LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

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\SOMVLM102220WMA.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	1.116	3	8	16	rVB	73097	65430	5.80%	0.700%
2	1.315	62	70	83	rVB	174133	191259	16.96%	2.045%
3	1.579	145	152	164	rVB	132696	145135	12.87%	1.552%
4	2.122	311	321	353	rVB	271191	424039	37.60%	4.535%
5	2.450	419	423	424	rBV2	791	559	0.05%	0.006%
6	2.518	433	444	463	rVB4	5559	12844	1.14%	0.137%
7	2.659	486	488	491	rBV3	215	98	0.01%	0.001%
8	2.675	491	493	496	rVB2	252	144	0.01%	0.002%
9	2.692	496	498	500	rBV	284	198	0.02%	0.002%
10	2.749	511	516	518	rBV	210	198	0.02%	0.002%
11	2.772	518	523	525	rBV2	1077	1012	0.09%	0.011%
12	3.032	601	604	605	rBV2	218	128	0.01%	0.001%
13	3.232	660	666	667	rBV2	170	167	0.01%	0.002%
14	3.318	690	693	695	rBV	159	126	0.01%	0.001%
15	3.367	702	708	716	rBV3	285	512	0.05%	0.005%
16	3.415	721	723	726	rVB2	331	135	0.01%	0.001%
17	3.441	728	731	734	rBV2	210	146	0.01%	0.002%
18	3.653	793	797	799	rBV3	371	295	0.03%	0.003%
19	3.669	799	802	803	rBV3	260	118	0.01%	0.001%
20	3.688	803	808	810	rVV3	421	390	0.03%	0.004%
21	3.749	822	827	829	rBV	199	166	0.01%	0.002%
22	3.804	839	844	848	rBV	223	190	0.02%	0.002%
23	3.827	848	851	856	rBV	155	116	0.01%	0.001%
24	3.859	856	861	862	rBV2	380	258	0.02%	0.003%
25	3.907	866	876	927	rVV2	78956	219707	19.48%	2.350%
26	4.261	984	986	988	rBV	439	237	0.02%	0.003%
27	4.376	1006	1022	1055	rVB	176430	433523	38.44%	4.636%
28	4.579	1083	1085	1090	rVB2	291	108	0.01%	0.001%
29	4.614	1092	1096	1098	rBV3	568	427	0.04%	0.005%
30	4.630	1099	1101	1110	rVB4	599	518	0.05%	0.006%
31	4.679	1115	1116	1120	rVB	407	185	0.02%	0.002%
32	4.727	1128	1131	1135	rVB3	211	152	0.01%	0.002%
33	4.917	1188	1190	1191	rBV	310	99	0.01%	0.001%
34	5.000	1211	1216	1221	rBV3	452	610	0.05%	0.007%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

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\SOMVLM102220WMA.M
Title : VOC Analysis

