LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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	1.315	63	70	81	rVB	231293	228884	11.56%	0.907%
2	1.576	143	151	168	rBV	196719	218969	11.06%	0.868%
3	2.123	310	321	341	rVB	374735	573103	28.96%	2.271%
4	2.309	372	379	381	rBV4	1626	1732	0.09%	0.007%
5	2.425	413	415	423	rVB4	535	581	0.03%	0.002%
6	2.547	427	453	474	rBV	213068	444158	22.44%	1.760%
7	2.778	507	525	548	rBV	360431	717342	36.24%	2.843%
8	2.971	571	585	595	rBV7	2380	6371	0.32%	0.025%
9	3.061	597	613	640	rBV	789369	1568832	79.27%	6.217%
10	3.251	665	672	679	rBV6	2698	4649	0.23%	0.018%
11	3.299	680	687	704	rVB3	6929	15169	0.77%	0.060%
12	3.389	704	715	729	rVB5	4953	10890	0.55%	0.043%
13	3.447	729	733	734	rBV3	800	534	0.03%	0.002%
14	3.483	737	744	747	rBV6	1435	1997	0.10%	0.008%
15	3.563	758	769	779	rBV3	11321	29617	1.50%	0.117%
16	3.695	801	810	820	rVB4	5471	11138	0.56%	0.044%
17	3.788	822	839	863	rVB	317063	796922	40.27%	3.158%
18	3.904	864	875	910	rBV2	113407	396910	20.05%	1.573%
19	4.090	931	933	937	rVB2	1136	505	0.03%	0.002%
20	4.373	1005	1021	1047	rBV	232772	579703	29.29%	2.297%
21	4.466	1047	1050	1052	rBV3	930	722	0.04%	0.003%
22	4.486	1052	1056	1059	rBV5	1775	1857	0.09%	0.007%
23	4.634	1086	1102	1115	rBV	81798	206617	10.44%	0.819%
24	4.936	1188	1196	1198	rBV5	1171	1287	0.07%	0.005%
25	5.071	1222	1238	1273	rVV2	579412	1491687	75.37%	5.911%
26	5.528	1372	1380	1384	rBV5	1039	1571	0.08%	0.006%
27	5.640	1403	1415	1447	rBV	403401	802533	40.55%	3.180%
28	5.830	1469	1474	1475	rBV4	882	641	0.03%	0.003%
29	5.929	1493	1505	1526	rVB3	42666	95721	4.84%	0.379%
30	6.093	1541	1556	1585	rBV	356310	704662	35.60%	2.792%
31	6.225	1594	1597	1598	rBV2	1074	584	0.03%	0.002%
32	6.235	1598	1600	1606	rVB5	1216	948	0.05%	0.004%
33	6.421	1650	1658	1660	rBV5	547	585	0.03%	0.002%
34	6.518	1685	1688	1693	rBV	502	519	0.03%	0.002%

LSC Area Percent Report

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Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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	6.672	1729	1736	1738	rBV3	766	828	0.04%	0.003%
36	6.798	1769	1775	1776	rBV2	1084	1029	0.05%	0.004%
37	6.936	1812	1818	1821	rBV2	572	653	0.03%	0.003%
38	7.007	1829	1840	1863	rBV2	178763	323261	16.33%	1.281%
39	7.273	1919	1923	1927	rBV4	1734	2132	0.11%	0.008%
40	7.338	1931	1943	1955	rVV	672878	1144580	57.83%	4.536%
41	7.409	1955	1965	1992	rVB	959851	1614707	81.58%	6.399%
42	7.643	2027	2038	2063	rBV	132415	231849	11.71%	0.919%
43	8.000	2140	2149	2160	rBV5	9732	16741	0.85%	0.066%
44	8.106	2170	2182	2222	rBV2	347334	663307	33.51%	2.629%
45	8.415	2273	2278	2281	rBV5	524	494	0.02%	0.002%
46	8.460	2288	2292	2295	rVV2	592	480	0.02%	0.002%
47	8.871	2407	2420	2447	rBV	590905	963704	48.69%	3.819%
48	9.035	2460	2471	2483	rBV	68981	111724	5.64%	0.443%
49	9.158	2497	2509	2526	rBV	298629	485144	24.51%	1.923%
50	9.492	2610	2613	2616	rVB	684	436	0.02%	0.002%
51	9.566	2622	2636	2657	rBV	124309	199740	10.09%	0.792%
52	9.707	2676	2680	2683	rVB	463	429	0.02%	0.002%
53	9.730	2683	2687	2689	rBV2	750	589	0.03%	0.002%
54	9.785	2696	2704	2712	rBV4	759	1388	0.07%	0.006%
55	9.955	2745	2757	2773	rBV	52411	82852	4.19%	0.328%
56	10.042	2782	2784	2788	rVB3	619	436	0.02%	0.002%
57	10.148	2809	2817	2818	rBV5	4142	3675	0.19%	0.015%
58	10.238	2833	2845	2868	rBV	368283	583081	29.46%	2.311%
59	10.373	2877	2887	2902	rBV	196482	294383	14.87%	1.167%
60	10.466	2905	2916	2935	rVV	812779	1738395	87.83%	6.889%
61	10.560	2935	2945	2965	rVB	426606	645408	32.61%	2.558%
62	10.714	2980	2993	3000	rBV	511424	761156	38.46%	3.016%
63	10.759	3000	3007	3023	rVB	362220	556507	28.12%	2.205%
64	10.936	3049	3062	3078	rBV	1328148	1979182	100.00%	7.843%
65	11.042	3087	3095	3102	rBV3	15084	23703	1.20%	0.094%
66	11.109	3112	3116	3125	rVB2	6592	8437	0.43%	0.033%
67	11.215	3141	3149	3155	rBV3	11615	15460	0.78%	0.061%
68	11.270	3155	3166	3182	rVV	705634	1062007	53.66%	4.209%
69	11.357	3182	3193	3213	rVB	319847	484706	24.49%	1.921%
70	11.473	3220	3229	3236	rVB10	2132	3893	0.20%	0.015%
71	11.550	3241	3253	3263	rBV	114137	207035	10.46%	0.820%

LSC Area Percent Report

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Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

72	11.646	3273	3283	3307	rVB	793207	1326766	67.04%	5.258%
73	11.765	3314	3320	3326	rBV8	3754	5158	0.26%	0.020%
74	11.842	3337	3344	3359	rVB	15775	25787	1.30%	0.102%
75	11.932	3361	3372	3377	rBV2	36395	56322	2.85%	0.223%
76	12.039	3394	3405	3424	rVB	68648	105088	5.31%	0.416%
77	12.138	3429	3436	3439	rBV3	4586	5604	0.28%	0.022%
78	12.270	3472	3477	3488	rVB9	1777	2889	0.15%	0.011%
79	12.338	3490	3498	3511	rVB2	17418	24647	1.25%	0.098%
80	12.434	3518	3528	3536	rBV	39858	58882	2.98%	0.233%
81	12.489	3536	3545	3558	rVB	63977	96056	4.85%	0.381%
82	12.576	3562	3572	3577	rBV7	3115	4821	0.24%	0.019%
83	12.608	3577	3582	3587	rBV7	3062	3934	0.20%	0.016%
84	12.749	3617	3626	3640	rVB2	21641	32898	1.66%	0.130%
85	12.820	3641	3648	3654	rVB6	2283	2969	0.15%	0.012%
86	12.903	3654	3674	3686	rBV2	50948	93087	4.70%	0.369%
87	13.026	3702	3712	3719	rBV2	4499	6762	0.34%	0.027%
88	13.067	3721	3725	3736	rVV8	1753	2871	0.15%	0.011%
89	13.186	3759	3762	3765	rBV4	952	835	0.04%	0.003%
90	13.231	3773	3776	3779	rBV3	761	536	0.03%	0.002%
91	13.286	3784	3793	3802	rBV3	43054	69519	3.51%	0.275%
92	13.421	3830	3835	3842	rVB3	3601	4288	0.22%	0.017%
93	13.527	3857	3868	3881	rBV	87192	142861	7.22%	0.566%
94	13.739	3927	3934	3935	rBV3	1292	1178	0.06%	0.005%
95	13.768	3935	3943	3955	rVB4	13473	21699	1.10%	0.086%
96	13.932	3987	3994	4003	rVB3	2644	3415	0.17%	0.014%
97	14.119	4046	4052	4058	rVB6	912	1371	0.07%	0.005%
98	14.669	4219	4223	4232	rVB3	1019	1593	0.08%	0.006%
99	15.042	4335	4339	4340	rBV2	775	535	0.03%	0.002%
100	15.225	4393	4396	4399	rBV2	673	430	0.02%	0.002%

Sum of corrected areas: 25234272

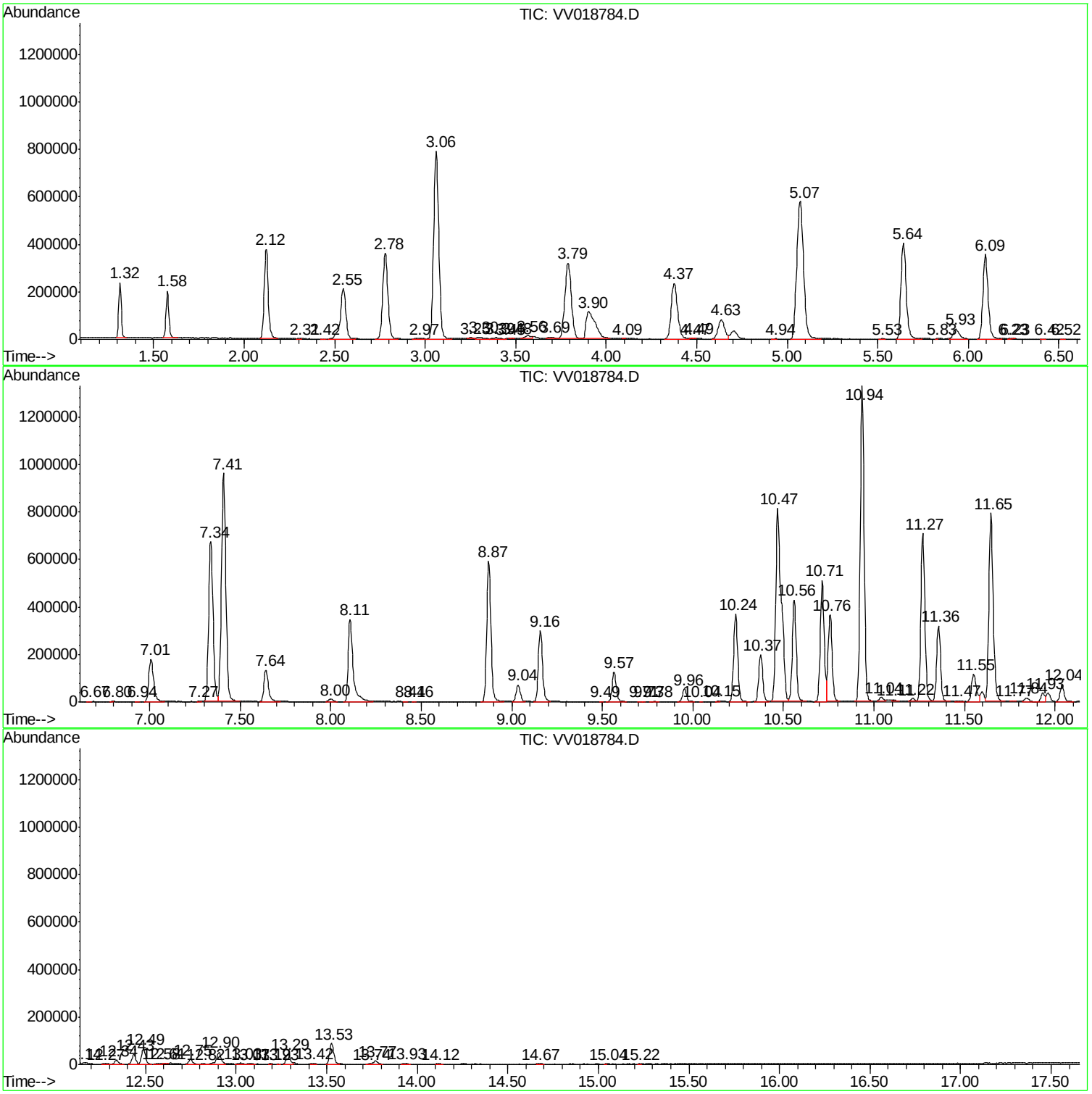
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

