LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

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\SOMVLM090920WMA.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	1.219	35	40	47	rBV	17326	16442	1.37%	0.131%
2	1.312	63	69	86	rVB	133218	159714	13.30%	1.271%
3	1.579	144	152	169	rBV	93238	144767	12.05%	1.152%
4	2.100	304	314	327	rBV	260548	371460	30.93%	2.956%
5	2.524	436	446	463	rVB5	11358	24780	2.06%	0.197%
6	2.627	467	478	492	rVB2	3172	6599	0.55%	0.053%
7	2.762	507	520	535	rBV	15848	32548	2.71%	0.259%
8	3.042	592	607	634	rBB2	48126	97301	8.10%	0.774%
9	3.550	750	765	777	rVV3	1912	4536	0.38%	0.036%
10	3.781	821	837	850	rBV4	4948	12421	1.03%	0.099%
11	3.936	873	885	952	rBV	51538	237151	19.75%	1.887%
12	4.373	1005	1021	1052	rVB	176578	455771	37.95%	3.627%
13	5.068	1221	1237	1268	rBV2	491873	1200978	100.00%	9.558%
14	5.363	1320	1329	1343	rBV6	2655	6623	0.55%	0.053%
15	5.640	1402	1415	1453	rBV	400478	832337	69.30%	6.624%
16	5.929	1493	1505	1523	rBV6	20136	44453	3.70%	0.354%
17	6.019	1524	1533	1542	rVV3	2006	4171	0.35%	0.033%
18	6.093	1543	1556	1589	rVB	256896	540837	45.03%	4.304%
19	6.669	1727	1735	1748	rVB5	2729	5709	0.48%	0.045%
20	6.797	1761	1775	1783	rBV6	2878	6167	0.51%	0.049%
21	6.939	1808	1819	1829	rBV4	3451	6881	0.57%	0.055%
22	7.010	1830	1841	1863	rBV	137522	266196	22.16%	2.119%
23	7.280	1915	1925	1932	rBV4	8548	15850	1.32%	0.126%
24	7.338	1932	1943	1960	rVV	546907	962370	80.13%	7.659%
25	7.588	2011	2021	2029	rBV2	8893	13808	1.15%	0.110%
26	7.643	2029	2038	2076	rVB	89043	192457	16.03%	1.532%
27	7.897	2109	2117	2124	rVV5	1605	2164	0.18%	0.017%
28	8.148	2173	2195	2236	rBV2	145495	538434	44.83%	4.285%
29	8.370	2258	2264	2273	rVB4	1980	2794	0.23%	0.022%
30	8.591	2325	2333	2336	rBV2	1528	1885	0.16%	0.015%
31	8.688	2352	2363	2372	rBV5	3651	5897	0.49%	0.047%
32	8.807	2392	2400	2409	rVB3	2608	3914	0.33%	0.031%
33	8.878	2409	2422	2448	rBV	550964	1049495	87.39%	8.353%
34	9.042	2464	2473	2482	rVB5	4548	7829	0.65%	0.062%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

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\SOMVLM090920WMA.M
Title : VOC Analysis

35	9.167	2503	2512	2523	rVV	17596	33464	2.79%	0.266%
36	9.225	2523	2530	2546	rVB2	14481	25450	2.12%	0.203%
37	9.498	2604	2615	2623	rVV7	3873	6998	0.58%	0.056%
38	9.572	2630	2638	2656	rBV3	6971	14556	1.21%	0.116%
39	9.701	2669	2678	2680	rBV3	1786	2331	0.19%	0.019%
40	9.733	2682	2688	2698	rVB5	5151	7562	0.63%	0.060%
41	9.820	2698	2715	2725	rBV5	7210	15749	1.31%	0.125%
42	9.958	2744	2758	2766	rBV2	4350	8466	0.70%	0.067%
43	10.042	2775	2784	2791	rBV3	4677	7817	0.65%	0.062%
44	10.106	2792	2804	2808	rVV4	5950	11454	0.95%	0.091%
45	10.141	2809	2815	2826	rVB3	12781	22734	1.89%	0.181%
46	10.247	2830	2848	2865	rBV	322234	569278	47.40%	4.531%
47	10.379	2880	2889	2908	rVB	30721	53932	4.49%	0.429%
48	10.476	2908	2919	2938	rBV	105226	252680	21.04%	2.011%
49	10.566	2939	2947	2952	rBV	53798	78568	6.54%	0.625%
50	10.691	2977	2986	2987	rBV4	1386	1856	0.15%	0.015%
51	10.723	2987	2996	3001	rVV2	15542	25182	2.10%	0.200%
52	10.765	3002	3009	3024	rVB	34178	60566	5.04%	0.482%
53	10.900	3044	3051	3054	rBV3	10674	13861	1.15%	0.110%
54	10.939	3055	3063	3086	rVB	181732	299217	24.91%	2.381%
55	11.054	3091	3099	3103	rBV4	6449	10040	0.84%	0.080%
56	11.173	3128	3136	3144	rBV6	13604	21811	1.82%	0.174%
57	11.218	3145	3150	3157	rVB3	8414	10770	0.90%	0.086%
58	11.276	3157	3168	3186	rBV	685166	1089439	90.71%	8.671%
59	11.360	3186	3194	3202	rBV2	38207	59300	4.94%	0.472%
60	11.485	3227	3233	3242	rVB4	12561	17453	1.45%	0.139%
61	11.572	3248	3260	3262	rBV2	20095	33088	2.76%	0.263%
62	11.598	3264	3268	3274	rVV2	49050	68798	5.73%	0.548%
63	11.652	3274	3285	3305	rVB2	666951	1148739	95.65%	9.143%
64	11.810	3325	3334	3341	rBV	76626	109781	9.14%	0.874%
65	11.939	3364	3374	3377	rBV	34720	50212	4.18%	0.400%
66	12.042	3398	3406	3430	rVB	70426	116496	9.70%	0.927%
67	12.144	3431	3438	3441	rBV5	6038	8107	0.68%	0.065%
68	12.279	3467	3480	3489	rBV9	14872	35458	2.95%	0.282%
69	12.337	3491	3498	3507	rVB2	13221	20003	1.67%	0.159%
70	12.392	3507	3515	3519	rBV6	11471	17779	1.48%	0.142%
71	12.437	3522	3529	3537	rVB	50219	72022	6.00%	0.573%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

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\SOMVLM090920WMA.M
Title : VOC Analysis

72	12.488	3537	3545	3554	rBV	78206	111562	9.29%	0.888%
73	12.575	3565	3572	3577	rBV	16846	23155	1.93%	0.184%
74	12.607	3578	3582	3587	rBV2	13023	15588	1.30%	0.124%
75	12.749	3619	3626	3639	rVB	32707	48555	4.04%	0.386%
76	12.820	3639	3648	3655	rBV3	15665	23653	1.97%	0.188%
77	12.871	3656	3664	3668	rBV3	18878	29902	2.49%	0.238%
78	12.906	3669	3675	3703	rVB5	74043	158761	13.22%	1.264%
79	13.022	3704	3711	3719	rBV	30008	41988	3.50%	0.334%
80	13.189	3756	3763	3772	rBV4	6359	9139	0.76%	0.073%
81	13.234	3772	3777	3785	rVB6	4011	5706	0.48%	0.045%
82	13.292	3785	3795	3801	rBV2	37097	62027	5.16%	0.494%
83	13.424	3829	3836	3848	rVB2	19878	28224	2.35%	0.225%
84	13.495	3852	3858	3860	rVV4	5446	6713	0.56%	0.053%
85	13.527	3861	3868	3878	rVB	49812	73860	6.15%	0.588%
86	13.646	3894	3905	3906	rBV8	4931	7054	0.59%	0.056%
87	13.742	3926	3935	3944	rBV3	7350	17049	1.42%	0.136%
88	13.926	3984	3992	4008	rVB4	23634	42682	3.55%	0.340%
89	14.122	4042	4053	4066	rBV7	10663	25120	2.09%	0.200%
90	14.257	4088	4095	4105	rVV2	7767	12907	1.07%	0.103%
91	14.385	4132	4135	4143	rVB8	2083	2679	0.22%	0.021%
92	14.459	4150	4158	4165	rBV8	2507	4530	0.38%	0.036%
93	14.662	4214	4221	4234	rVB	18111	29045	2.42%	0.231%
94	14.845	4271	4278	4281	rBV2	6927	9321	0.78%	0.074%
95	15.443	4459	4464	4472	rVB8	3457	4725	0.39%	0.038%
96	15.585	4502	4508	4512	rBV6	3921	5164	0.43%	0.041%
97	15.694	4528	4542	4550	rBV2	11795	22911	1.91%	0.182%
98	15.755	4558	4561	4571	rVB5	6240	8262	0.69%	0.066%
99	15.839	4578	4587	4593	rBV3	14607	22016	1.83%	0.175%
100	16.337	4735	4742	4752	rVB	25243	36568	3.04%	0.291%

