LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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	82	rBV	230603	225959	2.63%	0.698%
2	1.576	144	151	167	rVB	193040	217107	2.53%	0.670%
3	2.123	310	321	348	rVB	376966	579400	6.75%	1.789%
4	2.547	429	453	474	rBV	210992	438254	5.11%	1.353%
5	2.672	490	492	495	rBV3	426	336	0.00%	0.001%
6	2.778	509	525	550	rBV	398075	802190	9.35%	2.477%
7	2.907	561	565	568	rBV3	671	548	0.01%	0.002%
8	3.061	598	613	640	rBV	698762	1385877	16.15%	4.279%
9	3.296	681	686	700	rVB4	6333	12413	0.14%	0.038%
10	3.393	704	716	727	rBV6	4173	8813	0.10%	0.027%
11	3.466	732	739	741	rBV6	2020	2156	0.03%	0.007%
12	3.566	755	770	776	rBV4	9312	22155	0.26%	0.068%
13	3.695	800	810	820	rBV5	4152	8846	0.10%	0.027%
14	3.788	822	839	861	rVV	359450	896830	10.45%	2.769%
15	3.933	864	884	921	rVV2	193943	716035	8.34%	2.211%
16	4.373	1005	1021	1046	rBV	229713	569575	6.64%	1.759%
17	4.489	1050	1057	1070	rVV6	5055	10576	0.12%	0.033%
18	4.634	1083	1102	1117	rBV	342262	862854	10.05%	2.664%
19	4.891	1177	1182	1186	rVB4	702	590	0.01%	0.002%
20	4.962	1202	1204	1209	rVB3	685	530	0.01%	0.002%
21	5.071	1219	1238	1273	rBV2	566442	1468540	17.11%	4.535%
22	5.347	1321	1324	1329	rBV4	481	381	0.00%	0.001%
23	5.441	1349	1353	1359	rVB5	476	533	0.01%	0.002%
24	5.573	1391	1394	1402	rVB3	382	369	0.00%	0.001%
25	5.640	1402	1415	1437	rBV	384930	762226	8.88%	2.354%
26	5.830	1471	1474	1476	rBV3	1123	668	0.01%	0.002%
27	5.884	1488	1491	1493	rBV2	654	462	0.01%	0.001%
28	5.929	1494	1505	1527	rVB3	29177	61483	0.72%	0.190%
29	6.093	1541	1556	1586	rBV	328050	664089	7.74%	2.051%
30	6.232	1596	1599	1608	rBV8	984	1581	0.02%	0.005%
31	6.302	1618	1621	1623	rBV3	676	408	0.00%	0.001%
32	6.402	1650	1652	1655	rVV2	653	392	0.00%	0.001%
33	6.425	1655	1659	1661	rVV2	515	377	0.00%	0.001%
34	6.608	1712	1716	1719	rBV2	366	337	0.00%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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	6.708	1745	1747	1753	rVV2	686	467	0.01%	0.001%
36	6.749	1757	1760	1767	rVB4	390	455	0.01%	0.001%
37	6.794	1770	1774	1779	rBV2	501	493	0.01%	0.002%
38	6.949	1817	1822	1827	rBV2	528	529	0.01%	0.002%
39	7.007	1829	1840	1864	rBV	178821	325238	3.79%	1.004%
40	7.270	1911	1922	1924	rBV5	2542	3945	0.05%	0.012%
41	7.338	1931	1943	1953	rBV	668756	1136489	13.24%	3.509%
42	7.408	1953	1965	1993	rVB	5106101	8581946	100.00%	26.500%
43	7.640	2025	2037	2058	rBV	129856	224735	2.62%	0.694%
44	7.804	2086	2088	2093	rVB2	756	489	0.01%	0.002%
45	7.830	2093	2096	2101	rBV2	534	531	0.01%	0.002%
46	7.881	2105	2112	2116	rBV5	602	751	0.01%	0.002%
47	8.000	2141	2149	2158	rVB7	6375	10726	0.12%	0.033%
48	8.055	2163	2166	2171	rBV3	546	370	0.00%	0.001%
49	8.106	2171	2182	2225	rBV	347341	654076	7.62%	2.020%
50	8.415	2276	2278	2282	rVB3	474	356	0.00%	0.001%
51	8.437	2282	2285	2289	rBV2	943	602	0.01%	0.002%
52	8.871	2408	2420	2451	rBV	584370	955077	11.13%	2.949%
53	9.035	2460	2471	2484	rBV	85668	134029	1.56%	0.414%
54	9.158	2497	2509	2528	rBV	296925	481577	5.61%	1.487%
55	9.463	2600	2604	2611	rVB3	441	358	0.00%	0.001%
56	9.566	2624	2636	2657	rBV	180686	289060	3.37%	0.893%
57	9.781	2693	2703	2708	rBV4	2661	3628	0.04%	0.011%
58	9.955	2747	2757	2767	rBV2	13095	20398	0.24%	0.063%
59	10.010	2771	2774	2779	rVB3	476	429	0.00%	0.001%
60	10.151	2810	2818	2833	rBV3	5878	10879	0.13%	0.034%
61	10.235	2833	2844	2867	rVB	368830	576955	6.72%	1.782%
62	10.328	2870	2873	2877	rVB3	496	459	0.01%	0.001%
63	10.376	2877	2888	2901	rBV	25971	41101	0.48%	0.127%
64	10.469	2906	2917	2936	rBV	143422	288915	3.37%	0.892%
65	10.559	2936	2945	2968	rVB	57095	88387	1.03%	0.273%
66	10.649	2971	2973	2978	rVB2	484	356	0.00%	0.001%
67	10.714	2978	2993	3003	rBV	3929931	5722428	66.68%	17.670%
68	10.936	3051	3062	3082	rVB	280459	427234	4.98%	1.319%
69	11.039	3084	3094	3111	rBV	94211	150856	1.76%	0.466%
70	11.190	3138	3141	3143	rBV3	675	504	0.01%	0.002%
71	11.212	3143	3148	3154	rVV5	3114	3929	0.05%	0.012%