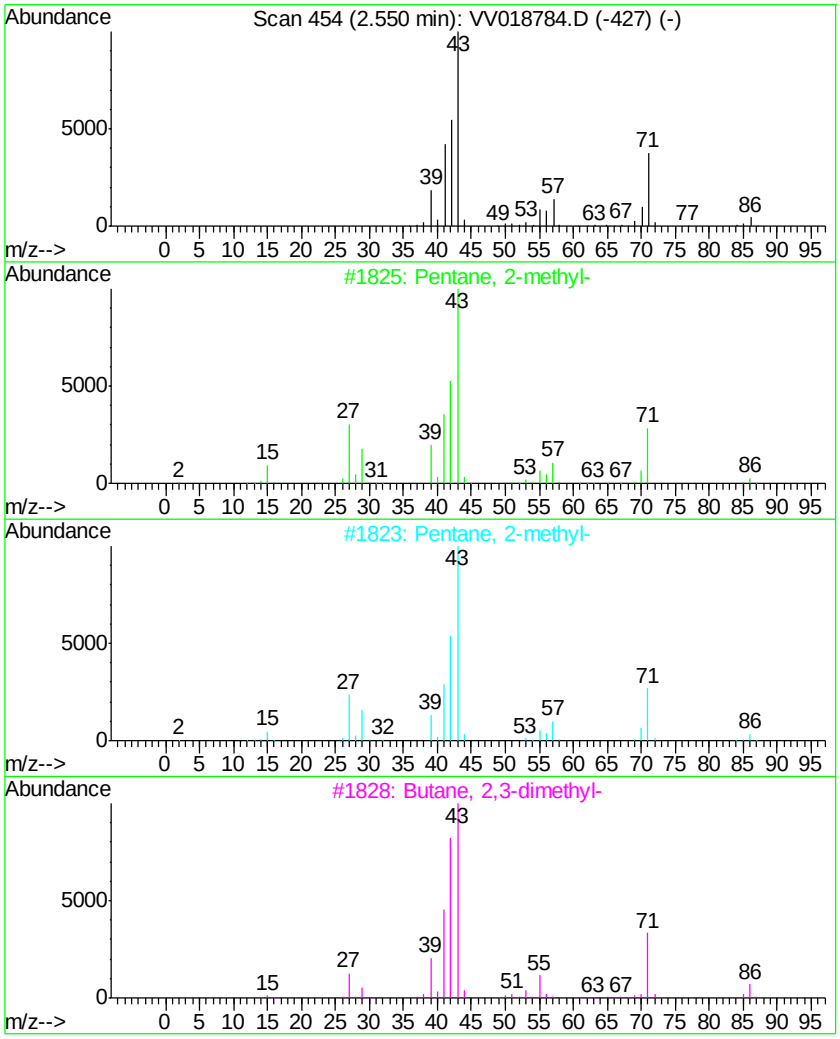
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

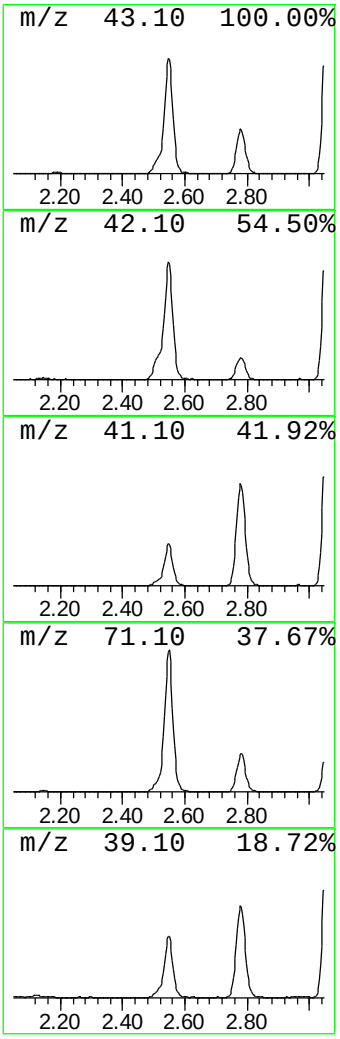
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	27.67 ug/L	444158	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	72
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
5	Pentane	72	C5H12	000109-66-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

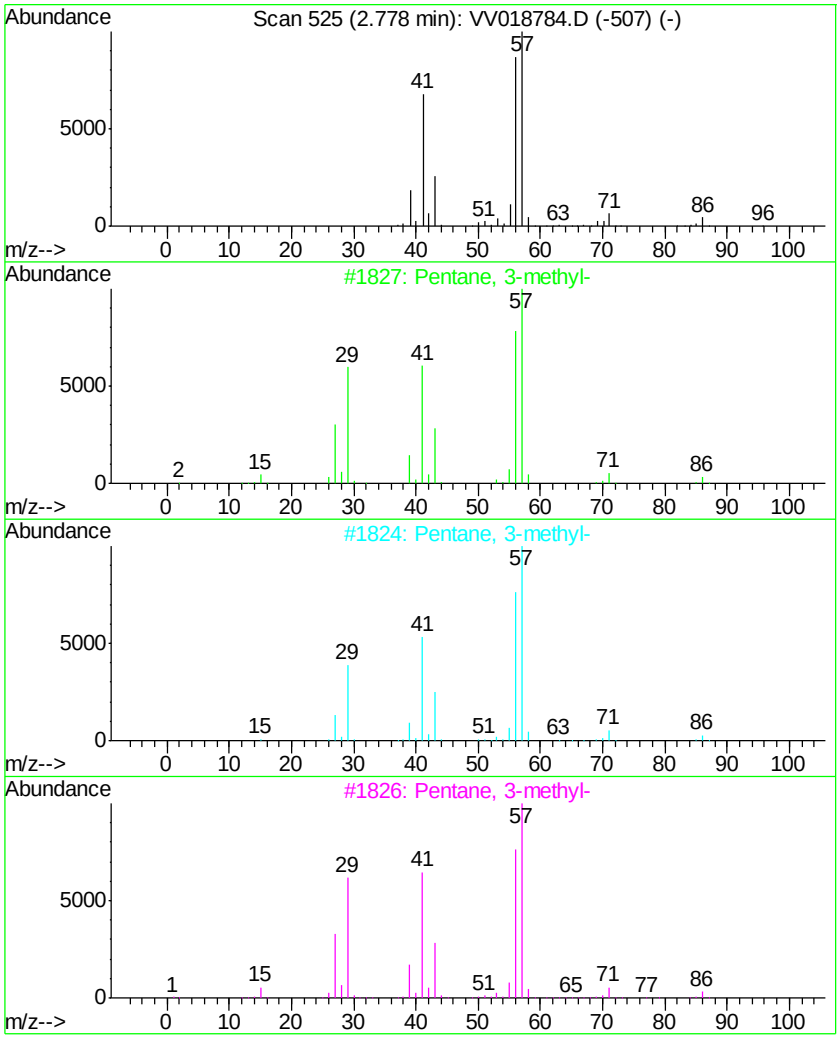
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

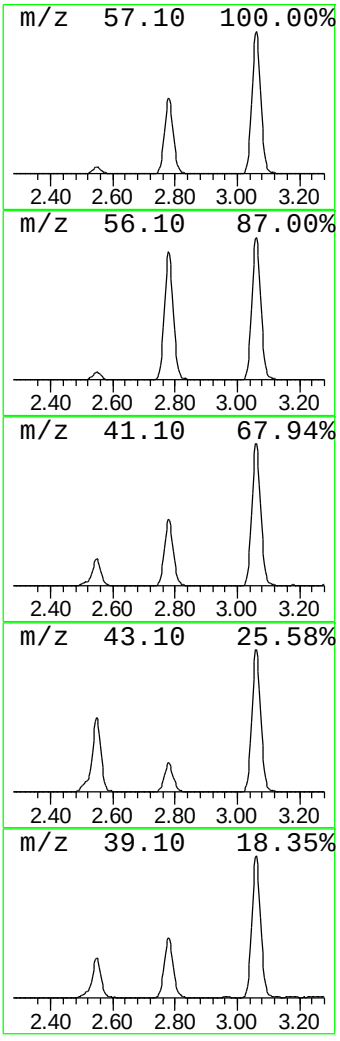
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	44.69 ug/L	717342	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	91
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
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Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

