LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

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\SOMVLM100820WMA.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	1.316	63	70	86	rVB	226307	223584	4.09%	0.759%
2	1.576	144	151	163	rVB	194091	215930	3.95%	0.733%
3	2.123	309	321	350	rVB	371855	578797	10.58%	1.965%
4	2.377	397	400	405	rVB3	562	466	0.01%	0.002%
5	2.547	429	453	478	rBV	186486	399697	7.31%	1.357%
6	2.779	506	525	554	rBV	336225	682137	12.47%	2.316%
7	2.878	554	556	560	rVB3	782	491	0.01%	0.002%
8	2.971	571	585	591	rBV7	3288	6968	0.13%	0.024%
9	3.061	596	613	638	rBV	664810	1319298	24.13%	4.479%
10	3.171	643	647	649	rBV3	2669	2269	0.04%	0.008%
11	3.393	707	716	728	rVB5	6371	13648	0.25%	0.046%
12	3.569	760	771	776	rBV3	8302	18281	0.33%	0.062%
13	3.788	822	839	863	rVB	437571	1092511	19.98%	3.709%
14	3.936	863	885	923	rBV2	227067	815927	14.92%	2.770%
15	4.222	972	974	978	rVB4	691	470	0.01%	0.002%
16	4.373	1005	1021	1046	rVV	235197	588290	10.76%	1.997%
17	4.634	1083	1102	1115	rBV	176362	438955	8.03%	1.490%
18	5.071	1220	1238	1264	rBV2	618875	1548872	28.32%	5.259%
19	5.258	1294	1296	1301	rVB4	1069	858	0.02%	0.003%
20	5.515	1371	1376	1378	rBV2	919	716	0.01%	0.002%
21	5.640	1399	1415	1443	rBV	410737	823794	15.06%	2.797%
22	5.823	1464	1472	1475	rBV6	2220	2917	0.05%	0.010%
23	5.926	1493	1504	1527	rVB2	33575	71447	1.31%	0.243%
24	6.016	1527	1532	1535	rVB5	709	630	0.01%	0.002%
25	6.093	1540	1556	1583	rBV	343841	685020	12.53%	2.326%
26	6.675	1734	1737	1742	rBV4	752	652	0.01%	0.002%
27	6.798	1771	1775	1776	rVV2	689	549	0.01%	0.002%
28	6.804	1776	1777	1785	rVB3	1268	926	0.02%	0.003%
29	7.007	1829	1840	1863	rBV	176458	319463	5.84%	1.085%
30	7.171	1887	1891	1900	rVB5	1215	1602	0.03%	0.005%
31	7.264	1910	1920	1922	rBV6	1617	2279	0.04%	0.008%
32	7.338	1931	1943	1954	rBV	668914	1130392	20.67%	3.838%
33	7.409	1954	1965	1994	rVB	3285924	5468519	100.00%	18.566%
34	7.640	2027	2037	2060	rBV	130335	224907	4.11%	0.764%

LSC Area Percent Report

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Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

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\SOMVLM100820WMA.M
Title : VOC Analysis

35	7.884	2109	2113	2116	rBV3	603	471	0.01%	0.002%
36	8.000	2141	2149	2159	rVB4	7100	10983	0.20%	0.037%
37	8.106	2172	2182	2217	rBV2	338644	640010	11.70%	2.173%
38	8.412	2271	2277	2278	rBV2	552	478	0.01%	0.002%
39	8.489	2298	2301	2305	rBV2	550	514	0.01%	0.002%
40	8.601	2330	2336	2340	rBV3	686	598	0.01%	0.002%
41	8.637	2340	2347	2350	rBV4	661	667	0.01%	0.002%
42	8.872	2409	2420	2448	rBV	588269	953863	17.44%	3.238%
43	9.035	2461	2471	2485	rBV	89043	145664	2.66%	0.495%
44	9.158	2497	2509	2526	rBV	324045	535369	9.79%	1.818%
45	9.563	2624	2635	2657	rBV	194371	303648	5.55%	1.031%
46	9.775	2696	2701	2704	rBV6	1162	1191	0.02%	0.004%
47	9.952	2745	2756	2773	rBV2	38692	61733	1.13%	0.210%
48	10.042	2780	2784	2789	rBV4	764	533	0.01%	0.002%
49	10.109	2797	2805	2808	rBV3	467	469	0.01%	0.002%
50	10.154	2808	2819	2833	rVB4	5254	10163	0.19%	0.035%
51	10.235	2833	2844	2864	rBV	358821	564730	10.33%	1.917%
52	10.373	2877	2887	2903	rBV	145168	219120	4.01%	0.744%
53	10.466	2905	2916	2923	rBV	623427	1028822	18.81%	3.493%
54	10.560	2935	2945	2967	rVB	314385	473369	8.66%	1.607%
55	10.714	2980	2993	3001	rVV	1489452	2213712	40.48%	7.516%
56	10.759	3002	3007	3028	rVB	270790	393224	7.19%	1.335%
57	10.936	3050	3062	3083	rVB	1033808	1530779	27.99%	5.197%
58	11.039	3085	3094	3111	rBV2	35669	64058	1.17%	0.217%
59	11.167	3129	3134	3136	rBV3	1260	1286	0.02%	0.004%
60	11.215	3140	3149	3155	rVV5	11359	17594	0.32%	0.060%
61	11.270	3155	3166	3183	rVV	673042	1031286	18.86%	3.501%
62	11.357	3183	3193	3207	rVB	251999	377379	6.90%	1.281%
63	11.473	3224	3229	3236	rBV7	1995	2538	0.05%	0.009%
64	11.550	3243	3253	3262	rBV	92065	163113	2.98%	0.554%
65	11.646	3273	3283	3302	rVB	767839	1286716	23.53%	4.369%
66	11.765	3315	3320	3328	rVB7	4035	5248	0.10%	0.018%
67	11.810	3329	3334	3336	rBV3	3021	2838	0.05%	0.010%
68	11.842	3338	3344	3354	rVB	15592	23528	0.43%	0.080%
69	11.932	3360	3372	3377	rBV	35984	54610	1.00%	0.185%
70	12.039	3394	3405	3420	rVB	63826	97935	1.79%	0.332%
71	12.141	3429	3437	3439	rBV6	4622	5428	0.10%	0.018%

LSC Area Percent Report

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Sample : L4239-09 80X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Title : VOC Analysis

72	12.257	3470	3473	3474	rBV2	1552	885	0.02%	0.003%
73	12.338	3488	3498	3507	rBV2	15659	24116	0.44%	0.082%
74	12.434	3519	3528	3536	rVV	36316	52161	0.95%	0.177%
75	12.489	3536	3545	3558	rVB	56972	88198	1.61%	0.299%
76	12.569	3565	3570	3576	rBV5	3503	4589	0.08%	0.016%
77	12.608	3576	3582	3586	rBV3	3102	3547	0.06%	0.012%
78	12.749	3617	3626	3638	rVB2	17701	26060	0.48%	0.088%
79	12.817	3641	3647	3652	rBV3	2472	2597	0.05%	0.009%
80	12.903	3656	3674	3696	rBV3	41815	79192	1.45%	0.269%
81	13.022	3703	3711	3720	rBV3	4674	6752	0.12%	0.023%
82	13.074	3720	3727	3730	rBV5	1404	1802	0.03%	0.006%
83	13.190	3758	3763	3769	rVB4	1205	1398	0.03%	0.005%
84	13.286	3784	3793	3813	rVV2	54976	92321	1.69%	0.313%
85	13.424	3828	3836	3845	rVB	4832	6875	0.13%	0.023%
86	13.485	3848	3855	3858	rBV4	839	1082	0.02%	0.004%
87	13.527	3858	3868	3883	rVV	69586	114421	2.09%	0.388%
88	13.617	3893	3896	3901	rVB4	638	470	0.01%	0.002%
89	13.669	3908	3912	3916	rBV2	556	462	0.01%	0.002%
90	13.733	3929	3932	3935	rBV4	1118	1053	0.02%	0.004%
91	13.768	3935	3943	3960	rVB3	18645	29527	0.54%	0.100%
92	13.932	3986	3994	4001	rVV7	3256	4116	0.08%	0.014%
93	14.019	4017	4021	4025	rBV2	507	498	0.01%	0.002%
94	14.112	4043	4050	4052	rBV4	1290	1402	0.03%	0.005%
95	14.321	4112	4115	4118	rVB2	753	494	0.01%	0.002%
96	14.665	4215	4222	4236	rVB5	1293	2602	0.05%	0.009%
97	14.846	4276	4278	4282	rBV3	658	484	0.01%	0.002%
98	15.608	4512	4515	4521	rBV3	613	610	0.01%	0.002%
99	15.762	4559	4563	4568	rVB5	967	996	0.02%	0.003%
100	15.891	4601	4603	4606	rVB2	1084	615	0.01%	0.002%

Sum of corrected areas: 29454254

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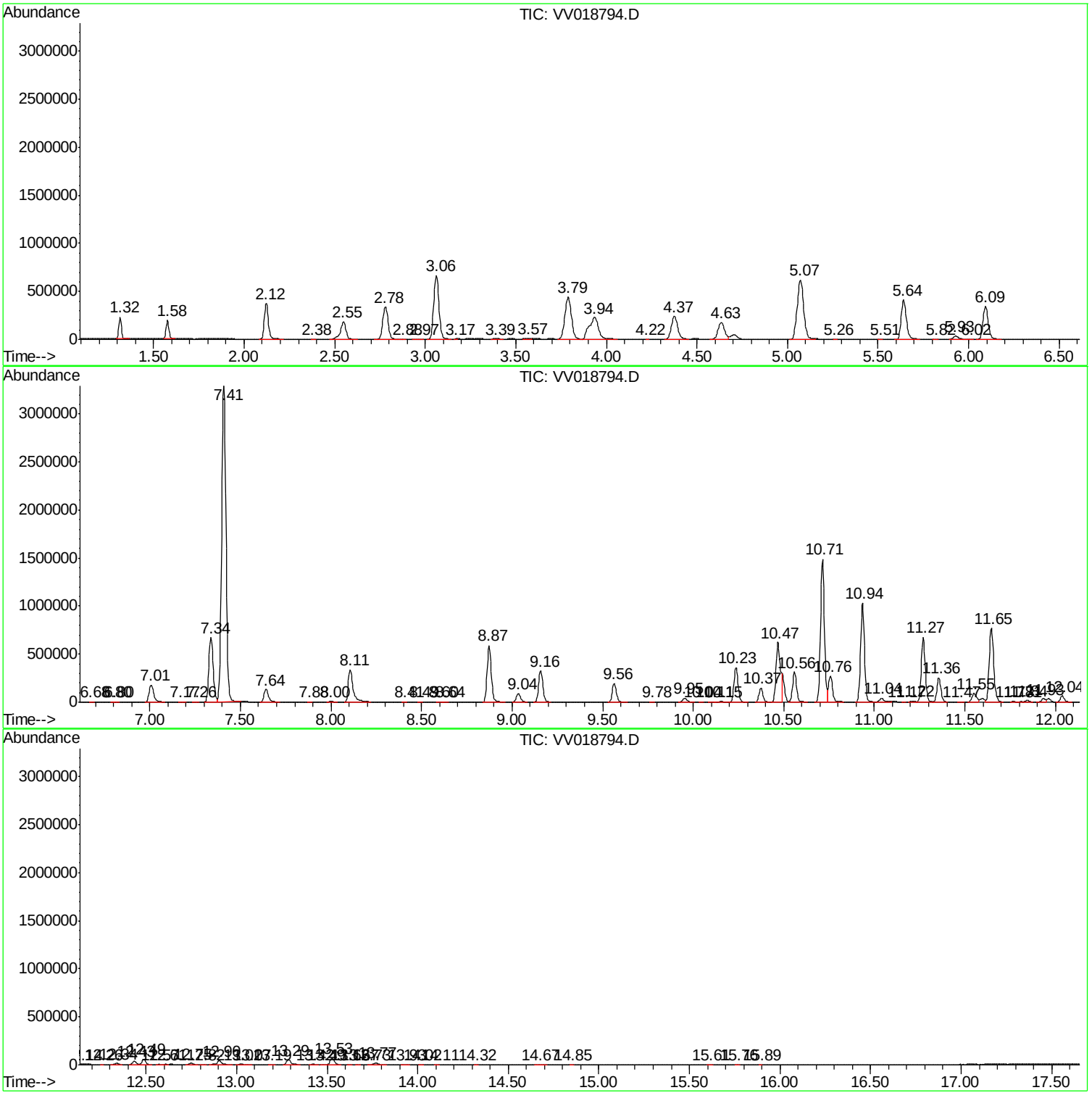
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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\VV100920\
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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : BG3P2