Sum of corrected areas: 12564622

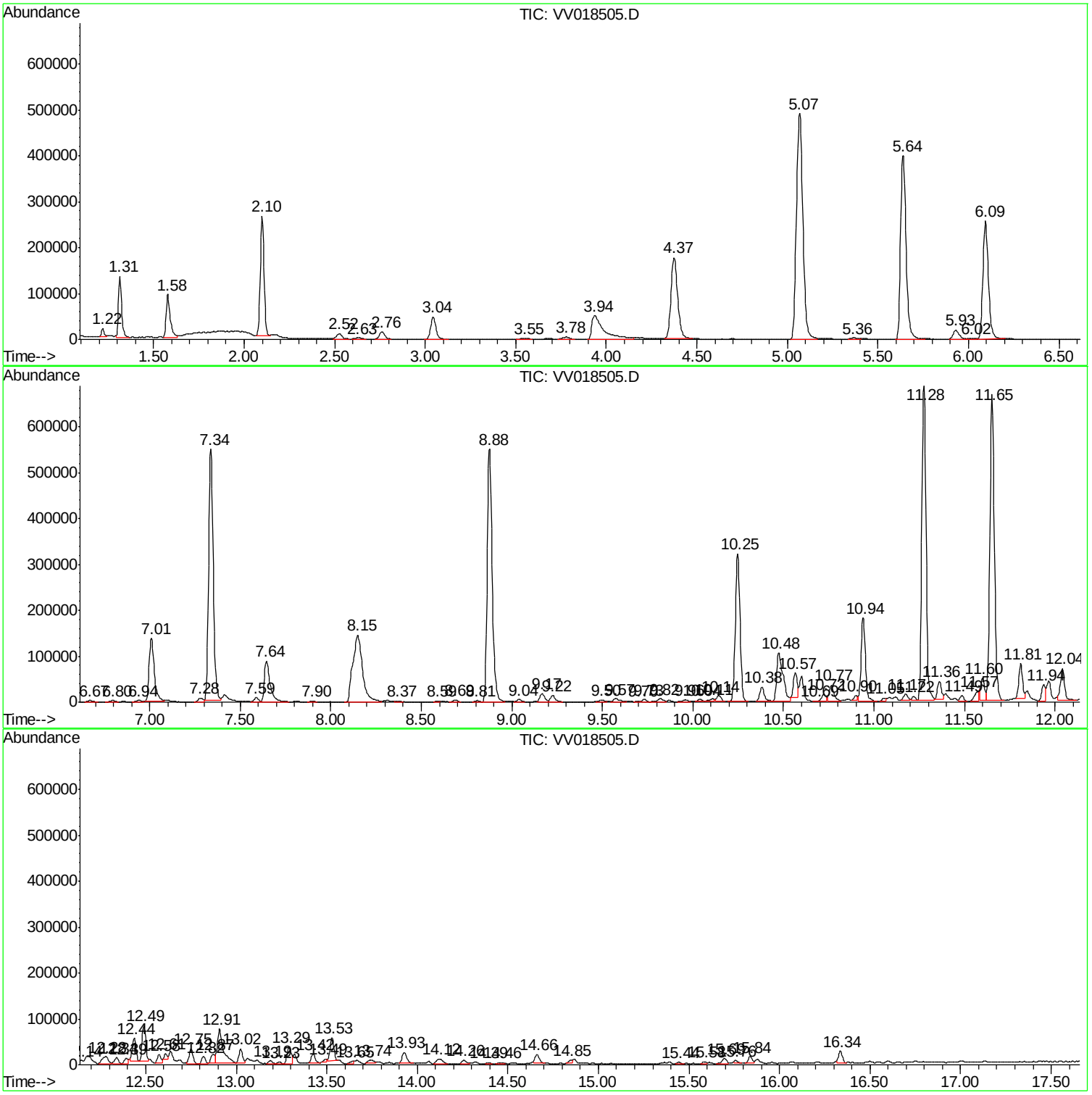
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

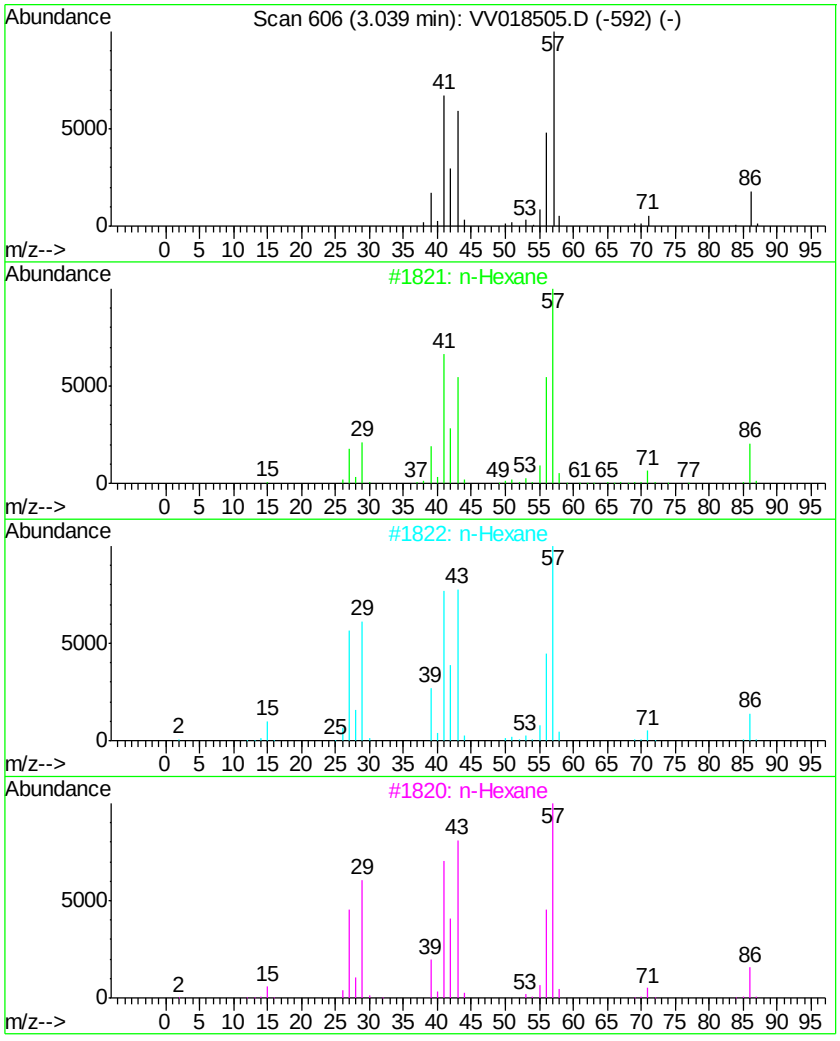
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

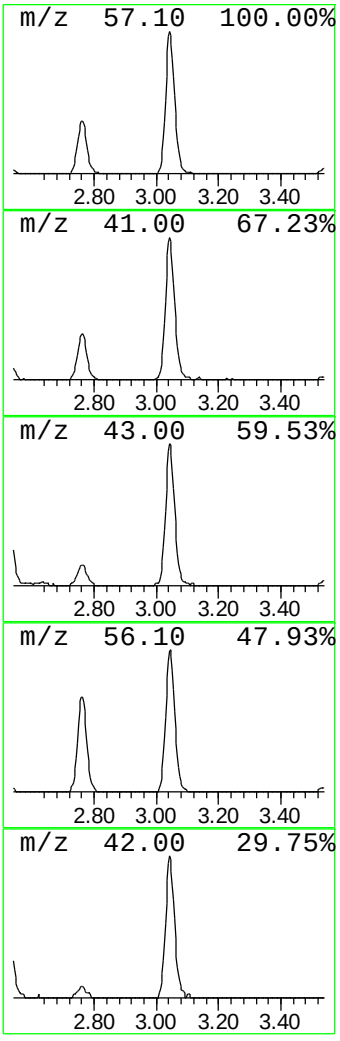
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	5.85 ug/L	97301	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	59
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

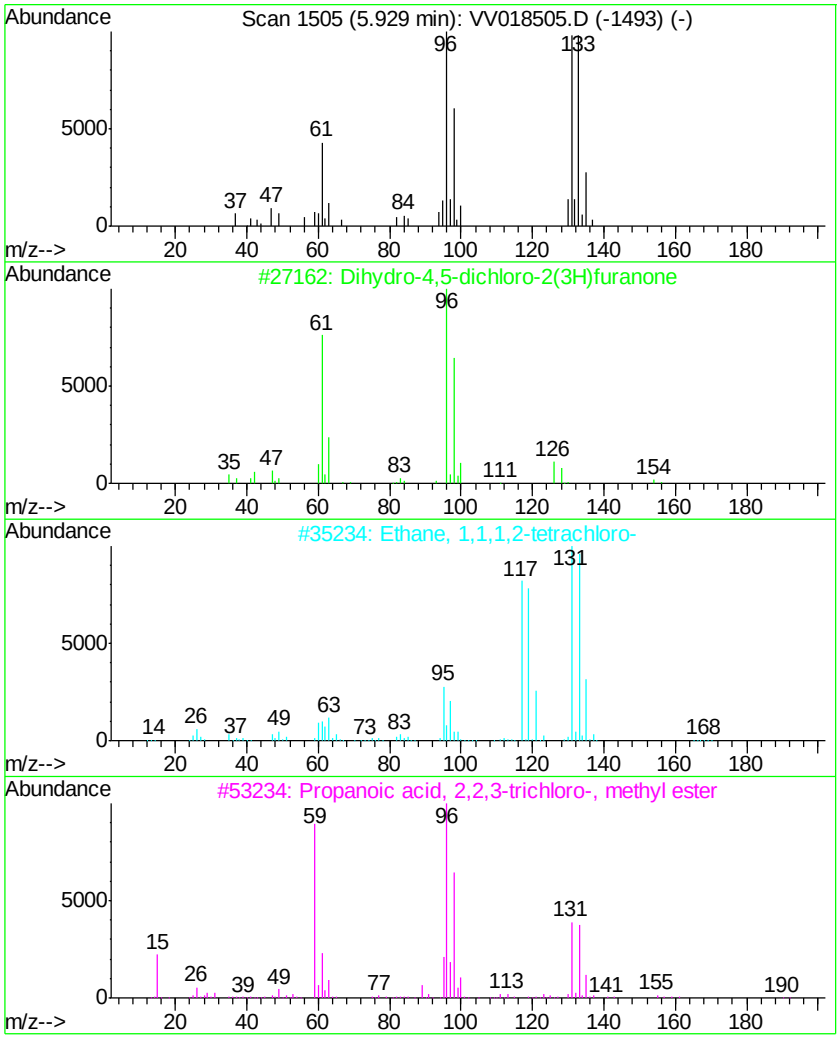
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