35	5.071	1221	1238	1272	rVV2	442088	1127860	100.00%	12.062%
36	5.257	1282	1296	1313	rVB2	12689	32597	2.89%	0.349%
37	5.428	1347	1349	1351	rBV2	451	215	0.02%	0.002%
38	5.498	1366	1371	1373	rBV2	427	363	0.03%	0.004%
39	5.547	1383	1386	1389	rBV3	321	234	0.02%	0.003%
40	5.640	1403	1415	1451	rBV	327361	662181	58.71%	7.082%
41	6.032	1532	1537	1539	rBV2	197	194	0.02%	0.002%
42	6.048	1539	1542	1543	rVB	261	109	0.01%	0.001%
43	6.093	1543	1556	1585	rBV	245786	500124	44.34%	5.349%
44	6.289	1614	1617	1619	rBV2	851	436	0.04%	0.005%
45	6.415	1653	1656	1664	rVB4	616	595	0.05%	0.006%
46	6.511	1684	1686	1690	rVB	286	136	0.01%	0.001%
47	6.595	1696	1712	1725	rBV8	3829	11851	1.05%	0.127%
48	6.675	1725	1737	1752	rVB4	12648	27214	2.41%	0.291%
49	6.752	1759	1761	1762	rBV	181	96	0.01%	0.001%
50	6.801	1762	1776	1794	rVV3	21302	50066	4.44%	0.535%
51	6.942	1819	1820	1823	rBV2	304	171	0.02%	0.002%
52	6.968	1824	1828	1829	rBV2	968	618	0.05%	0.007%
53	7.006	1829	1840	1861	rVV	142639	257528	22.83%	2.754%
54	7.283	1918	1926	1931	rBV3	5772	9713	0.86%	0.104%
55	7.338	1932	1943	1968	rVB	514538	890586	78.96%	9.524%
56	7.559	2006	2012	2016	rBV7	1646	1992	0.18%	0.021%
57	7.643	2029	2038	2061	rVB	103187	180146	15.97%	1.927%
58	7.865	2098	2107	2125	rVB4	15404	30549	2.71%	0.327%
59	7.997	2138	2148	2166	rVB	74496	126204	11.19%	1.350%
60	8.106	2172	2182	2208	rBV	314014	546207	48.43%	5.841%
61	8.241	2222	2224	2234	rVB	8221	5861	0.52%	0.063%
62	8.534	2309	2315	2328	rVB5	4954	7339	0.65%	0.078%
63	8.621	2337	2342	2343	rBV	551	460	0.04%	0.005%
64	8.875	2409	2421	2444	rBV	525949	855952	75.89%	9.154%
65	9.090	2486	2488	2491	rBV3	435	188	0.02%	0.002%
66	9.338	2563	2565	2567	rBV	268	131	0.01%	0.001%
67	9.450	2595	2600	2603	rBV3	392	363	0.03%	0.004%
68	9.495	2611	2614	2618	rBV3	334	216	0.02%	0.002%
69	9.550	2628	2631	2633	rBV	321	211	0.02%	0.002%
70	9.756	2692	2695	2696	rBV2	831	533	0.05%	0.006%
71	9.952	2743	2756	2774	rBV	28468	47094	4.18%	0.504%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

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\SOMVLM102220WMA.M
Title : VOC Analysis

72	10.087	2796	2798	2801	rVB	363	166	0.01%	0.002%
73	10.148	2813	2817	2818	rBV	481	368	0.03%	0.004%
74	10.238	2832	2845	2870	rBV	334838	526167	46.65%	5.627%
75	10.334	2871	2875	2877	rVV3	717	410	0.04%	0.004%
76	10.489	2918	2923	2927	rBV3	878	989	0.09%	0.011%
77	10.534	2935	2937	2939	rBV	355	143	0.01%	0.002%
78	10.585	2950	2953	2960	rBV3	368	448	0.04%	0.005%
79	10.765	3001	3009	3020	rVB2	1144	1929	0.17%	0.021%
80	10.881	3039	3045	3046	rBV3	2541	2080	0.18%	0.022%
81	11.077	3097	3106	3109	rBV2	21360	28698	2.54%	0.307%
82	11.209	3145	3147	3148	rBV	461	160	0.01%	0.002%
83	11.270	3154	3166	3185	rBV	548309	827926	73.41%	8.854%
84	11.473	3225	3229	3239	rVB6	3799	4962	0.44%	0.053%
85	11.553	3245	3254	3270	rVB4	18880	38551	3.42%	0.412%
86	11.646	3270	3283	3305	rBV	581114	910375	80.72%	9.736%
87	11.833	3333	3341	3353	rVB3	10726	16887	1.50%	0.181%
88	11.948	3375	3377	3380	rBV	391	289	0.03%	0.003%
89	12.013	3395	3397	3400	rBV	361	217	0.02%	0.002%
90	12.071	3411	3415	3416	rBV3	923	539	0.05%	0.006%
91	12.215	3456	3460	3469	rVB3	4130	4986	0.44%	0.053%
92	12.321	3488	3493	3499	rVB4	1595	1568	0.14%	0.017%
93	12.402	3514	3518	3522	rBV3	558	684	0.06%	0.007%
94	12.572	3564	3571	3582	rVB3	11031	15975	1.42%	0.171%
95	12.746	3617	3625	3632	rBV	30735	45641	4.05%	0.488%
96	12.907	3667	3675	3684	rBV3	5590	8020	0.71%	0.086%
97	12.977	3689	3697	3710	rVB6	4318	6756	0.60%	0.072%
98	13.189	3757	3763	3769	rBV4	4977	6056	0.54%	0.065%
99	13.234	3771	3777	3788	rVB2	15562	21735	1.93%	0.232%
100	13.736	3926	3933	3940	rVB5	1693	2271	0.20%	0.024%

