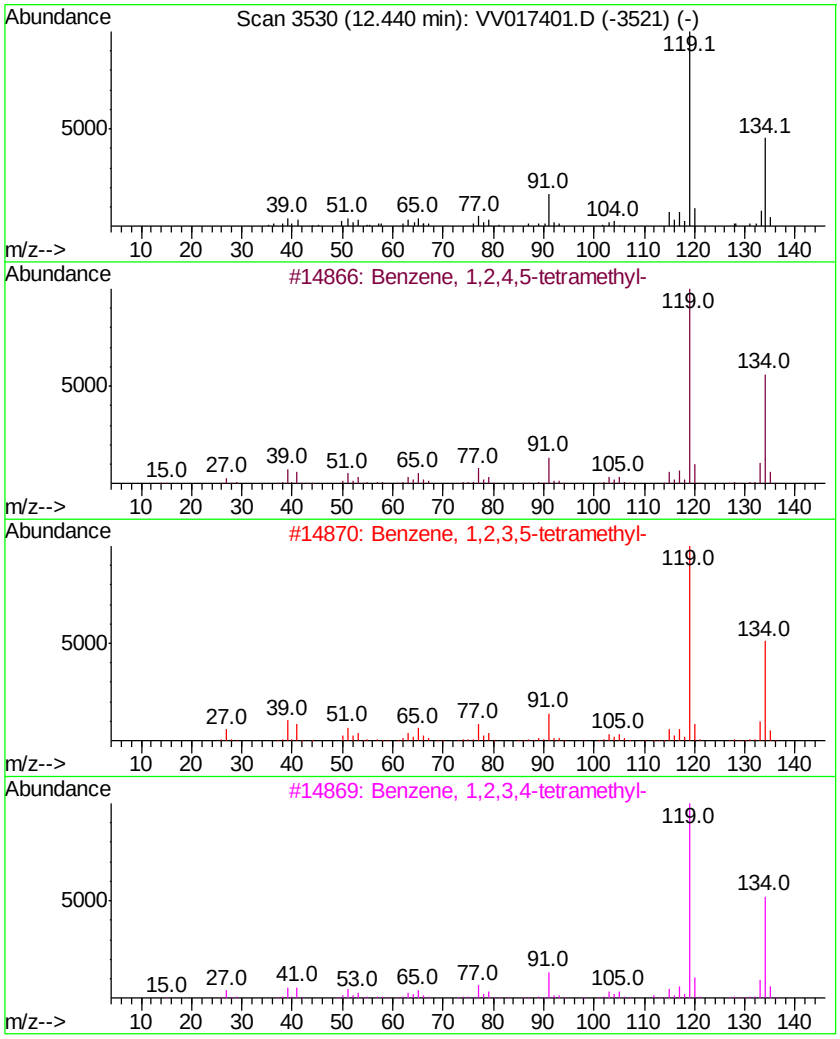
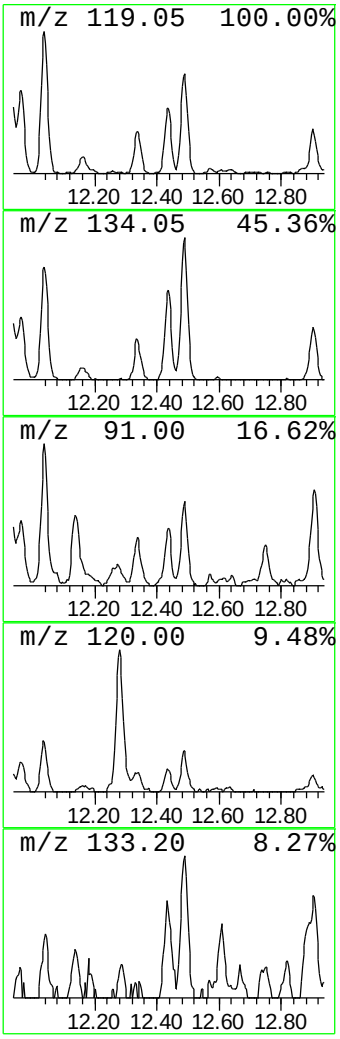
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.28 ug/L	51782	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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

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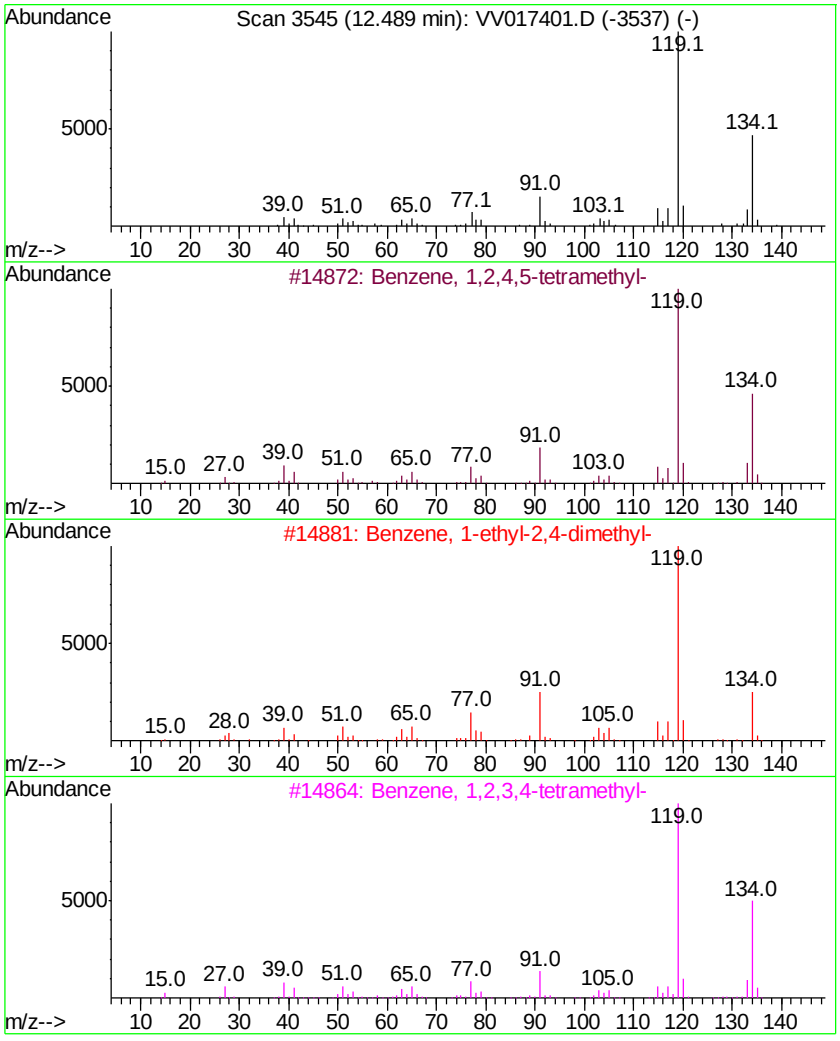
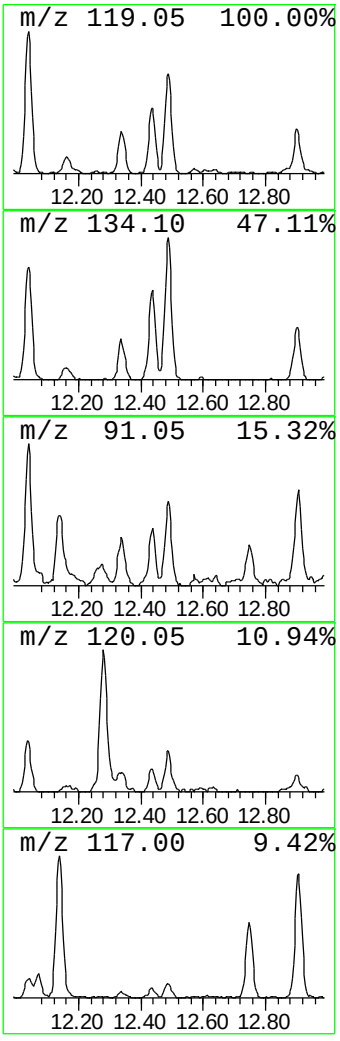
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	5.77 ug/L	91056	1,4-Dichlorobenzene-d4	11.27

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