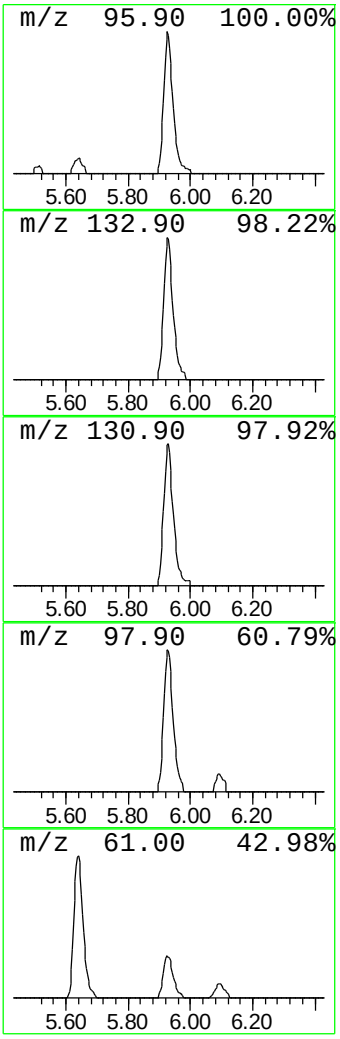
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.67 ug/L	44453	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	23
4	Benzene, fluoro-	96	C6H5F	000462-06-6	10
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

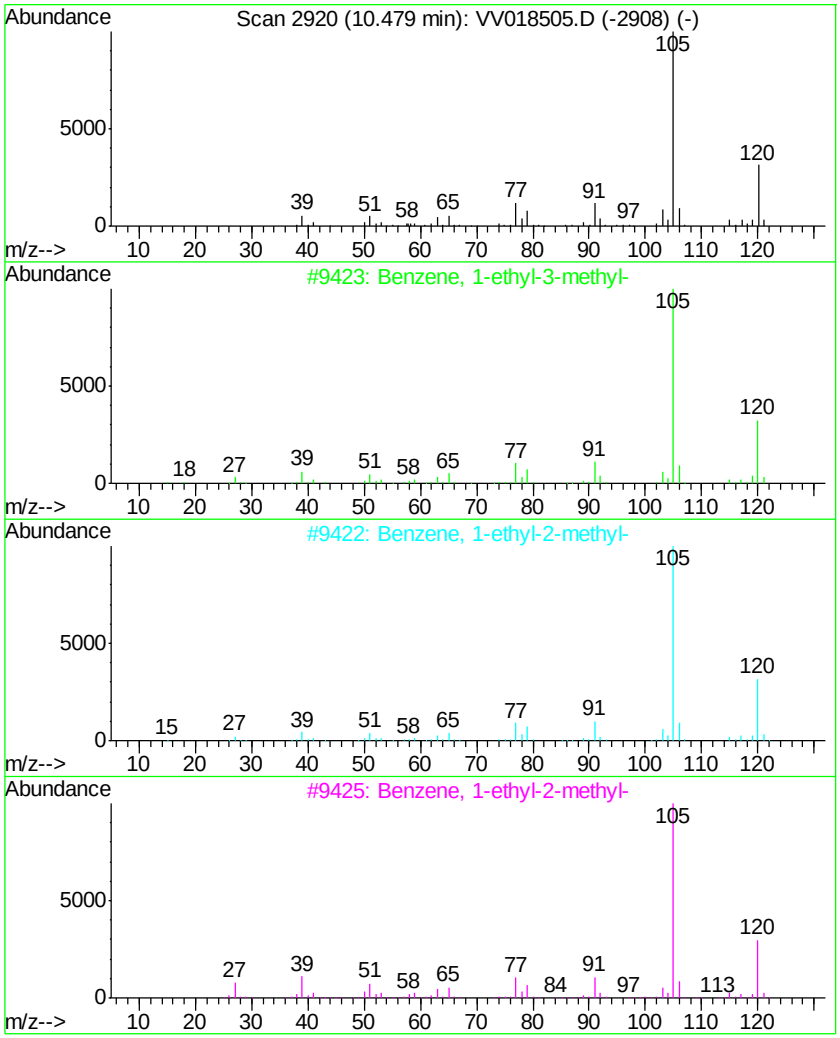
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

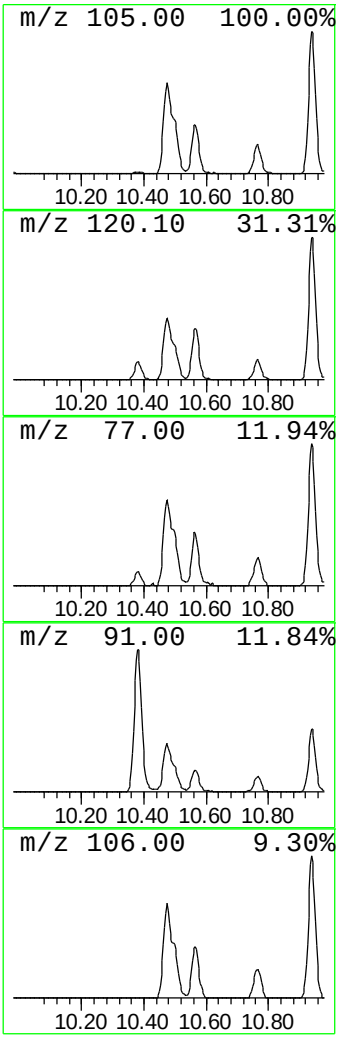
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	11.60 ug/L	252680	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

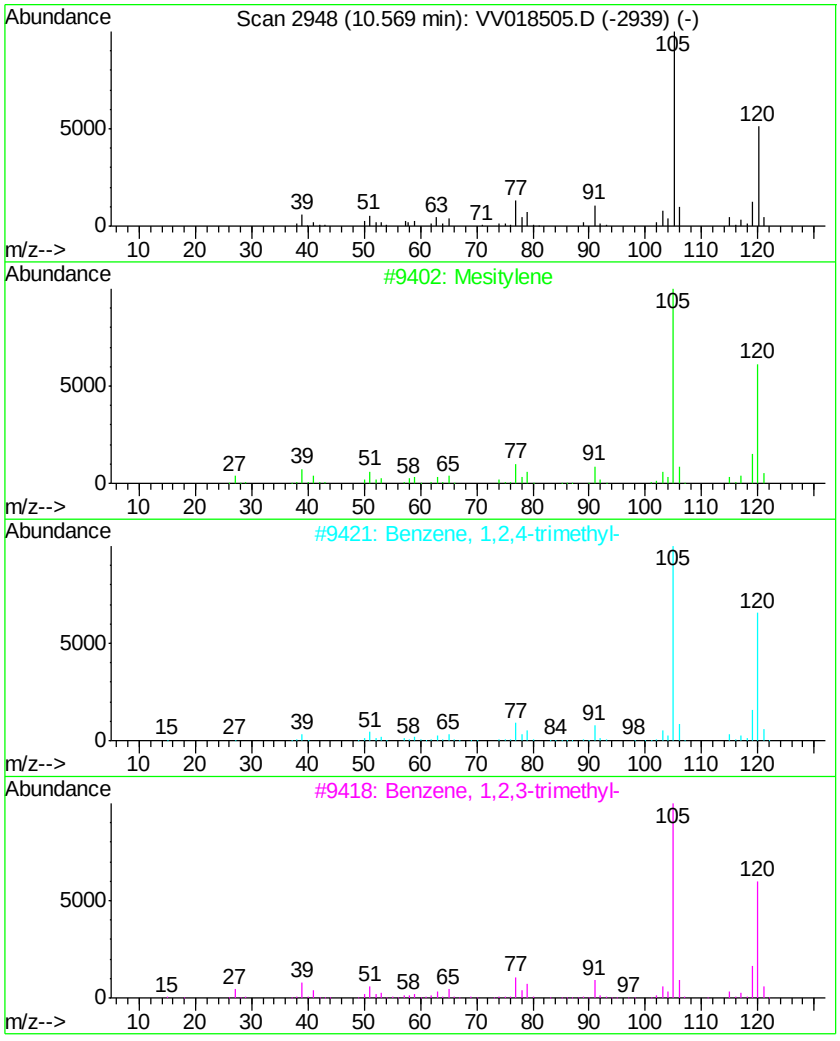
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