Sum of corrected areas: 9350558

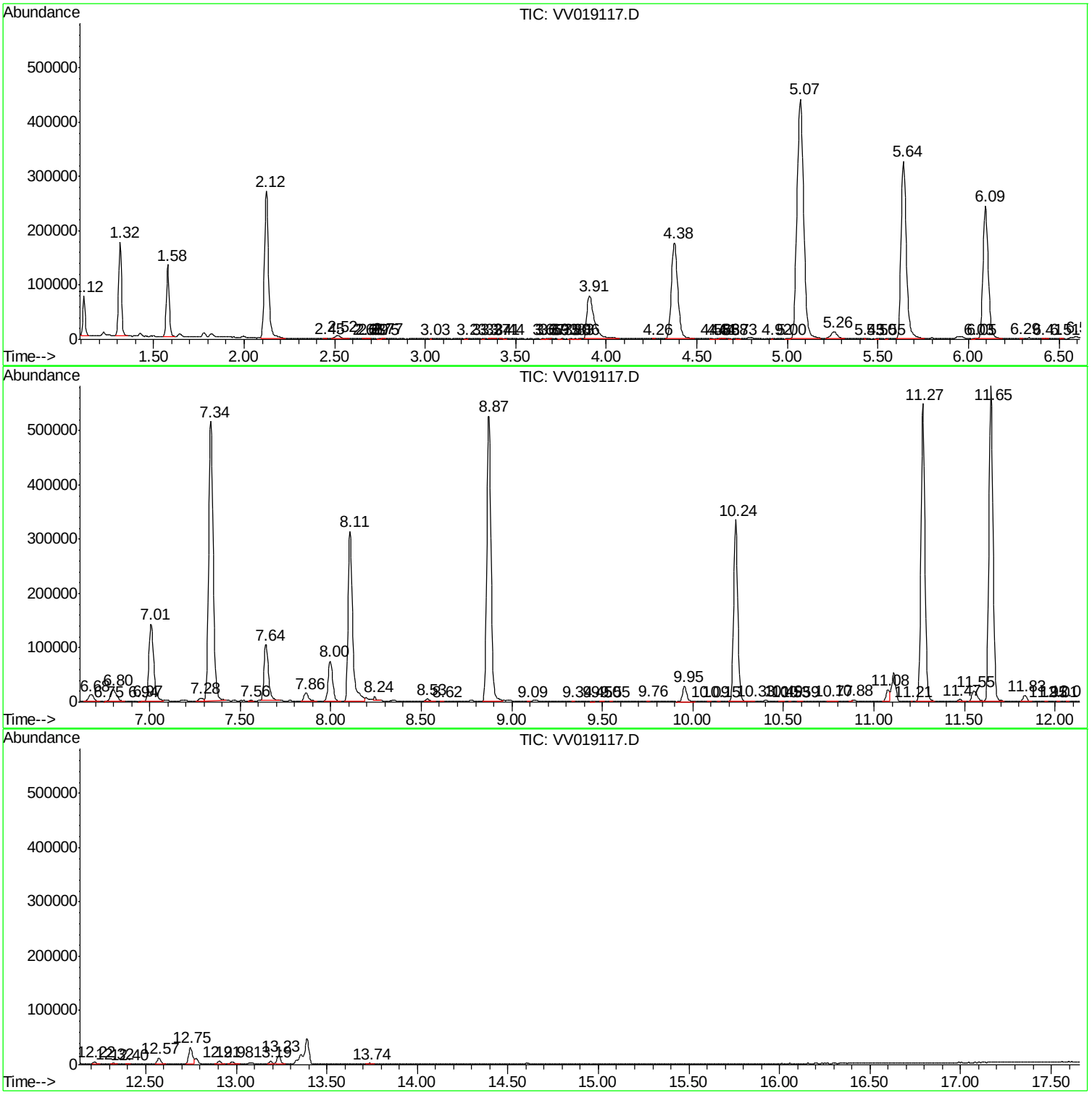
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.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\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