LSC Area Percent Report

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Sample : L4239-08 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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	11.270	3154	3166	3183	rVV	636739	976753	11.38%	3.016%
73	11.357	3183	3193	3212	rVB	98982	155384	1.81%	0.480%
74	11.469	3219	3228	3236	rBV2	4214	7383	0.09%	0.023%
75	11.550	3243	3253	3263	rBV	54851	87851	1.02%	0.271%
76	11.646	3272	3283	3302	rVB	707740	1115381	13.00%	3.444%
77	11.768	3318	3321	3327	rVB6	976	842	0.01%	0.003%
78	11.842	3338	3344	3352	rVB3	3437	4607	0.05%	0.014%
79	11.936	3365	3373	3378	rBV3	6627	10654	0.12%	0.033%
80	11.961	3378	3381	3392	rVB2	6703	8680	0.10%	0.027%
81	12.039	3395	3405	3414	rBV	13433	19957	0.23%	0.062%
82	12.112	3423	3428	3430	rBV4	534	437	0.01%	0.001%
83	12.141	3432	3437	3440	rBV3	990	861	0.01%	0.003%
84	12.260	3470	3474	3476	rBV4	595	507	0.01%	0.002%
85	12.338	3492	3498	3506	rVB7	3202	4670	0.05%	0.014%
86	12.434	3522	3528	3537	rVV3	8076	11742	0.14%	0.036%
87	12.489	3537	3545	3557	rVB2	12137	17883	0.21%	0.055%
88	12.566	3565	3569	3570	rBV	803	575	0.01%	0.002%
89	12.611	3577	3583	3588	rBV5	1010	1027	0.01%	0.003%
90	12.633	3588	3590	3593	rBV2	451	352	0.00%	0.001%
91	12.903	3661	3674	3687	rBV7	7437	13028	0.15%	0.040%
92	13.238	3774	3778	3780	rBV2	505	370	0.00%	0.001%
93	13.292	3786	3795	3800	rBV7	2110	3025	0.04%	0.009%
94	13.424	3831	3836	3843	rVV2	1361	1807	0.02%	0.006%
95	13.527	3857	3868	3885	rBV	47659	76773	0.89%	0.237%
96	13.733	3926	3932	3933	rBV2	463	454	0.01%	0.001%
97	13.772	3940	3944	3948	rBV3	566	544	0.01%	0.002%
98	14.038	4025	4027	4030	rBV2	543	420	0.00%	0.001%
99	15.038	4335	4338	4342	rBV3	547	498	0.01%	0.002%
100	15.132	4364	4367	4373	rVB4	607	467	0.01%	0.001%

Sum of corrected areas: 32384579

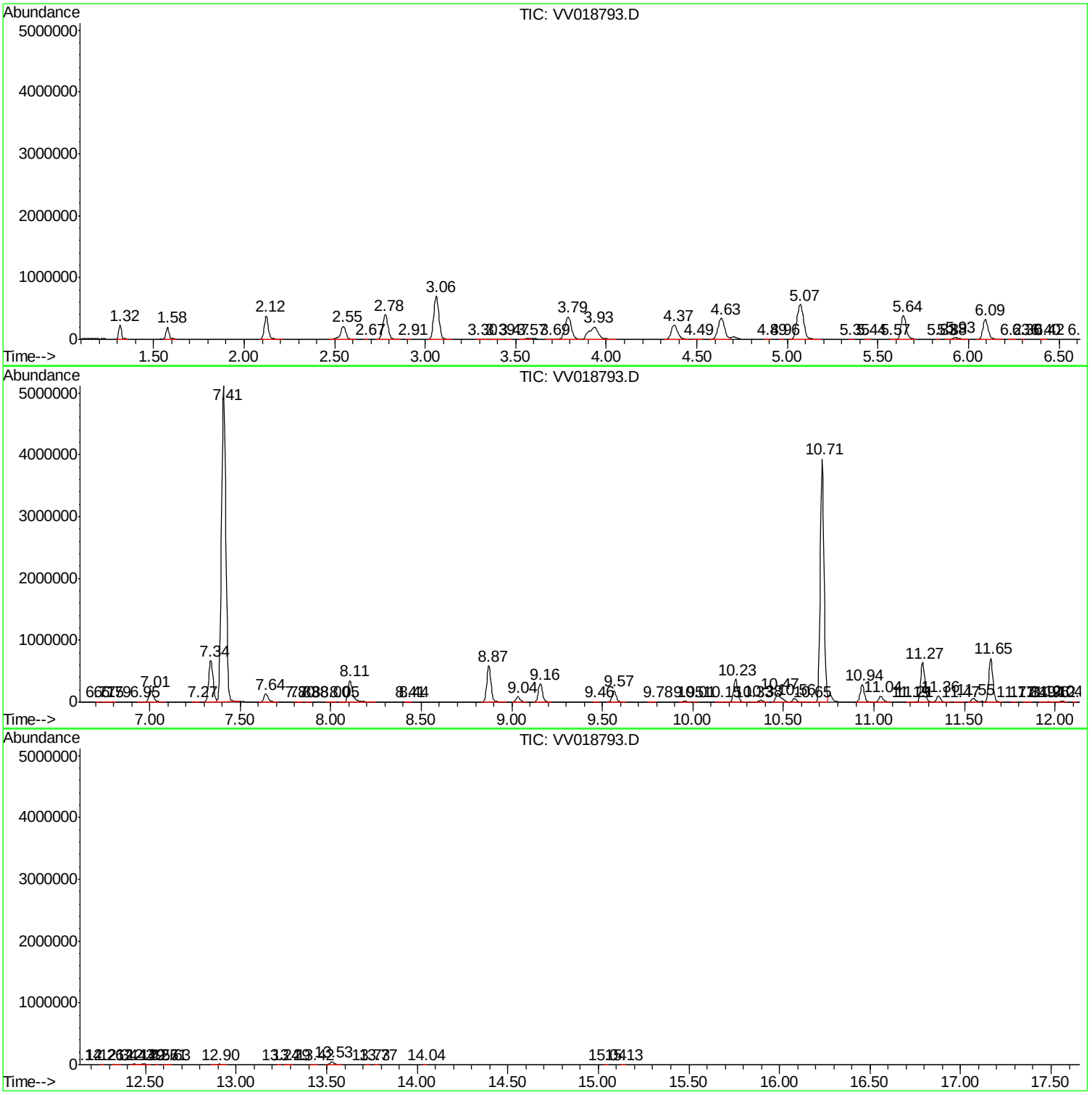
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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