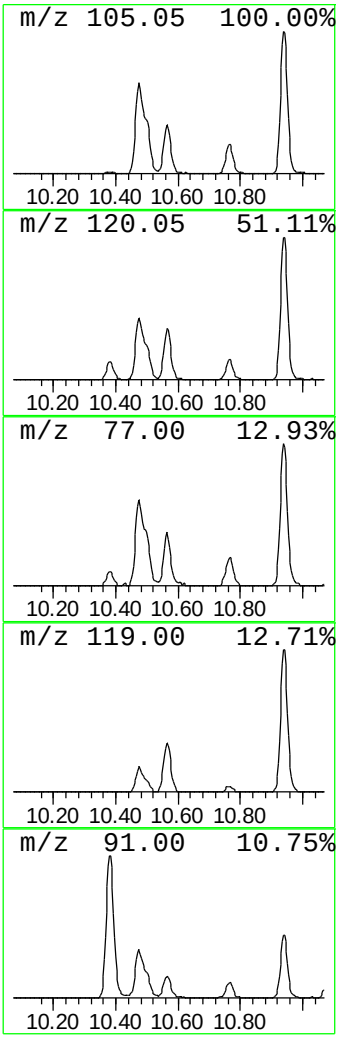
****

Peak Number 5 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.61 ug/L	78568	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

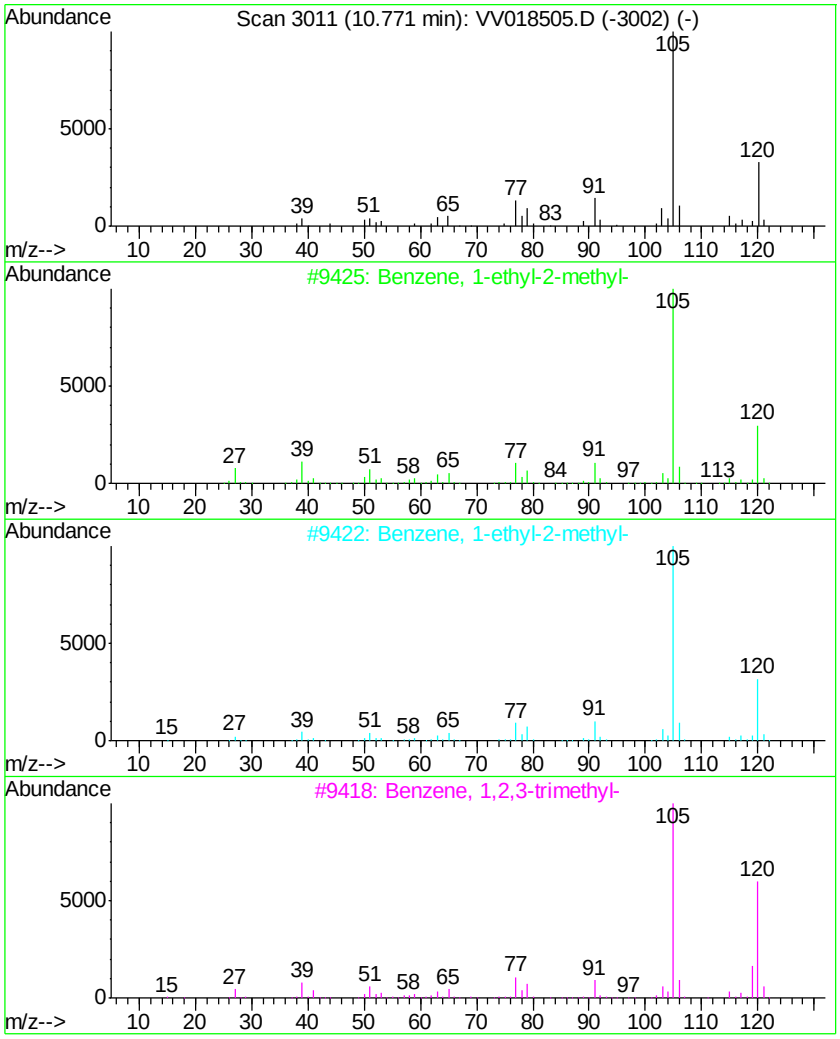
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

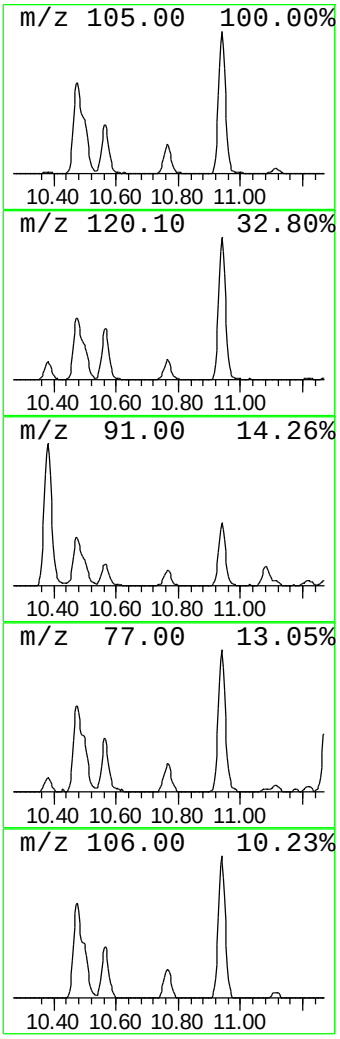
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.78 ug/L	60566	1,4-Dichlorobenzene-d4	11.28

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

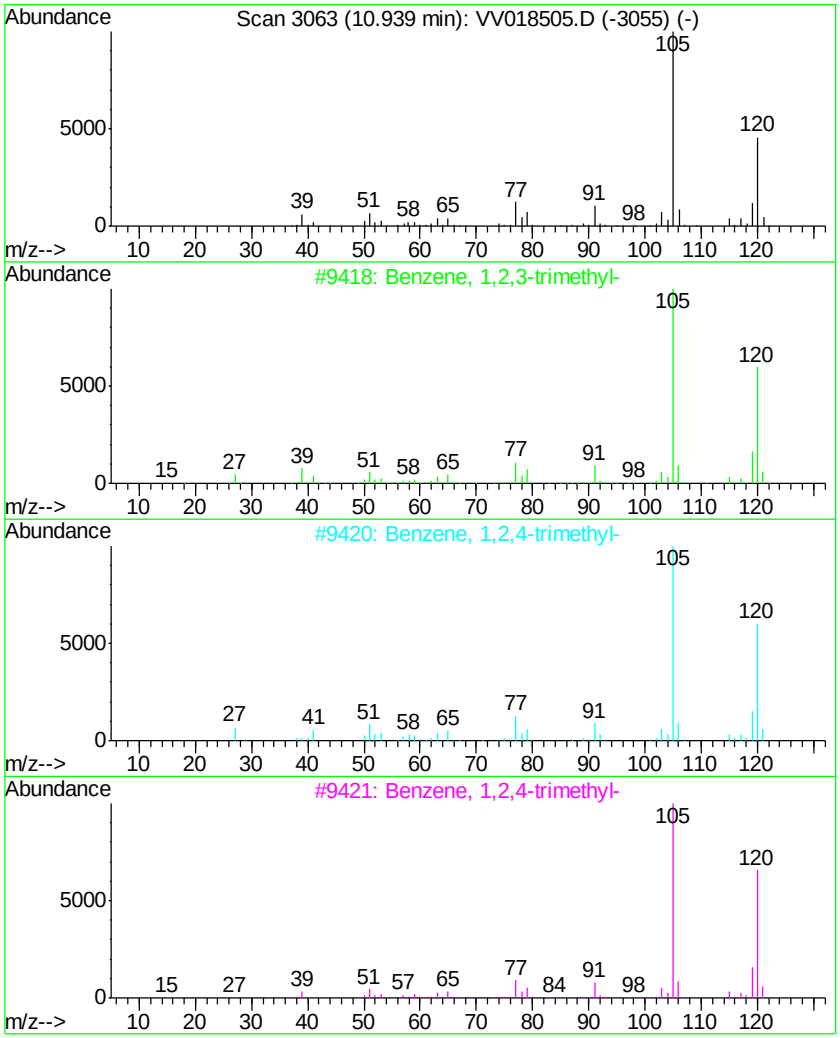
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

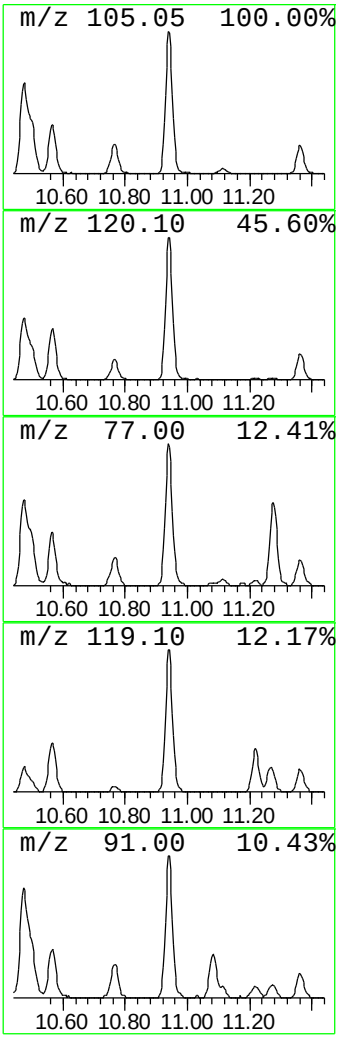
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	13.73 ug/L	299217	1,4-Dichlorobenzene-d4	11.28

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





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Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