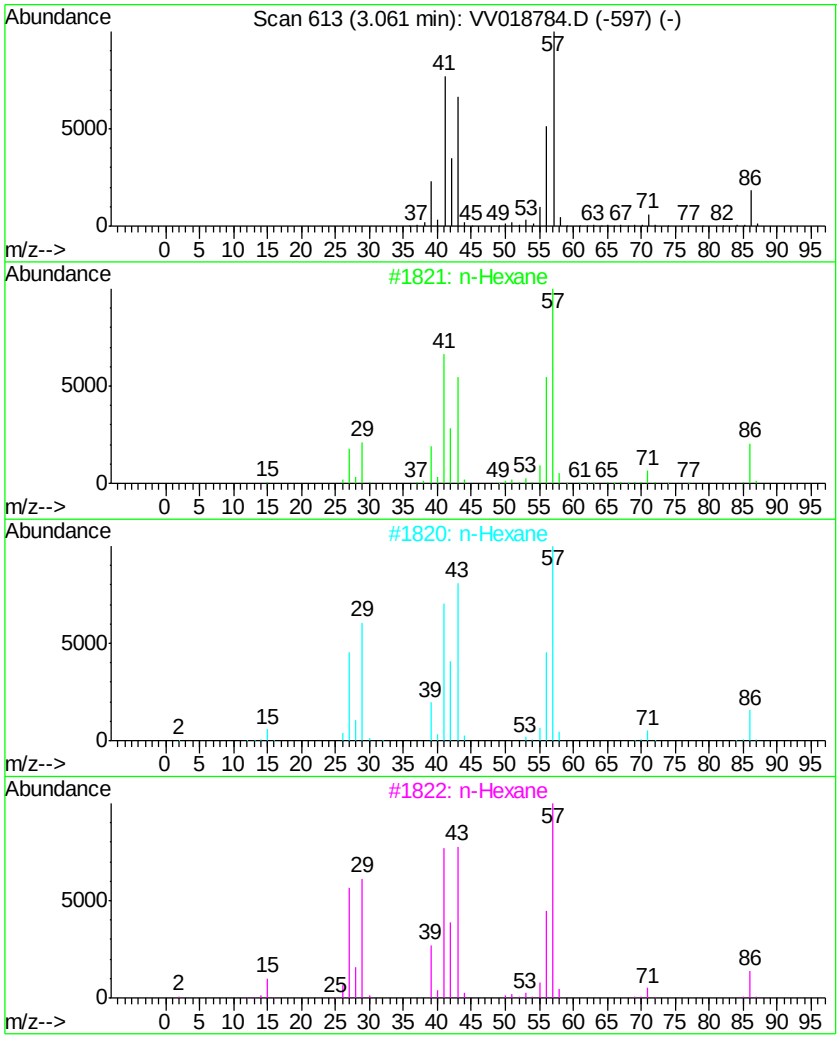
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

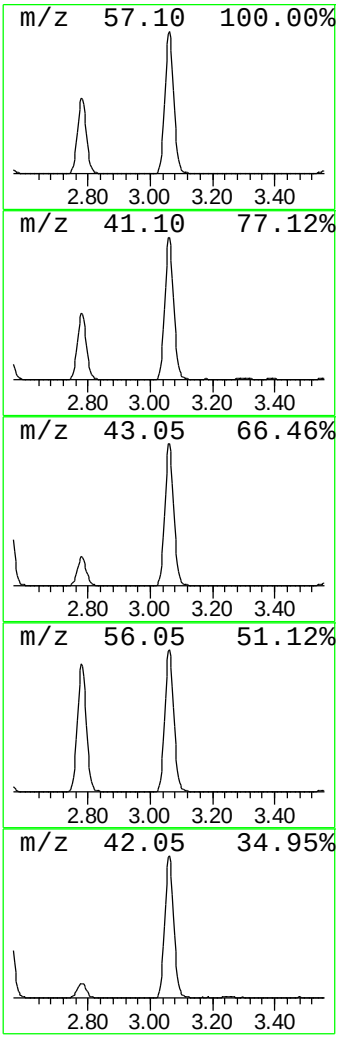
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	97.74 ug/L	1568830	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	78
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

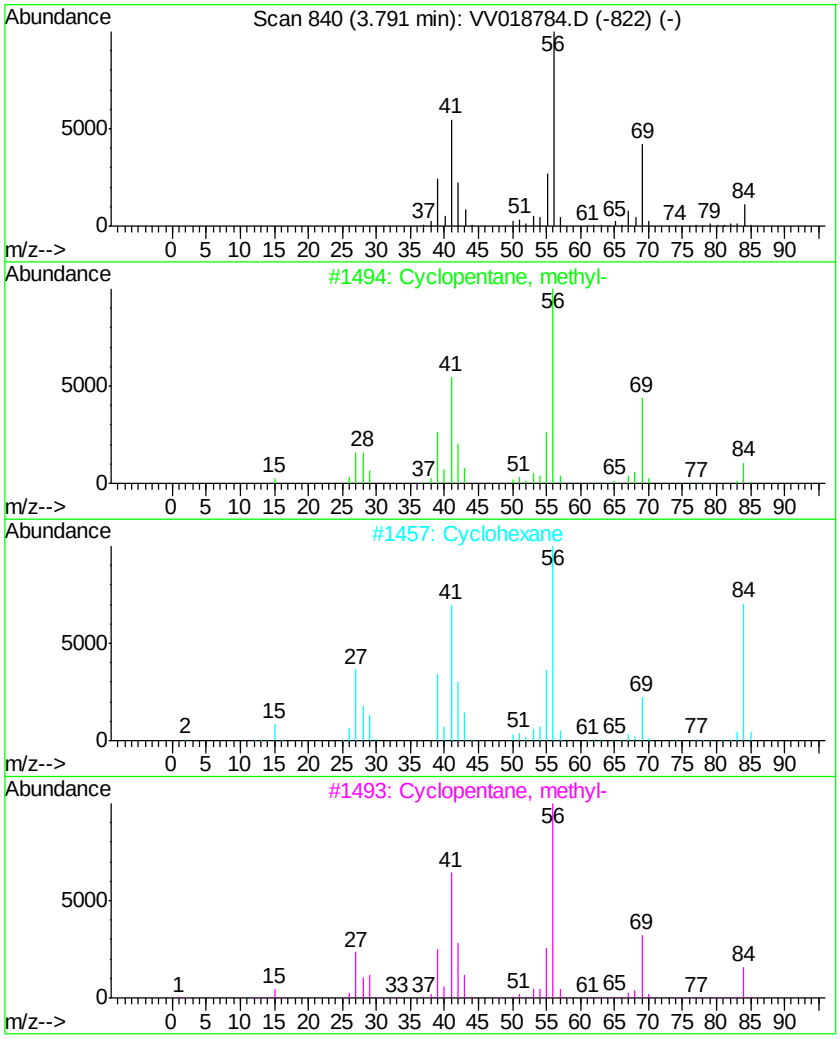
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

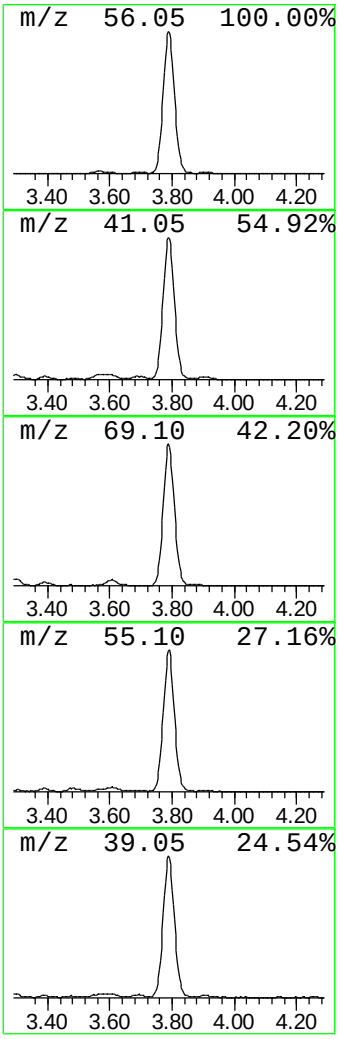
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	49.65 ug/L	796922	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
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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Acq On : 09 Oct 2020 01:02
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Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

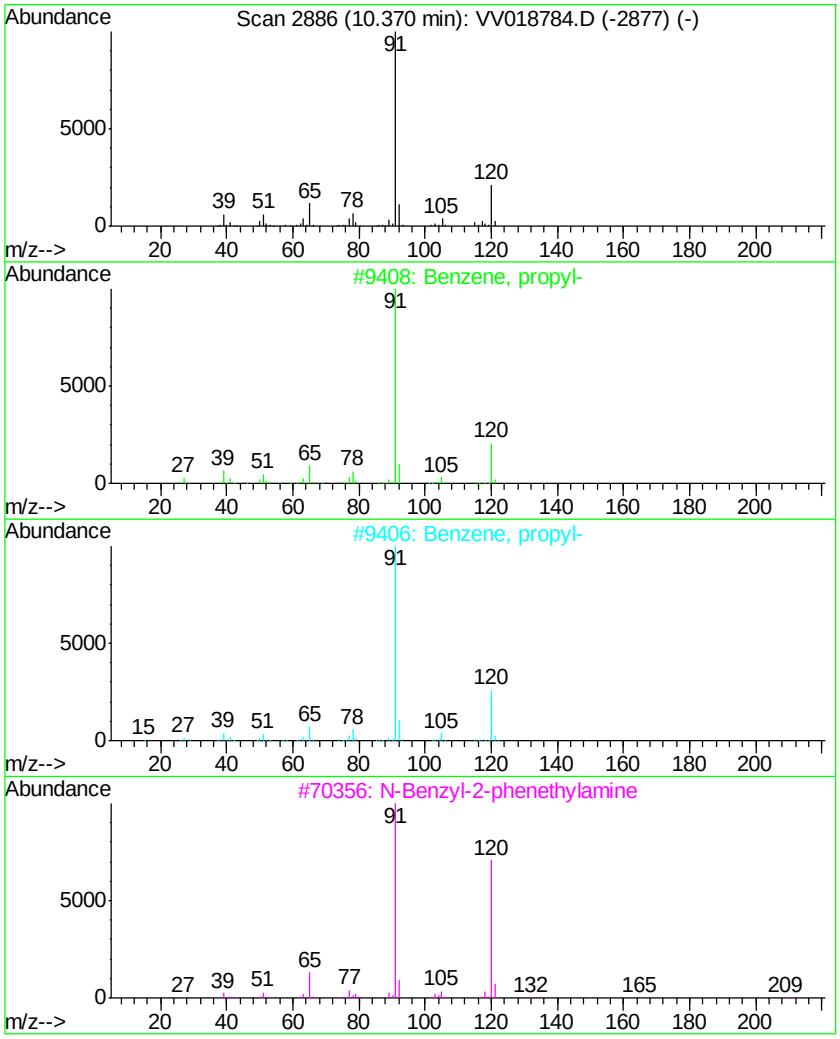
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

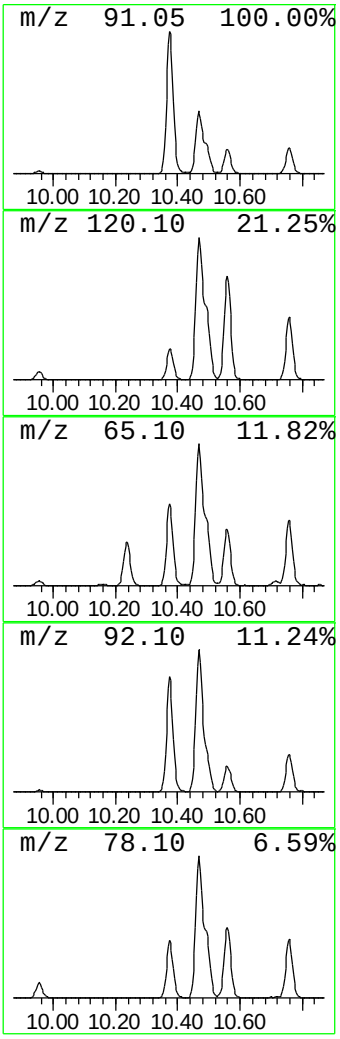
****

Peak Number 6 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	13.86 ug/L	294383	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	86
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