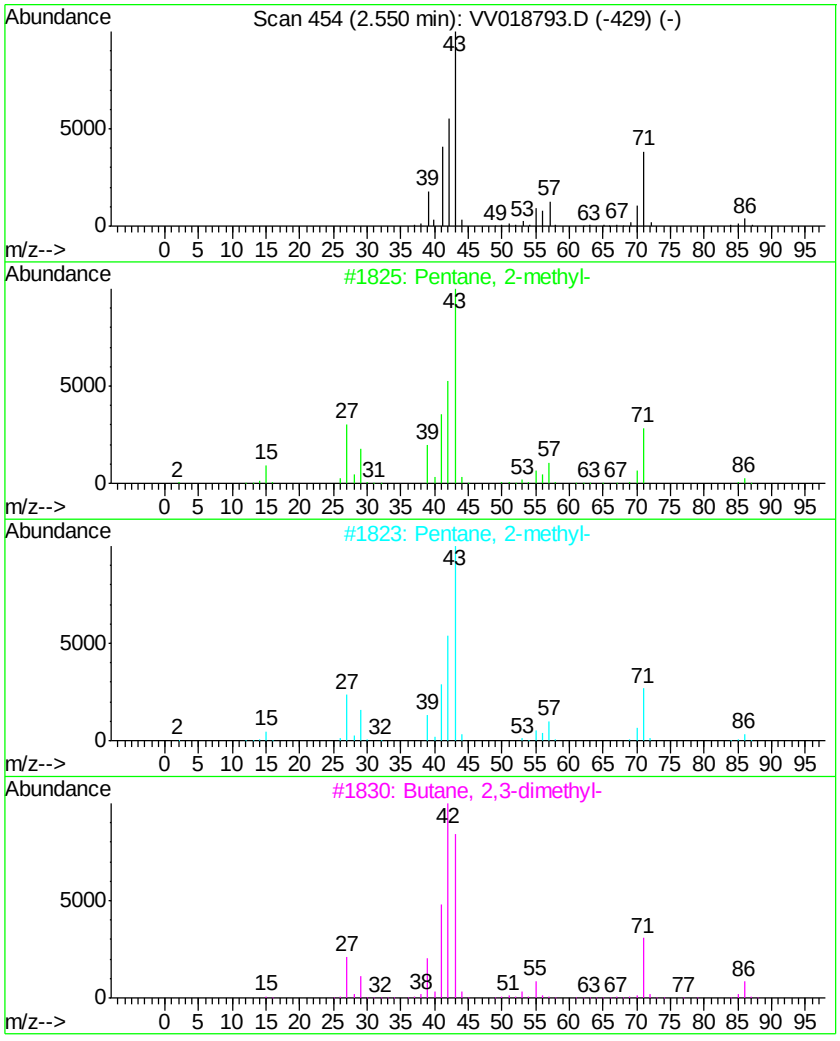
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

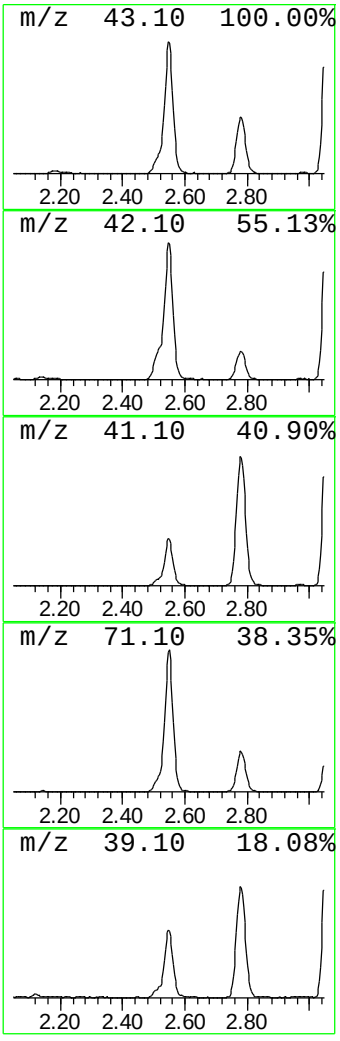
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	28.75 ug/L	438254	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	64
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
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 : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