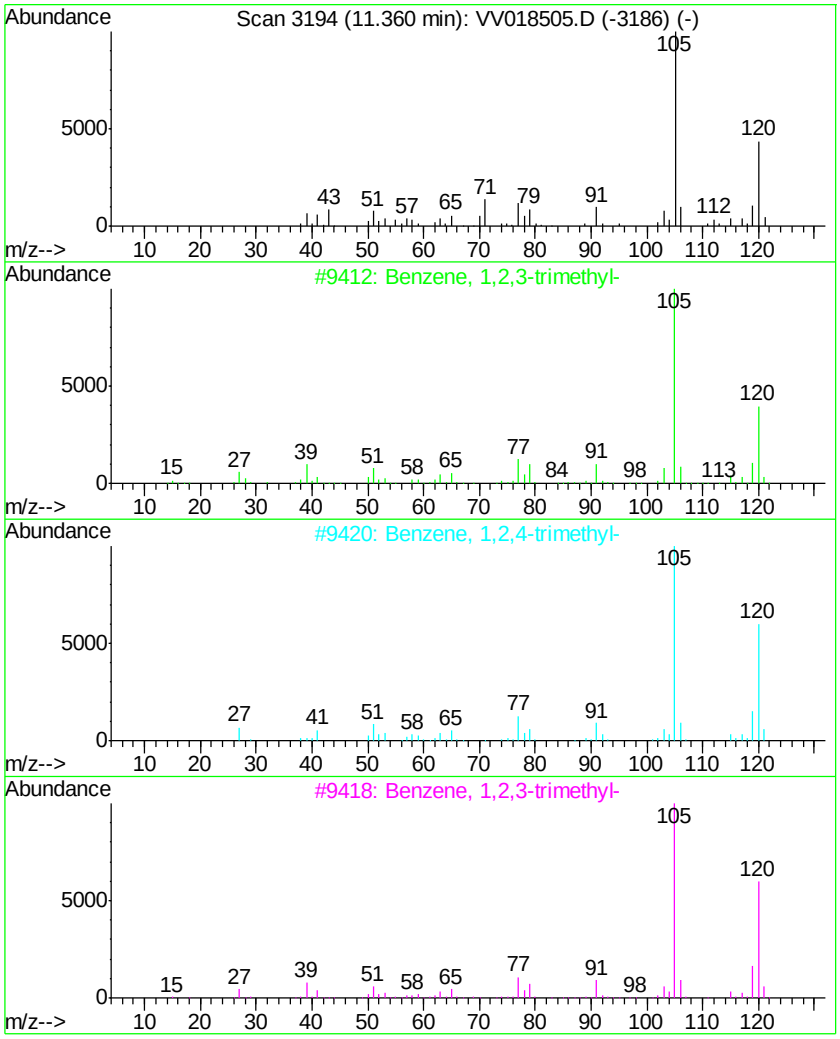
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

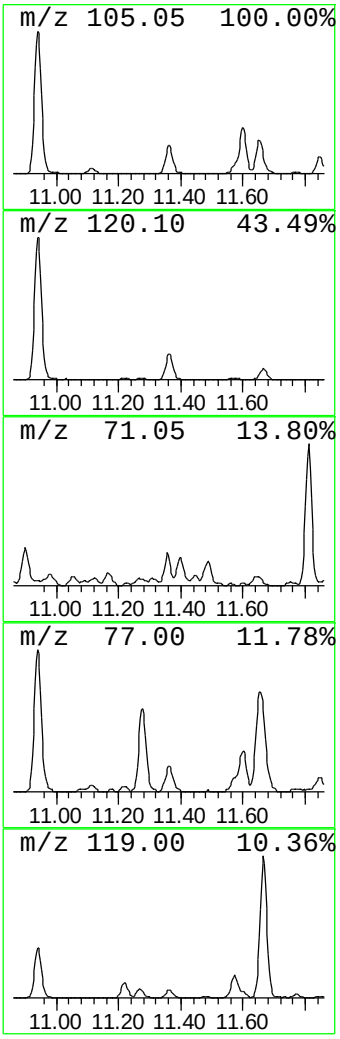
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.72 ug/L	59300	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

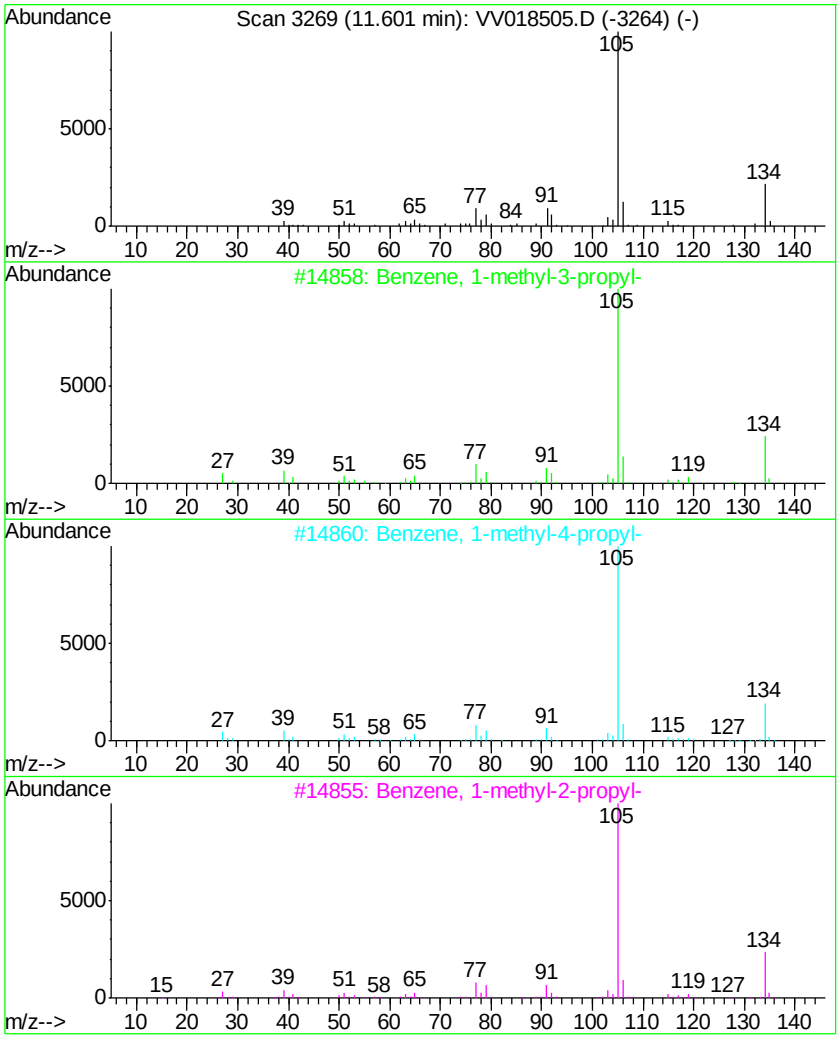
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

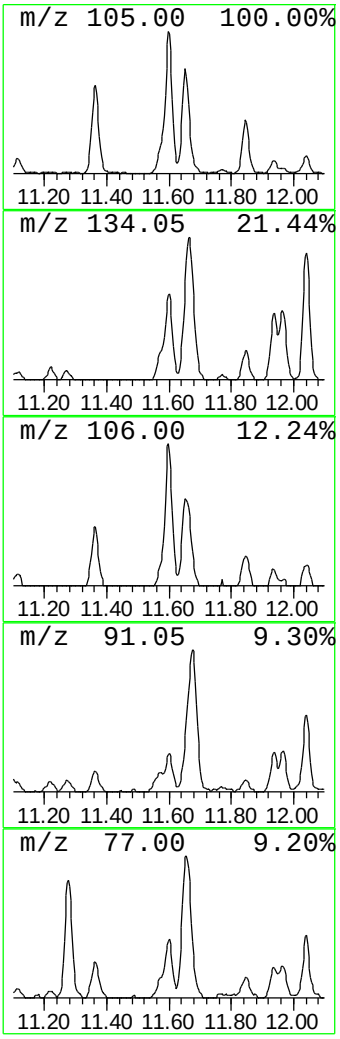
****

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	3.16 ug/L	68798	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83