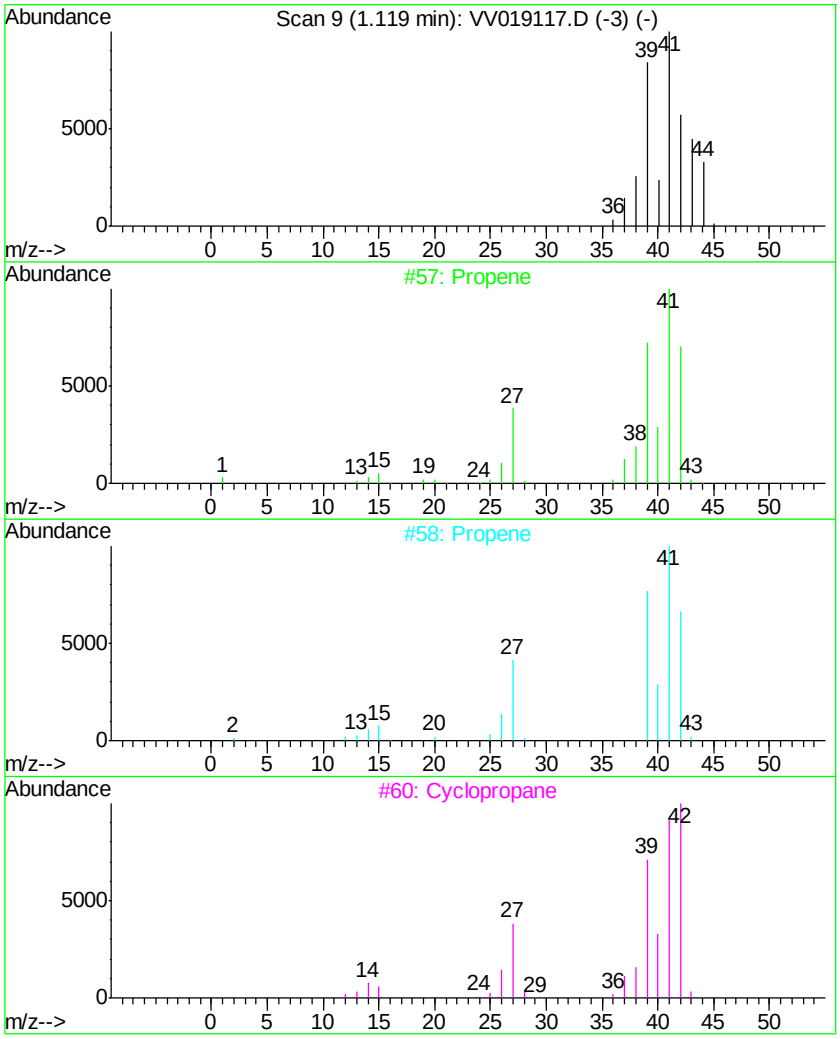
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

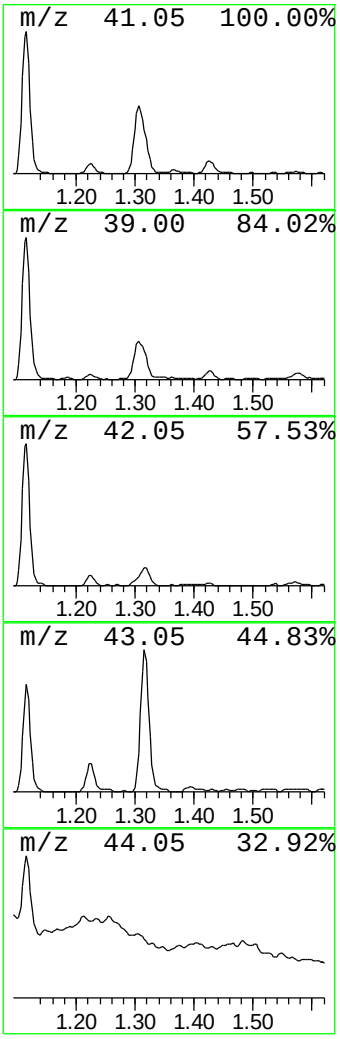
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	4.94 ug/L	65430	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	72
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	40
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