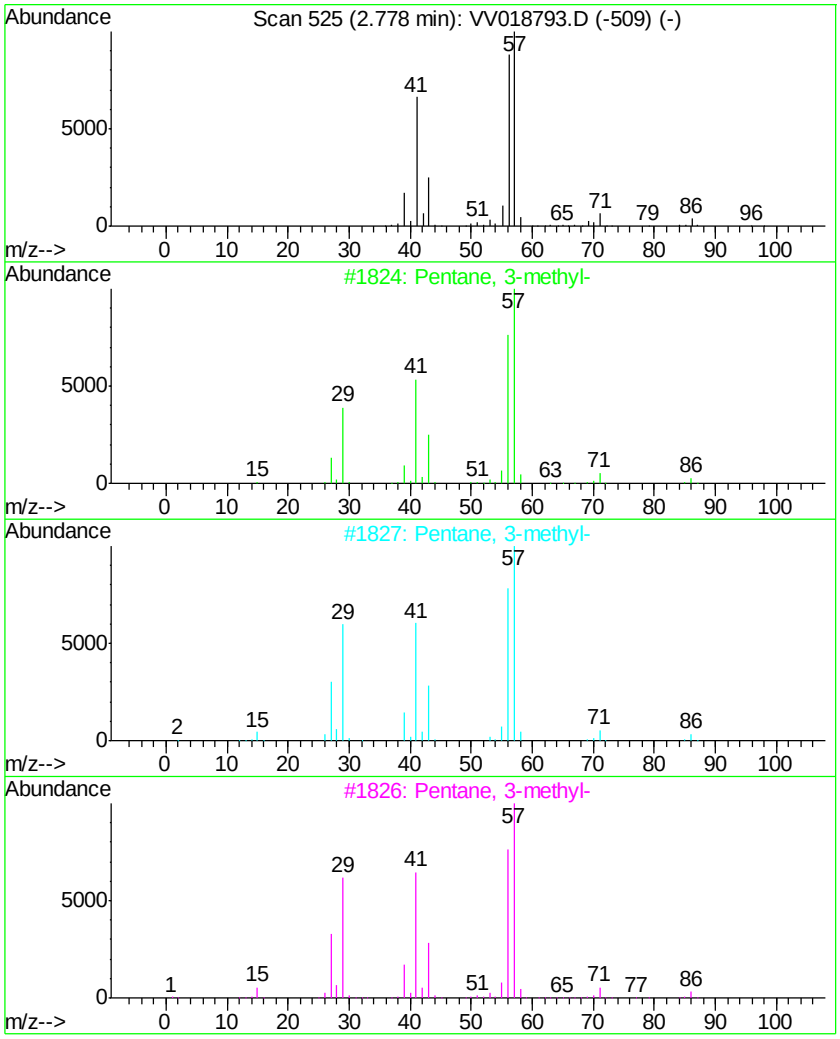
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

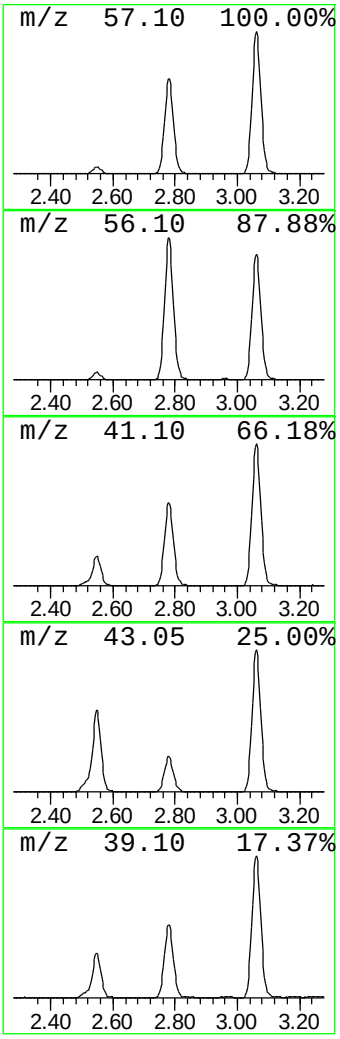
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	52.62 ug/L	802190	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	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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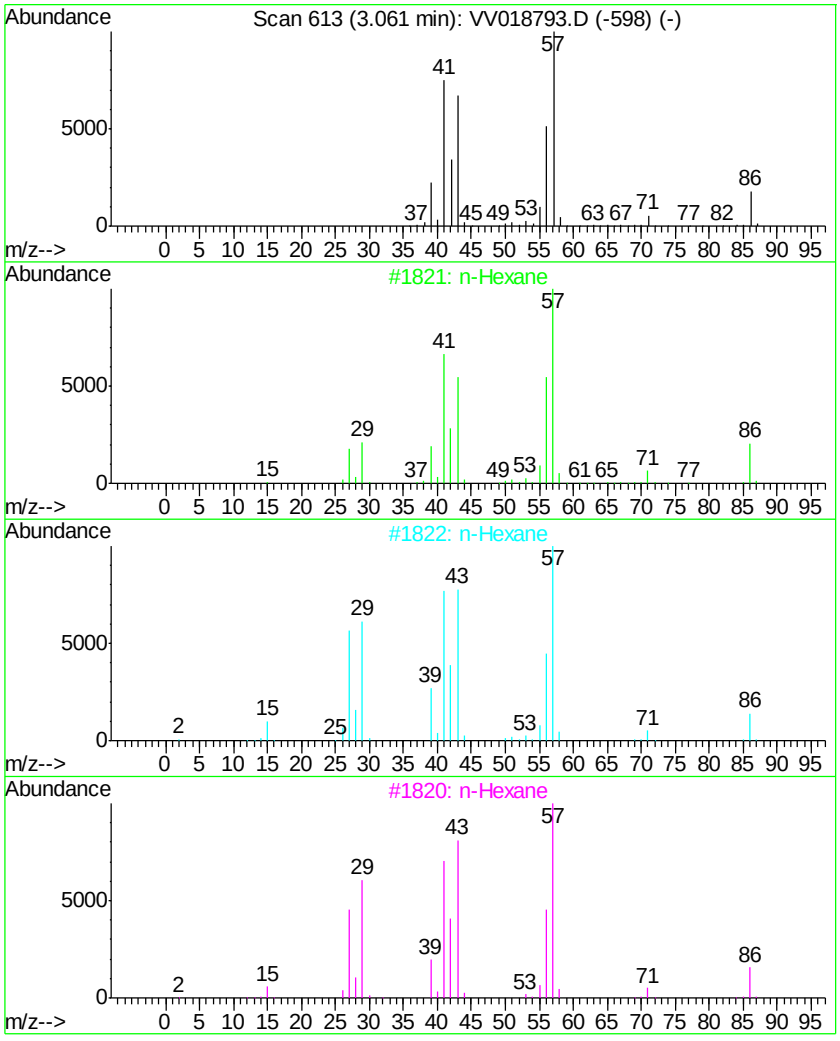
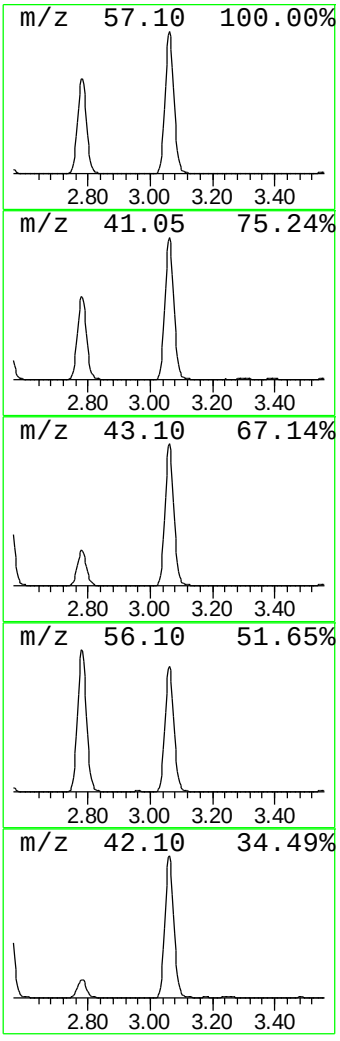
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	90.91 ug/L	1385880	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	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	40