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

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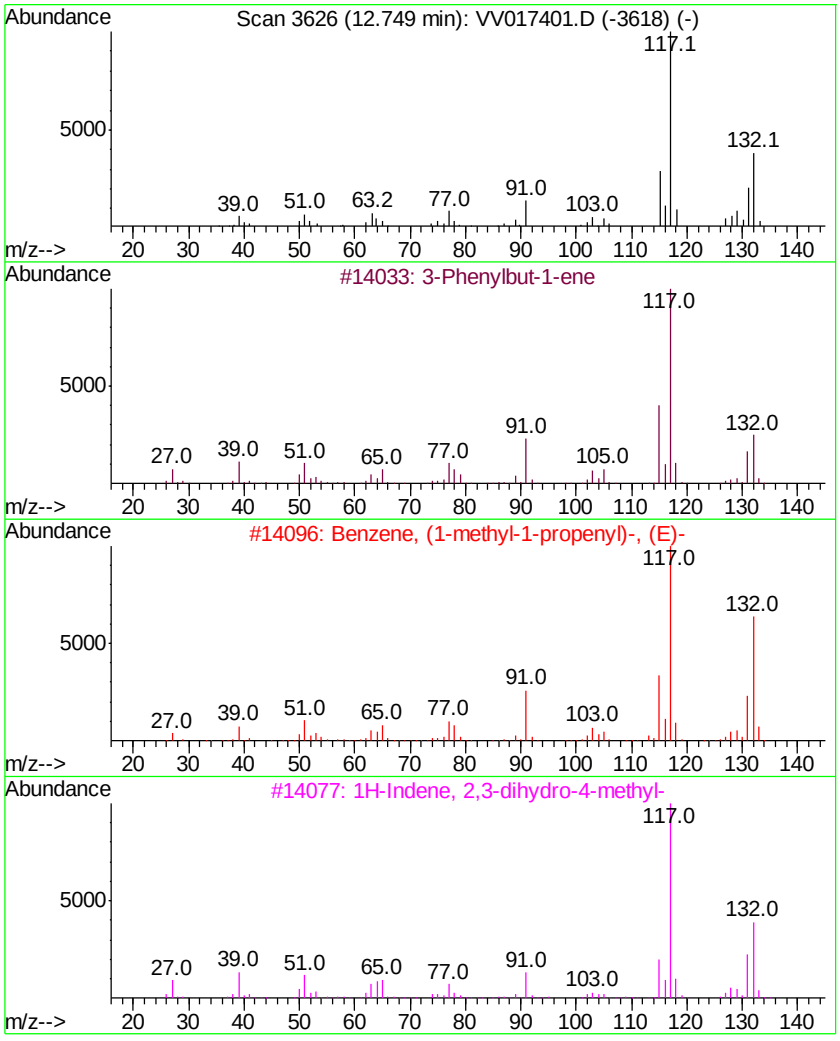
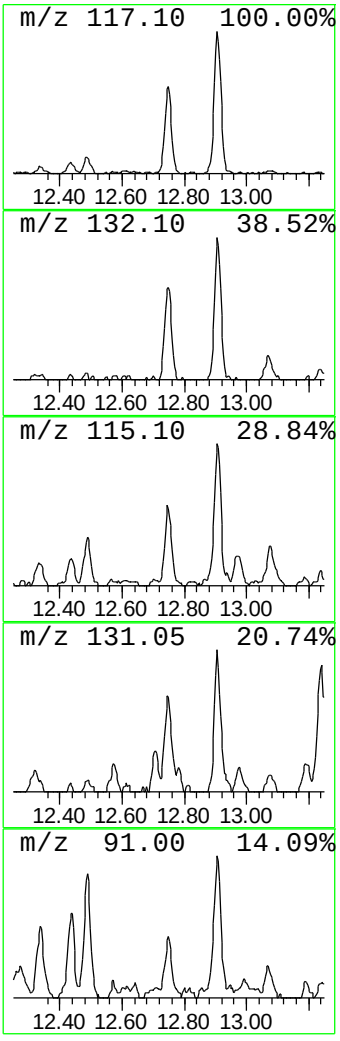
Peak Number 17 3-Phenylbut-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.34 ug/L	52735	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

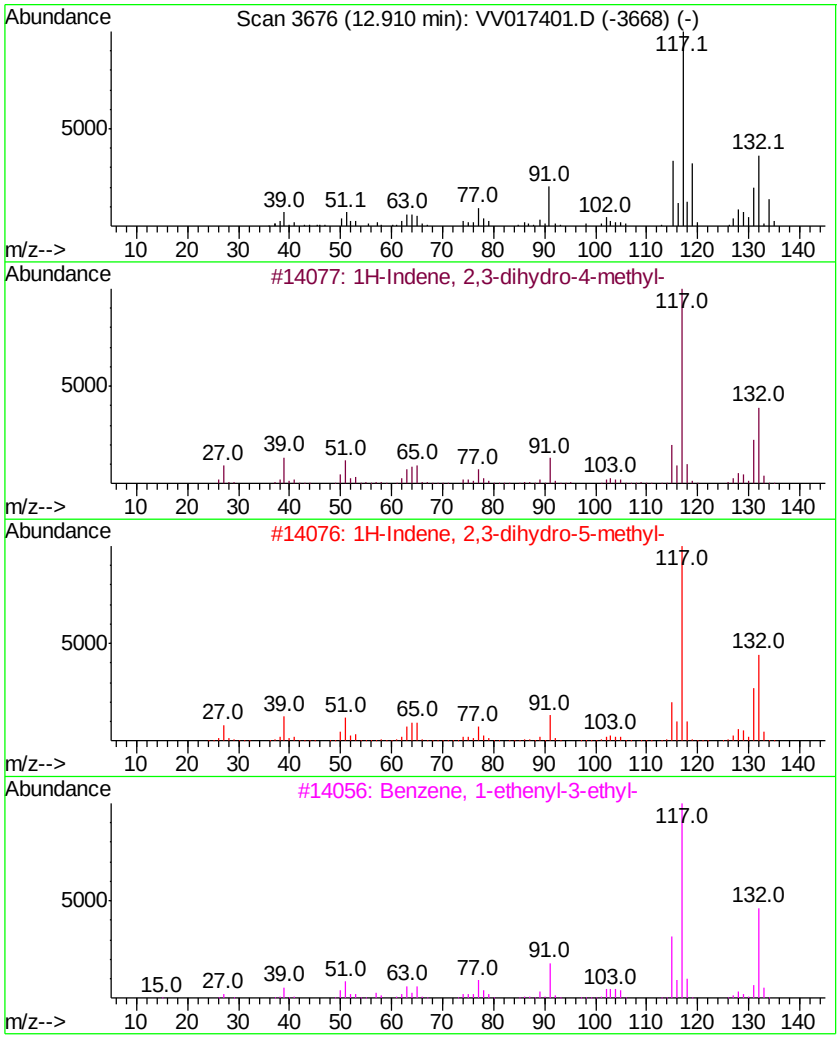
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

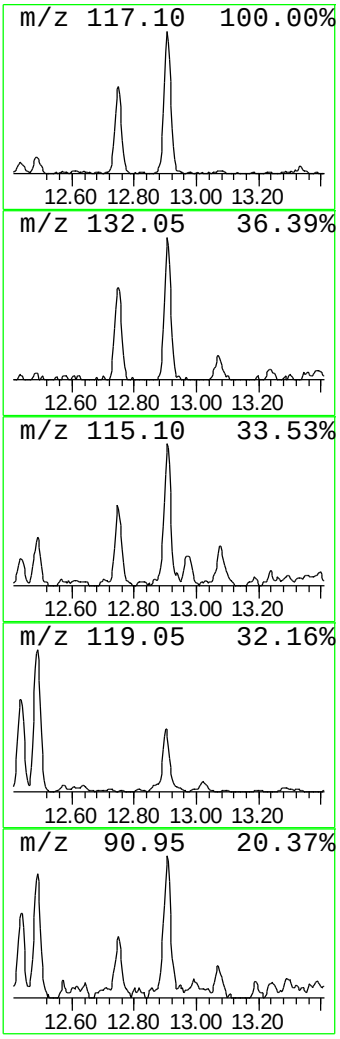
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	7.00 ug/L	110502	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.