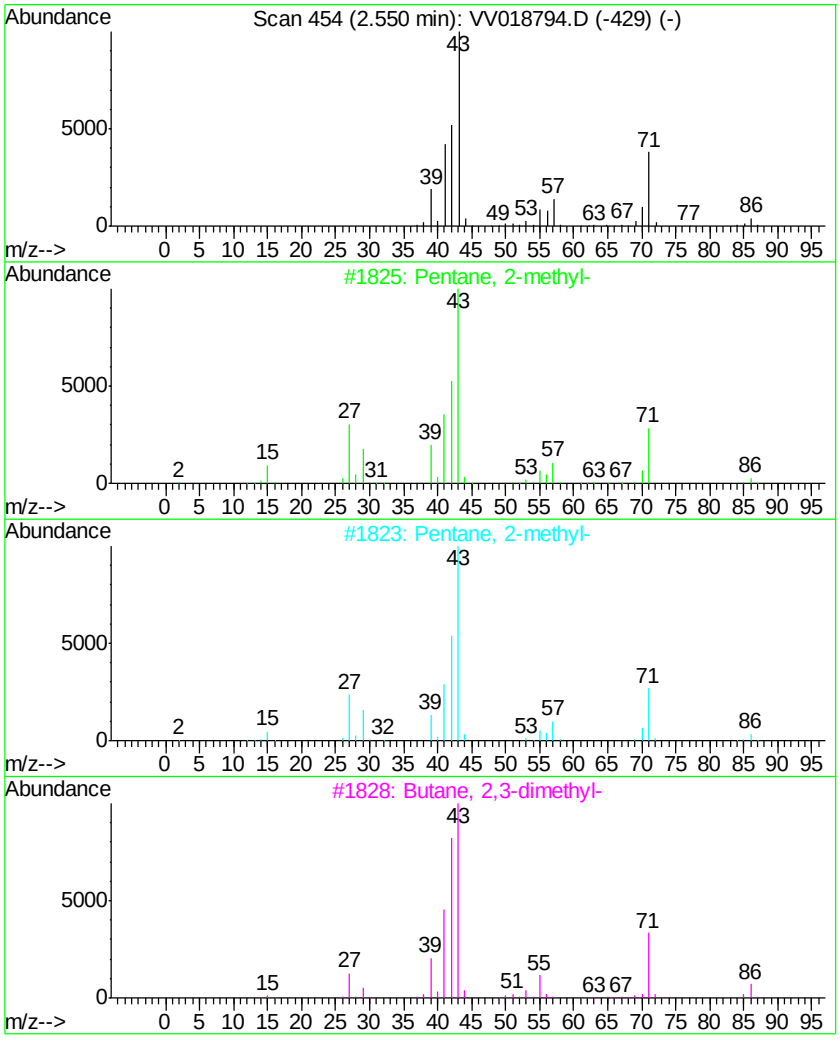
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

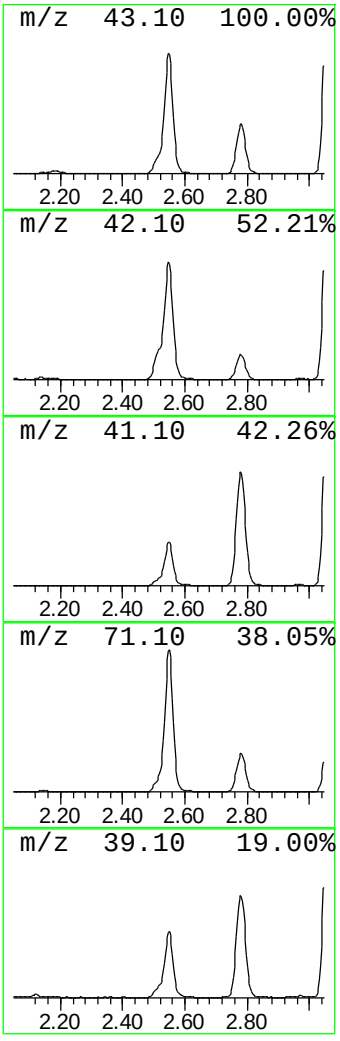
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	24.26 ug/L	399697	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

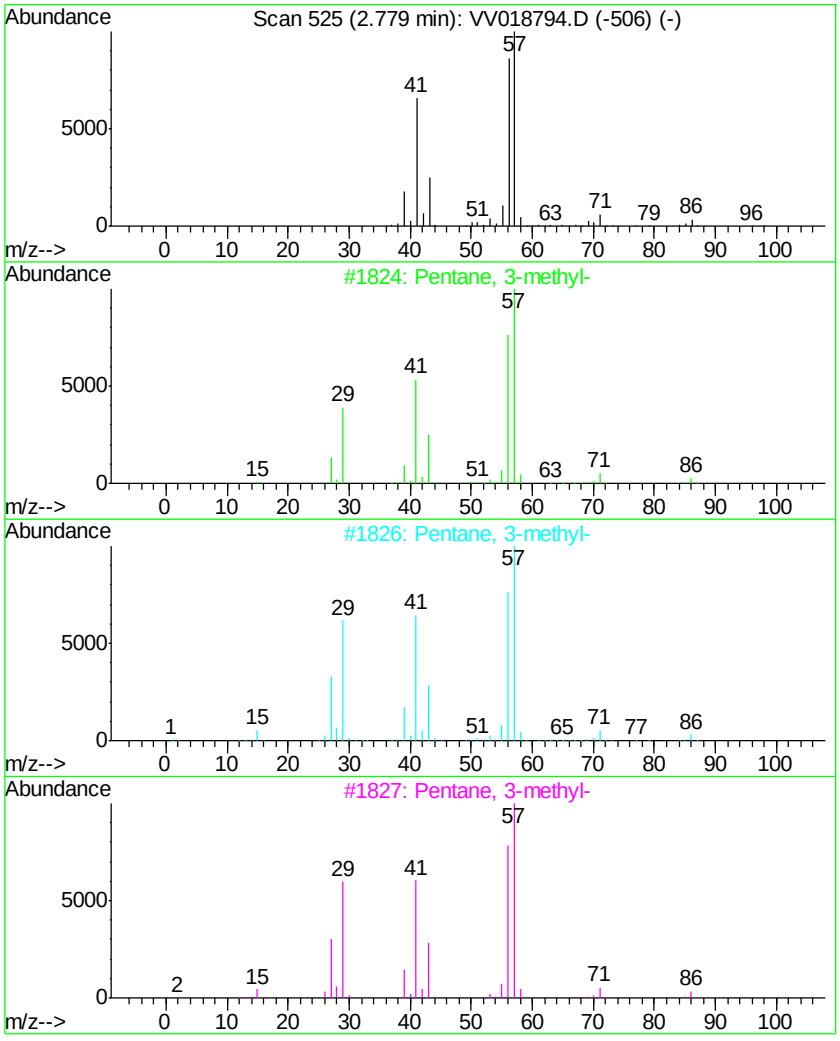
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

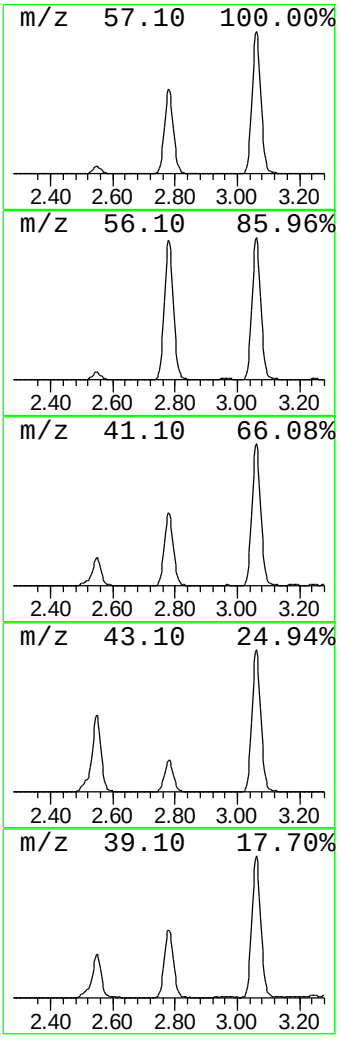
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	41.40 ug/L	682137	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
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Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

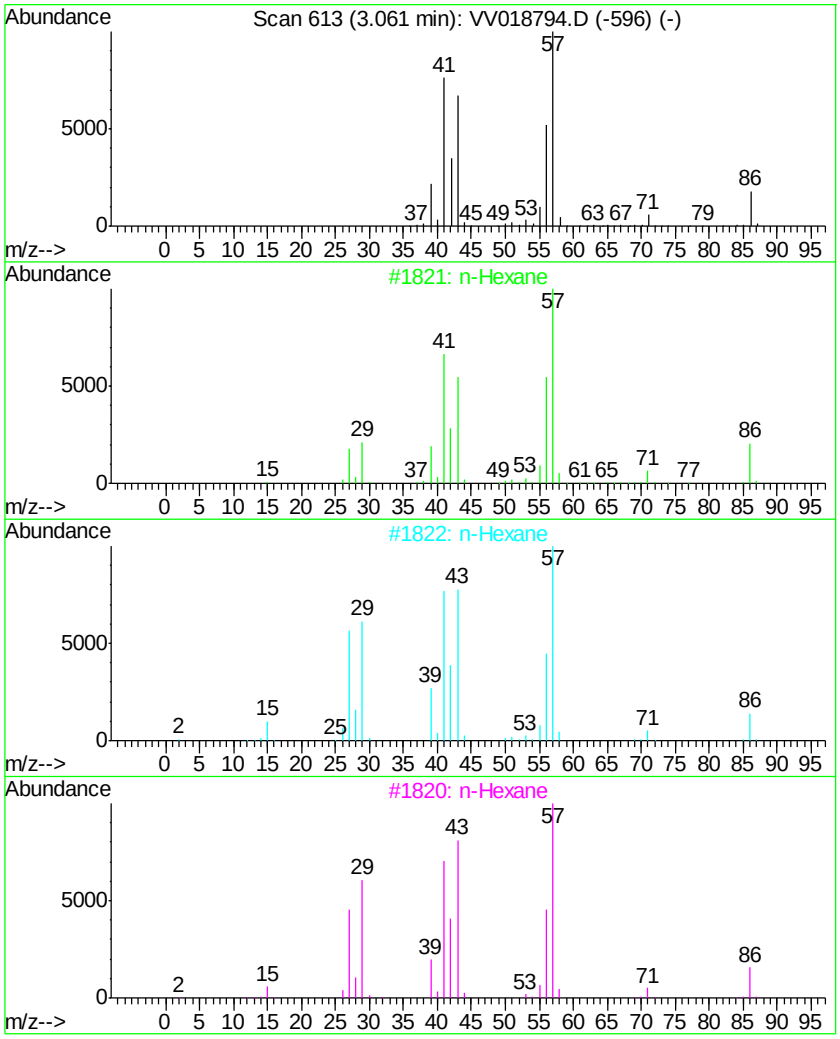
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