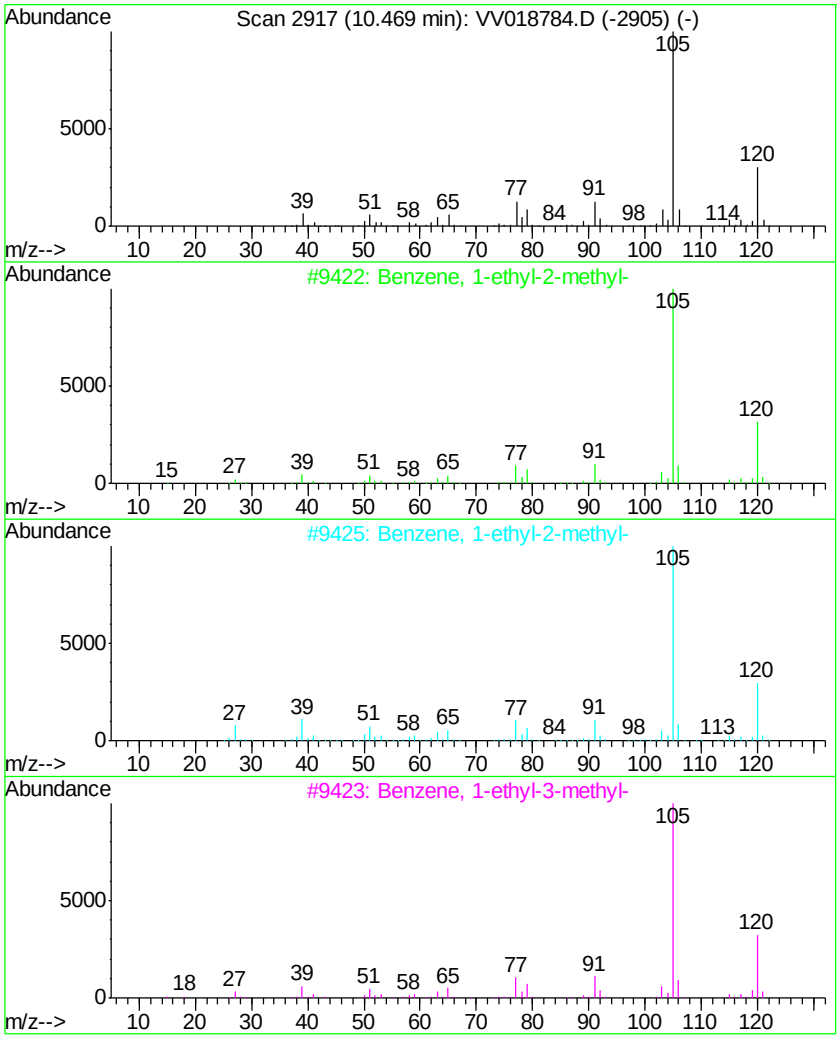
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

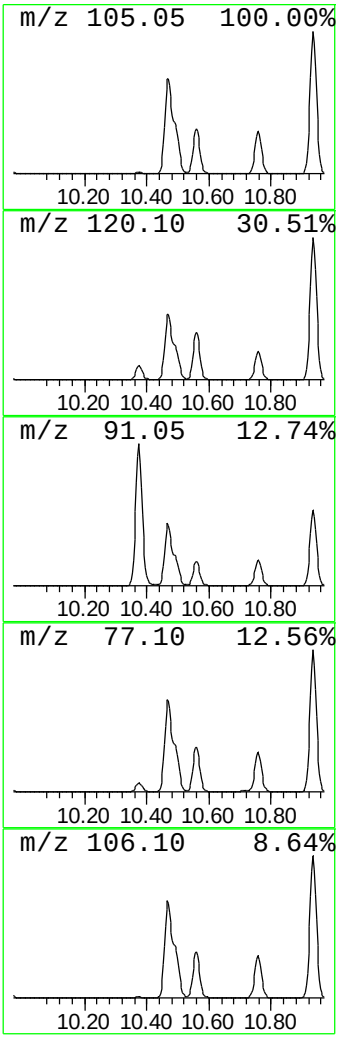
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	81.84 ug/L	1738400	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

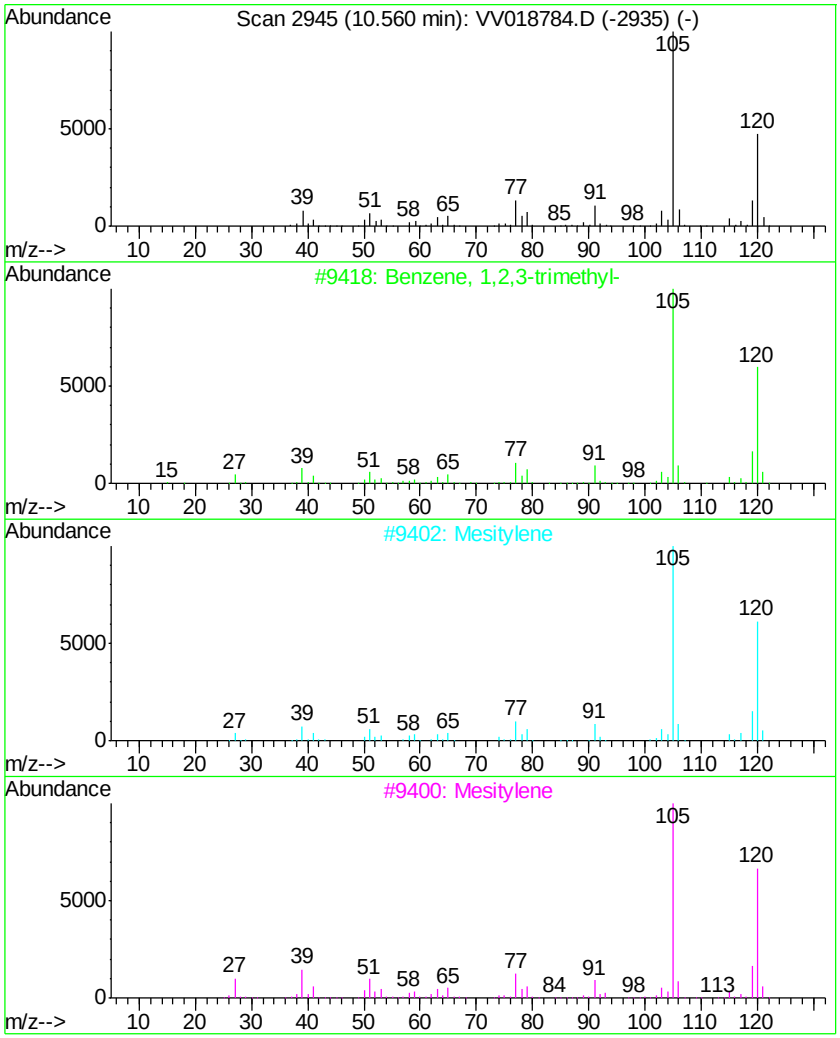
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

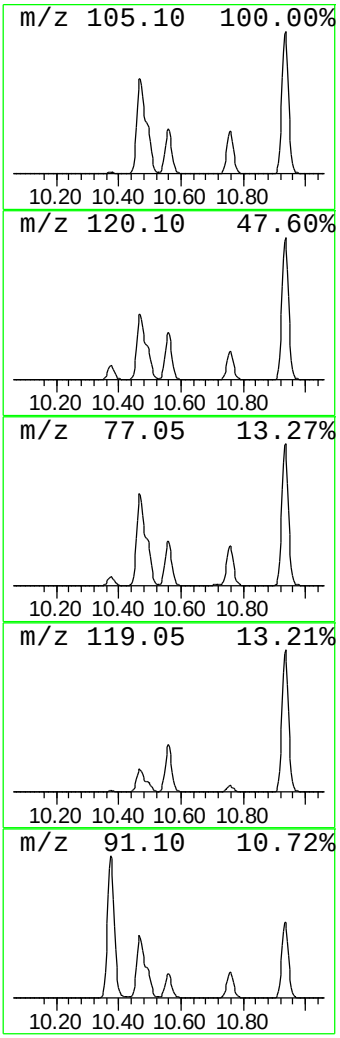
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	30.39 ug/L	645408	1,4-Dichlorobenzene-d4	11.27

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





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Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

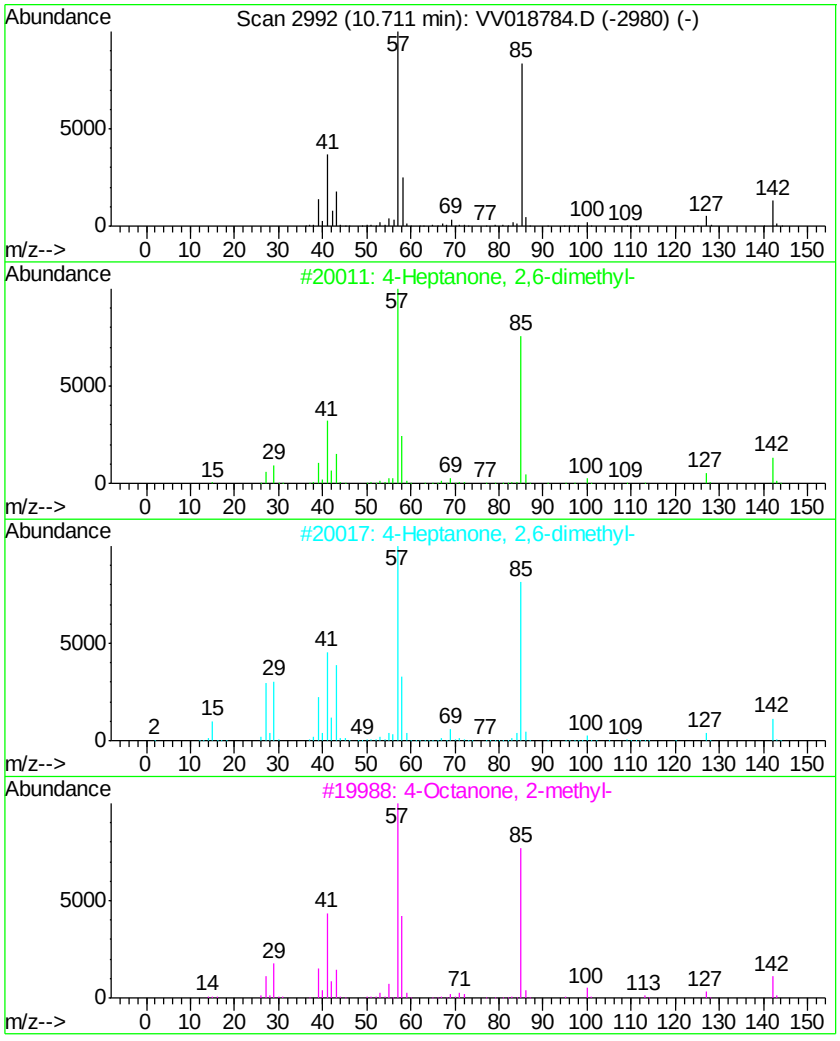
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