Library Search Compound Report

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Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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

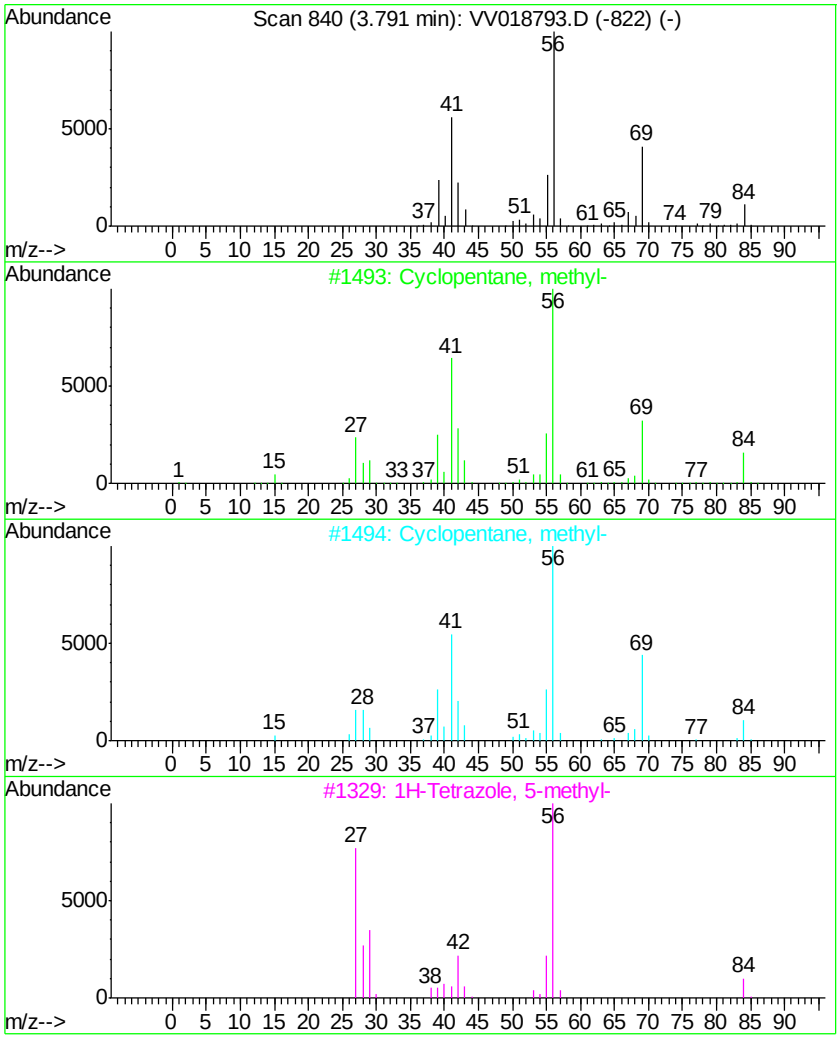
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

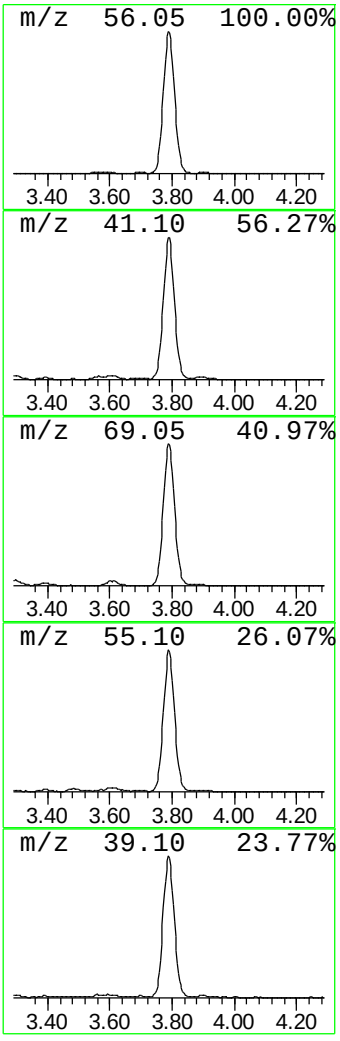
****

Peak Number 4 (DEL) Alkane: Cyclic3.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	58.83 ug/L	896830	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
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	64