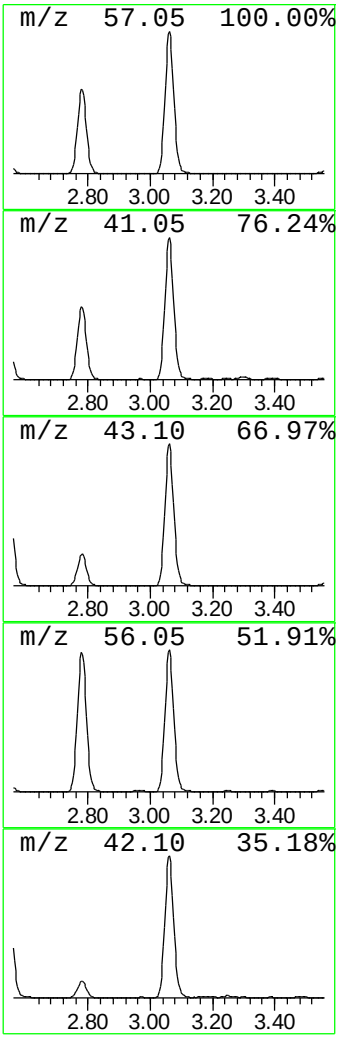
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	80.07 ug/L	1319300	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	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

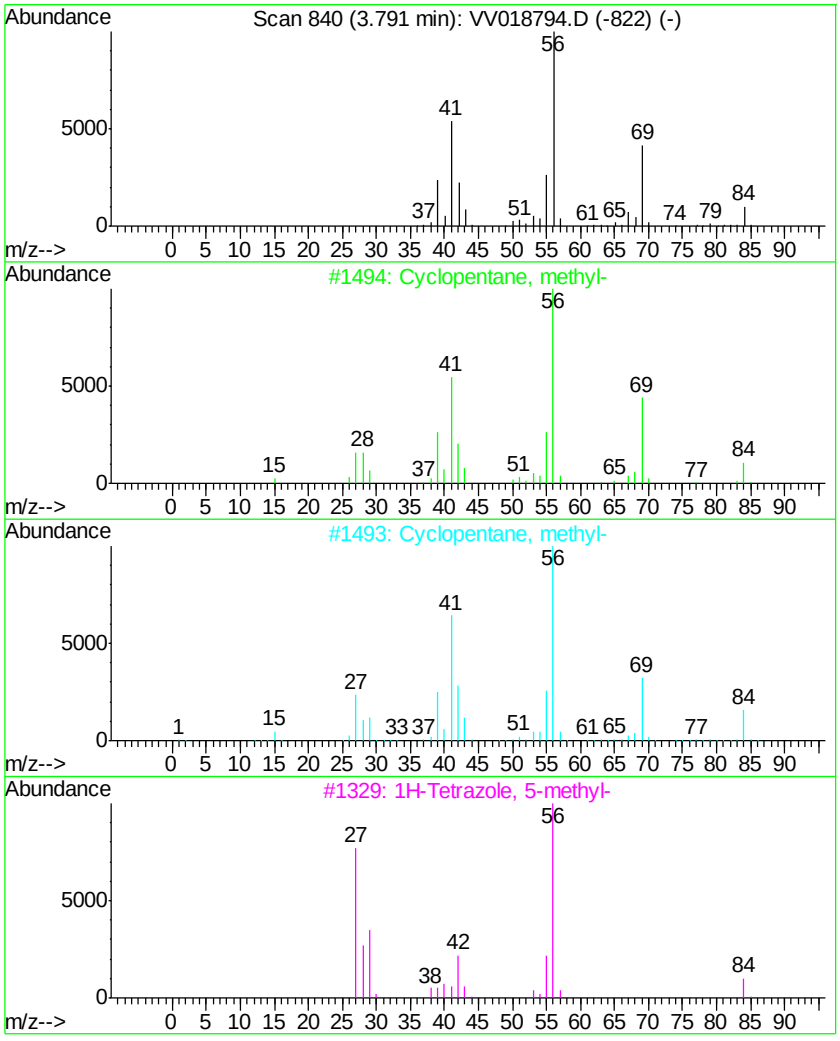
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

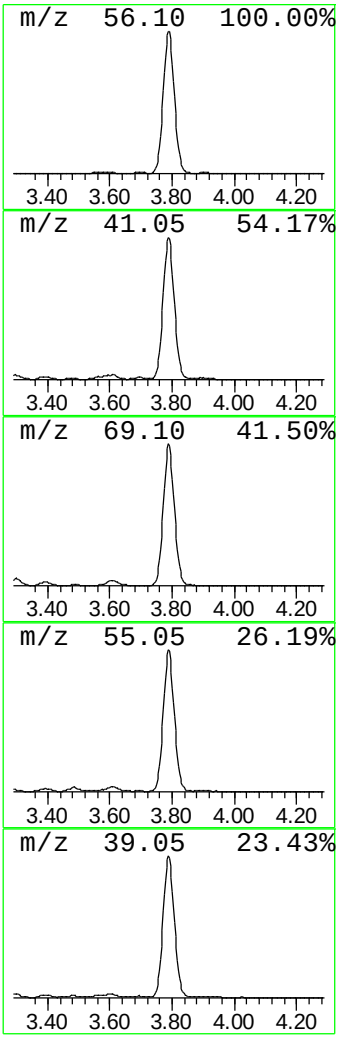
****

Peak Number 4 (DEL) Alkane: Cyclic3.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	66.31 ug/L	1092510	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	78





Library Search Compound Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

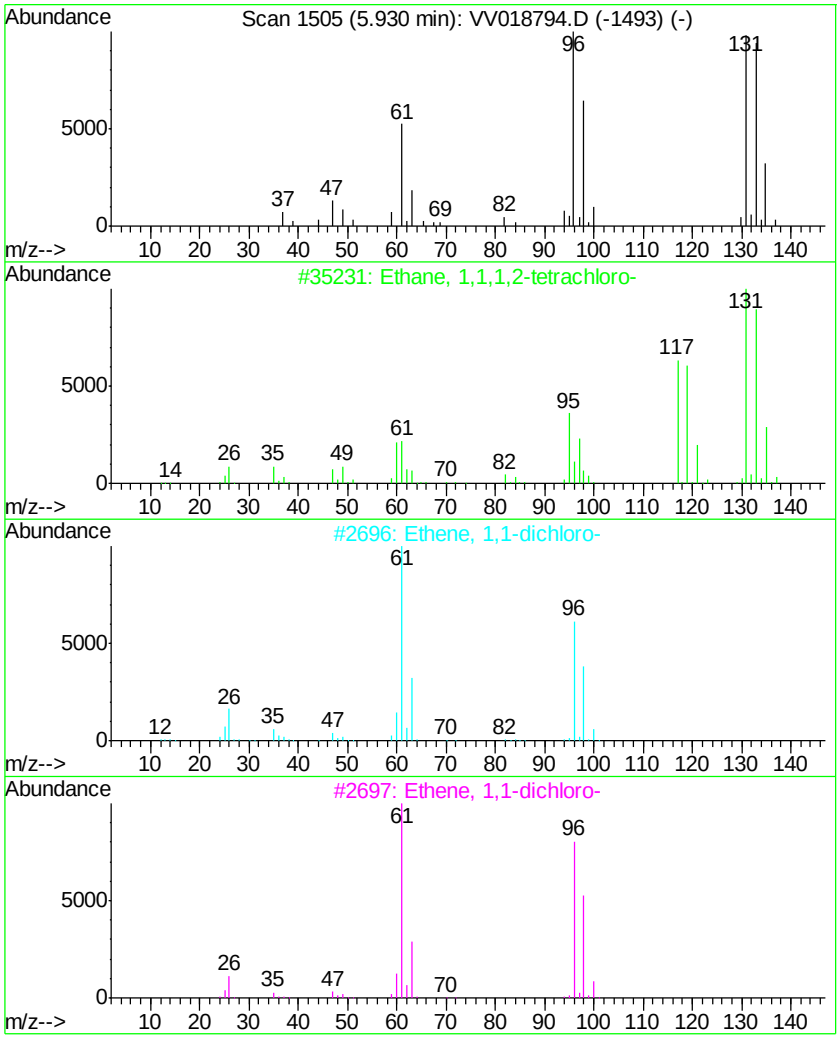
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

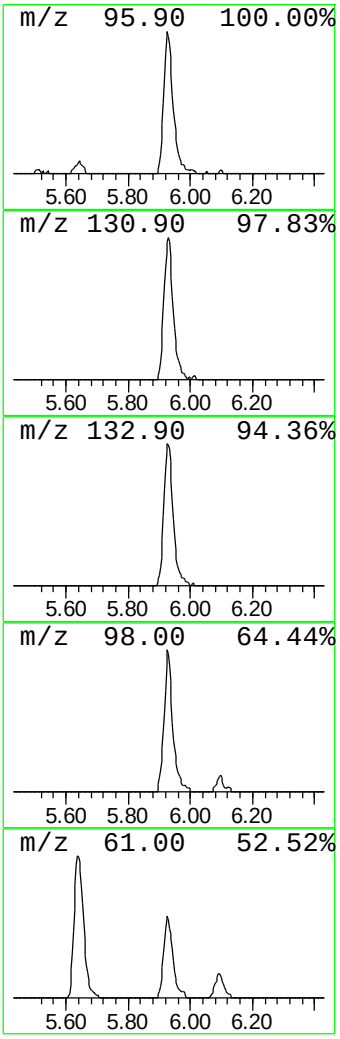
****

Peak Number 5 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.34 ug/L	71447	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
3	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

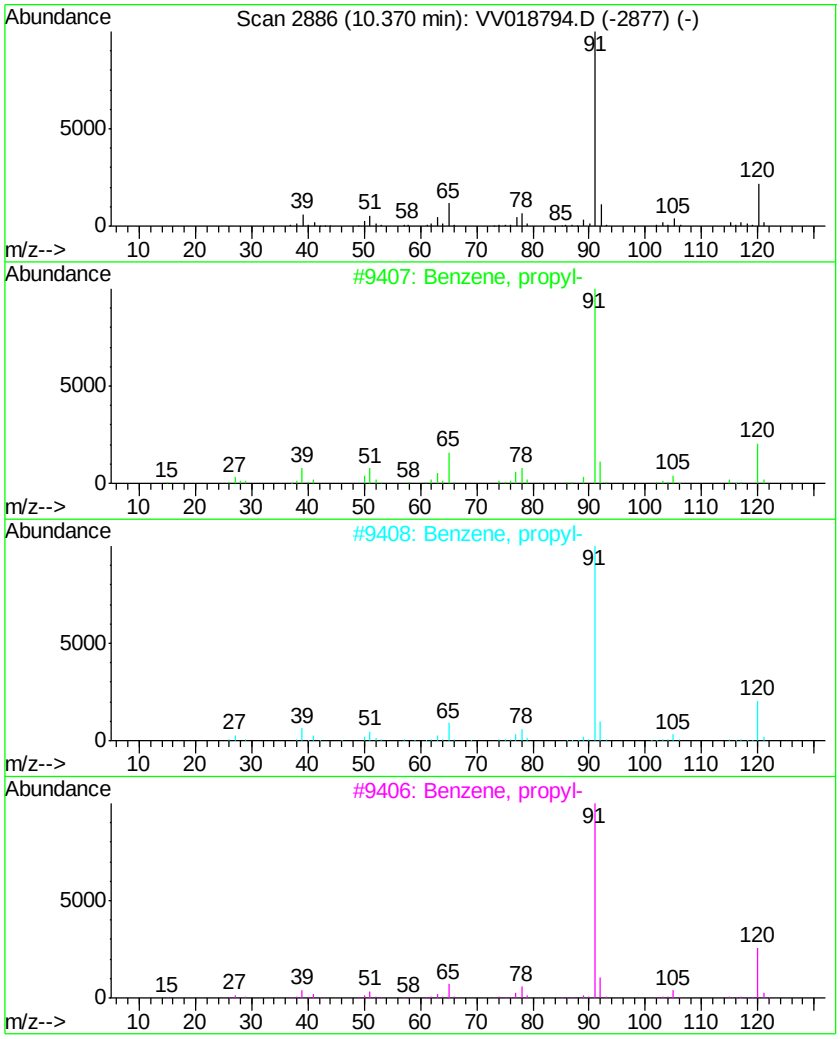
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