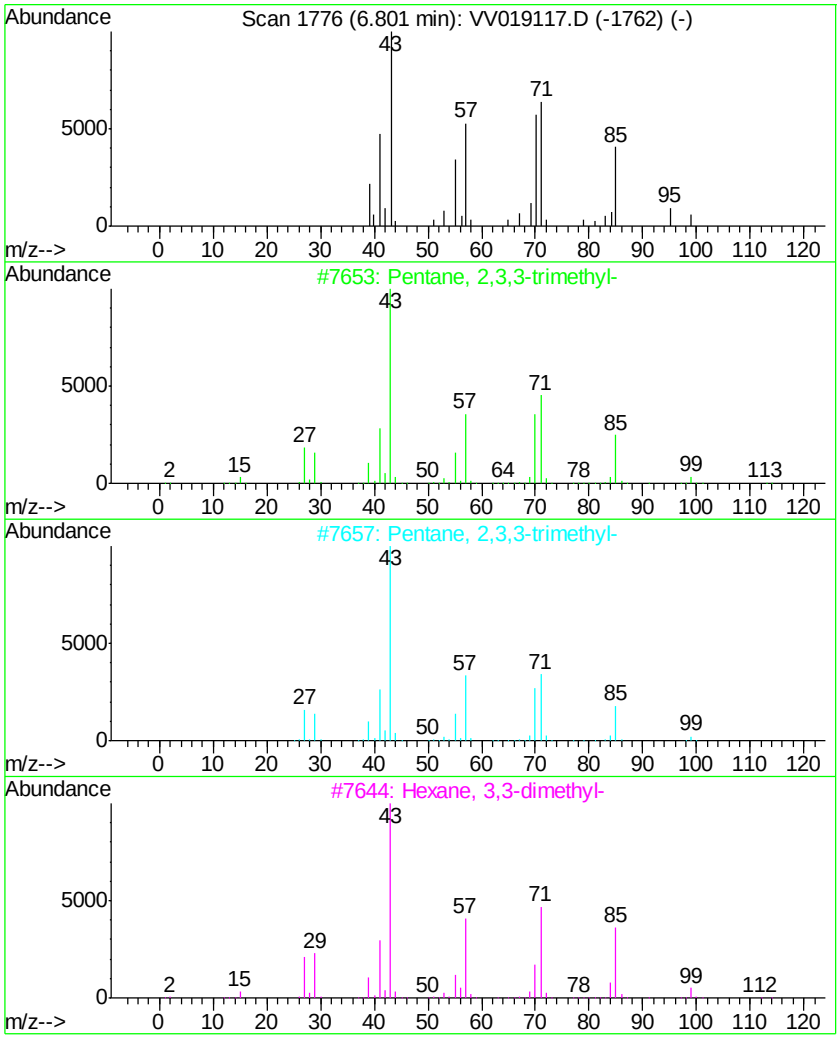
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

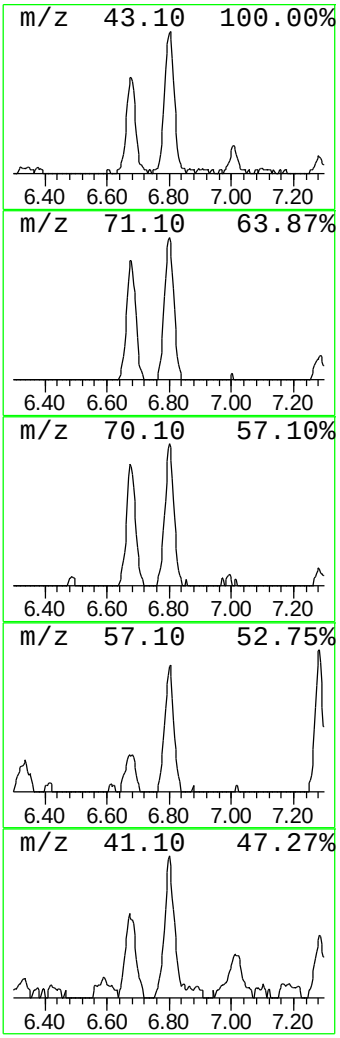
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.78 ug/L	50066	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