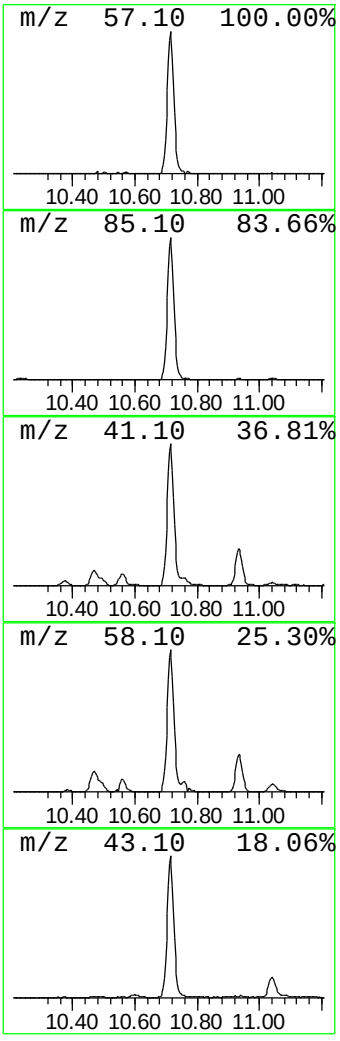
****

Peak Number 9 4-Heptanone, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	35.84 ug/L	761156	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	86
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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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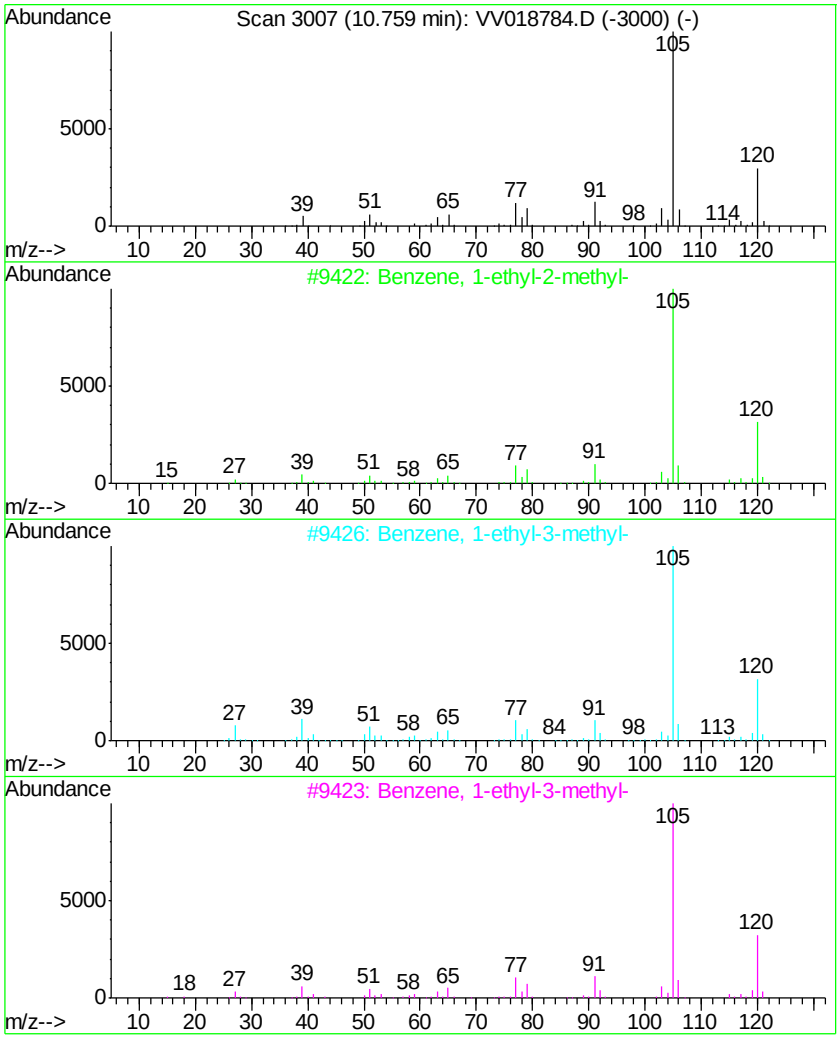
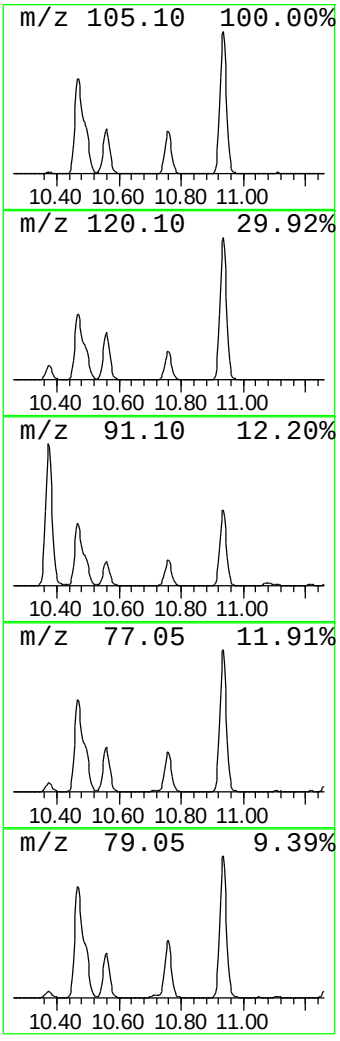
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	26.20 ug/L	556507	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-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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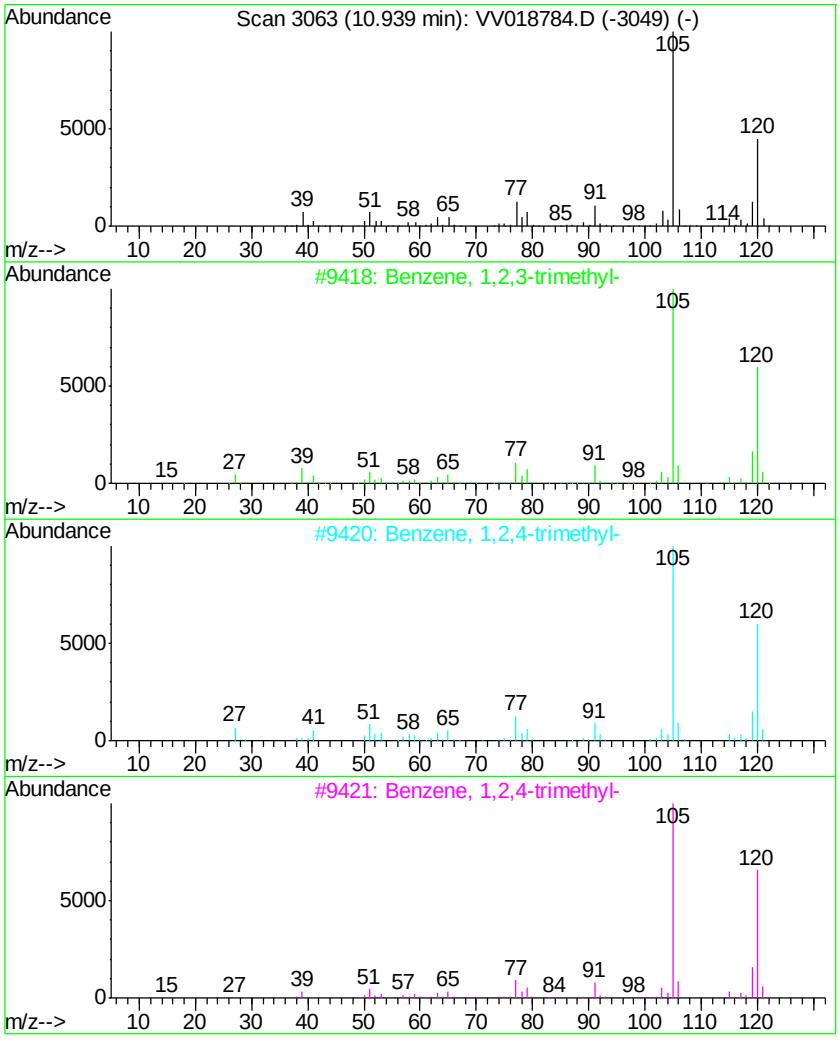
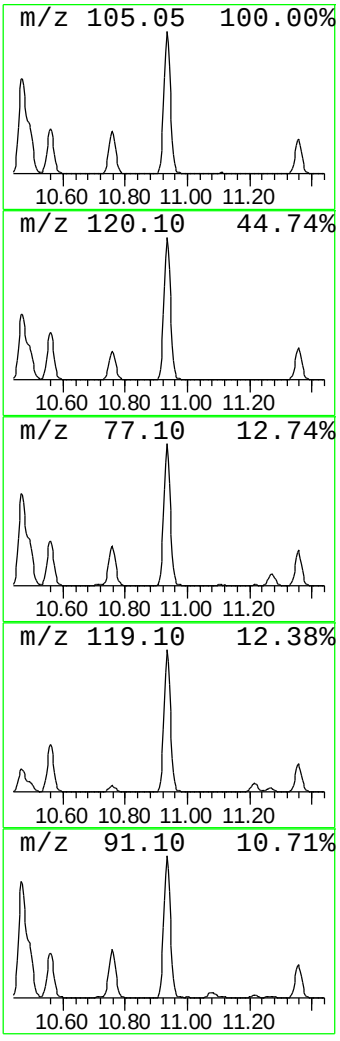
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	93.18 ug/L	1979180	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	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	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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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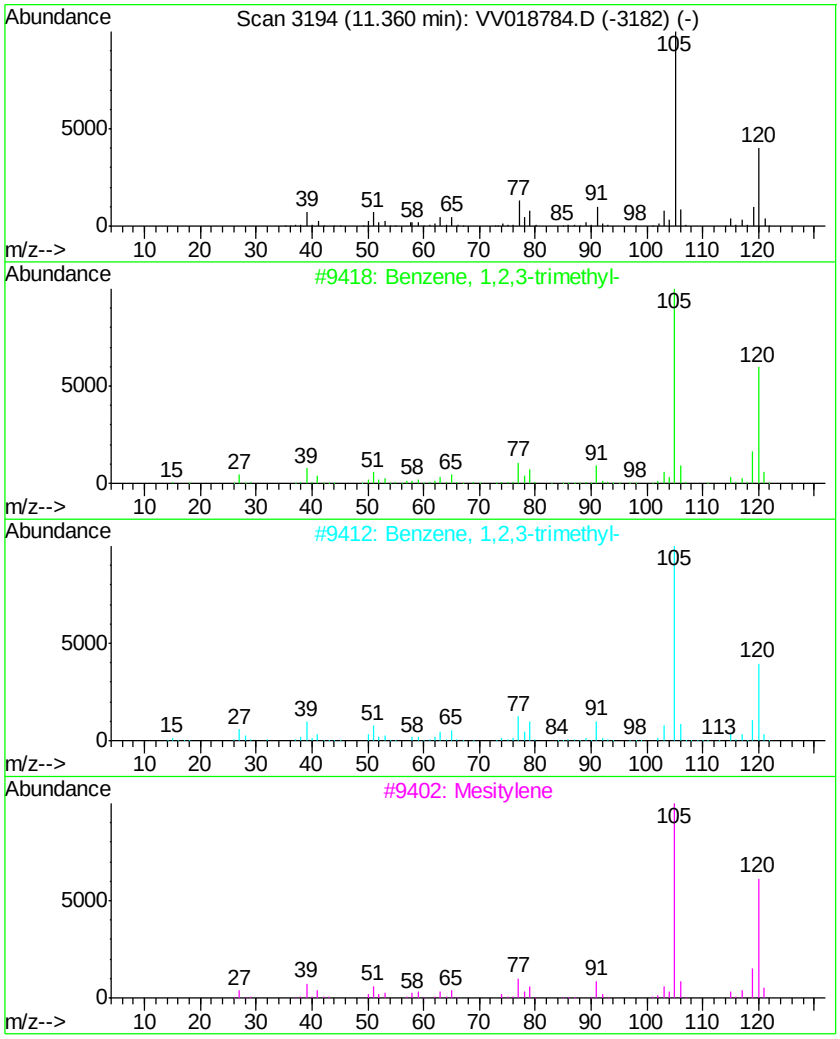
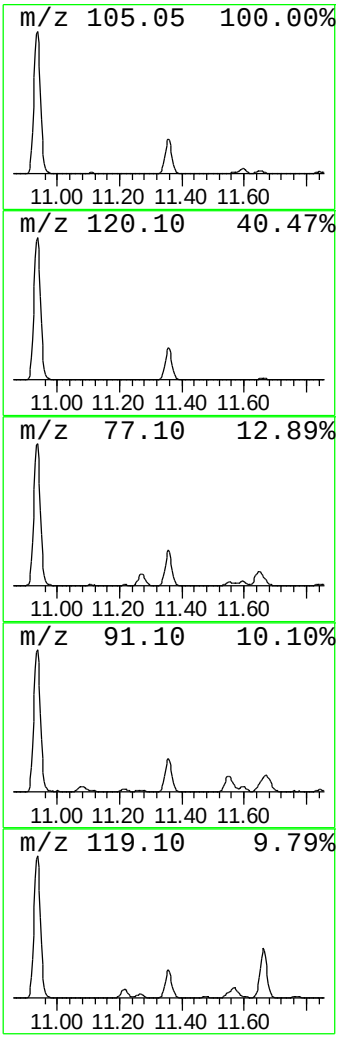
Peak Number 12 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	22.82 ug/L	484706	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	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