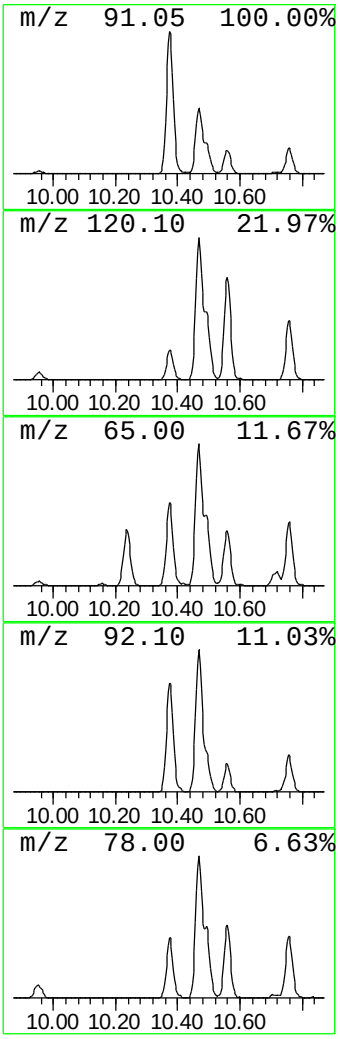
****

Peak Number 7 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	10.62 ug/L	219120	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

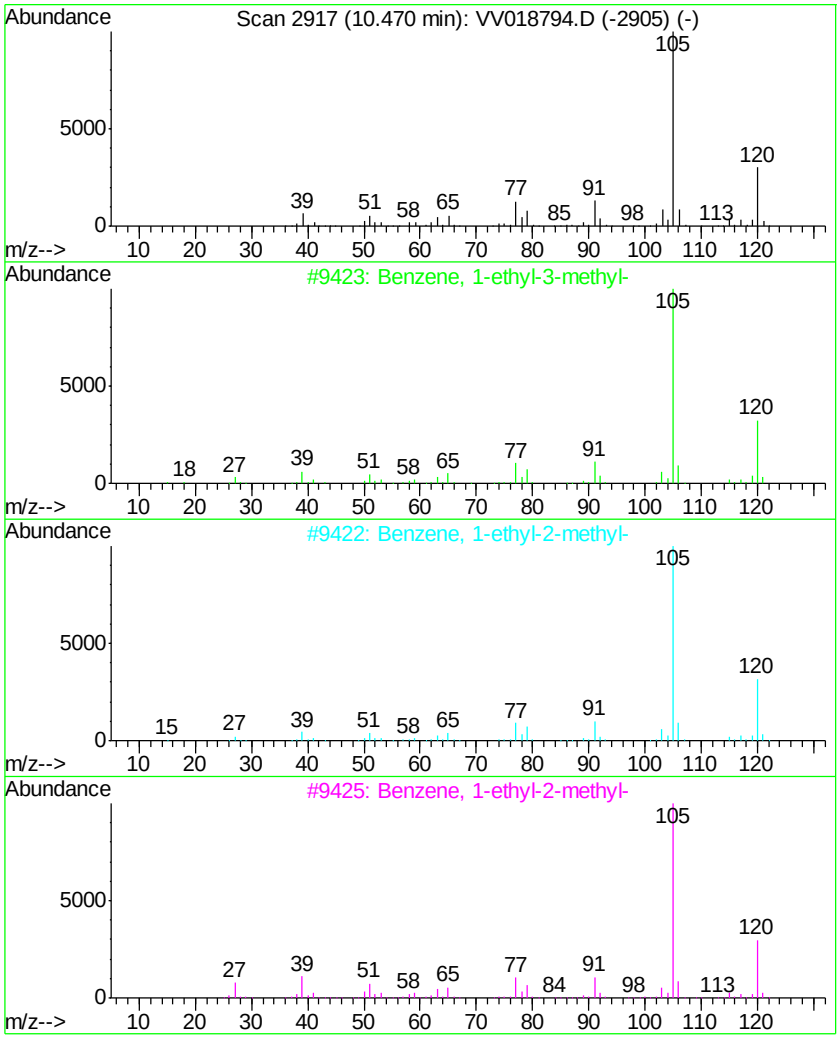
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

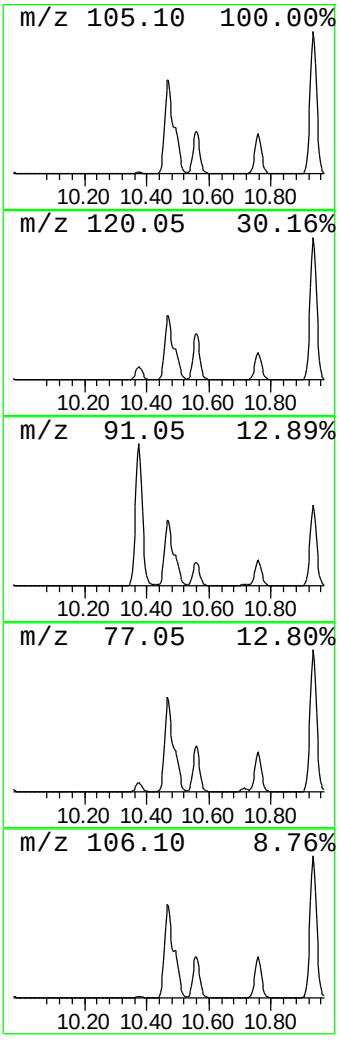
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	49.88 ug/L	1028820	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-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

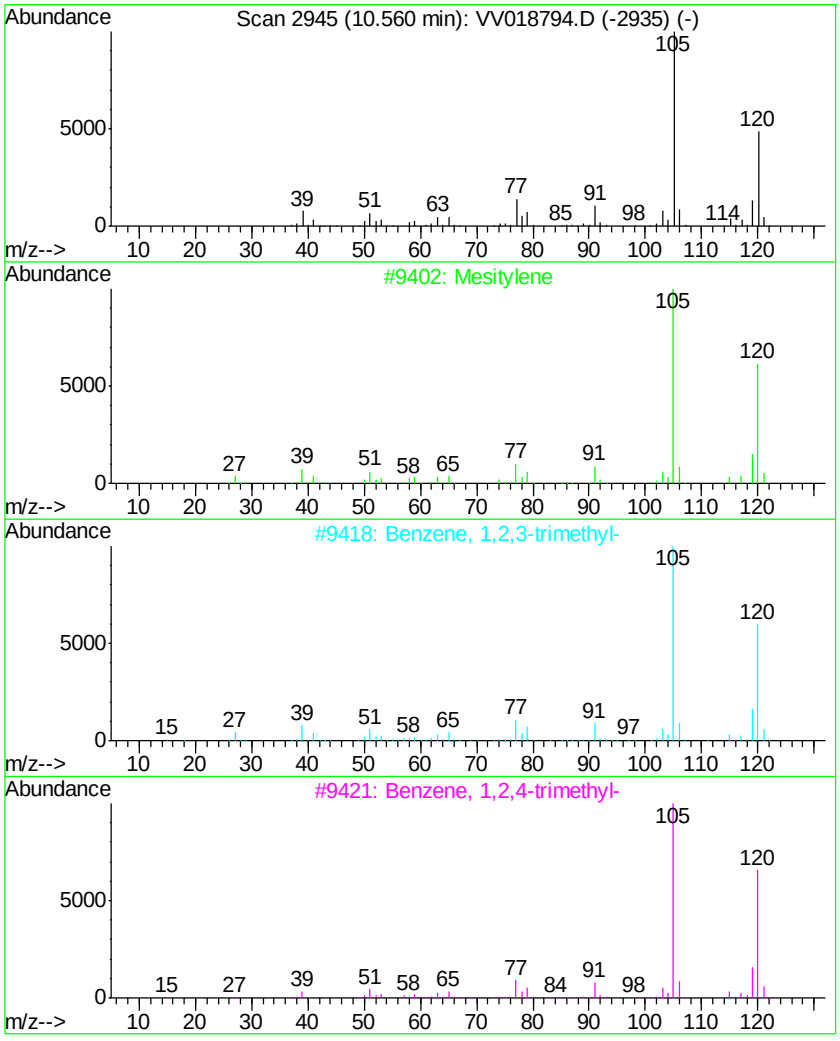
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

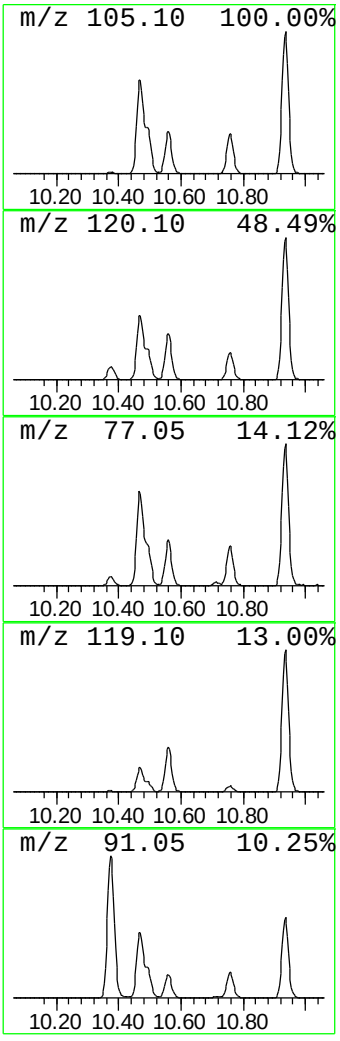
****

Peak Number 9 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	22.95 ug/L	473369	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	95
5	Mesitylene	120	C9H12	000108-67-8	95





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Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

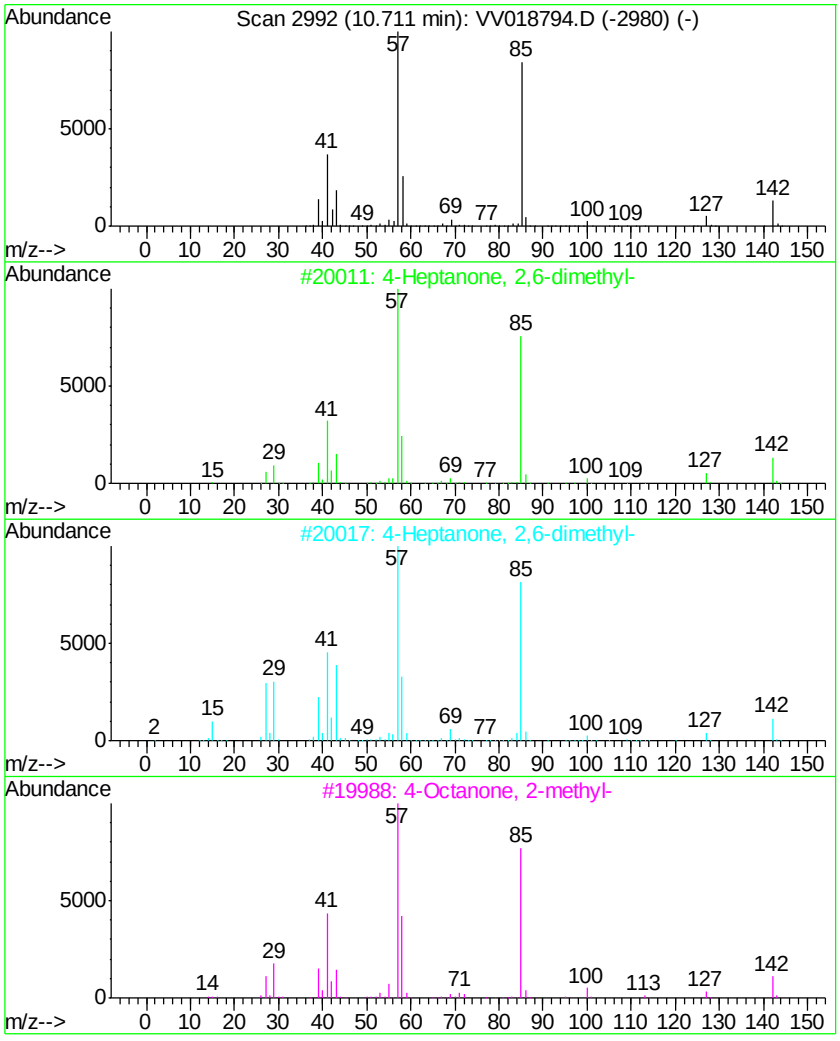
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

