LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

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_U\METHOD\SOMULM011420WMA.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	1.613	76	85	95	rBV	299951	317547	2.42%	0.543%
2	1.919	172	180	198	rVB	257582	350132	2.67%	0.599%
3	2.588	376	388	404	rBV	516727	858232	6.54%	1.467%
4	2.713	424	427	429	rBV3	889	669	0.01%	0.001%
5	2.816	455	459	464	rVB4	1594	1318	0.01%	0.002%
6	2.870	473	476	481	rVB4	1020	782	0.01%	0.001%
7	2.899	481	485	489	rBV5	1271	1124	0.01%	0.002%
8	2.980	505	510	512	rBV2	1058	917	0.01%	0.002%
9	3.083	532	542	548	rBV6	3085	3701	0.03%	0.006%
10	3.224	575	586	600	rVB	13818	31633	0.24%	0.054%
11	3.523	673	679	682	rVB4	535	647	0.00%	0.001%
12	3.607	700	705	708	rBV2	794	880	0.01%	0.002%
13	3.777	753	758	761	rBV3	812	841	0.01%	0.001%
14	3.903	794	797	802	rVB3	821	620	0.00%	0.001%
15	4.674	1017	1037	1057	rBV	273218	642900	4.90%	1.099%
16	5.105	1151	1171	1193	rBV	492192	1085877	8.28%	1.857%
17	5.253	1214	1217	1221	rVB4	1115	563	0.00%	0.001%
18	5.372	1252	1254	1258	rVB3	1155	800	0.01%	0.001%
19	5.407	1258	1265	1272	rBV5	1471	2039	0.02%	0.003%
20	5.517	1294	1299	1304	rBV3	1082	926	0.01%	0.002%
21	5.764	1354	1376	1404	rBV2	998479	2692092	20.52%	4.603%
22	6.073	1468	1472	1479	rVB7	1709	2239	0.02%	0.004%
23	6.285	1523	1538	1563	rBV	784211	1461125	11.14%	2.498%
24	6.382	1565	1568	1572	rVB3	1175	812	0.01%	0.001%
25	6.427	1580	1582	1586	rVB4	993	599	0.00%	0.001%
26	6.562	1614	1624	1633	rBV10	6359	11884	0.09%	0.020%
27	6.729	1660	1676	1694	rBV	633191	1233236	9.40%	2.109%
28	6.838	1706	1710	1715	rBV6	2223	2241	0.02%	0.004%
29	7.005	1758	1762	1766	rVB4	1251	855	0.01%	0.001%
30	7.221	1816	1829	1838	rBV8	3545	6925	0.05%	0.012%
31	7.259	1838	1841	1847	rVB5	870	885	0.01%	0.002%
32	7.404	1877	1886	1889	rVB5	1134	1625	0.01%	0.003%
33	7.517	1915	1921	1923	rBV4	1263	1306	0.01%	0.002%
34	7.597	1933	1946	1967	rBV	402481	708744	5.40%	1.212%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

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_U\METHOD\SOMULM011420WMA.M
Title : VOC Analysis

35	7.674	1967	1970	1971	rBV3	1437	762	0.01%	0.001%
36	7.758	1991	1996	1998	rBV5	995	811	0.01%	0.001%
37	7.832	2012	2019	2025	rVB6	3427	5072	0.04%	0.009%
38	7.928	2028	2049	2061	rBV	1314500	2260202	17.23%	3.865%
39	7.999	2061	2071	2086	rVB	240199	409166	3.12%	0.700%
40	8.156	2113	2120	2125	rBV8	5834	7231	0.06%	0.012%
41	8.208	2125	2136	2151	rVV	290854	477403	3.64%	0.816%
42	8.401	2191	2196	2201	rVB5	1170	1171	0.01%	0.002%
43	8.446	2208	2210	2216	rBV4	807	645	0.00%	0.001%
44	8.494	2222	2225	2228	rBV4	1023	649	0.00%	0.001%
45	8.591	2253	2255	2263	rBV5	889	581	0.00%	0.001%
46	8.668	2263	2279	2311	rBV	869423	1568261	11.95%	2.682%
47	8.893	2343	2349	2357	rBV6	4618	6207	0.05%	0.011%
48	8.947	2359	2366	2376	rVB9	4604	7896	0.06%	0.014%
49	9.086	2402	2409	2420	rBV6	2201	4351	0.03%	0.007%
50	9.144	2420	2427	2433	rVV5	2654	4012	0.03%	0.007%
51	9.192	2434	2442	2448	rVV6	4301	6673	0.05%	0.011%
52	9.237	2450	2456	2467	rVB5	7358	11672	0.09%	0.020%
53	9.285	2467	2471	2473	rBV2	878	721	0.01%	0.001%
54	9.317	2478	2481	2483	rBV2	808	605	0.00%	0.001%
55	9.362	2485	2495	2507	rBV6	6776	11994	0.09%	0.021%
56	9.443	2507	2520	2538	rBV	1109606	1855008	14.14%	3.172%
57	9.594	2557	2567	2581	rBV2	108114	176446	1.34%	0.302%
58	9.716	2592	2605	2616	rBV	727541	1202647	9.17%	2.056%
59	9.890	2651	2659	2670	rVV	5489	11674	0.09%	0.020%
60	9.973	2679	2685	2686	rBV3	1178	1049	0.01%	0.002%
61	10.047	2696	2708	2714	rBV3	6425	14038	0.11%	0.024%
62	10.127	2721	2733	2760	rVB3	412359	813744	6.20%	1.391%
63	10.230	2760	2765	2768	rBV6	1393	1428	0.01%	0.002%
64	10.272	2768	2778	2794	rBV8	14797	37679	0.29%	0.064%
65	10.378	2805	2811	2817	rBV6	9084	14557	0.11%	0.025%
66	10.497	2838	2848	2849	rBV6	8794	8853	0.07%	0.015%
67	10.555	2860	2866	2867	rBV5	3678	3387	0.03%	0.006%
68	10.719	2912	2917	2924	rBV9	3509	5084	0.04%	0.009%
69	10.780	2924	2936	2951	rBV	939000	1535735	11.71%	2.626%
70	10.928	2973	2982	2991	rBV	31608	50051	0.38%	0.086%
71	11.018	3000	3010	3025	rBV	184198	413129	3.15%	0.706%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

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_U\METHOD\SOMULM011420WMA.M
Title : VOC Analysis

72	11.111	3032	3039	3063	rVB2	218793	529649	4.04%	0.906%
73	11.314	3092	3102	3105	rBV	70153	103818	0.79%	0.178%
74	11.433	3132	3139	3145	rBV2	32033	45853	0.35%	0.078%
75	11.488	3146	3156	3168	rVV	629375	965606	7.36%	1.651%
76	11.558	3168	3178	3186	rVV	306563	466705	3.56%	0.798%
77	11.606	3187	3193	3203	rVB	97760	148748	1.13%	0.254%
78	11.751	3224	3238	3250	rBV4	130062	270626	2.06%	0.463%
79	11.832	3251	3263	3276	rVV	1212937	1984231	15.12%	3.393%
80	11.915	3279	3289	3299	rVV	214430	370379	2.82%	0.633%
81	11.967	3300	3305	3314	rVB2	65858	90178	0.69%	0.154%
82	12.115	3341	3351	3358	rBV2	118688	209431	1.60%	0.358%
83	12.214	3369	3382	3396	rBV	1495207	2484085	18.93%	4.247%
84	12.333	3409	3419	3433	rVB2	1414069	2449278	18.67%	4.188%
85	12.487	3459	3467	3470	rBV	50164	73294	0.56%	0.125%
86	12.944	3602	3609	3617	rBV5	104797	181869	1.39%	0.311%
87	13.047	3632	3641	3656	rVB3	237060	466786	3.56%	0.798%
88	13.446	3758	3765	3784	rVV4	335998	813035	6.20%	1.390%
89	13.536	3785	3793	3804	rVB2	504066	758624	5.78%	1.297%
90	13.645	3818	3827	3842	rVB	630664	1054742	8.04%	1.803%
91	14.105	3959	3970	3989	rVB	8193108	13119329	100.00%	22.432%
92	14.462	4076	4081	4088	rBV	93595	111000	0.85%	0.190%
93	15.237	4311	4322	4335	rBV	3759799	5868088	44.73%	10.034%
94	15.426	4370	4381	4394	rVB	1905621	3113863	23.73%	5.324%
95	15.966	4544	4549	4560	rVB	148654	202670	1.54%	0.347%
96	16.163	4603	4610	4616	rBV	133578	181164	1.38%	0.310%
97	16.275	4635	4645	4666	rVB	488553	867169	6.61%	1.483%
98	16.423	4682	4691	4698	rBV	553761	869255	6.63%	1.486%
99	16.799	4802	4808	4816	rVB2	70153	98036	0.75%	0.168%
100	16.896	4830	4838	4848	rVB3	140267	228855	1.74%	0.391%

Sum of corrected areas: 58483676

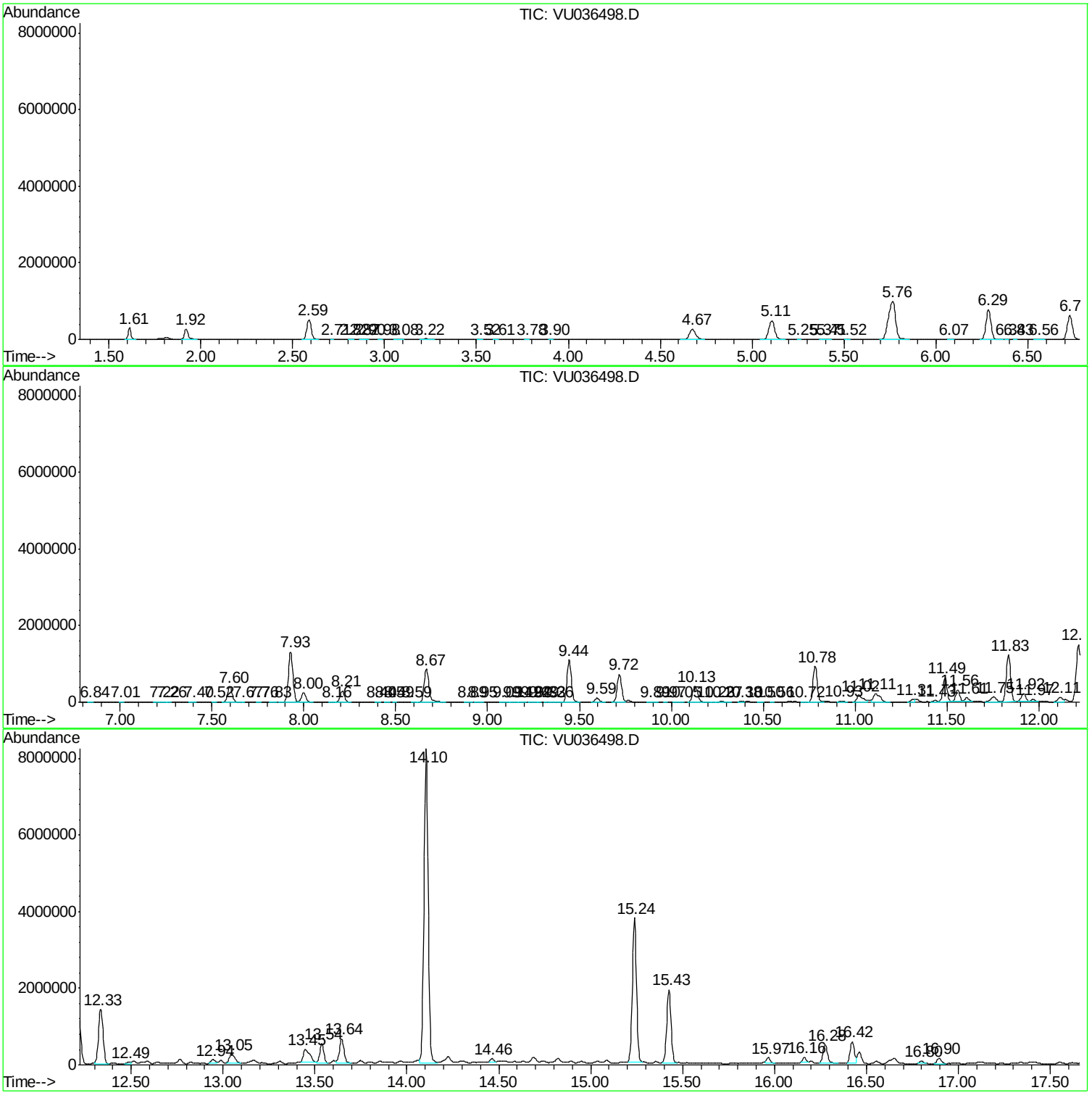
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