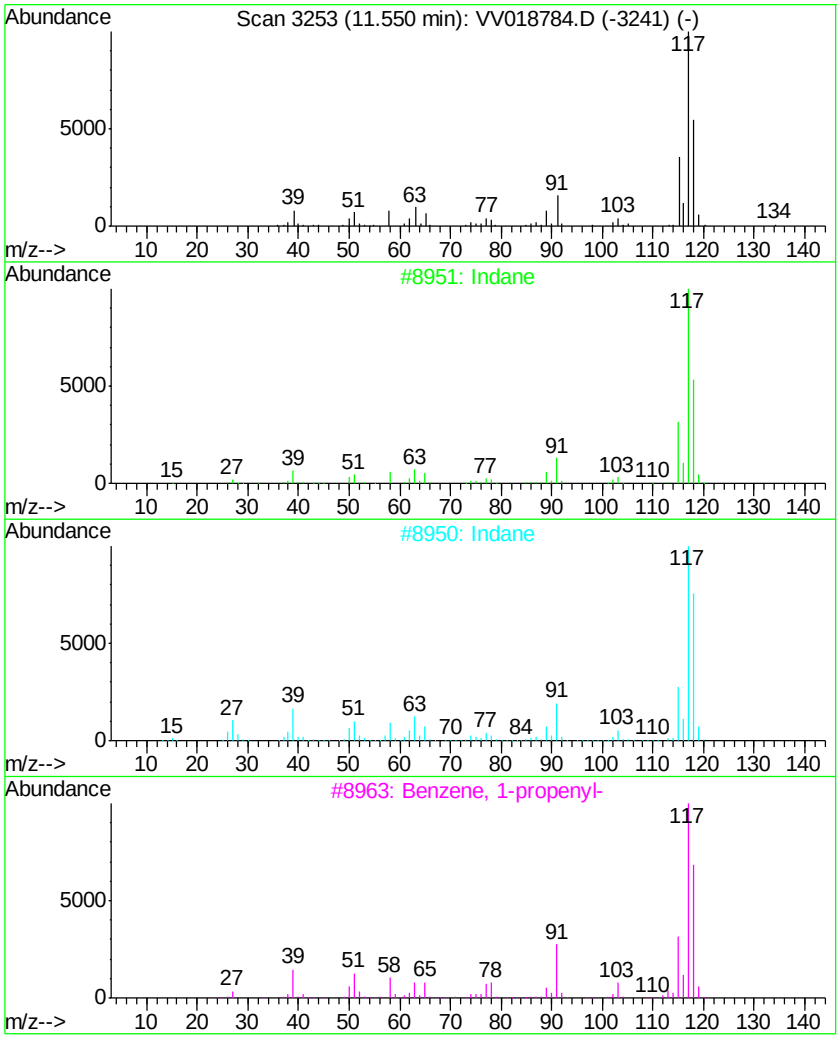
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

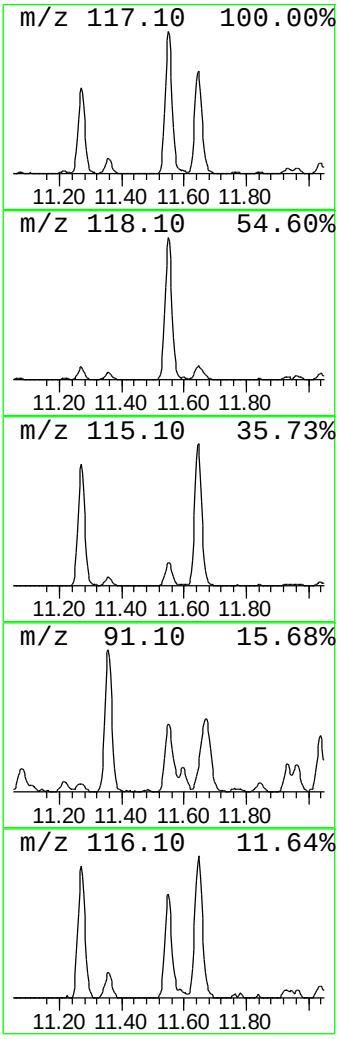
****

Peak Number 13 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	9.75 ug/L	207035	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





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Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

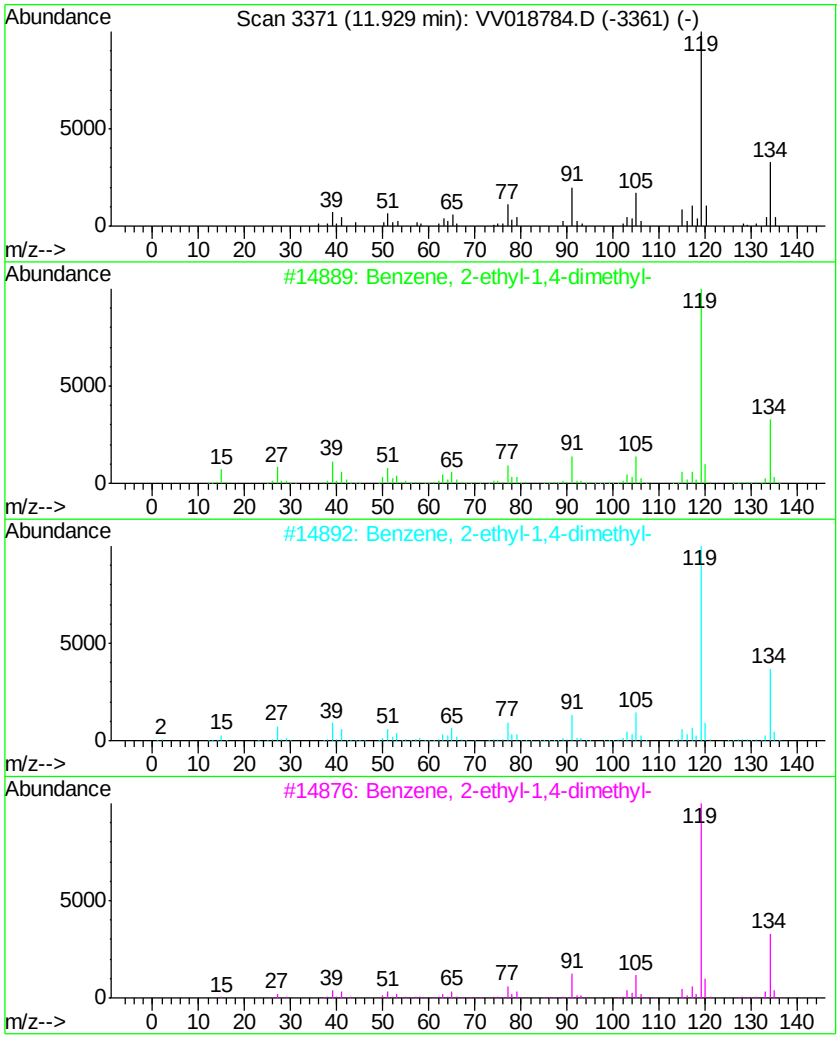
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