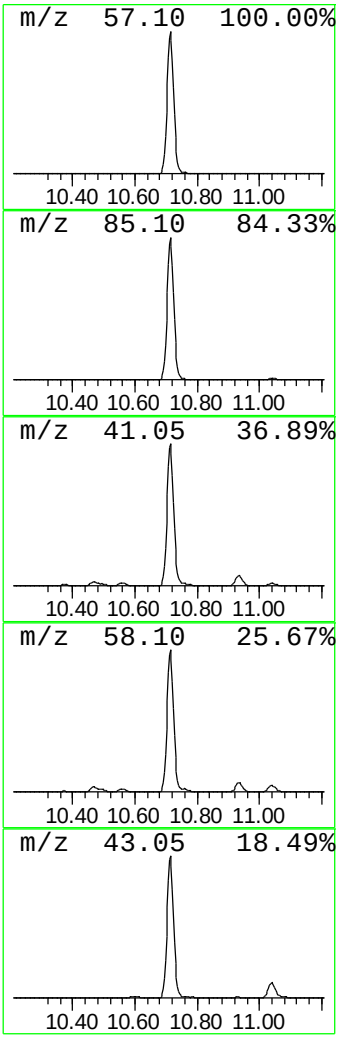
****

Peak Number 10 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	107.33 ug/L	2213710	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
5	5-Nonanone	142	C9H18O	000502-56-7	59





Library Search Compound Report

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Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

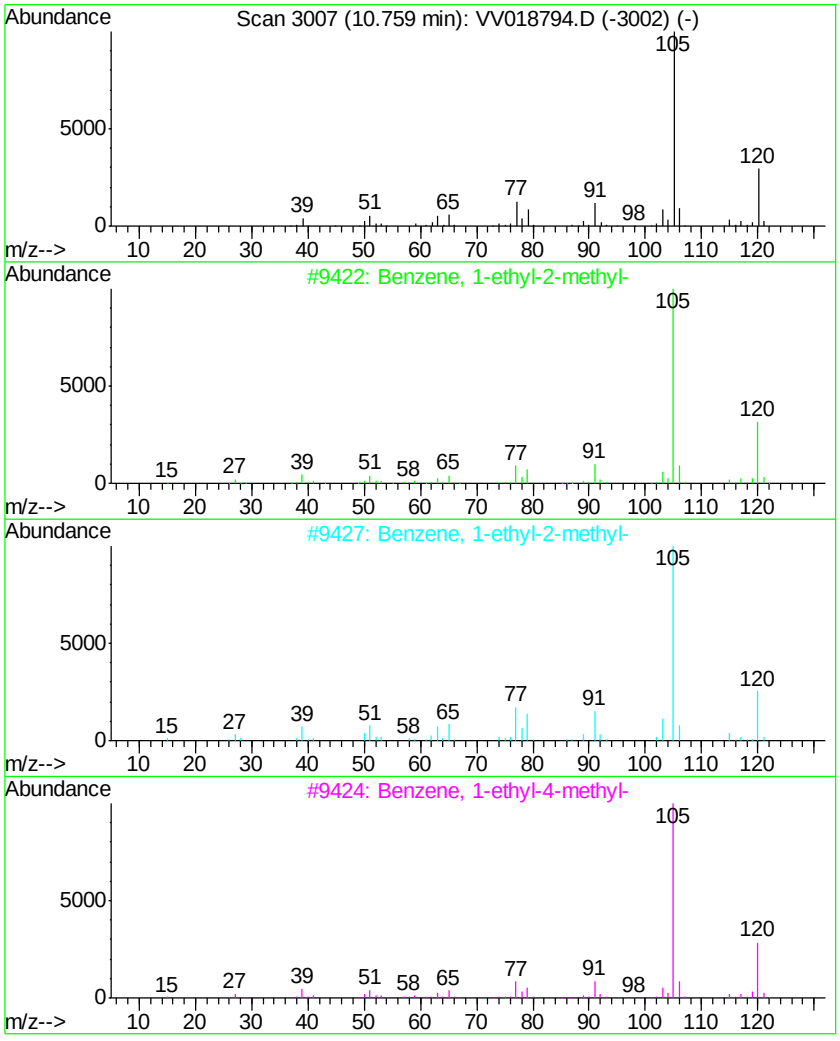
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

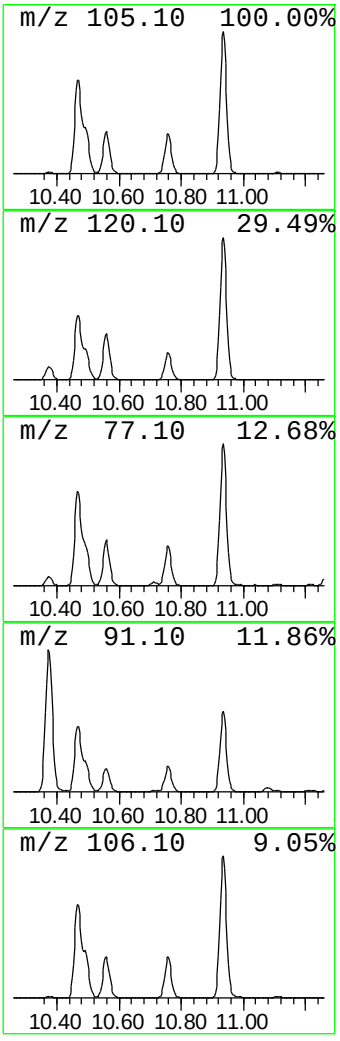
****

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	19.06 ug/L	393224	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

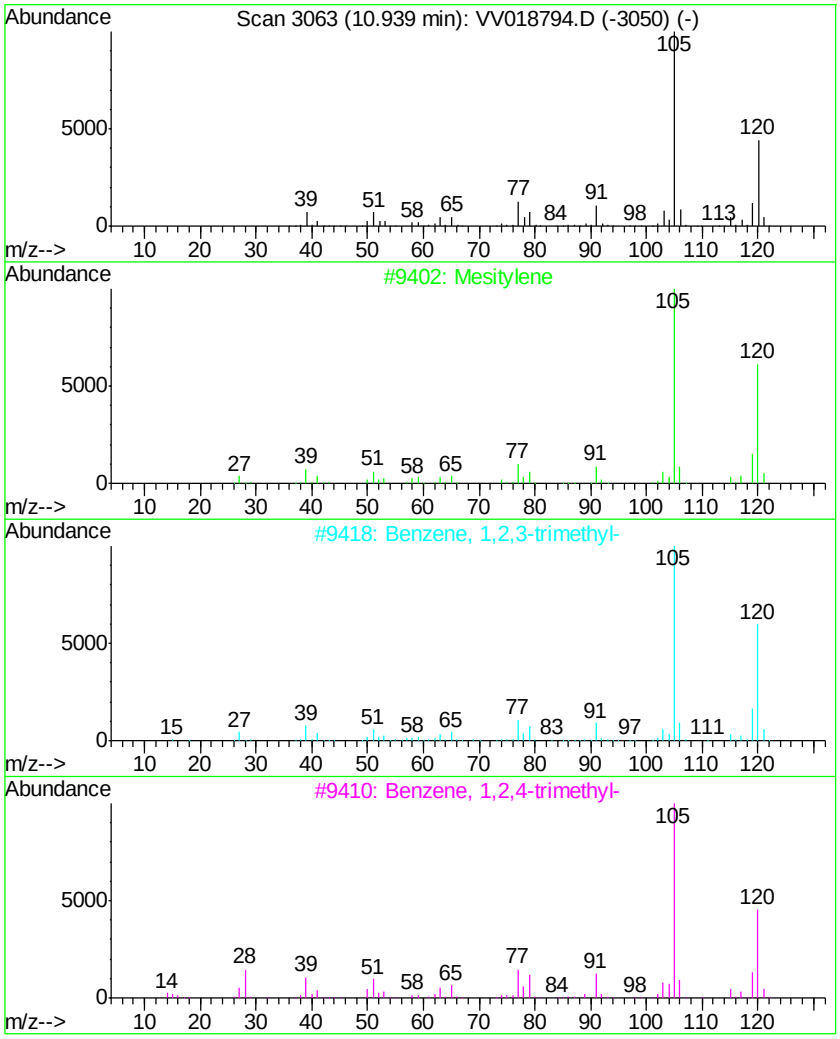
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

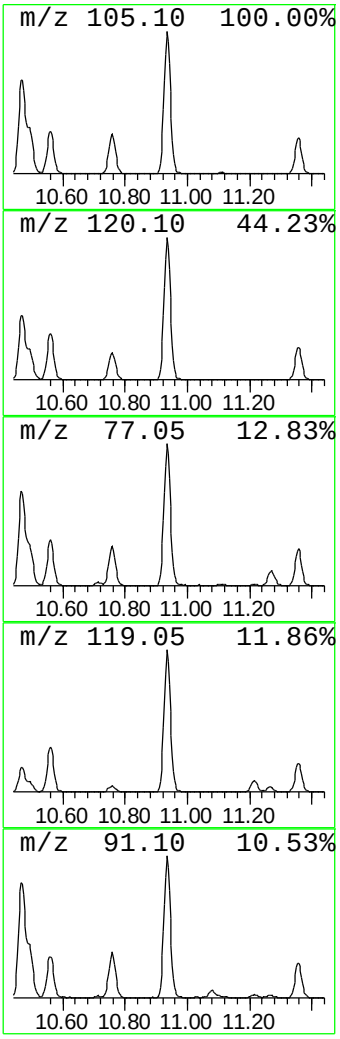
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	74.22 ug/L	1530780	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	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

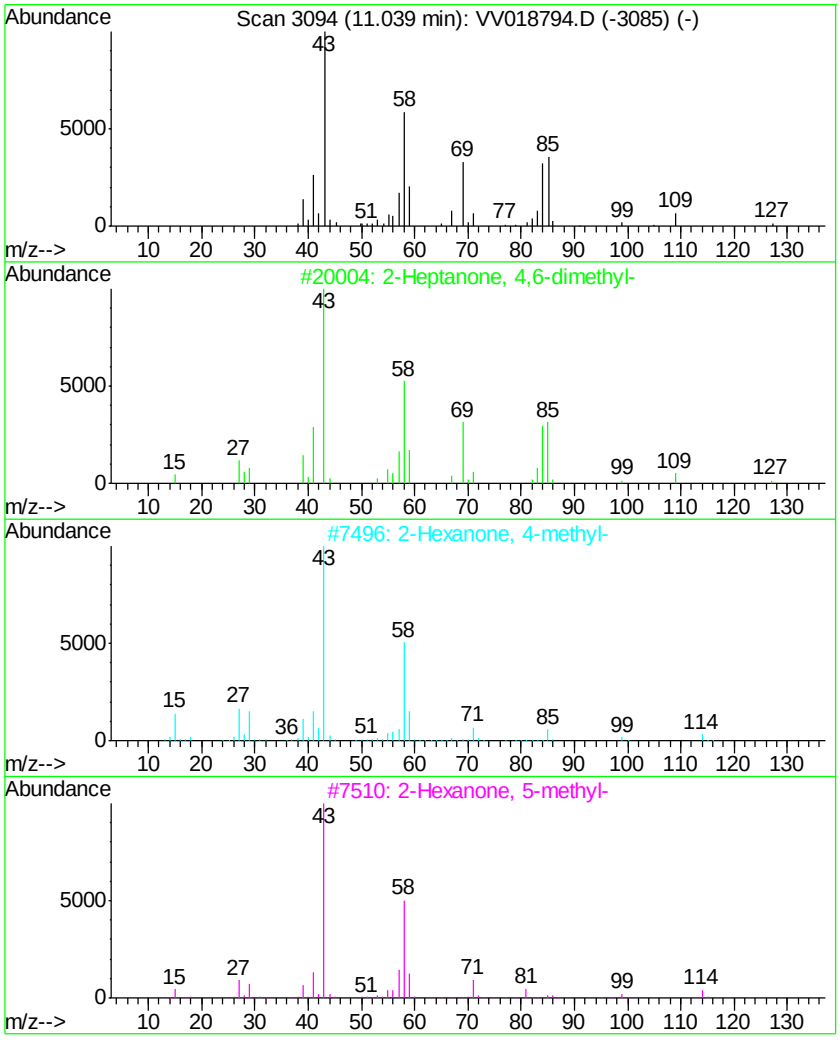
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