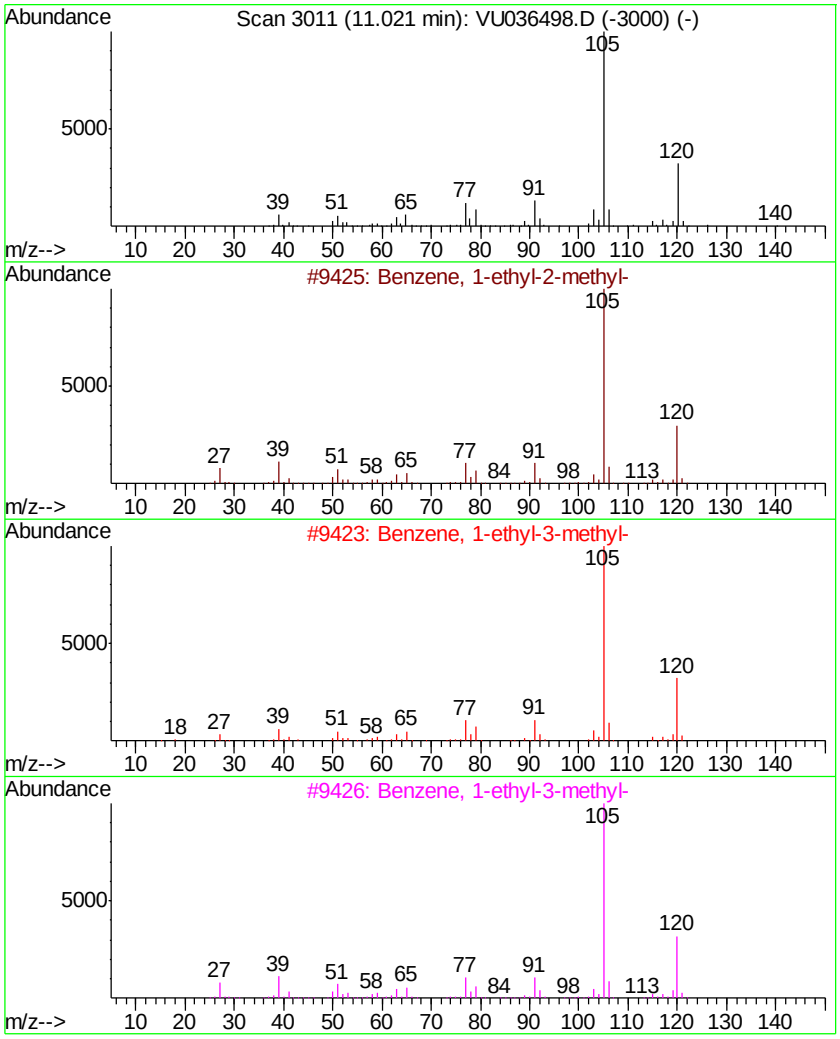
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

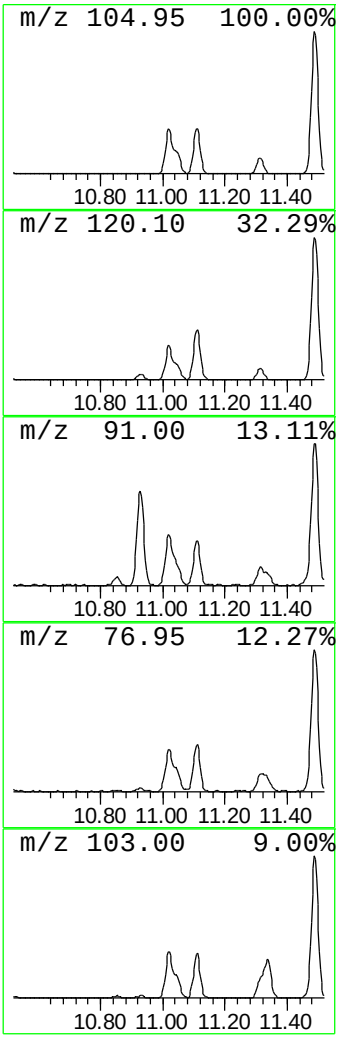
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	10.41 ug/L	413129	1,4-Dichlorobenzene-d4	11.83

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-3-methyl-	120	C9H12	000620-14-4	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_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

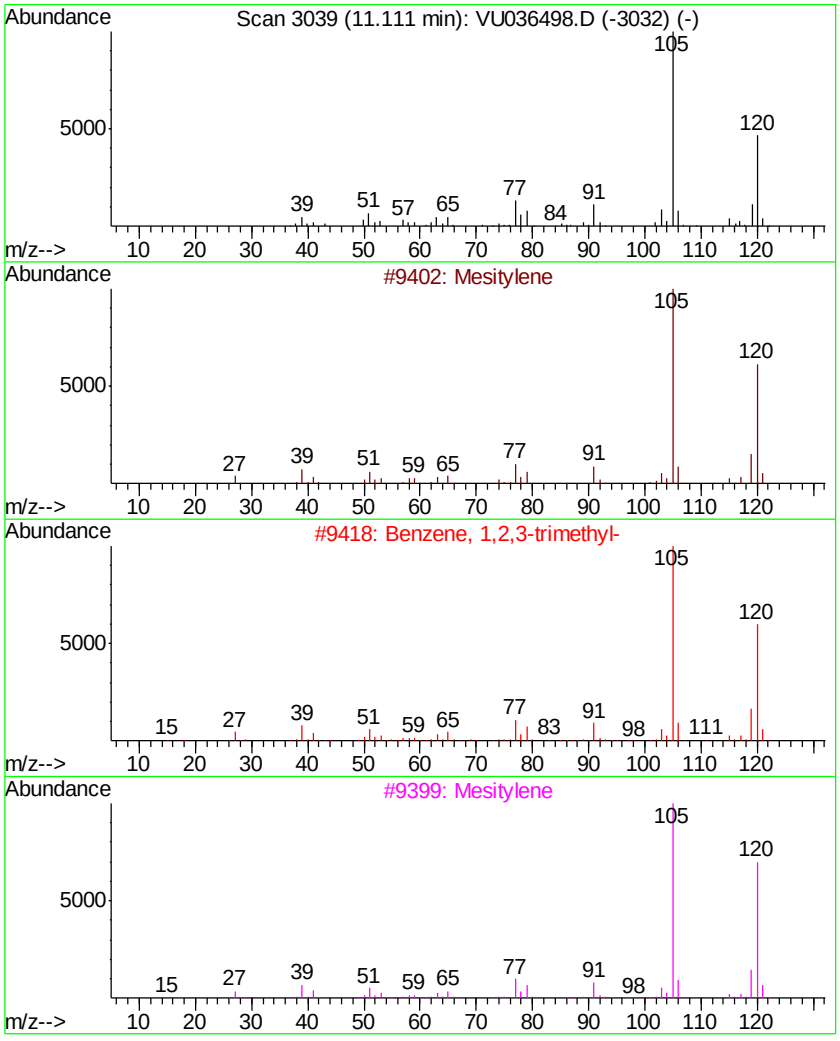
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

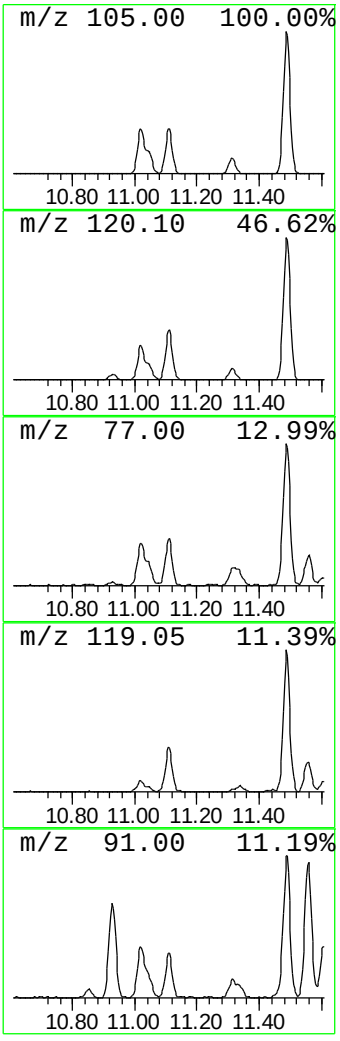
****

Peak Number 3 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	13.35 ug/L	529649	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