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Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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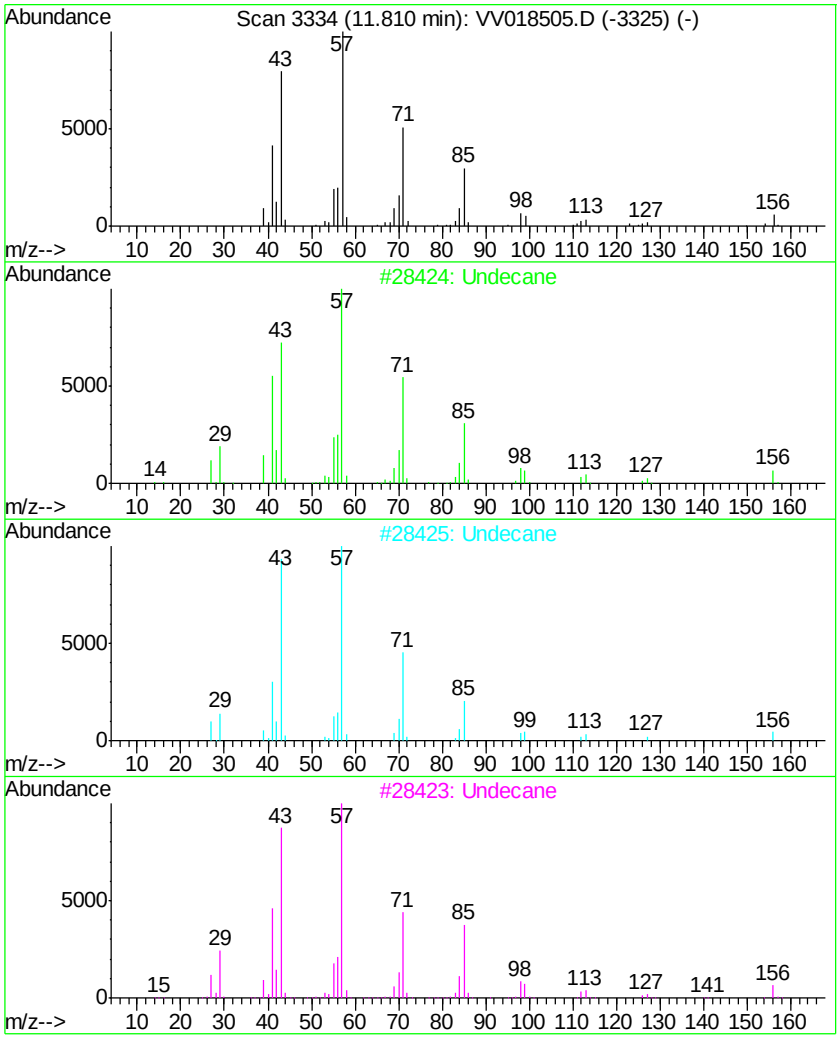
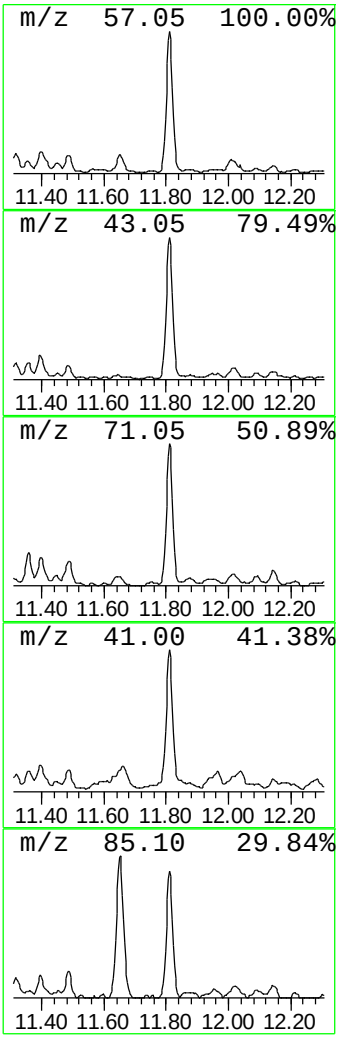
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.04 ug/L	109781	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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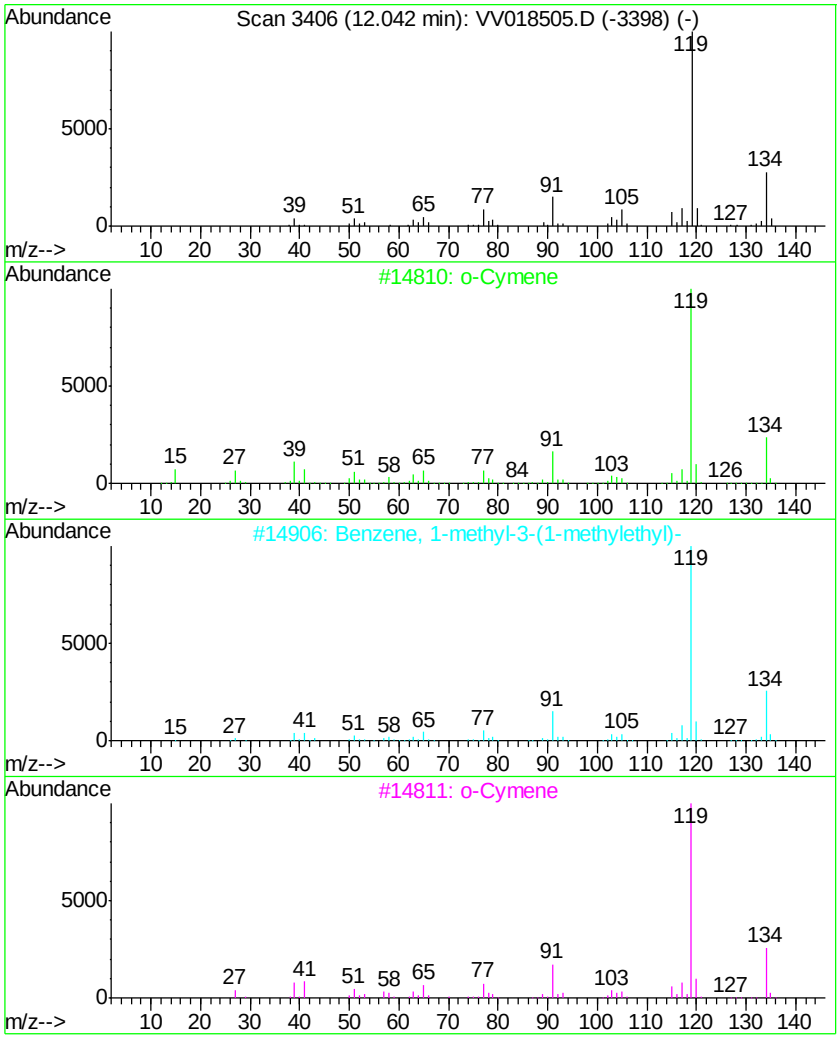
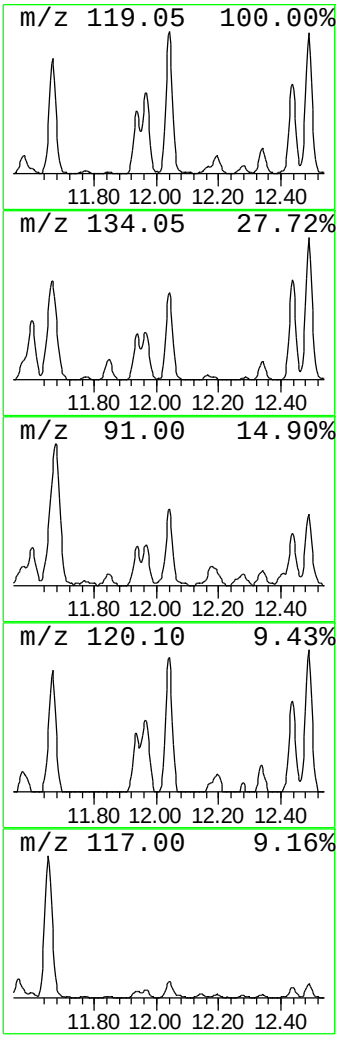
Peak Number 11 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.35 ug/L	116496	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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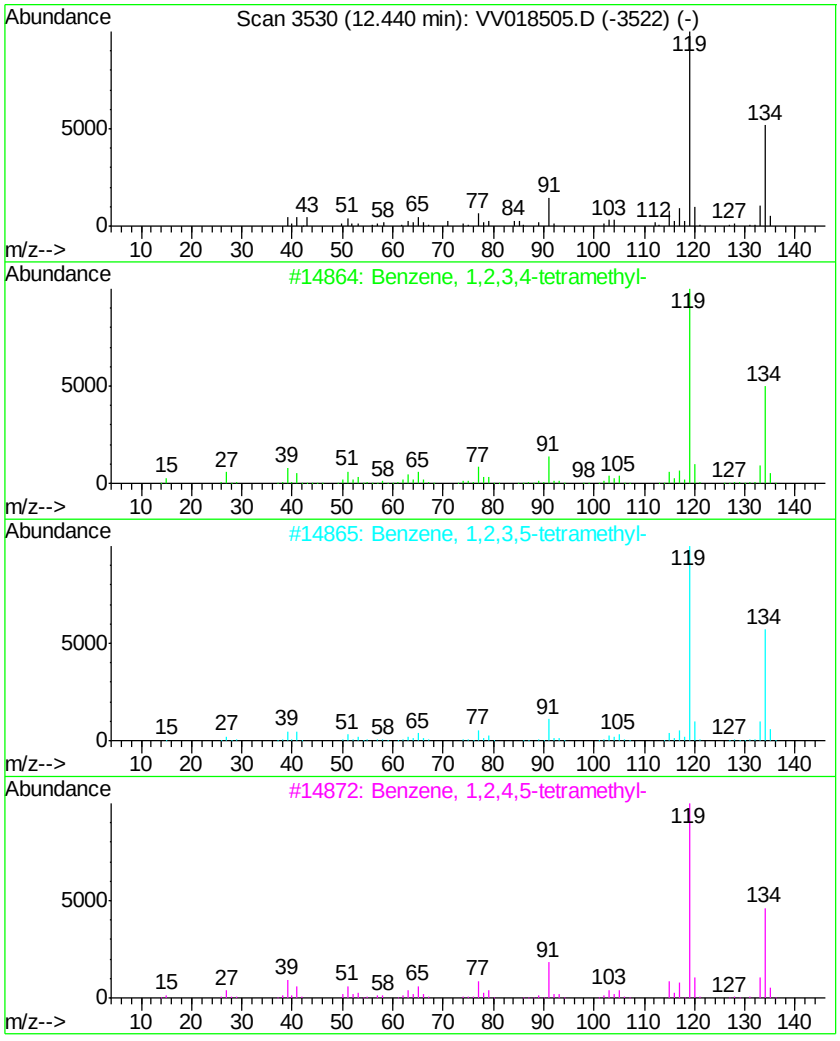
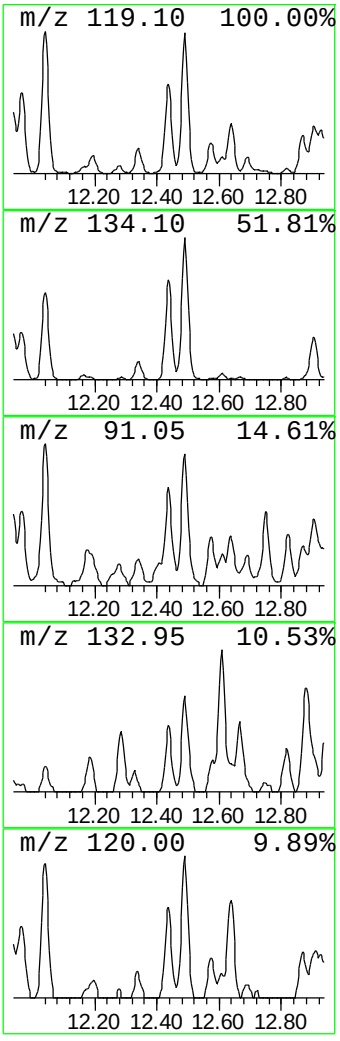
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.31 ug/L	72022	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