Library Search Compound Report

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Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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

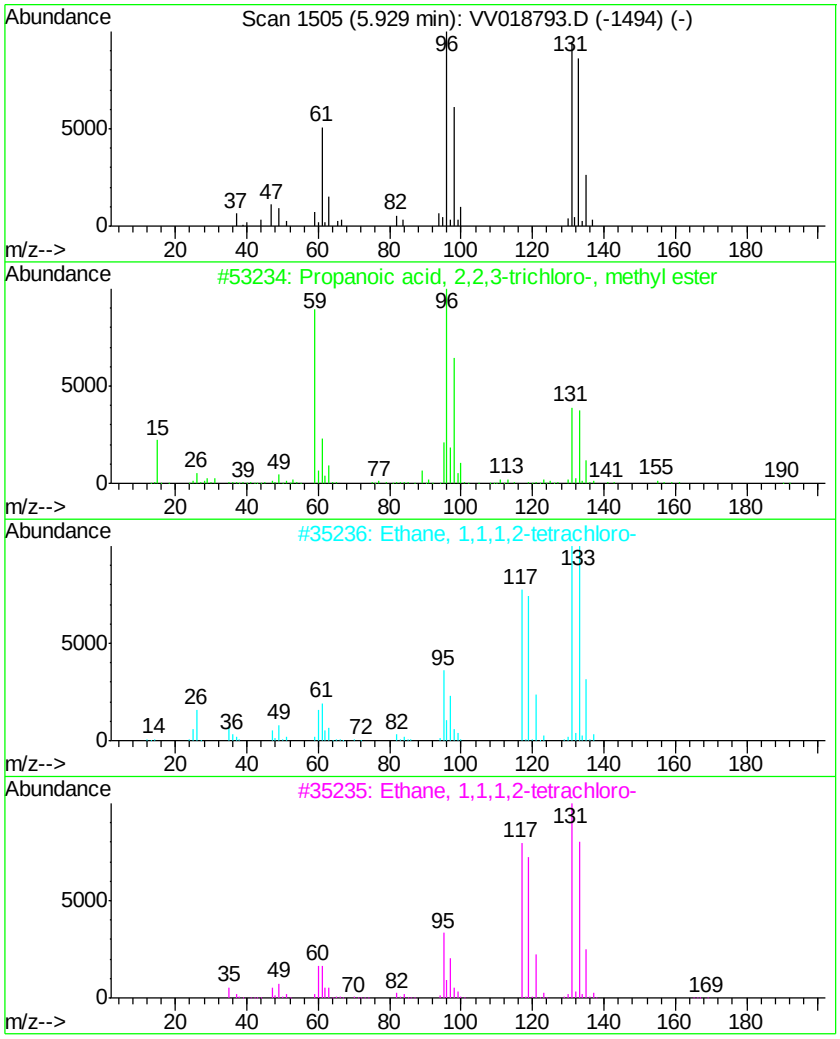
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

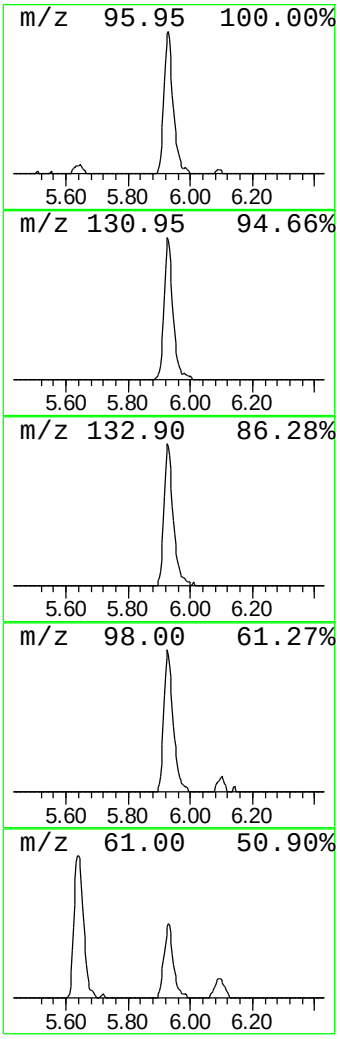
****

Peak Number 5 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.03 ug/L	61483	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	39
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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