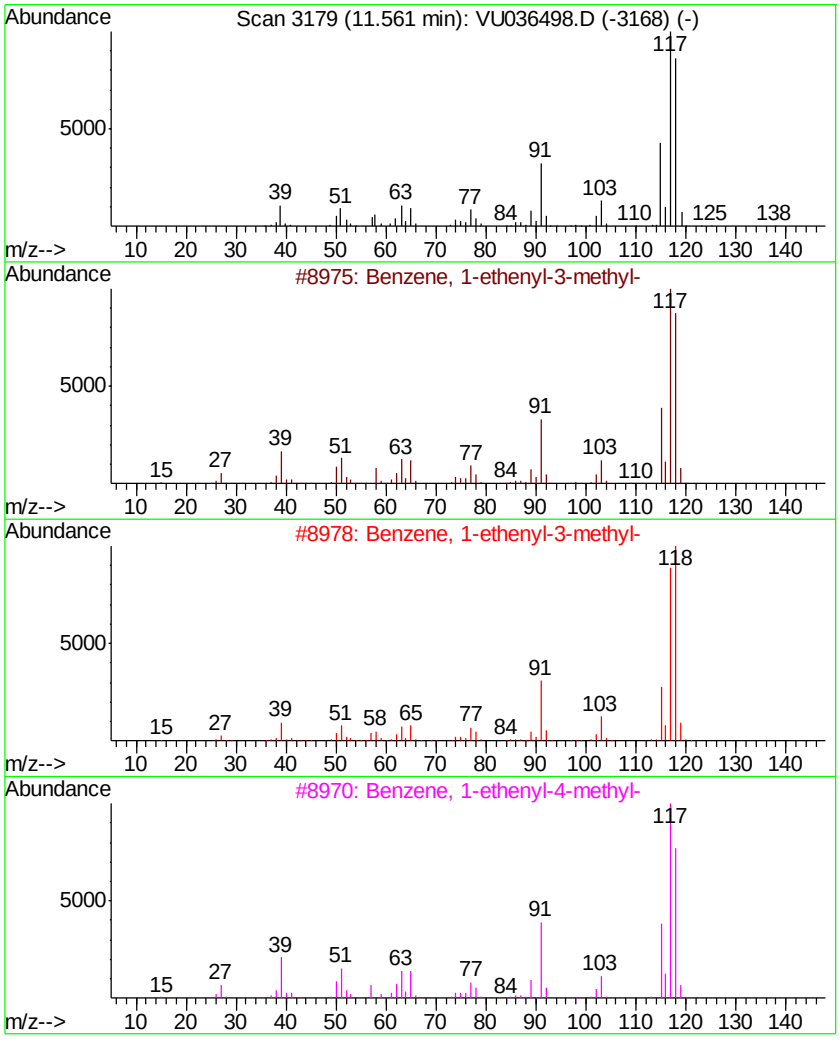
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

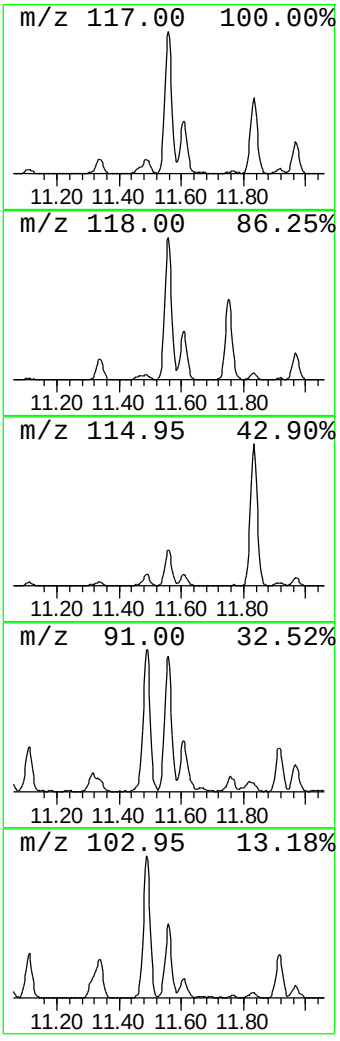
****

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	11.76 ug/L	466705	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

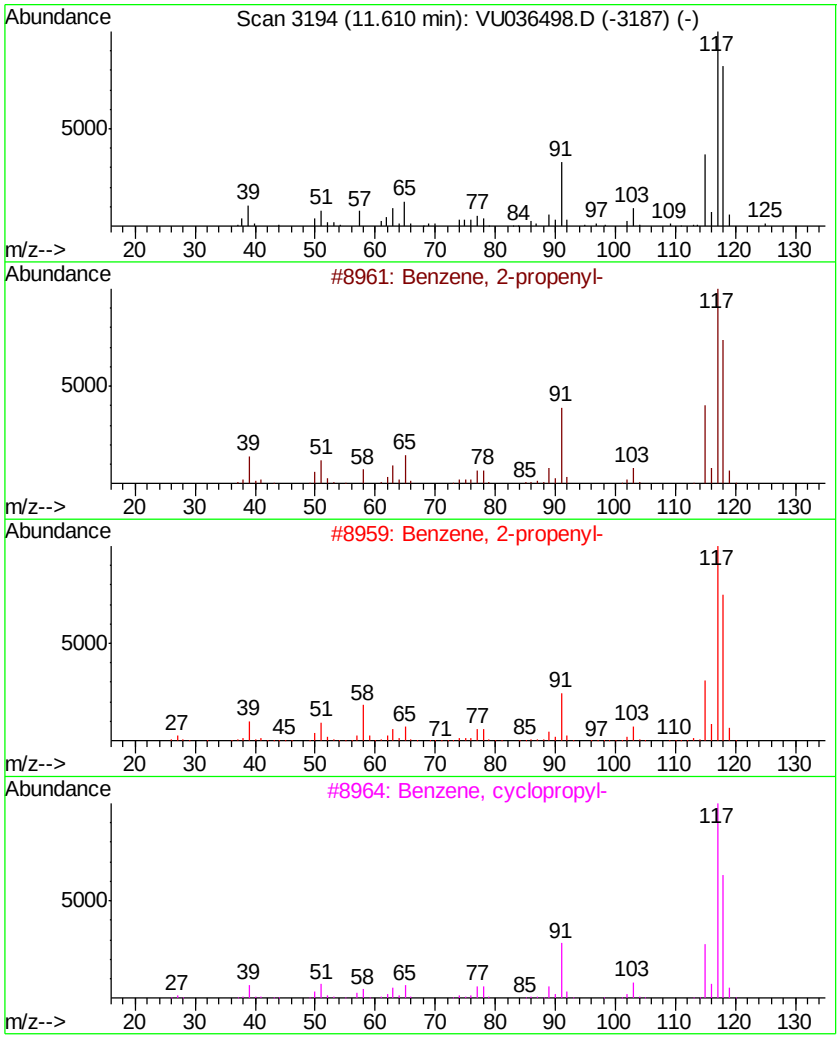
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

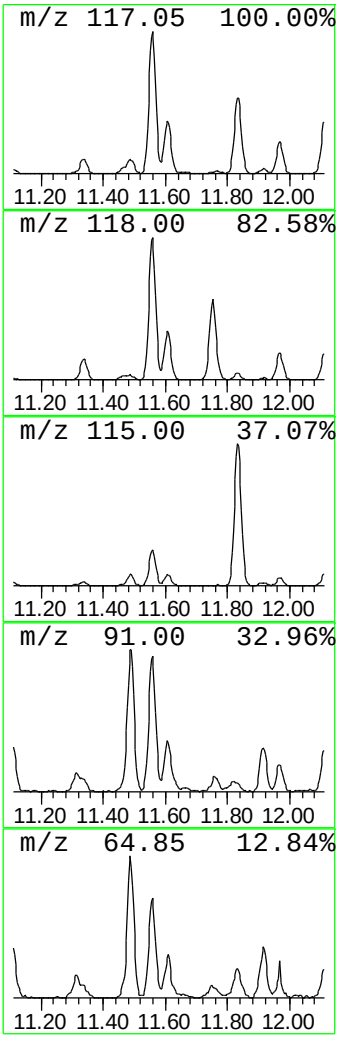
****

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	3.75 ug/L	148748	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	91
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

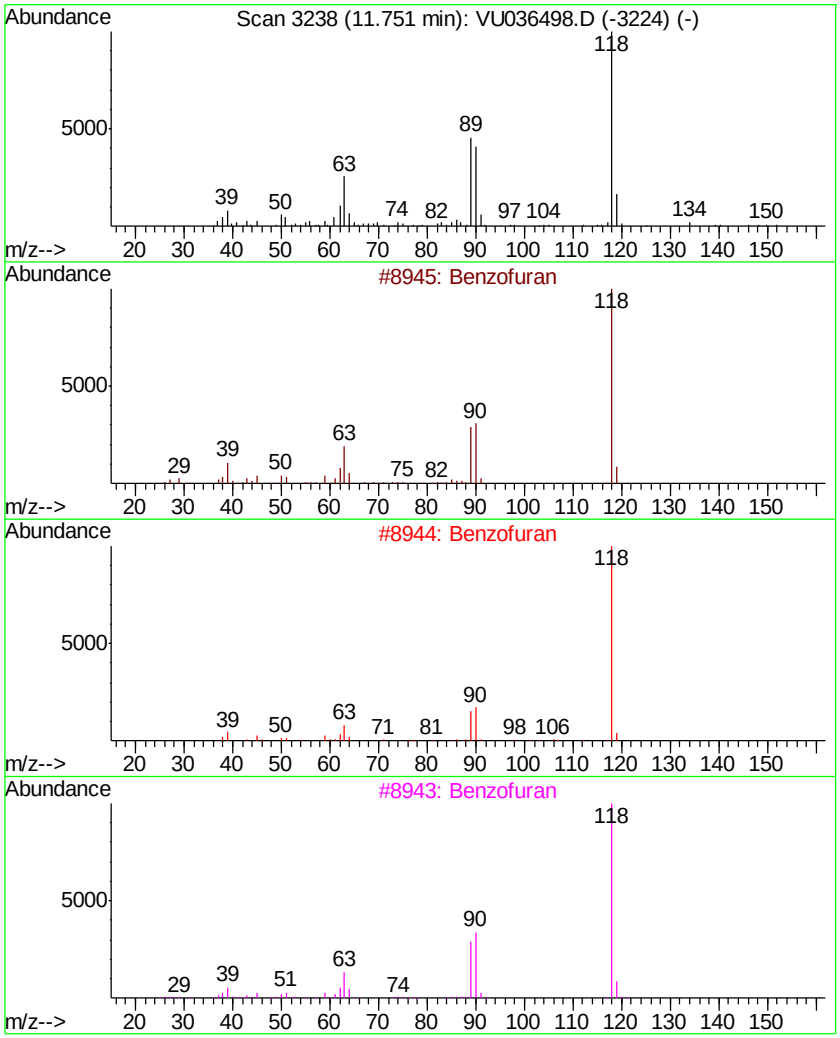
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

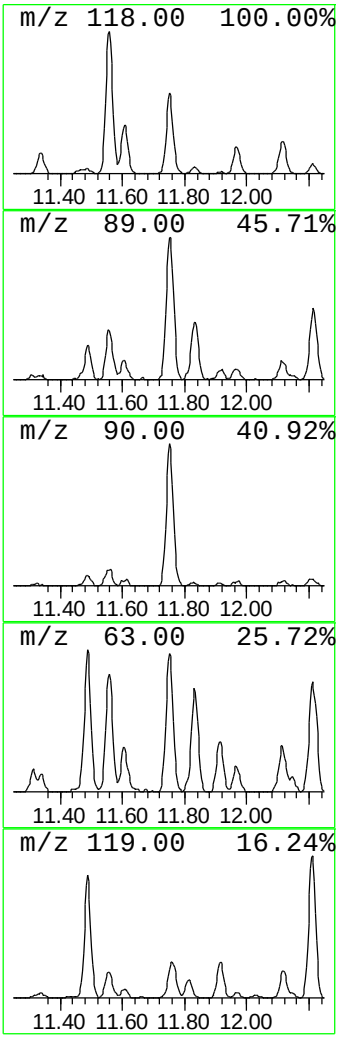
****

Peak Number 8 Benzofuran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.82 ug/L	270626	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	87
3	Benzofuran	118	C8H6O	000271-89-6	83
4	Coumarin	146	C9H6O2	000091-64-5	74
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64





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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