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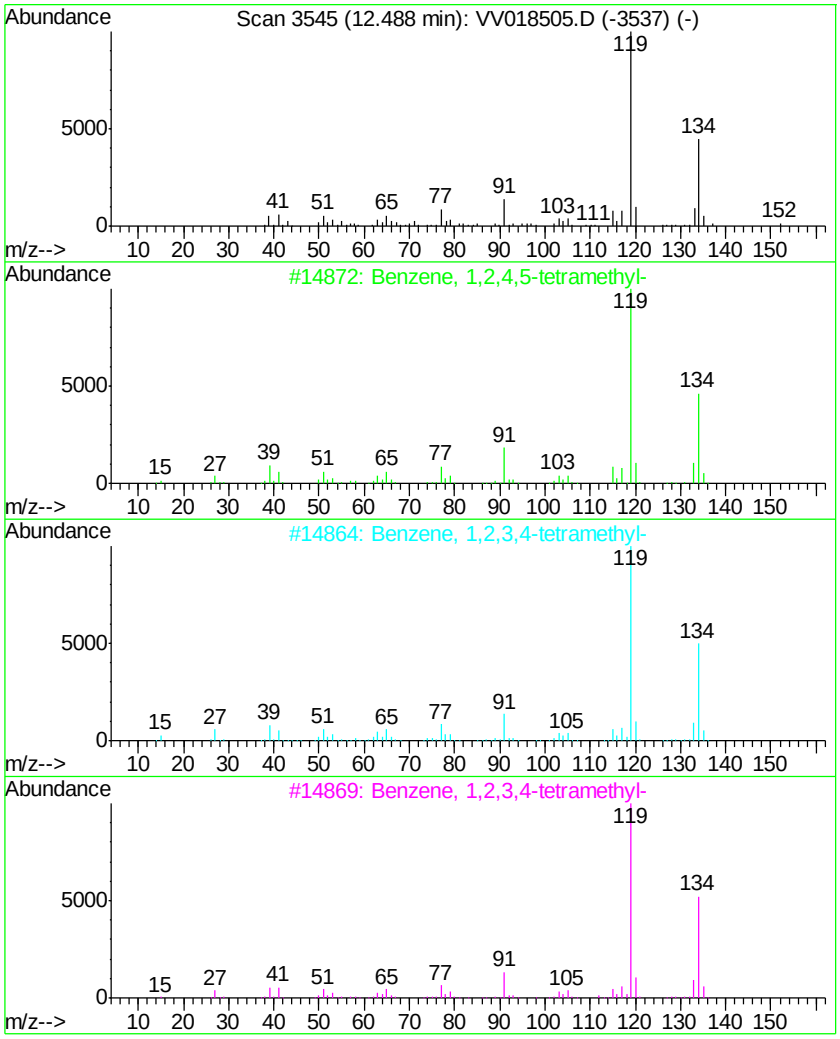
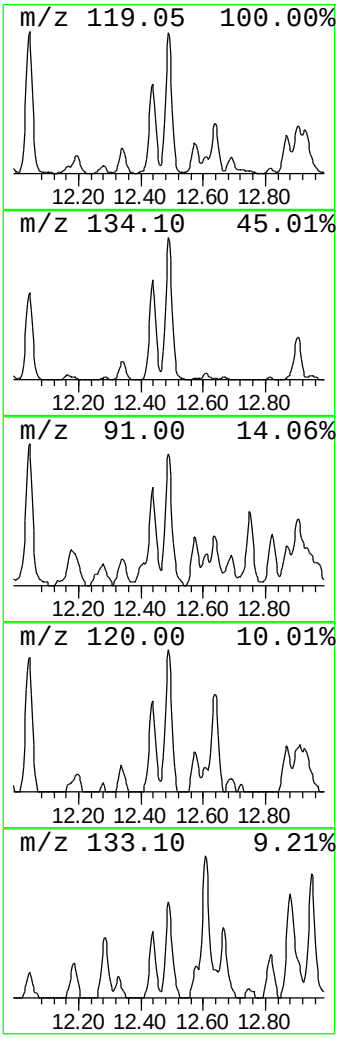
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	5.12 ug/L	111562	1,4-Dichlorobenzene-d4	11.28

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





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Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

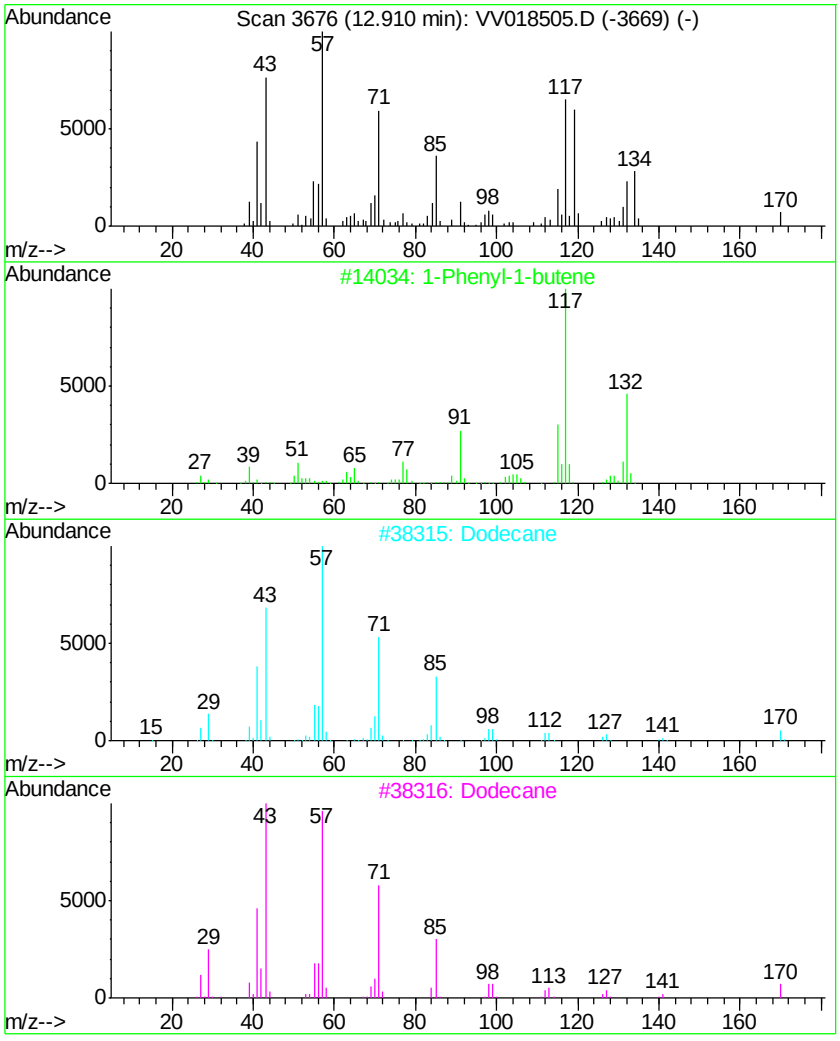
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

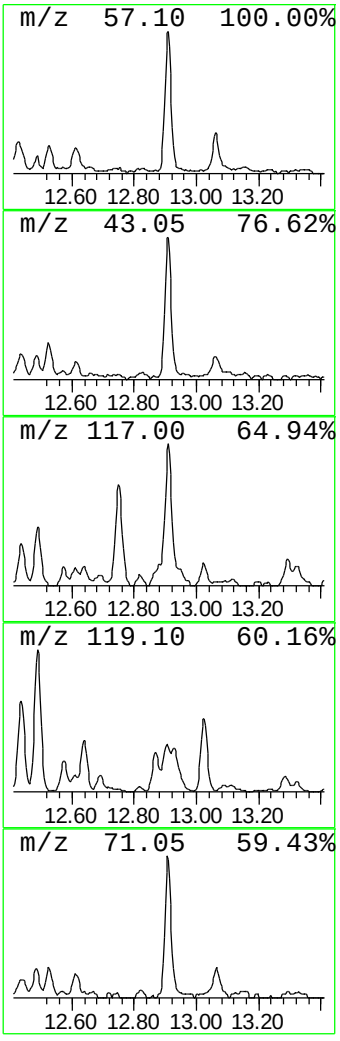
****

Peak Number 14 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	7.29 ug/L	158761	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2	Dodecane	170	C12H26	000112-40-3	64
3	Dodecane	170	C12H26	000112-40-3	47
4	Dodecane	170	C12H26	000112-40-3	47
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