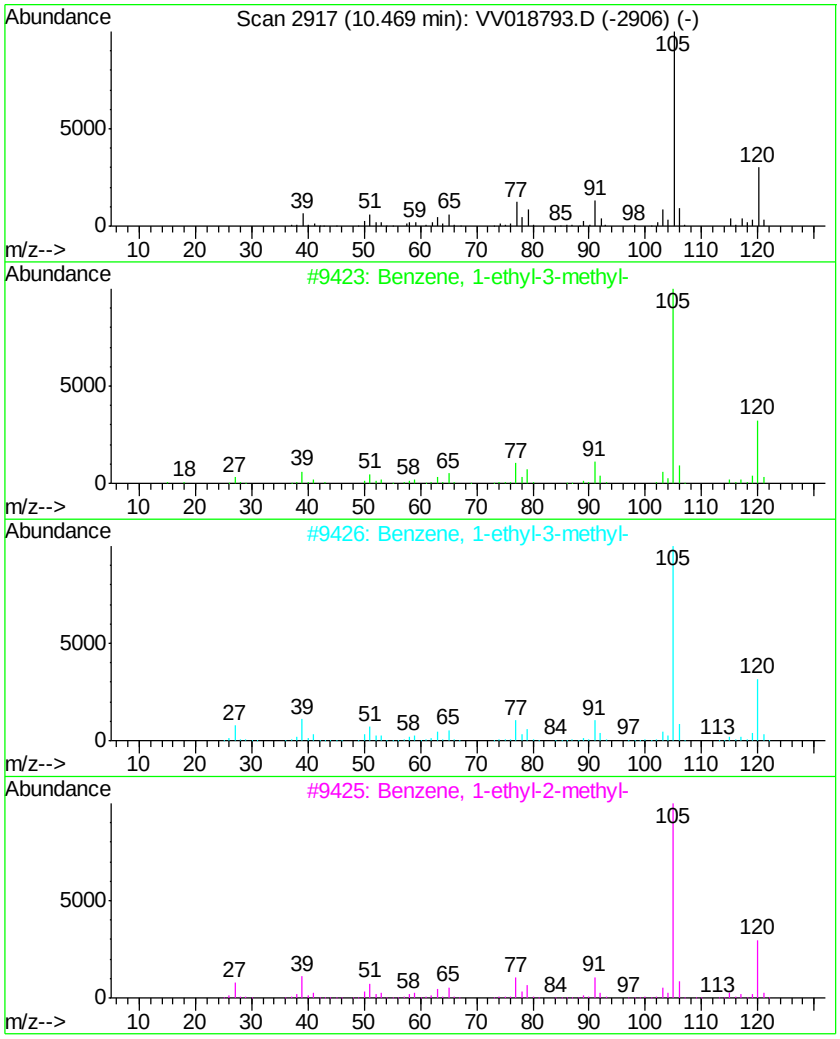
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

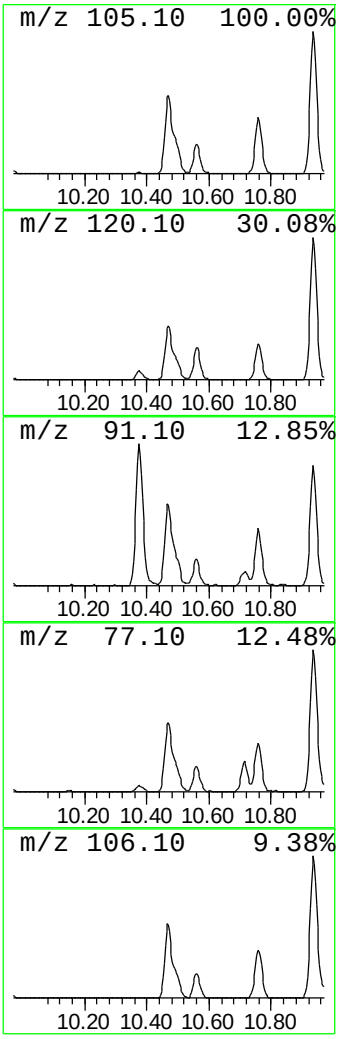
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	14.79 ug/L	288915	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	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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

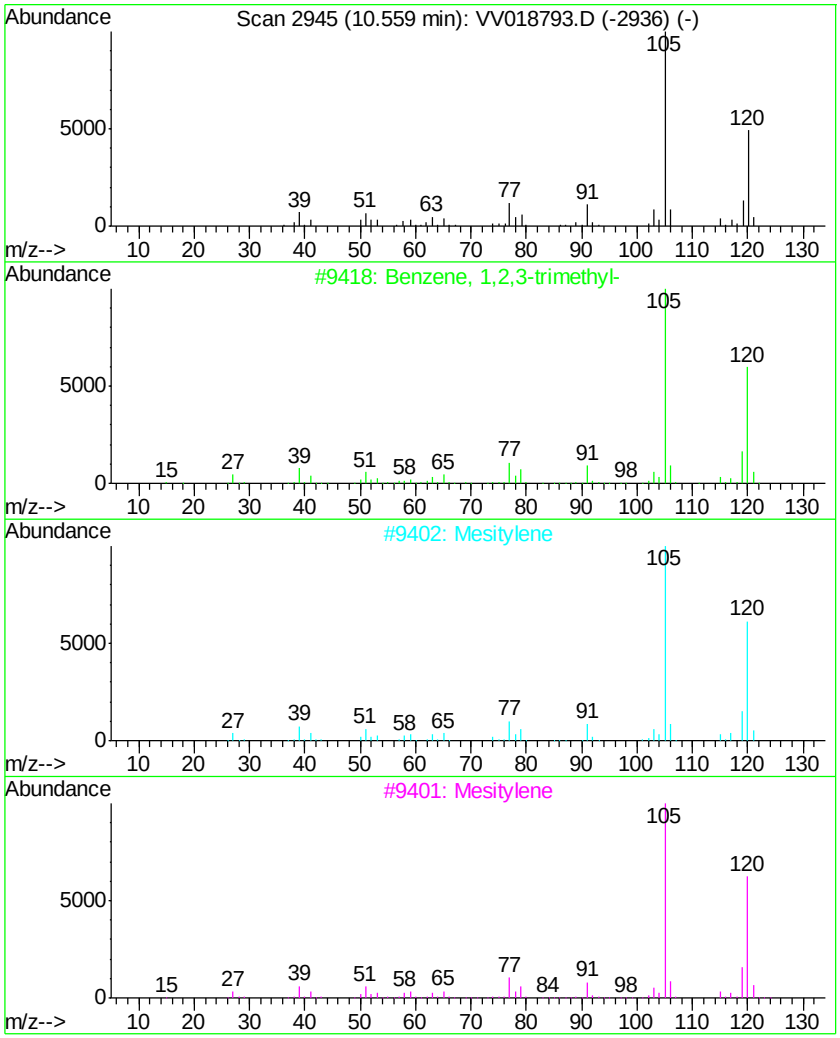
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