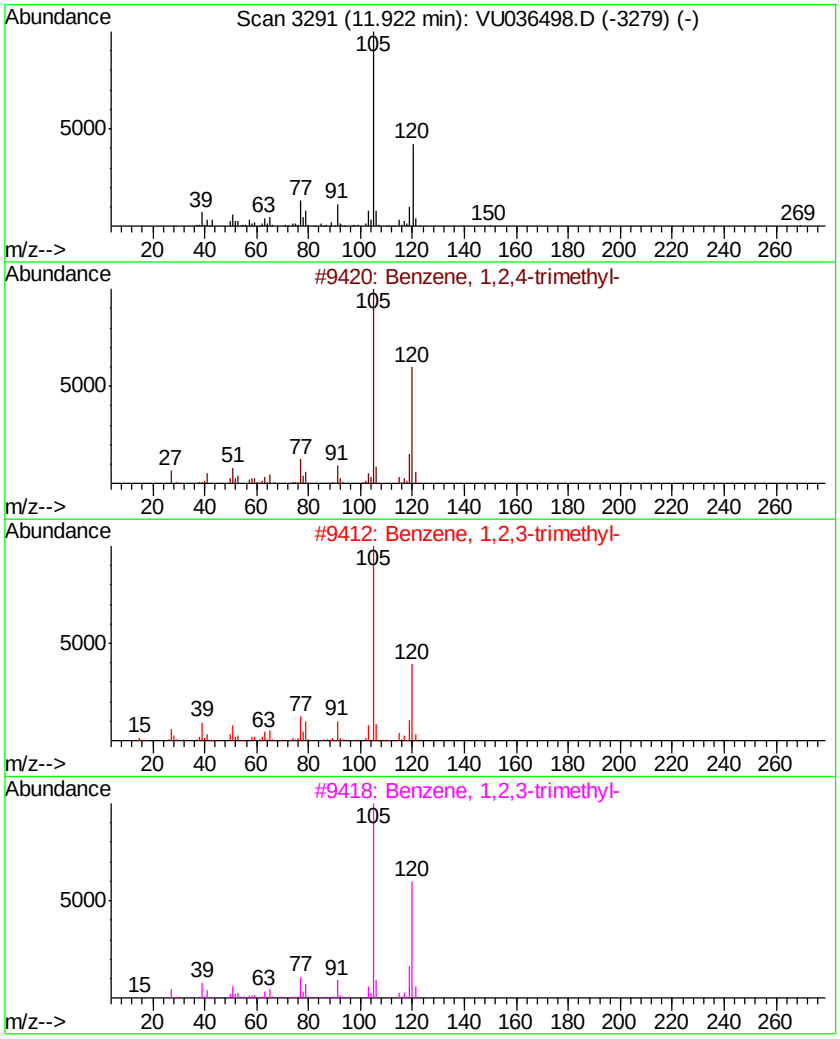
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

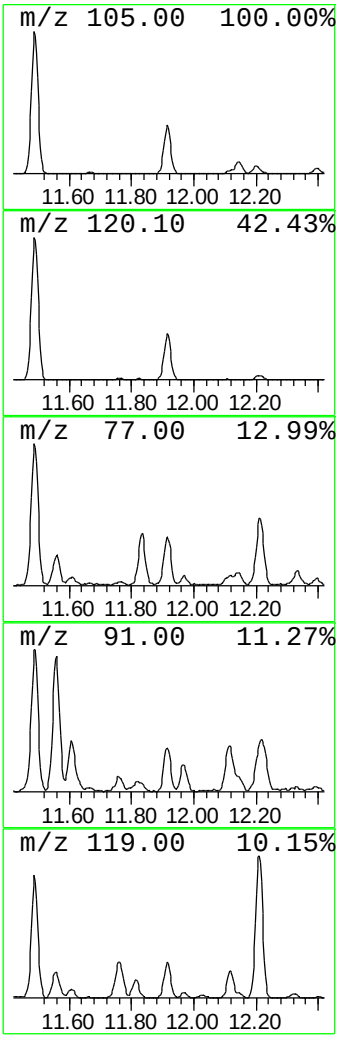
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	9.33 ug/L	370379	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

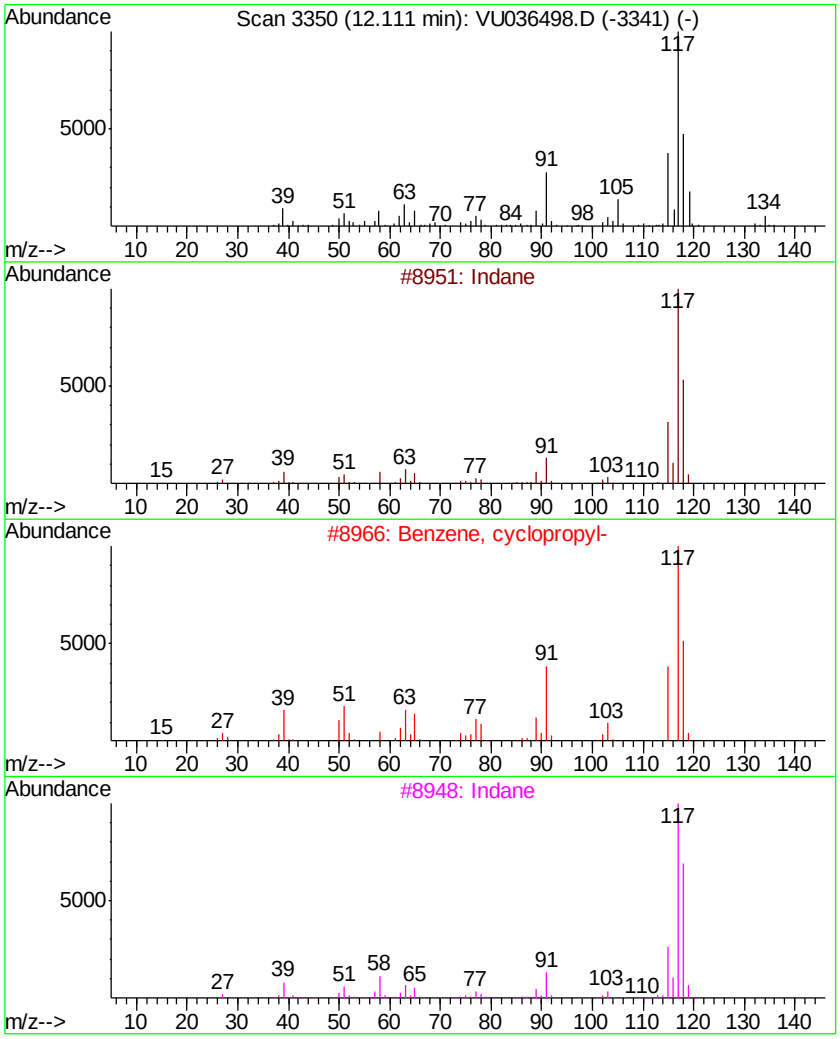
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

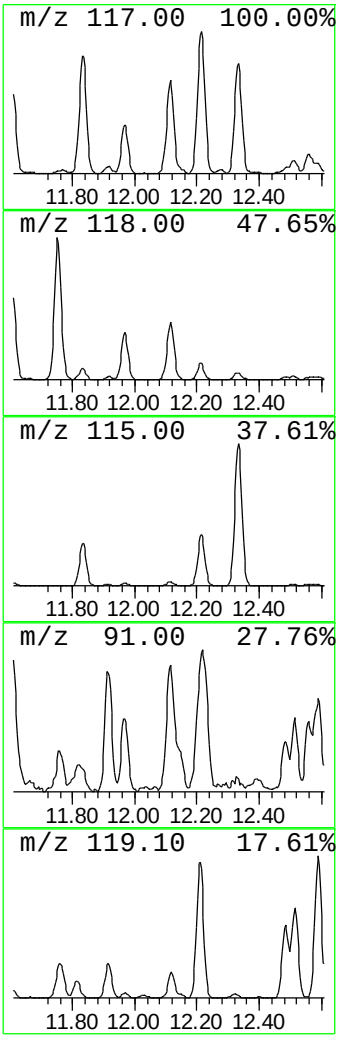
****

Peak Number 10 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.28 ug/L	209431	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
3	Indane	118	C9H10	000496-11-7	58
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	52
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50





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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

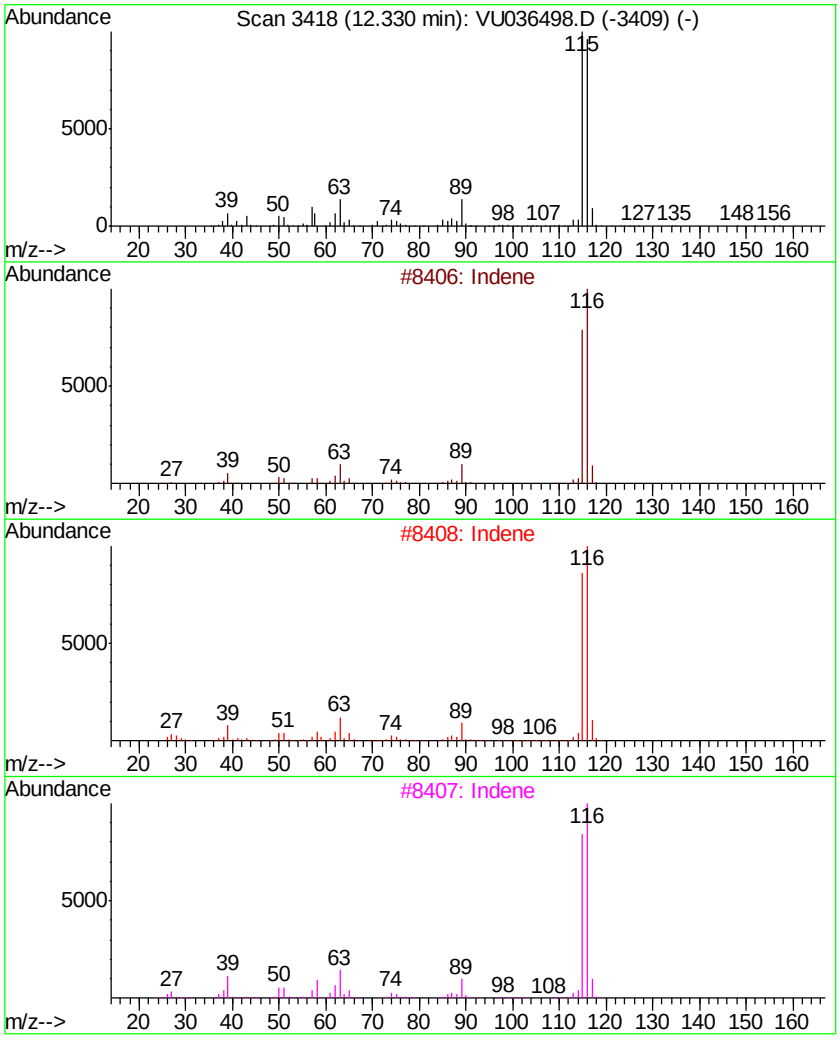
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