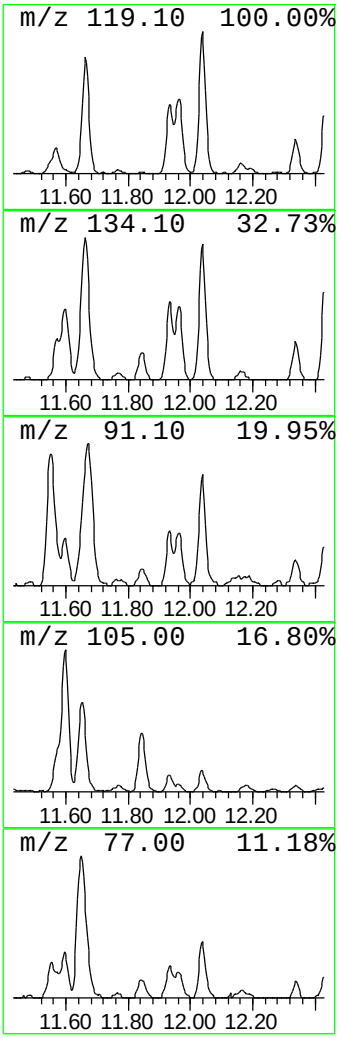
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.65 ug/L	56322	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	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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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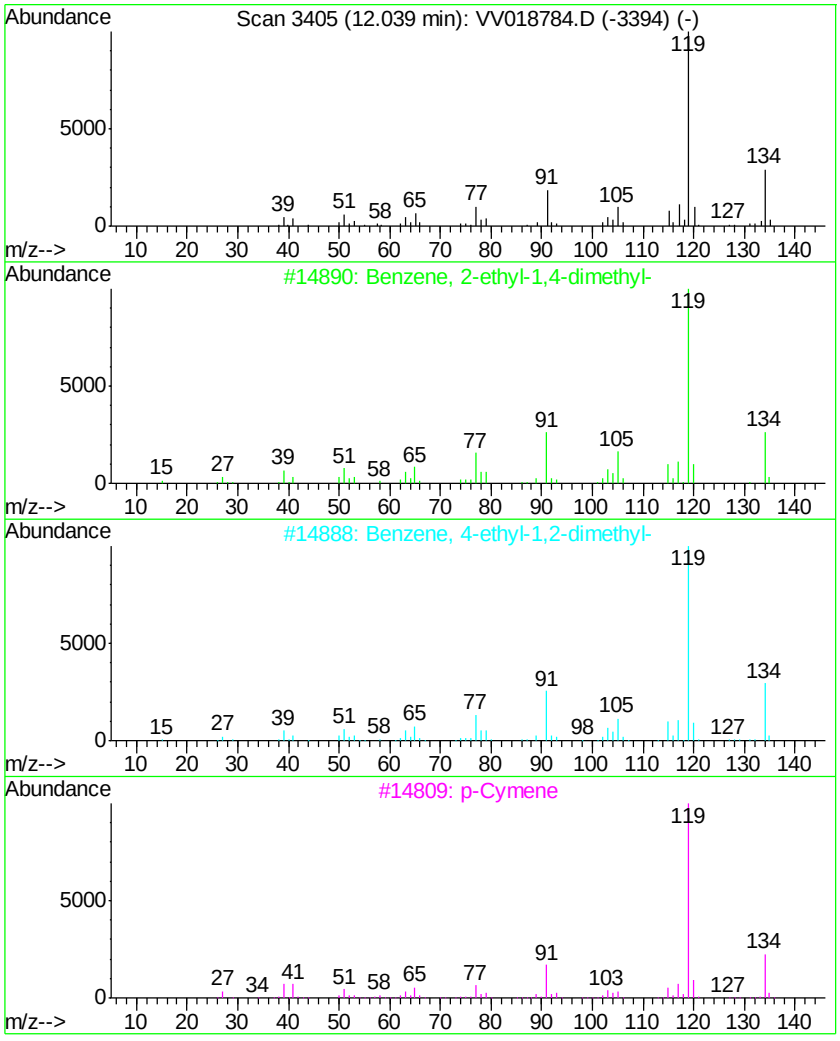
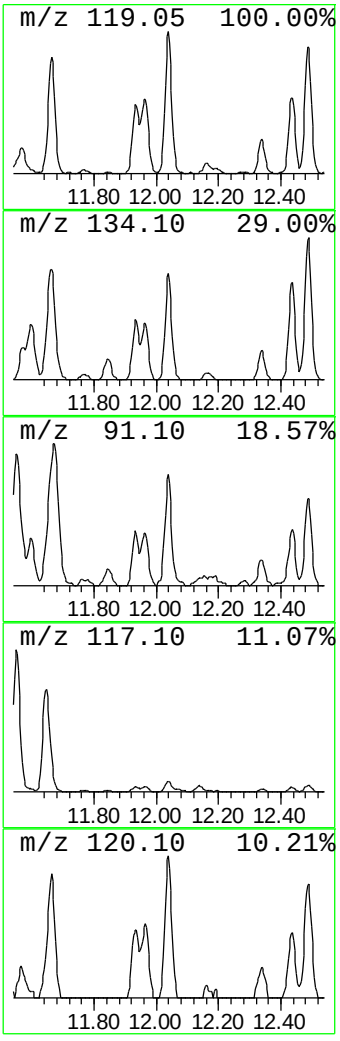
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.95 ug/L	105088	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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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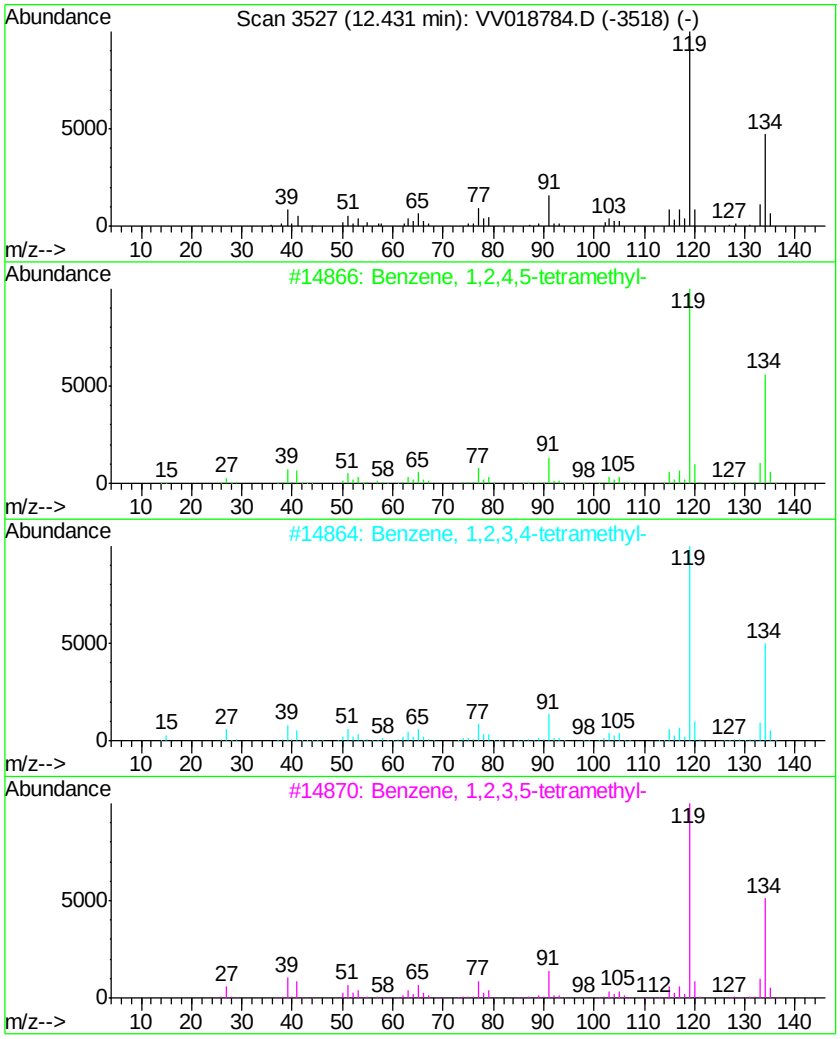
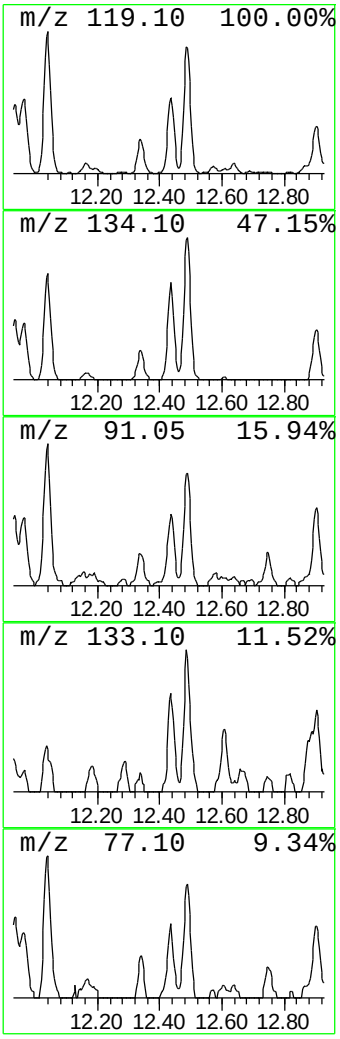
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.77 ug/L	58882	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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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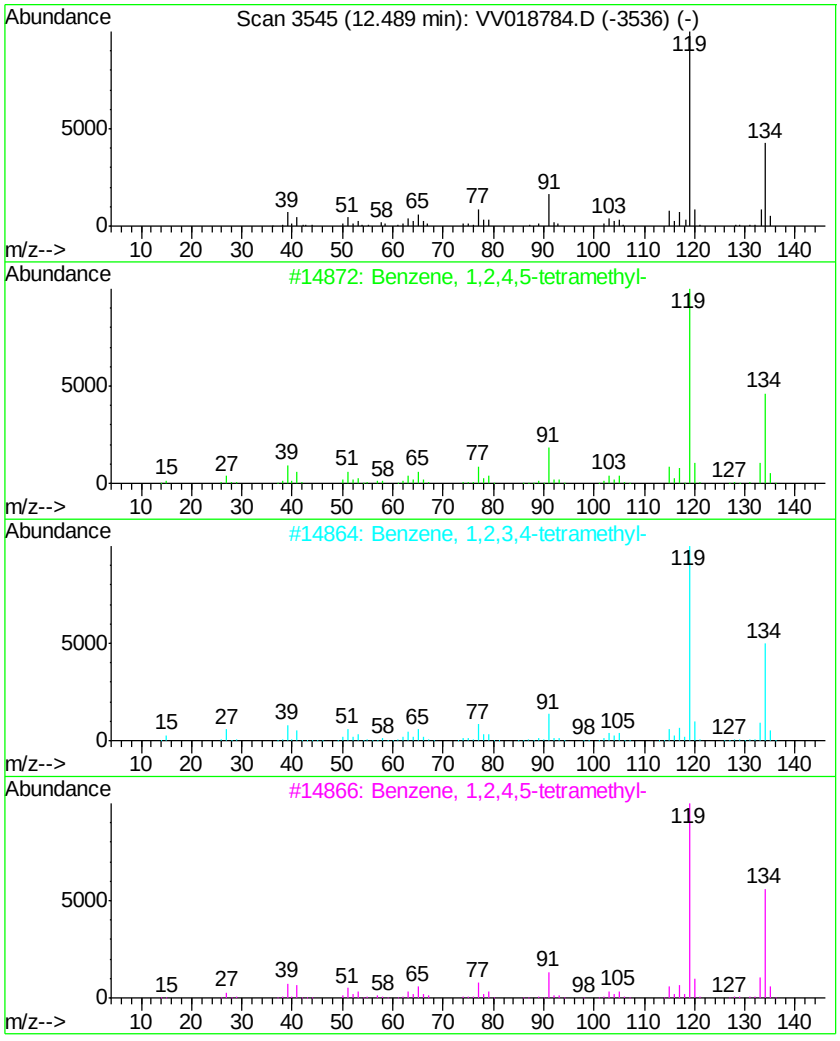
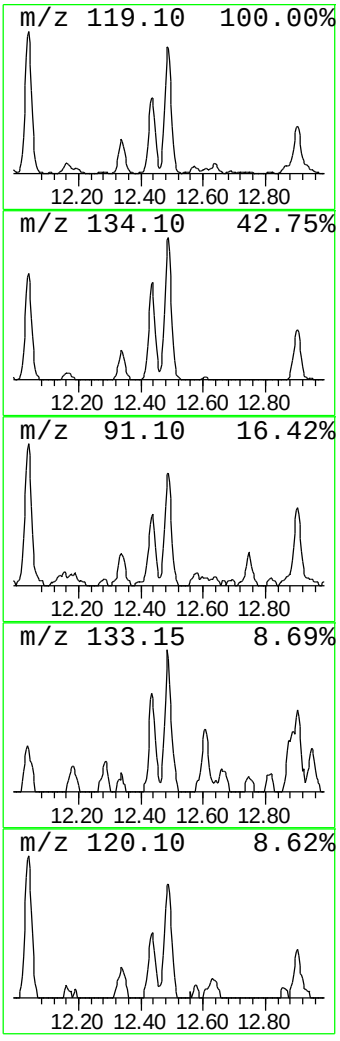
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.52 ug/L	96056	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