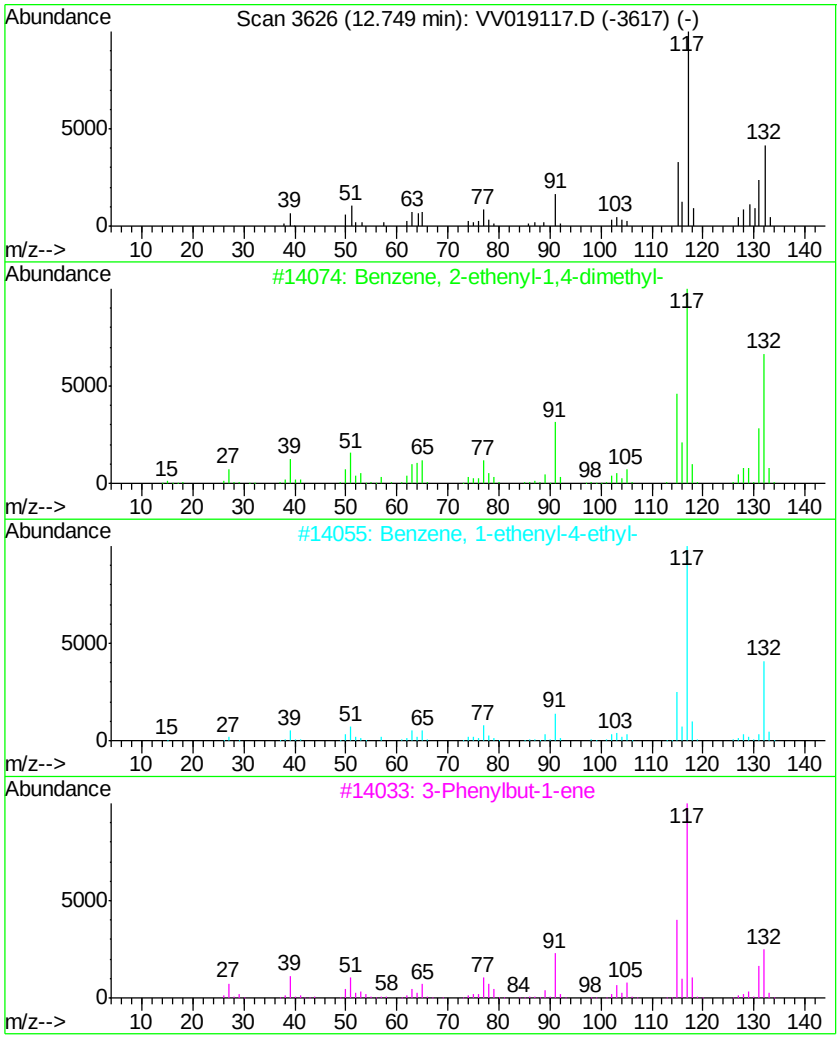
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

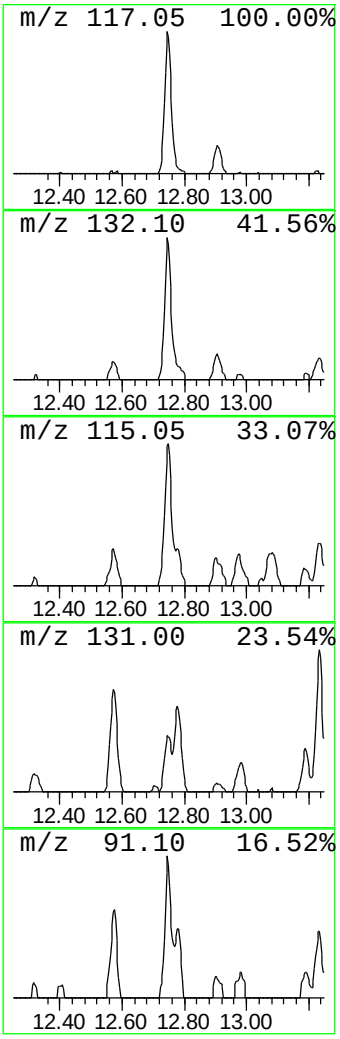
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.76 ug/L	45641	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102620\
Data File : VV019117.D
Acq On : 26 Oct 2020 14:21
Operator : SY/MD
Sample : L4502-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG451

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.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: Str...	1.12	4.9	ug/L	65430	1	5.64	662181	50.0
(DEL) Alkane: Str...	6.80	3.8	ug/L	50066	1	5.64	662181	50.0
Benzene, 2-etheny...	12.75	2.8	ug/L	45641	3	11.27	827926	50.0