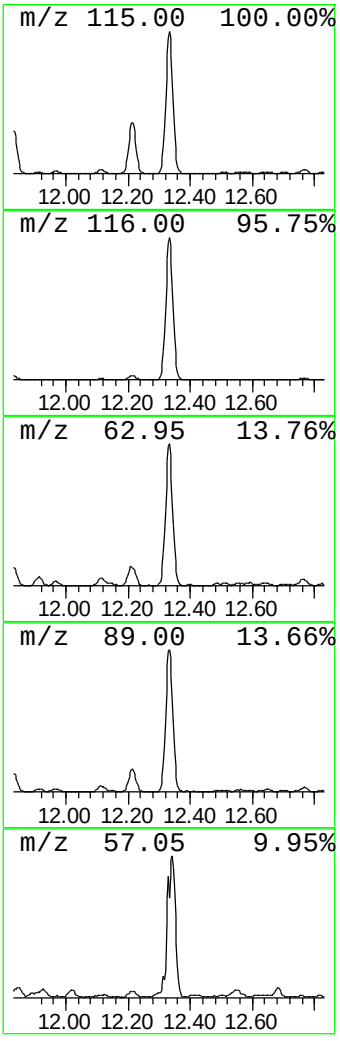
****

Peak Number 11 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	61.72 ug/L	2449280	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

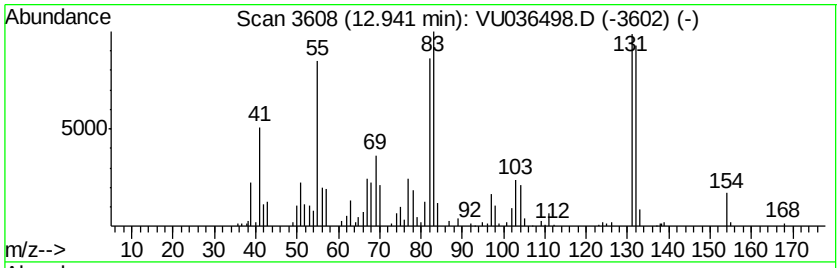
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

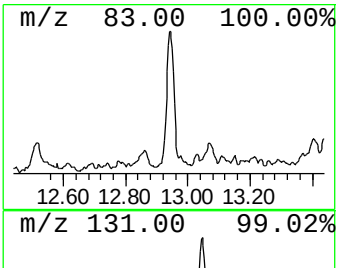
****

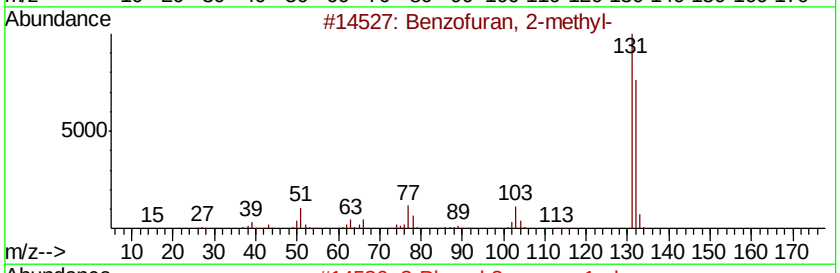
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 21

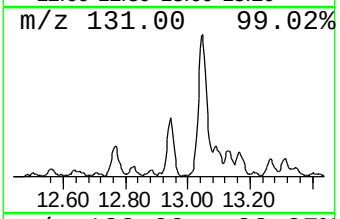
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	4.58 ug/L	181869	1,4-Dichlorobenzene-d4	11.83

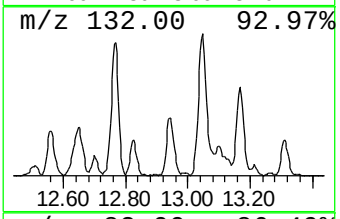
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	52
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	46
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	46
4	1H-Indenol	132	C9H8O	056631-57-3	46
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	46

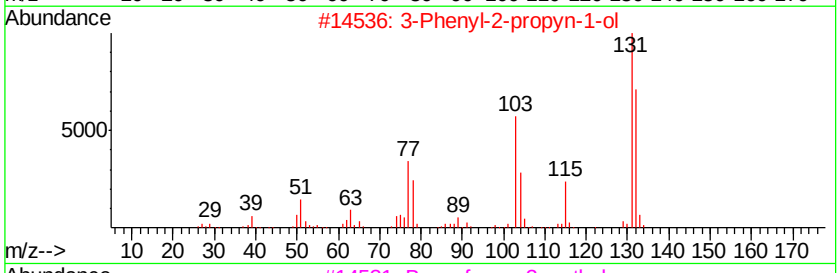


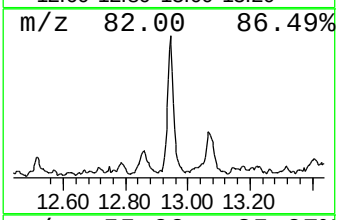


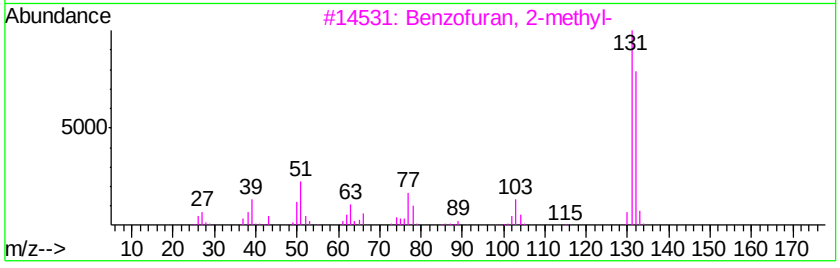


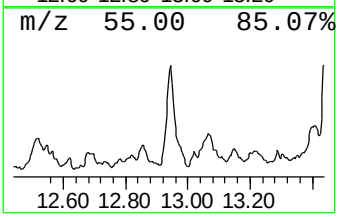












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

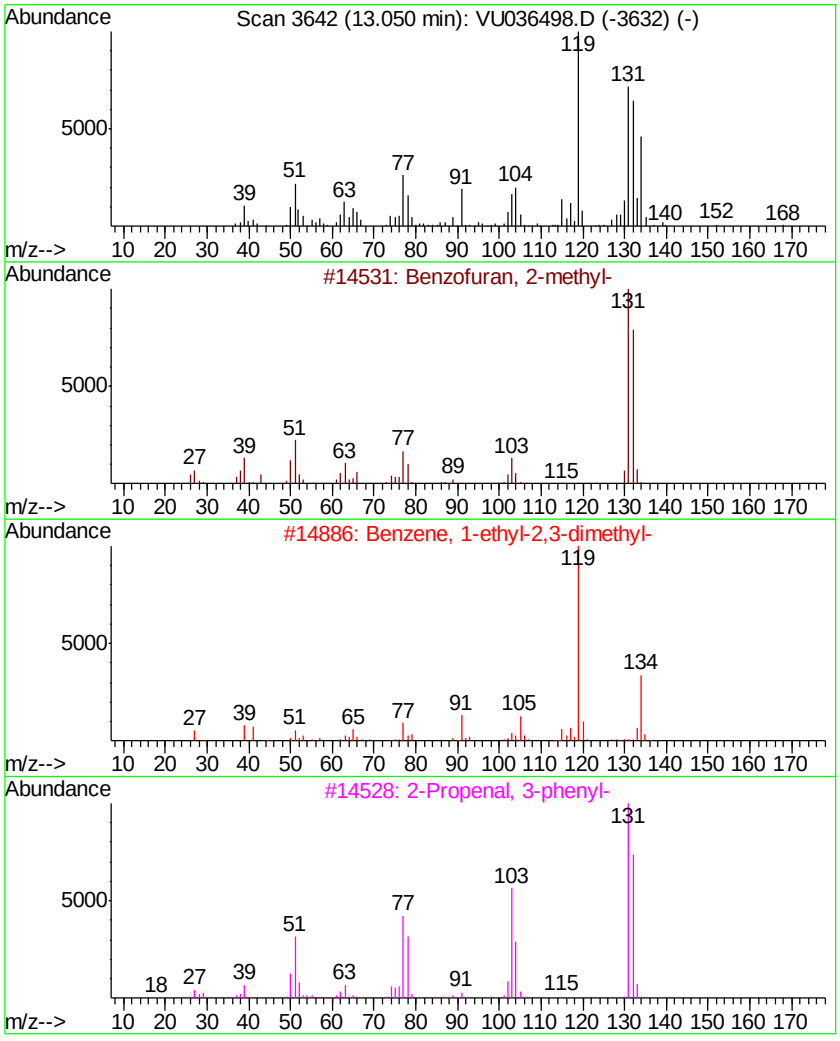
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

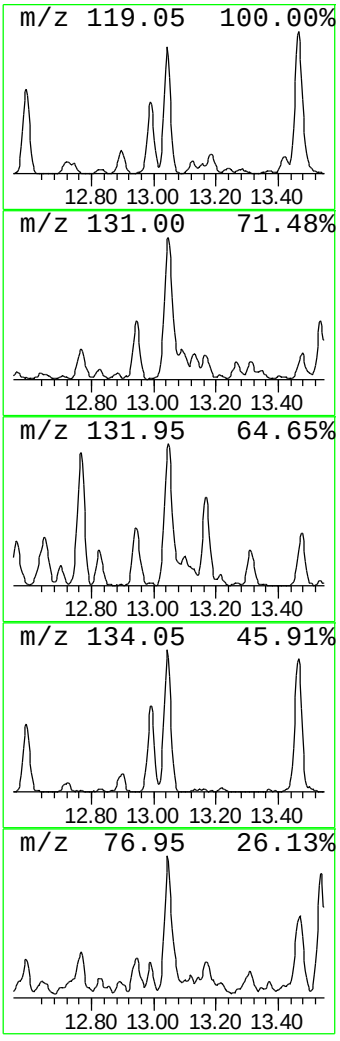
****

Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	11.76 ug/L	466786	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	53
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