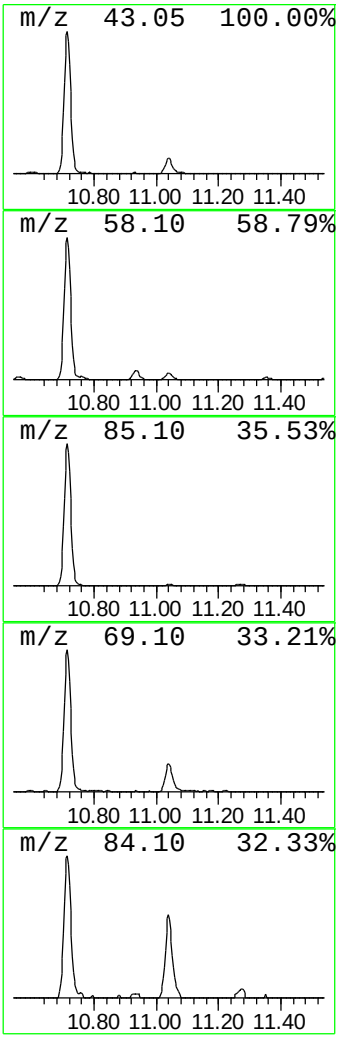
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Heptanone, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.11 ug/L	64058	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	43





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Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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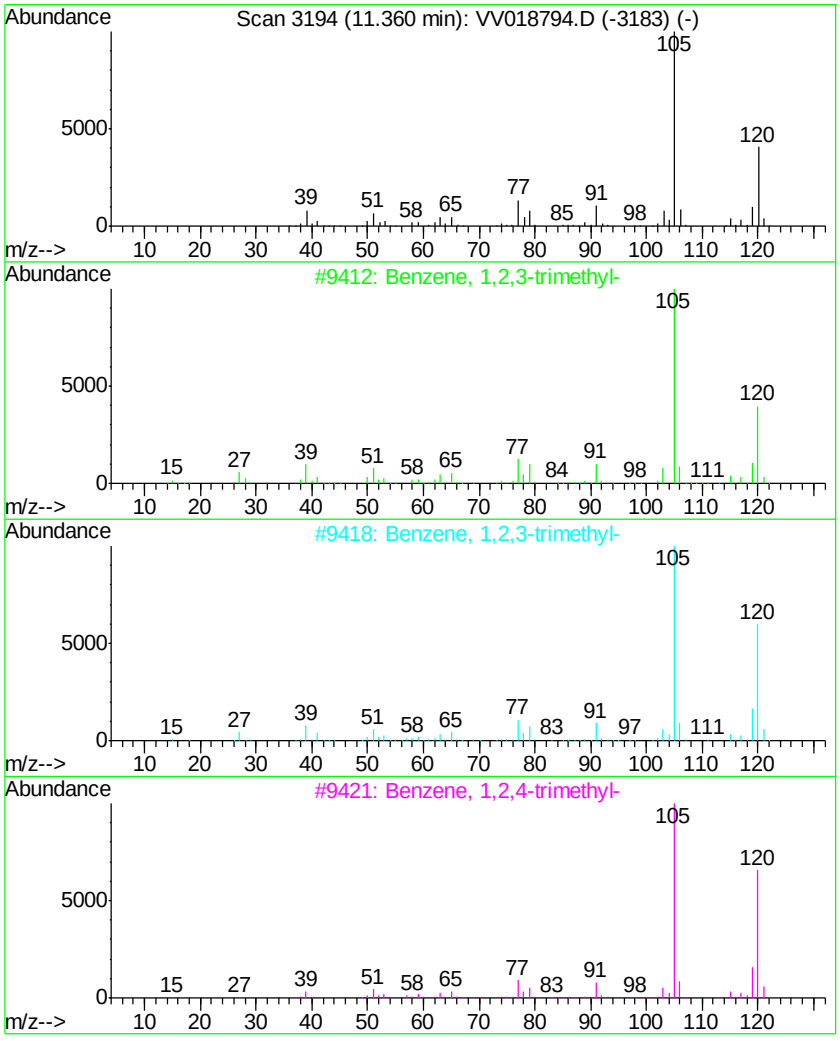
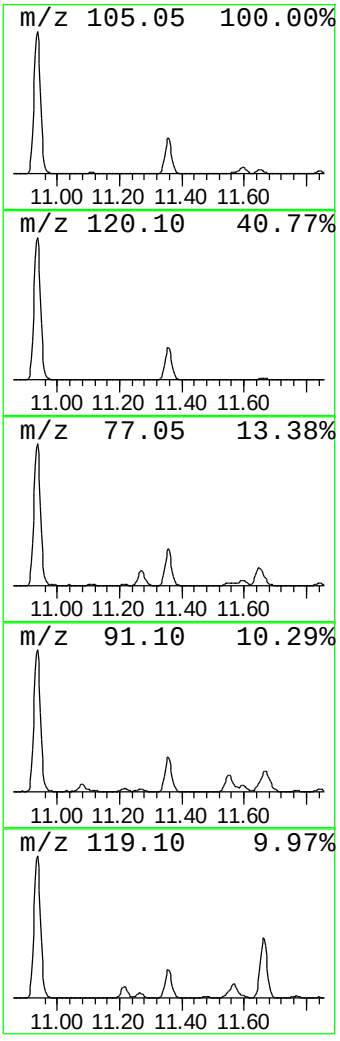
Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	18.30 ug/L	377379	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





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Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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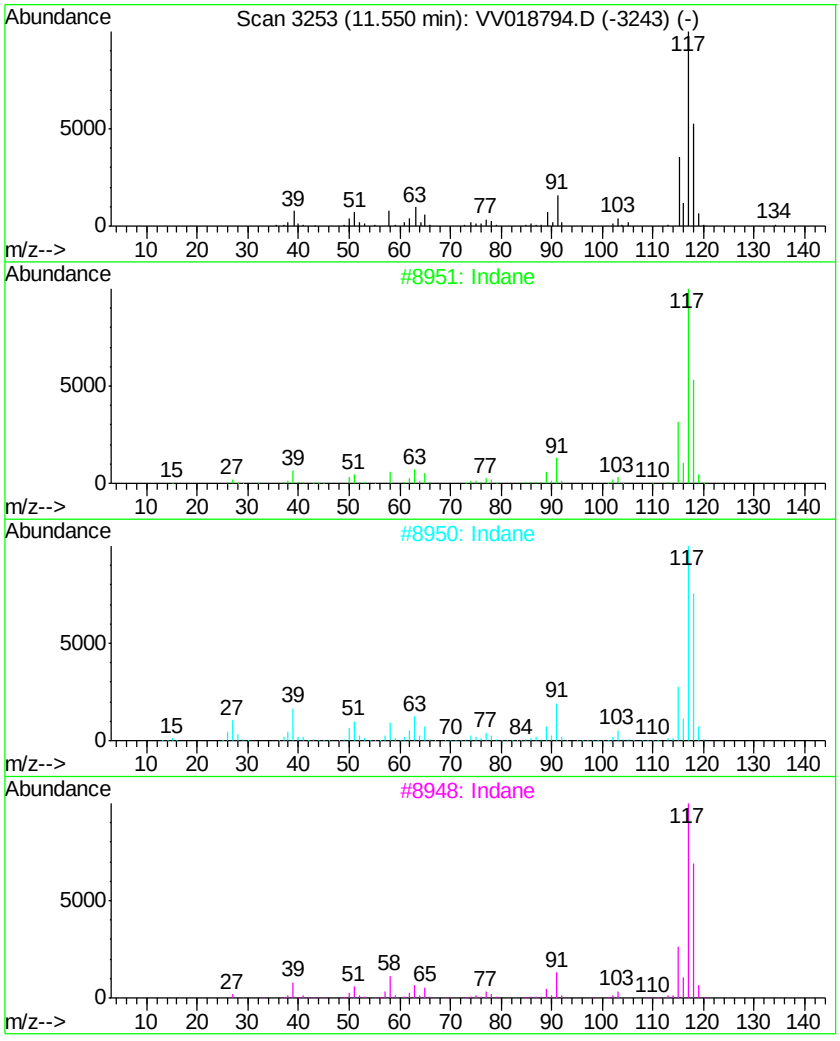
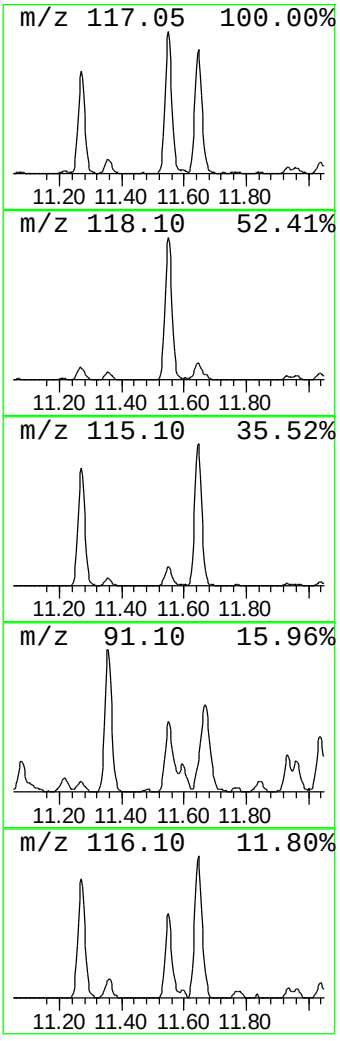
Peak Number 15 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	7.91 ug/L	163113	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	93
4	Indane	118	C9H10	000496-11-7	93
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	86