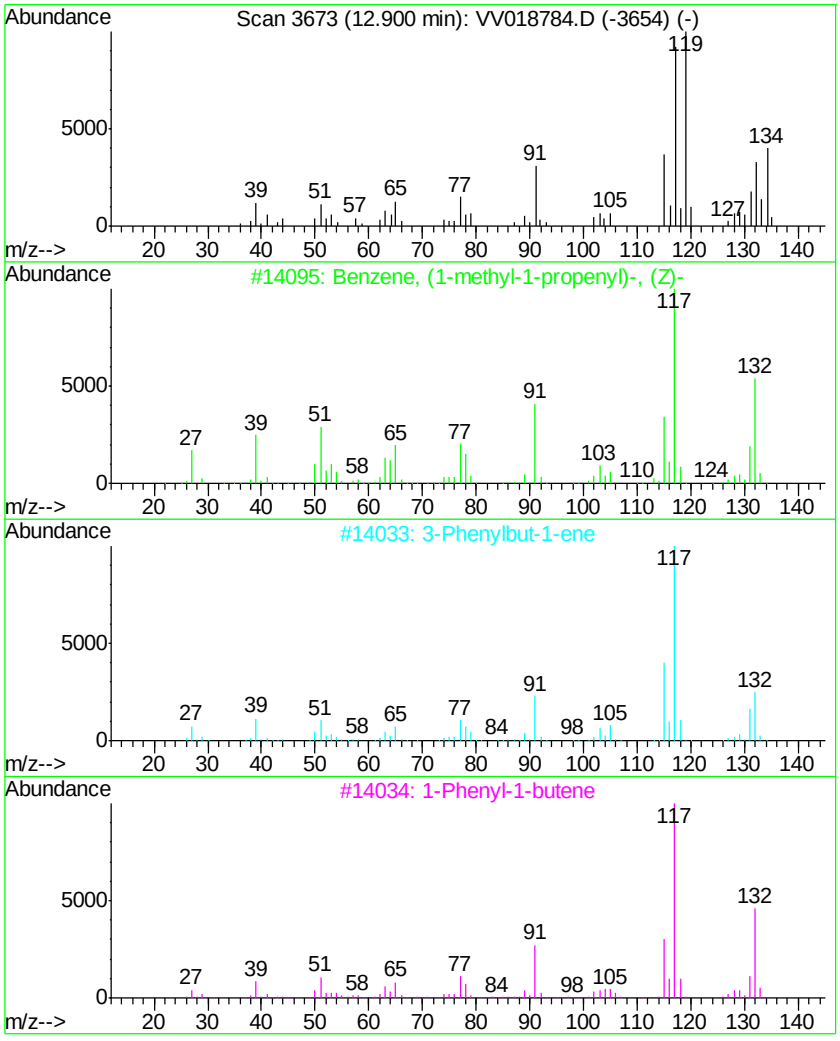
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

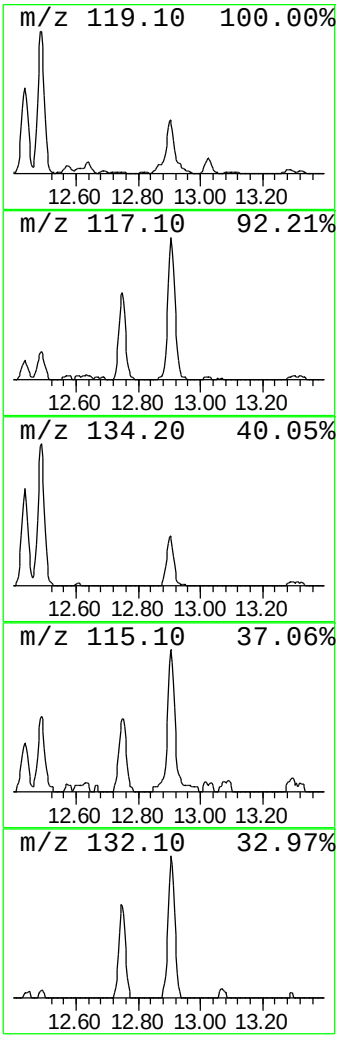
****

Peak Number 18 Benzene, (1-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.38 ug/L	93087	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	49
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	46
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	46
5	o-Cymene	134	C10H14	000527-84-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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

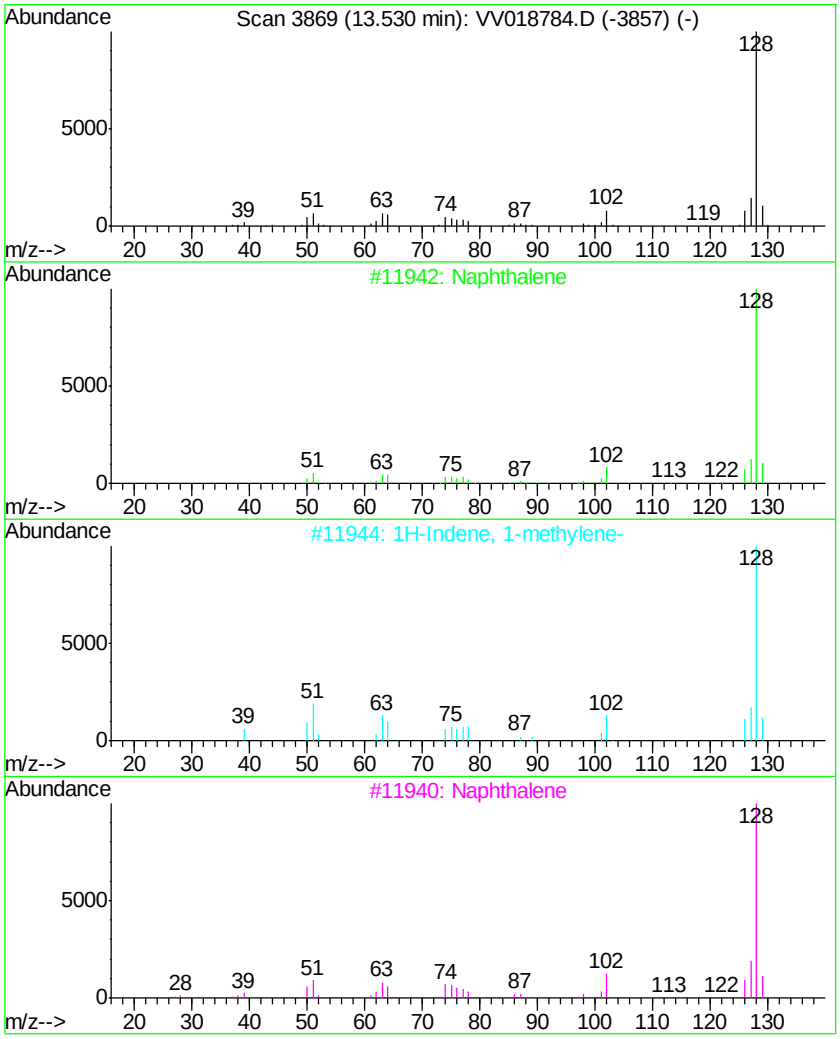
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

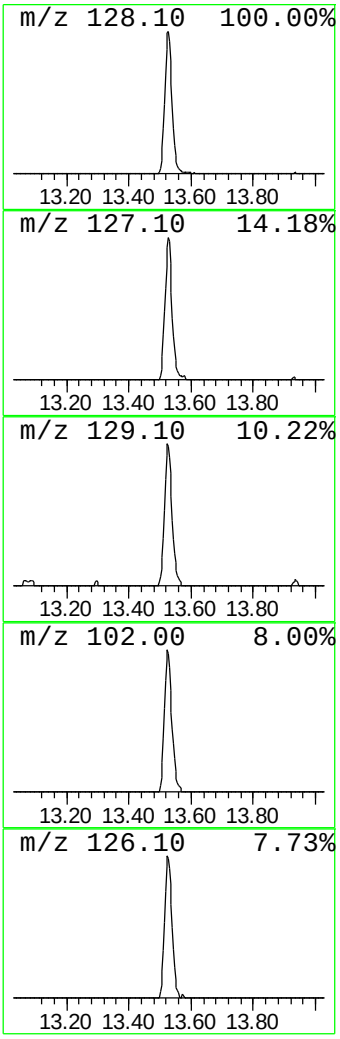
****

Peak Number 19 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	6.73 ug/L	142861	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018784.D
Acq On : 09 Oct 2020 01:02
Operator : SY/MD
Sample : L4239-10DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P5DL

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	27.7	ug/L	444158	1	5.64	802533	50.0
(DEL) Alkane: Str...	2.78	44.7	ug/L	717342	1	5.64	802533	50.0
(DEL) Alkane: Str...	3.06	97.7	ug/L	1568830	1	5.64	802533	50.0
(DEL) Alkane: Cyc...	3.79	49.6	ug/L	796922	1	5.64	802533	50.0
Benzene, propyl-	10.37	13.9	ug/L	294383	3	11.27	1062010	50.0
Benzene, 1-ethyl-...	10.47	81.8	ug/L	1738400	3	11.27	1062010	50.0
Benzene, 1,2,3-tr...	10.56	30.4	ug/L	645408	3	11.27	1062010	50.0
4-Heptanone, 2,6-...	10.71	35.8	ug/L	761156	3	11.27	1062010	50.0
Benzene, 1-ethyl-...	10.76	26.2	ug/L	556507	3	11.27	1062010	50.0
Benzene, 1,2,4-tr...	10.94	93.2	ug/L	1979180	3	11.27	1062010	50.0
Mesitylene	11.36	22.8	ug/L	484706	3	11.27	1062010	50.0
Indane	11.55	9.8	ug/L	207035	3	11.27	1062010	50.0
Benzene, 2-ethyl-...	11.93	2.6	ug/L	56322	3	11.27	1062010	50.0
Benzene, 4-ethyl-...	12.04	5.0	ug/L	105088	3	11.27	1062010	50.0
Benzene, 1,2,4,5-...	12.43	2.8	ug/L	58882	3	11.27	1062010	50.0
Benzene, 1,2,3,4-...	12.49	4.5	ug/L	96056	3	11.27	1062010	50.0
Benzene, (1-methy...	12.90	4.4	ug/L	93087	3	11.27	1062010	50.0
Azulene	13.53	6.7	ug/L	142861	3	11.27	1062010	50.0