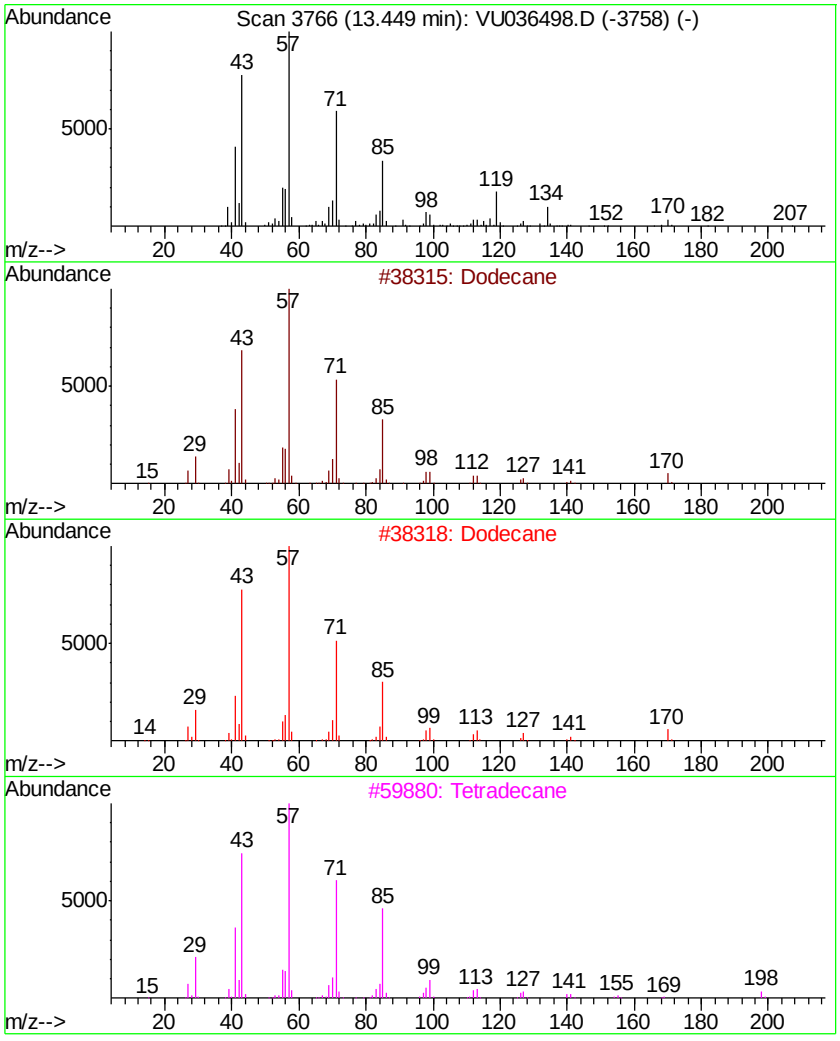
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

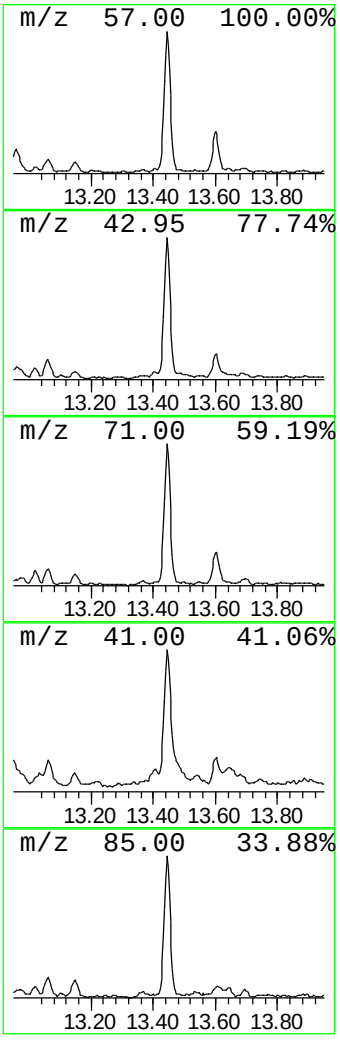
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	20.49 ug/L	813035	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

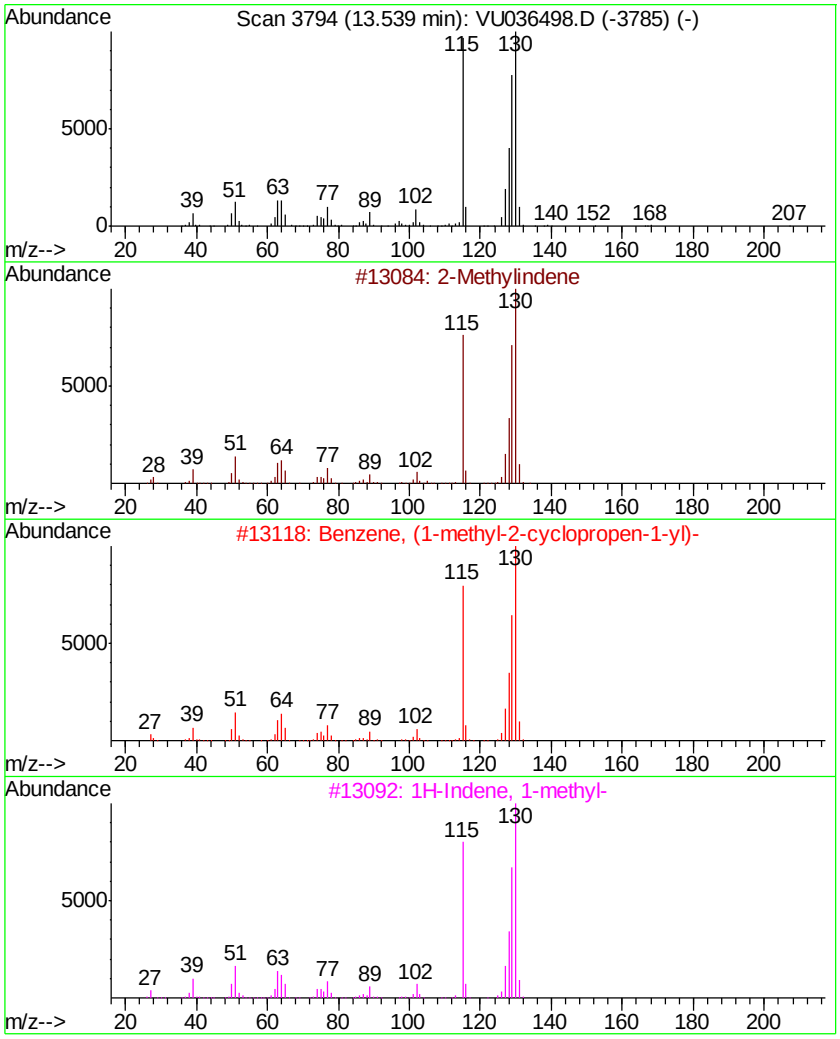
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

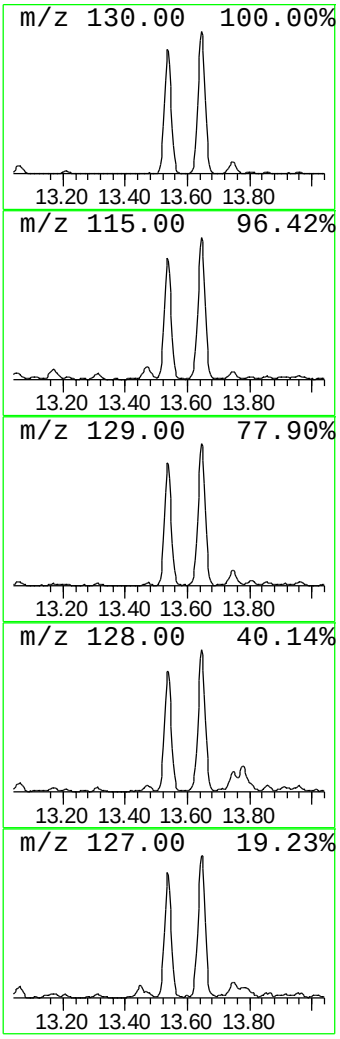
****

Peak Number 15 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	19.12 ug/L	758624	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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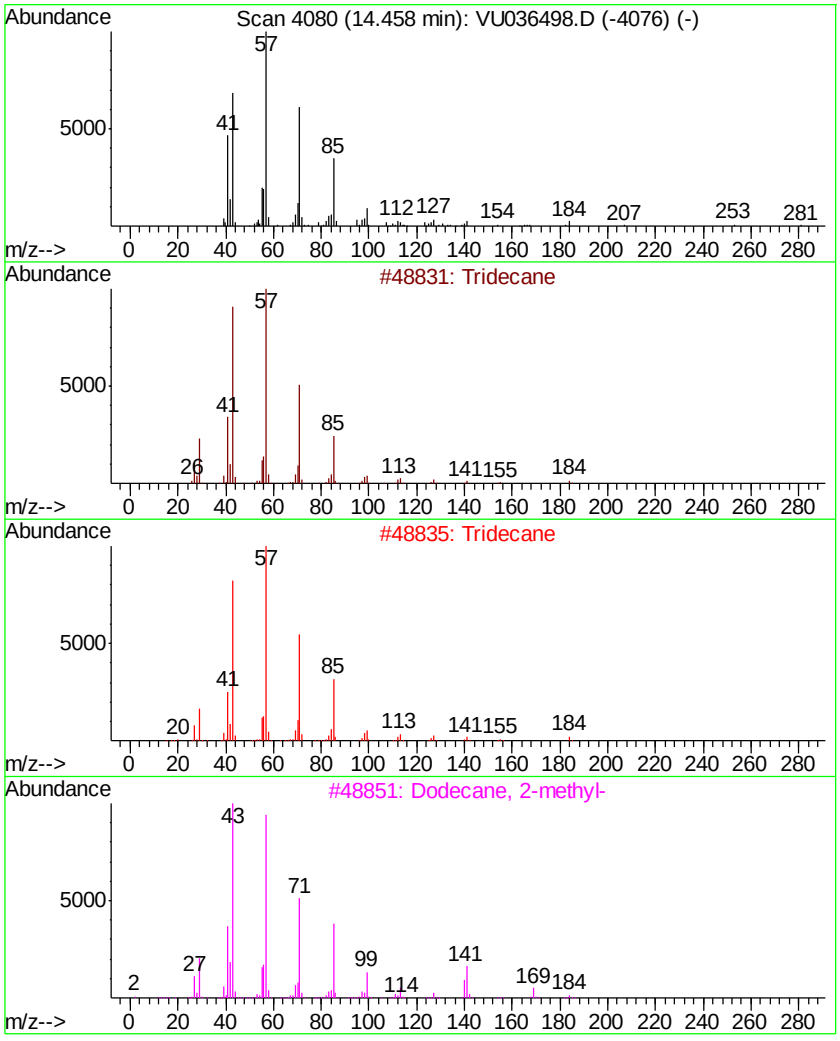
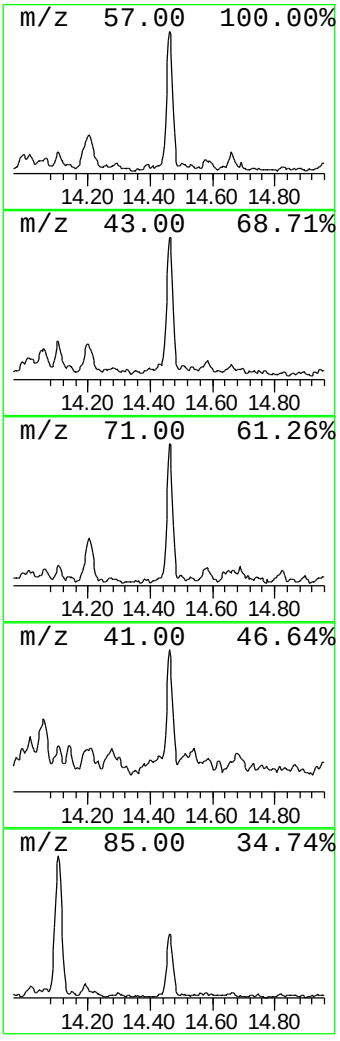
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.80 ug/L	111000	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72