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Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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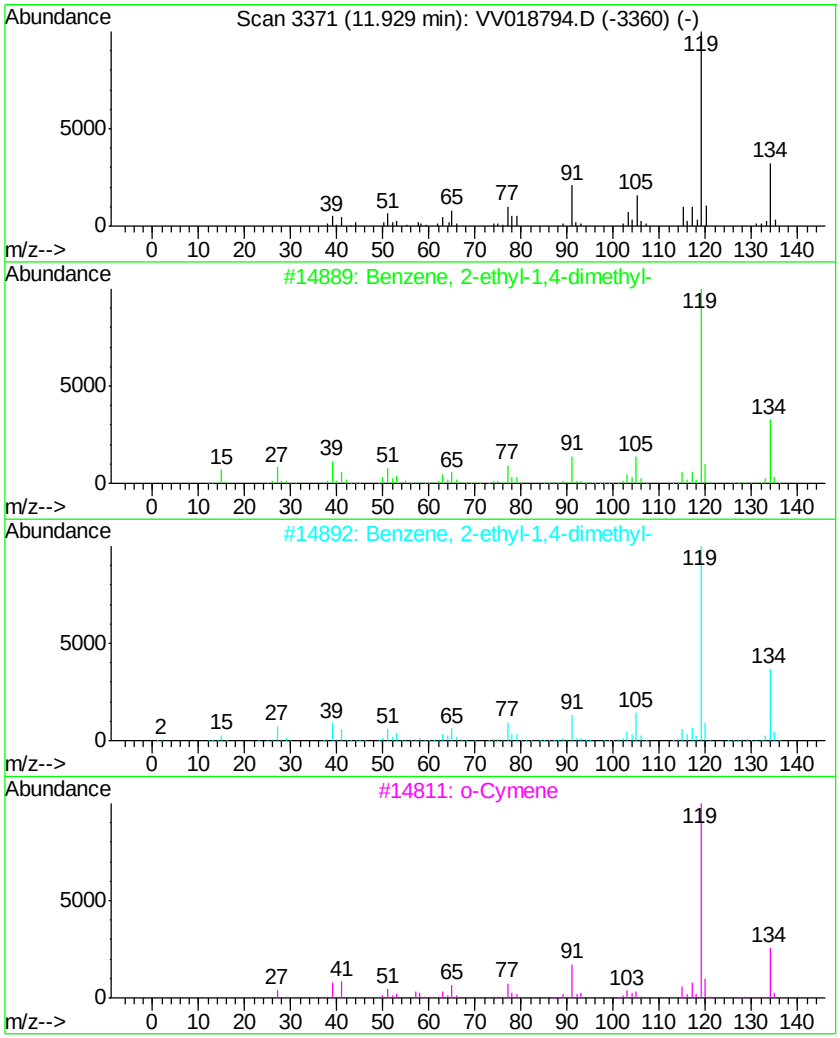
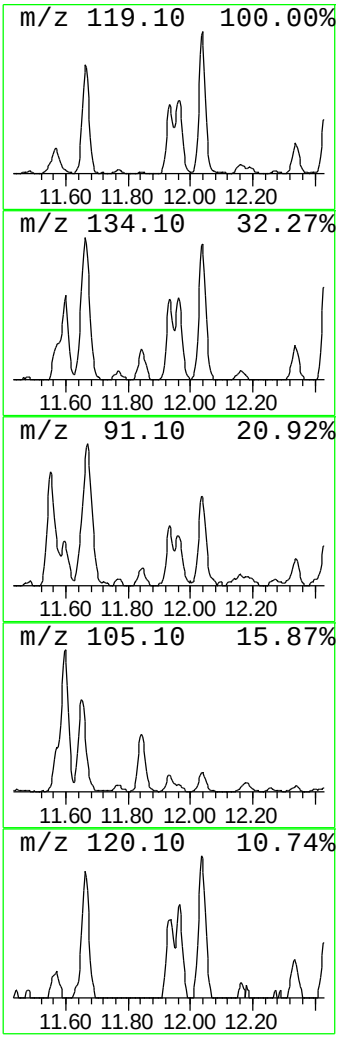
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.65 ug/L	54610	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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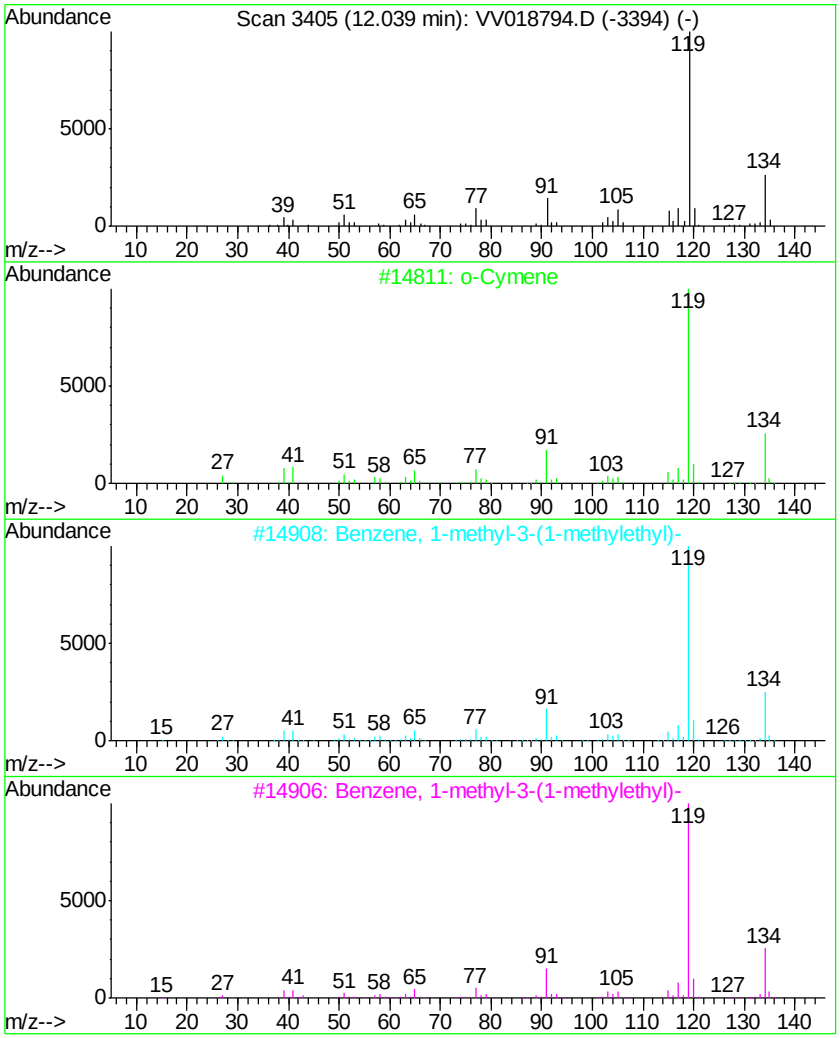
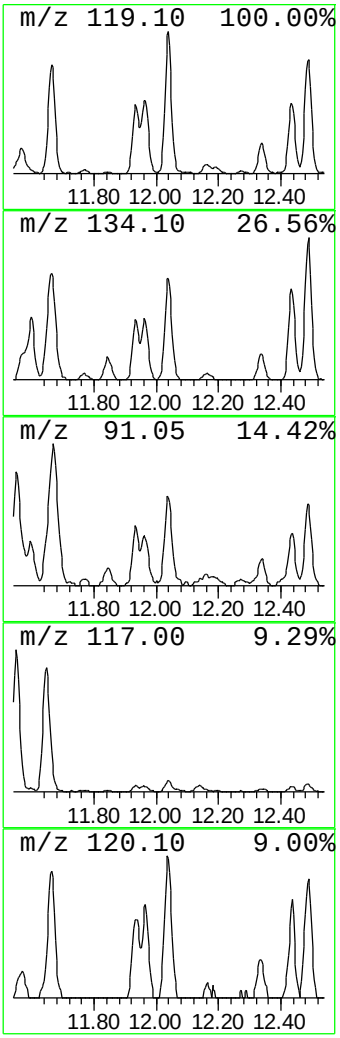
Peak Number 17 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.75 ug/L	97935	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