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
(DEL) Alkane: Cyc...	3.79	5.3	ug/L	64288	1	5.64	605071	50.0
Benzene, propyl-	10.38	7.8	ug/L	122712	3	11.27	789421	50.0
Benzene, 1-ethyl-...	10.47	21.1	ug/L	333593	3	11.27	789421	50.0
Mesitylene	10.56	30.9	ug/L	487593	3	11.27	789421	50.0
Benzene, 1-ethyl-...	10.76	33.7	ug/L	531493	3	11.27	789421	50.0
Benzene, 1,2,3-tr...	10.94	107.9	ug/L	1704230	3	11.27	789421	50.0
Benzene, 1,2,4-tr...	11.36	35.6	ug/L	562036	3	11.27	789421	50.0
Indane	11.55	10.7	ug/L	168646	3	11.27	789421	50.0
Benzene, 1-methyl...	11.84	2.7	ug/L	42502	3	11.27	789421	50.0
Benzene, 1-ethyl-...	11.93	3.9	ug/L	60912	3	11.27	789421	50.0
Benzene, 4-ethyl-...	12.04	7.5	ug/L	119047	3	11.27	789421	50.0
Benzene, 1-etheny...	12.14	7.0	ug/L	110328	3	11.27	789421	50.0
Acetophenone	12.28	8.0	ug/L	125588	3	11.27	789421	50.0
Benzene, 1,2,4,5-...	12.44	3.3	ug/L	51782	3	11.27	789421	50.0
Benzene, 1,2,3,4-...	12.49	5.8	ug/L	91056	3	11.27	789421	50.0
3-Phenylbut-1-ene	12.75	3.3	ug/L	52735	3	11.27	789421	50.0
1H-Indene, 2,3-di...	12.91	7.0	ug/L	110502	3	11.27	789421	50.0