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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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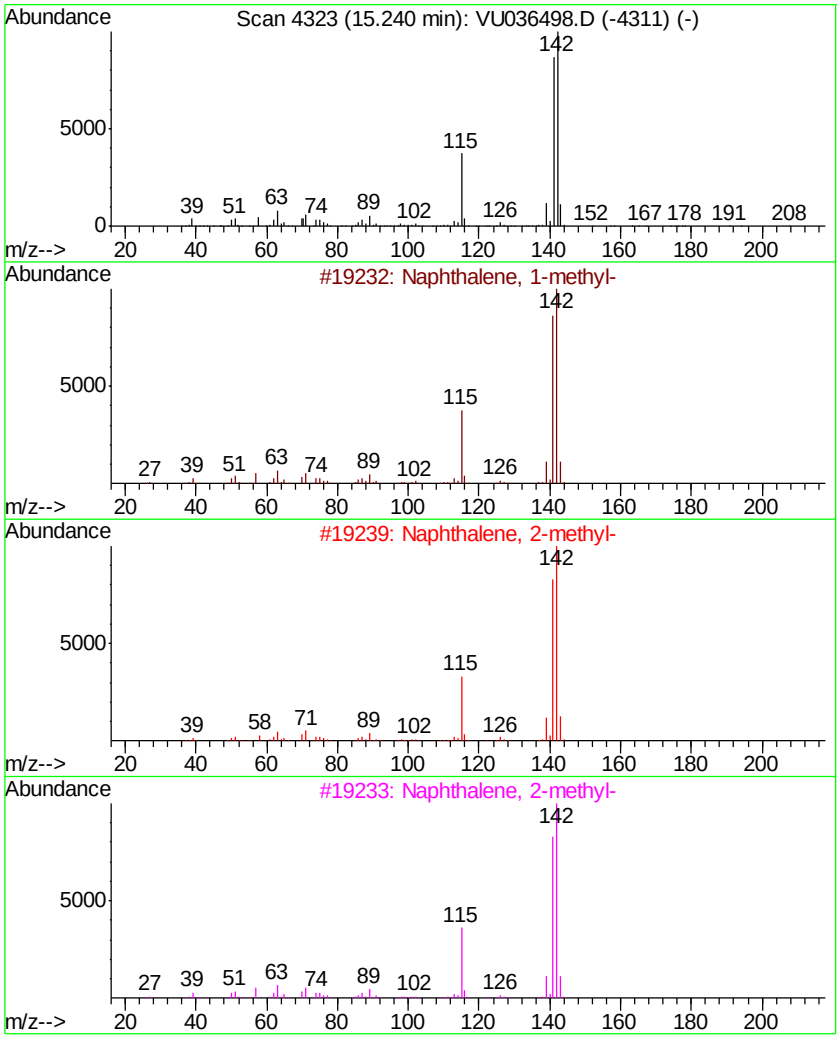
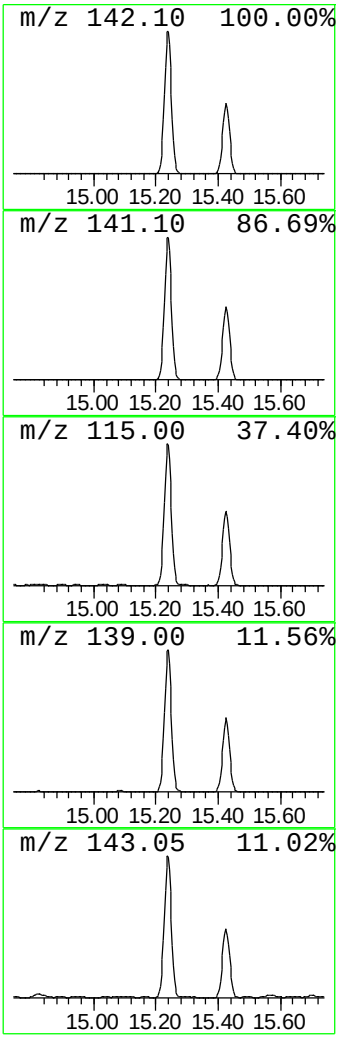
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	147.87 ug/L	5868090	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Data File : VU036498.D
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Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

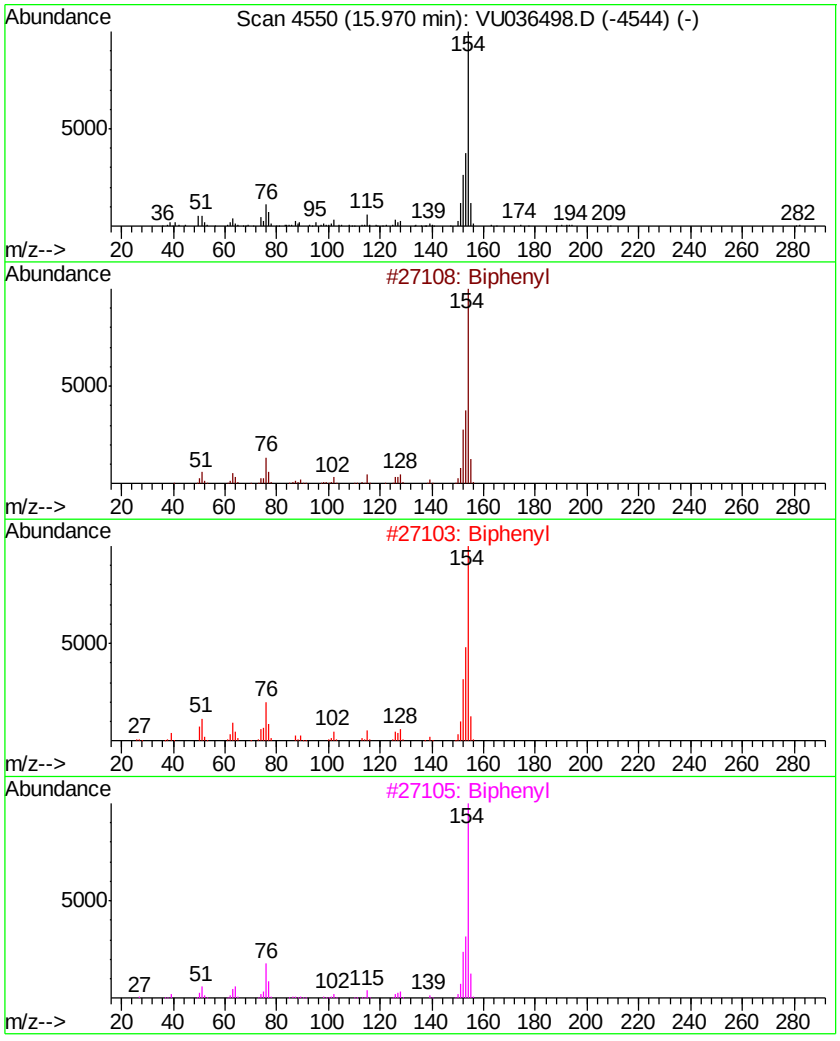
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

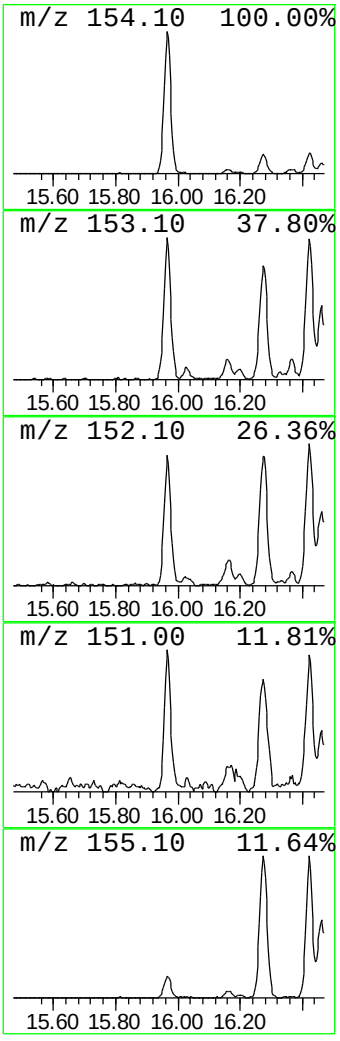
****

Peak Number 21 Biphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	5.11 ug/L	202670	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	87
2	Biphenyl	154	C12H10	000092-52-4	83
3	Biphenyl	154	C12H10	000092-52-4	83
4	Biphenyl	154	C12H10	000092-52-4	74
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74