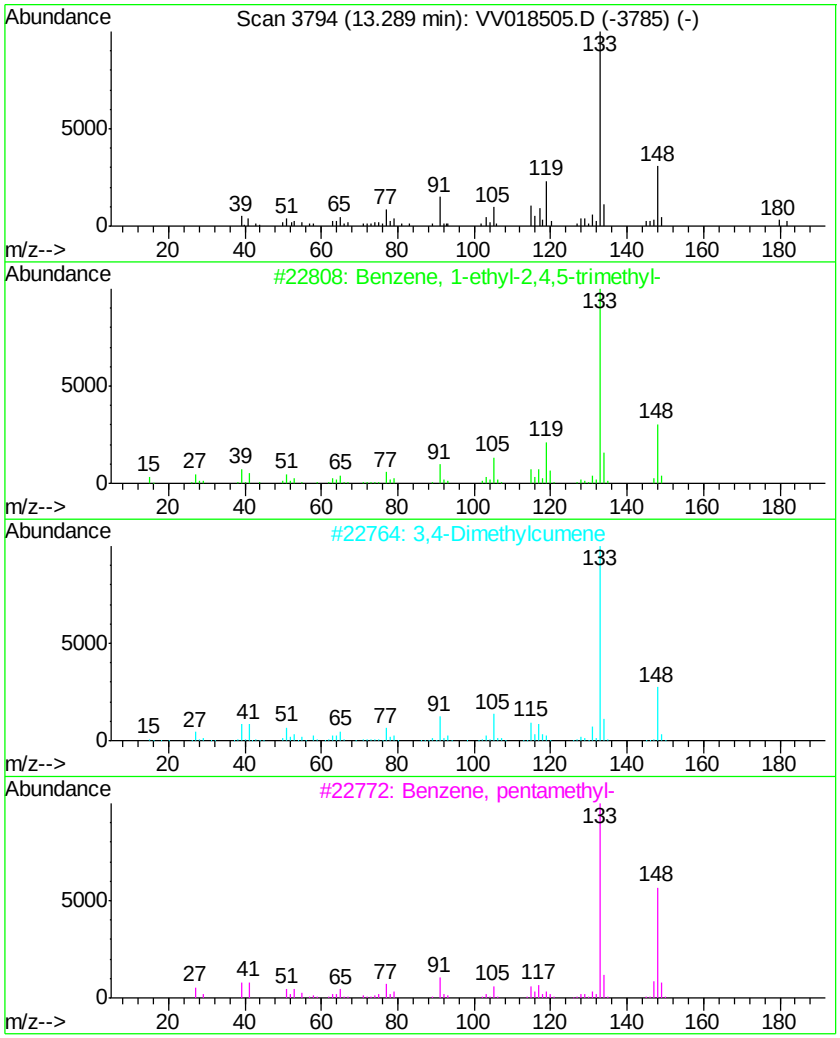
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

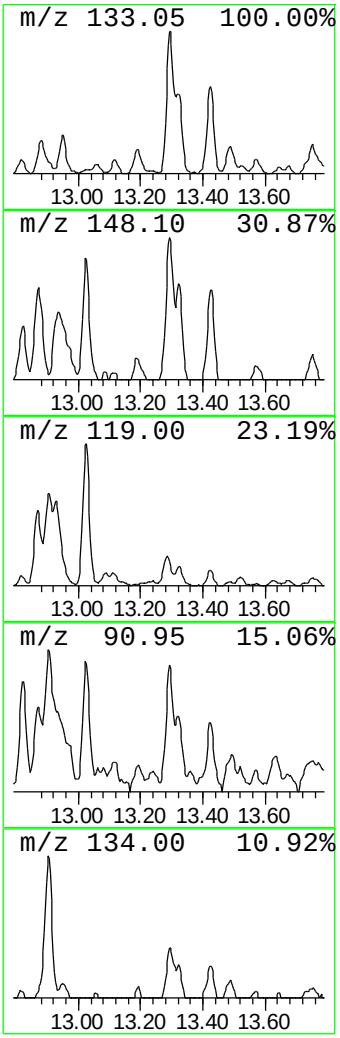
****

Peak Number 15 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.85 ug/L	62027	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	94
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

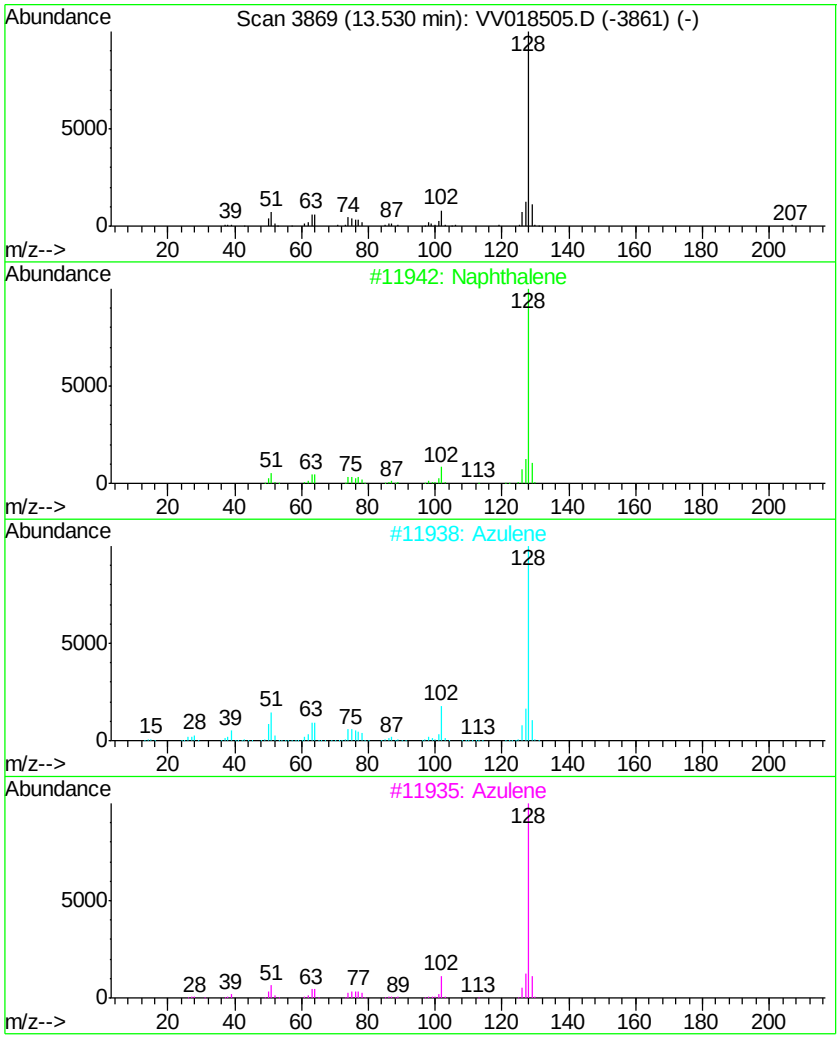
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

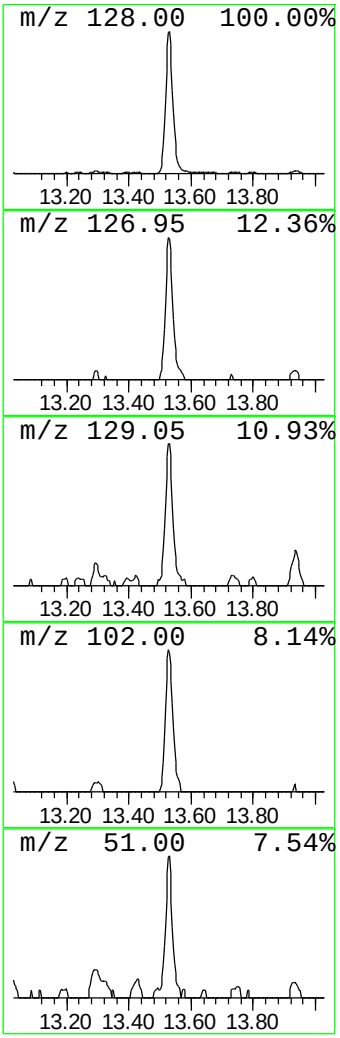
****

Peak Number 16 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.39 ug/L	73860	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018505.D
Acq On : 28 Sep 2020 19:51
Operator : SY/MD
Sample : L4109-16
Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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...	3.04	5.8	ug/L	97301	1	5.64	832337	50.0
unknown-01	5.93	2.7	ug/L	44453	1	5.64	832337	50.0
Benzene, 1-ethyl-...	10.48	11.6	ug/L	252680	3	11.28	1089440	50.0
Mesitylene	10.57	3.6	ug/L	78568	3	11.28	1089440	50.0
Benzene, 1-ethyl-...	10.77	2.8	ug/L	60566	3	11.28	1089440	50.0
Benzene, 1,2,3-tr...	10.94	13.7	ug/L	299217	3	11.28	1089440	50.0
Benzene, 1,2,4-tr...	11.36	2.7	ug/L	59300	3	11.28	1089440	50.0
Benzene, 1-methyl...	11.60	3.2	ug/L	68798	3	11.28	1089440	50.0
(DEL) Alkane: Str...	11.81	5.0	ug/L	109781	3	11.28	1089440	50.0
o-Cymene	12.04	5.3	ug/L	116496	3	11.28	1089440	50.0
Benzene, 1,2,3,4-...	12.44	3.3	ug/L	72022	3	11.28	1089440	50.0
Benzene, 1,2,4,5-...	12.49	5.1	ug/L	111562	3	11.28	1089440	50.0
1-Phenyl-1-butene	12.91	7.3	ug/L	158761	3	11.28	1089440	50.0
Benzene, 1-ethyl-...	13.29	2.9	ug/L	62027	3	11.28	1089440	50.0
Azulene	13.53	3.4	ug/L	73860	3	11.28	1089440	50.0