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Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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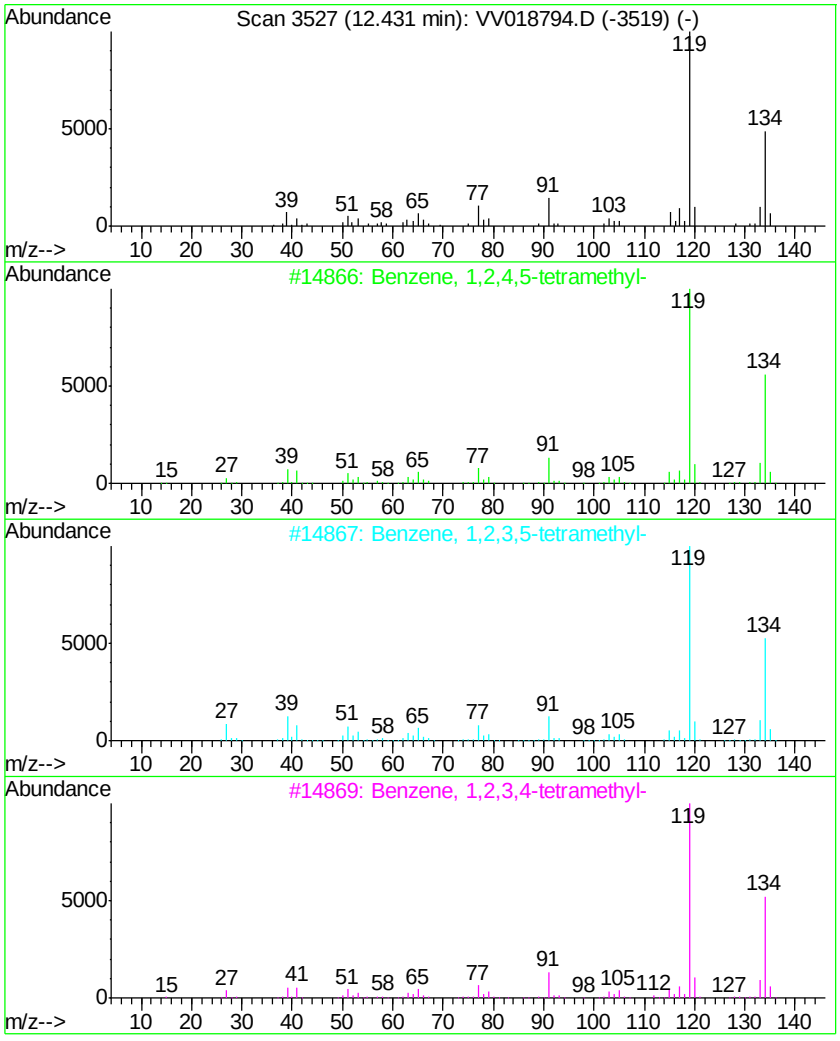
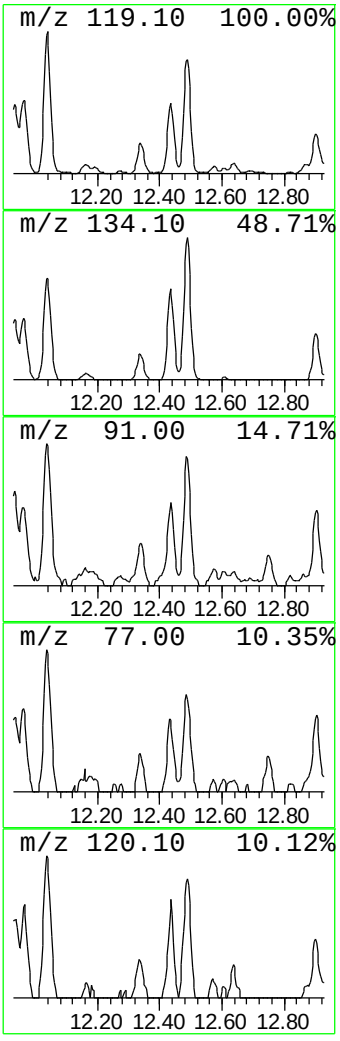
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.53 ug/L	52161	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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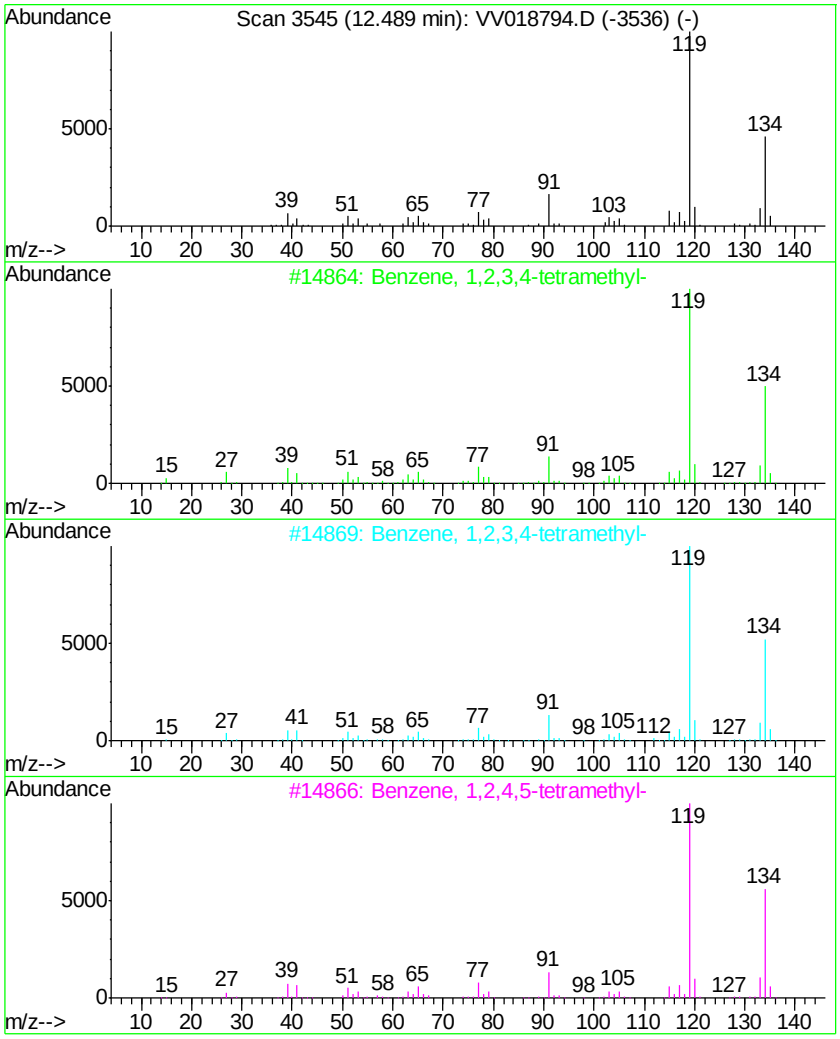
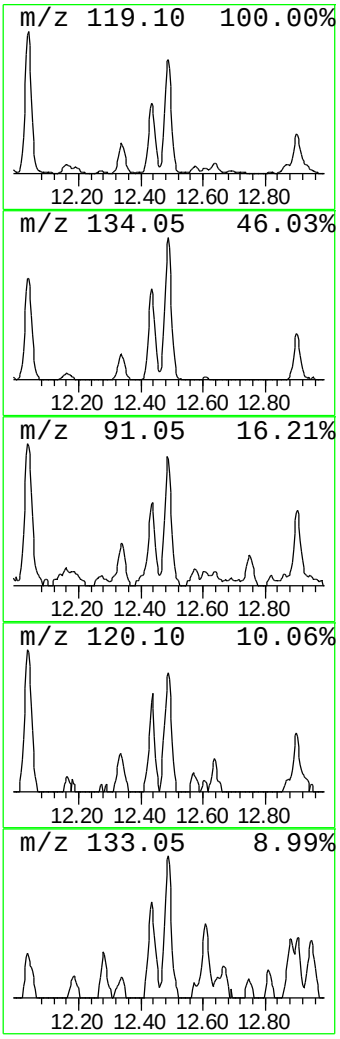
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.28 ug/L	88198	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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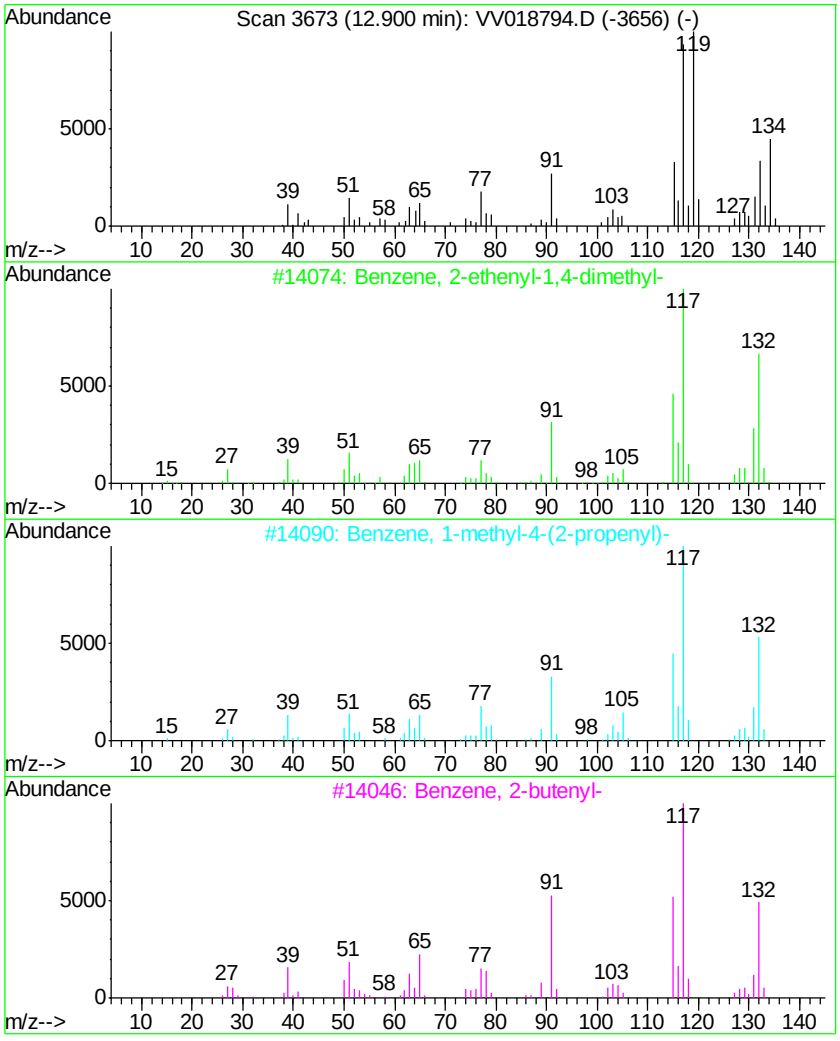
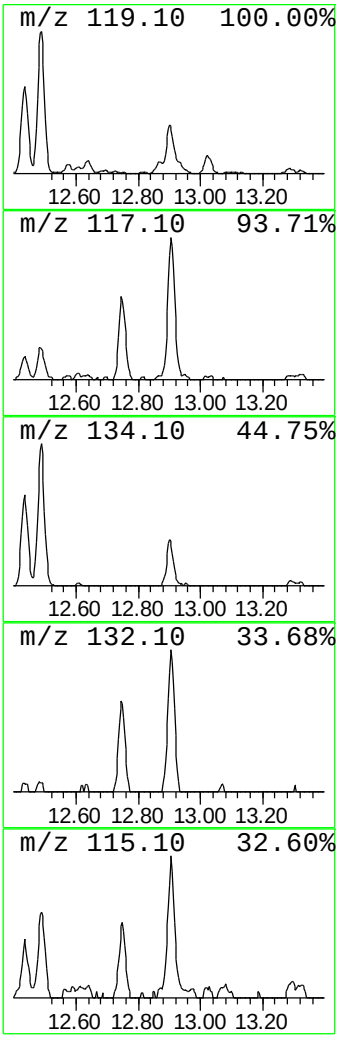
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.84 ug/L	79192	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	80
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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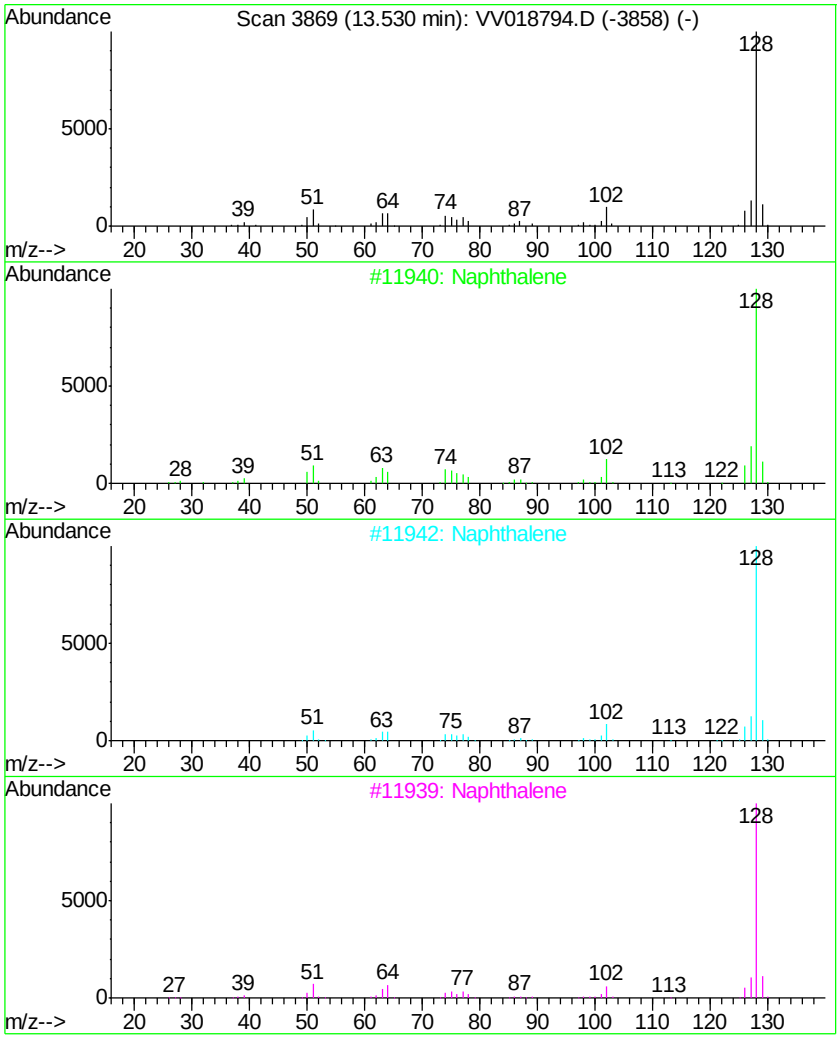
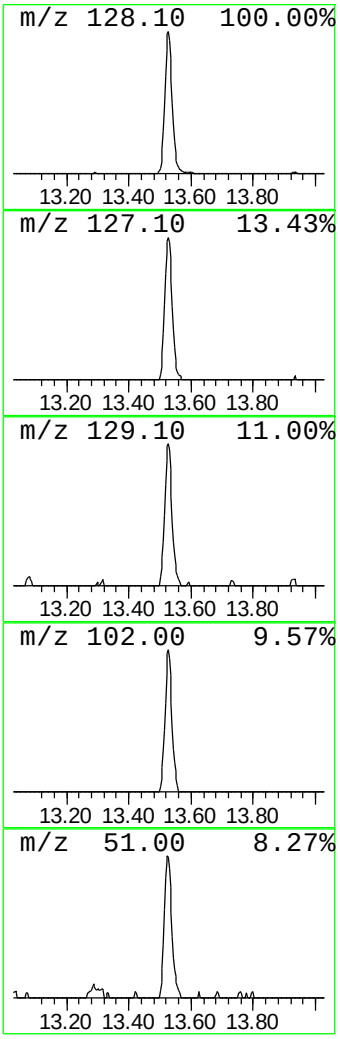
Peak Number 21 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	5.55 ug/L	114421	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	95
4	Azulene	128	C10H8	000275-51-4	94
5	Naphthalene	128	C10H8	000091-20-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018794.D
Acq On : 09 Oct 2020 04:59
Operator : SY/MD
Sample : L4239-09 80X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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...	2.55	24.3	ug/L	399697	1	5.64	823794	50.0
(DEL) Alkane: Str...	2.78	41.4	ug/L	682137	1	5.64	823794	50.0
(DEL) Alkane: Str...	3.06	80.1	ug/L	1319300	1	5.64	823794	50.0
(DEL) Alkane: Cyc...	3.79	66.3	ug/L	1092510	1	5.64	823794	50.0
unknown-01	5.93	4.3	ug/L	71447	1	5.64	823794	50.0
Benzene, propyl-	10.37	10.6	ug/L	219120	3	11.27	1031290	50.0
Benzene, 1-ethyl-...	10.47	49.9	ug/L	1028820	3	11.27	1031290	50.0
Mesitylene	10.56	22.9	ug/L	473369	3	11.27	1031290	50.0
4-Heptanone, 2,6-...	10.71	107.3	ug/L	2213710	3	11.27	1031290	50.0
Benzene, 1-ethyl-...	10.76	19.1	ug/L	393224	3	11.27	1031290	50.0
Benzene, 1,2,3-tr...	10.94	74.2	ug/L	1530780	3	11.27	1031290	50.0
2-Heptanone, 4,6-...	11.04	3.1	ug/L	64058	3	11.27	1031290	50.0
Benzene, 1,2,4-tr...	11.36	18.3	ug/L	377379	3	11.27	1031290	50.0
Indane	11.55	7.9	ug/L	163113	3	11.27	1031290	50.0
Benzene, 2-ethyl-...	11.93	2.6	ug/L	54610	3	11.27	1031290	50.0
o-Cymene	12.04	4.8	ug/L	97935	3	11.27	1031290	50.0
Benzene, 1,2,4,5-...	12.43	2.5	ug/L	52161	3	11.27	1031290	50.0
Benzene, 1,2,3,4-...	12.49	4.3	ug/L	88198	3	11.27	1031290	50.0
Benzene, 2-etheny...	12.90	3.8	ug/L	79192	3	11.27	1031290	50.0
Azulene	13.53	5.5	ug/L	114421	3	11.27	1031290	50.0