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Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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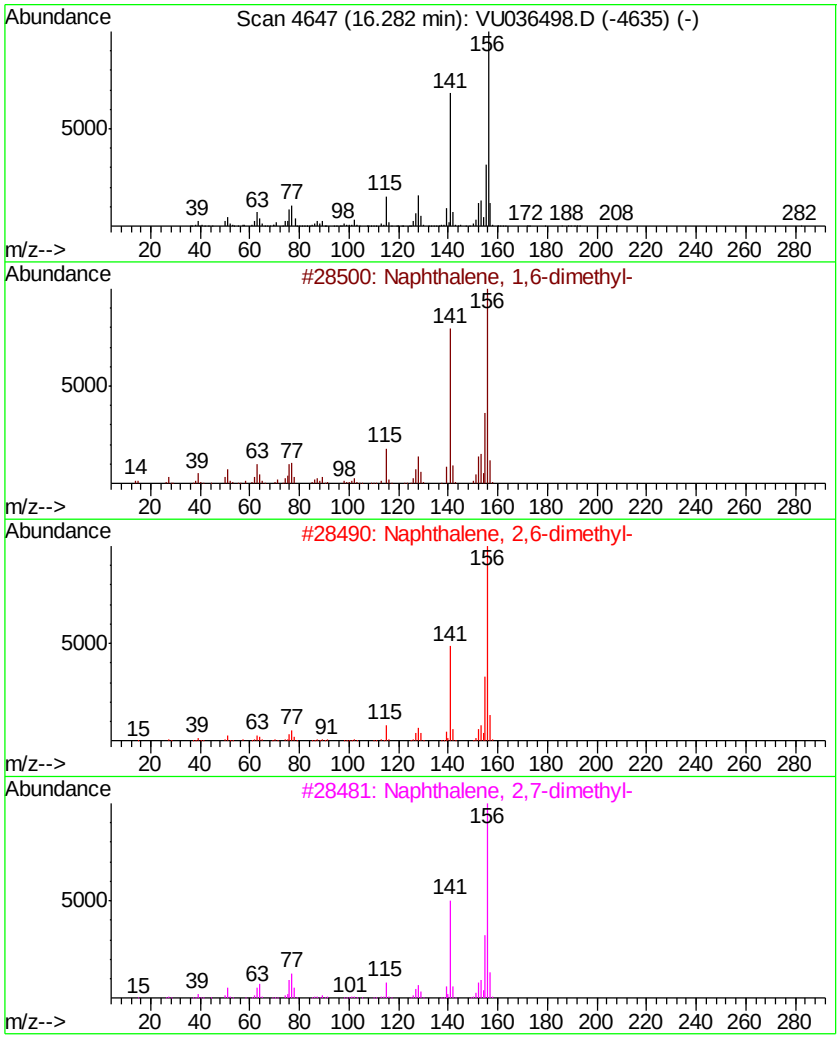
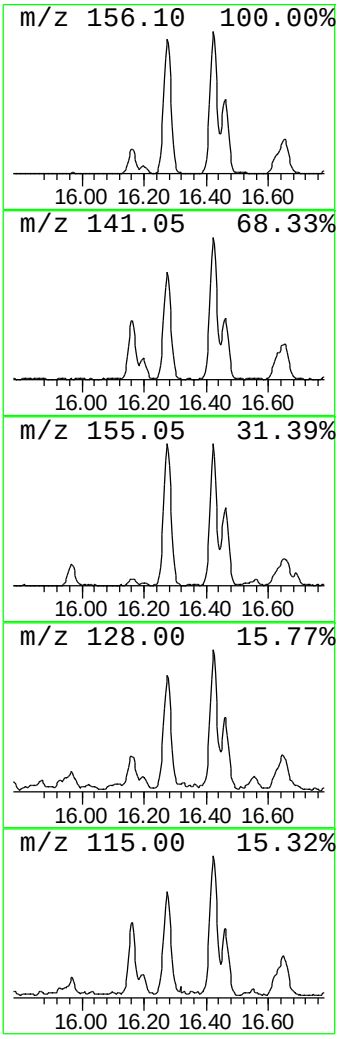
Peak Number 23 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	21.85 ug/L	867169	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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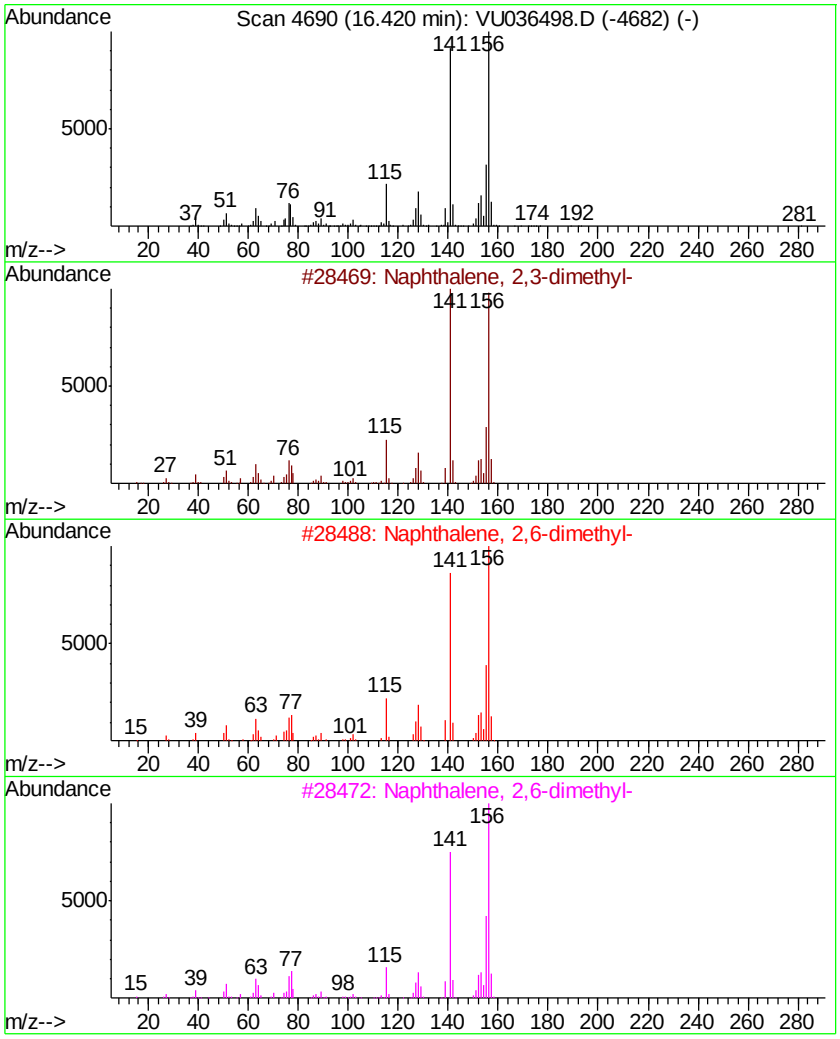
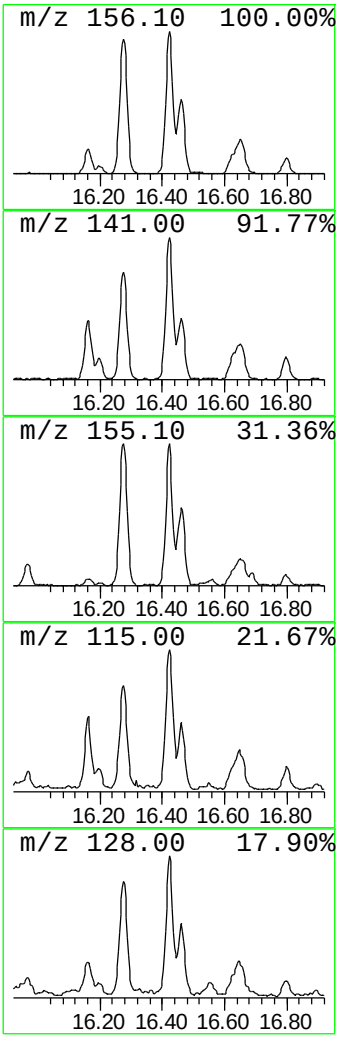
Peak Number 24 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	21.90 ug/L	869255	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

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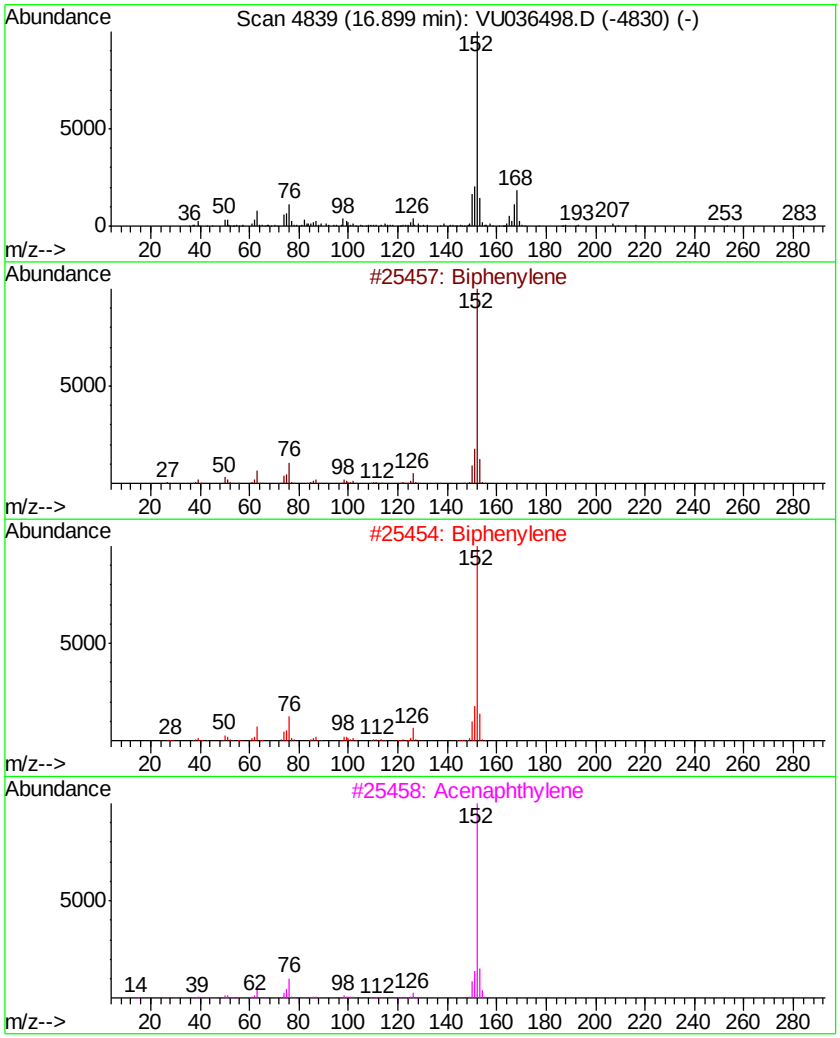
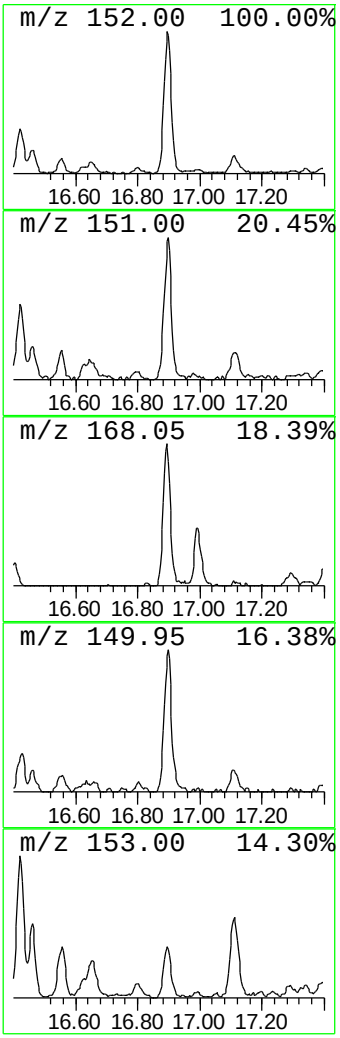
Peak Number 25 Biphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	5.77 ug/L	228855	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	76
2	Biphenylene	152	C12H8	000259-79-0	76
3	Acenaphthylene	152	C12H8	000208-96-8	68
4	Acenaphthylene	152	C12H8	000208-96-8	58
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	11.02	10.4	ug/L	413129	3	11.83	1984230	50.0
Mesitylene	11.11	13.4	ug/L	529649	3	11.83	1984230	50.0
Benzene, 1-etheny...	11.56	11.8	ug/L	466705	3	11.83	1984230	50.0
Benzene, 2-propenyl-	11.61	3.8	ug/L	148748	3	11.83	1984230	50.0
Benzofuran	11.75	6.8	ug/L	270626	3	11.83	1984230	50.0
Benzene, 1,2,4-tr...	11.92	9.3	ug/L	370379	3	11.83	1984230	50.0
Indane	12.11	5.3	ug/L	209431	3	11.83	1984230	50.0
Indene	12.33	61.7	ug/L	2449280	3	11.83	1984230	50.0
Benzofuran, 2-met...	12.94	4.6	ug/L	181869	3	11.83	1984230	50.0
Benzene, 1-ethyl-...	13.05	11.8	ug/L	466786	3	11.83	1984230	50.0
(DEL) Alkane: Str...	13.45	20.5	ug/L	813035	3	11.83	1984230	50.0
2-Methylindene	13.54	19.1	ug/L	758624	3	11.83	1984230	50.0
(DEL) Alkane: Str...	14.46	2.8	ug/L	111000	3	11.83	1984230	50.0
Naphthalene, 1-me...	15.24	147.9	ug/L	5868090	3	11.83	1984230	50.0
Biphenyl	15.97	5.1	ug/L	202670	3	11.83	1984230	50.0
Naphthalene, 1,6-...	16.28	21.9	ug/L	867169	3	11.83	1984230	50.0
Naphthalene, 2,3-...	16.42	21.9	ug/L	869255	3	11.83	1984230	50.0
Biphenylene	16.90	5.8	ug/L	228855	3	11.83	1984230	50.0