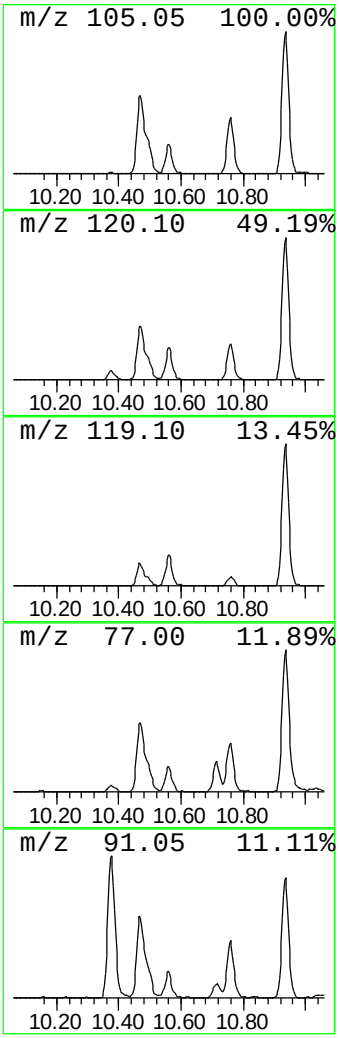
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.52 ug/L	88387	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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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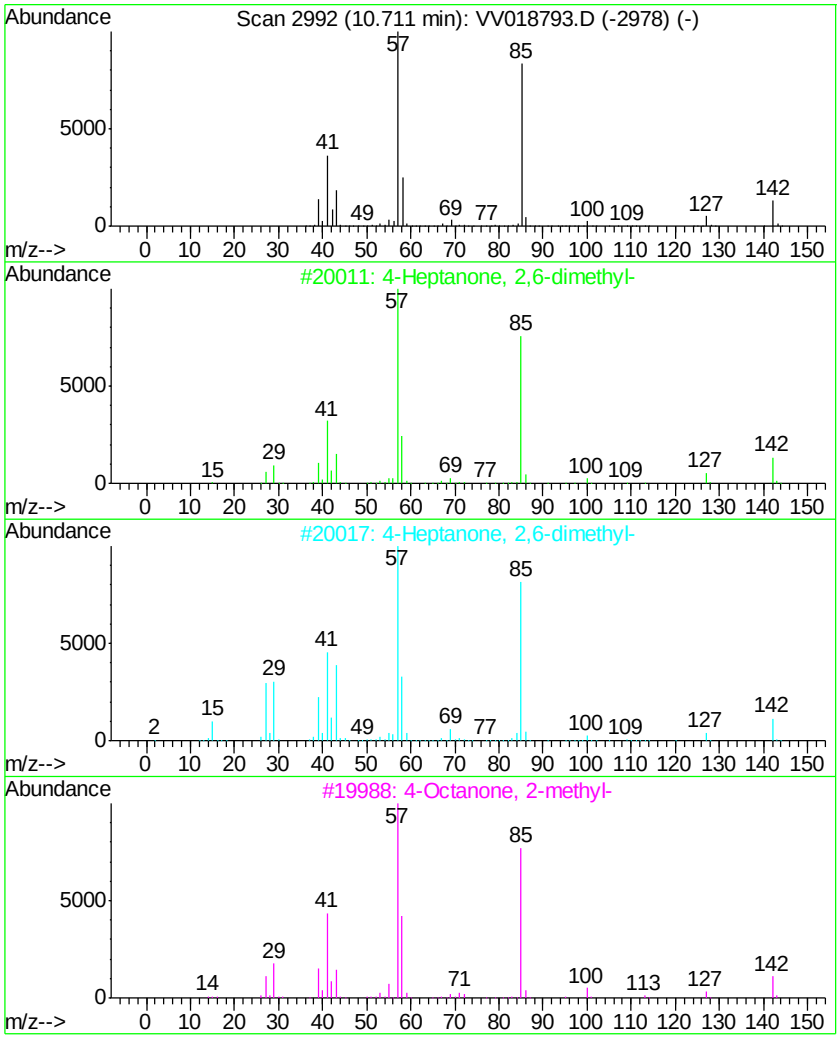
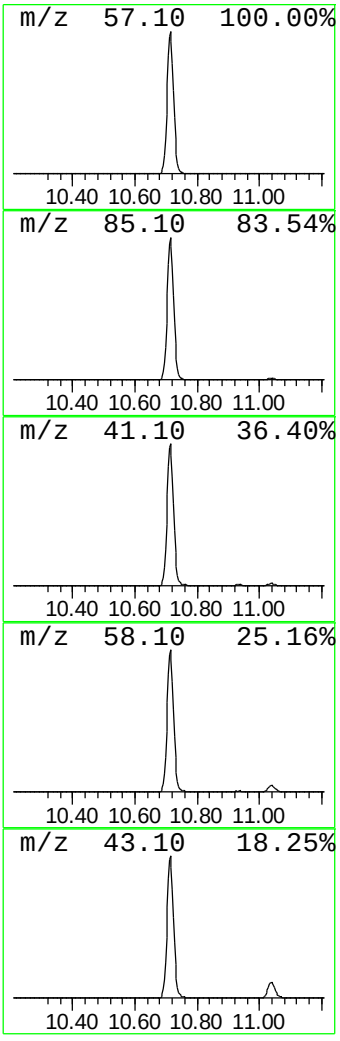
Peak Number 9 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	292.93 ug/L	5722430	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	90
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	5-Nonanone	142	C9H18O	000502-56-7	59





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Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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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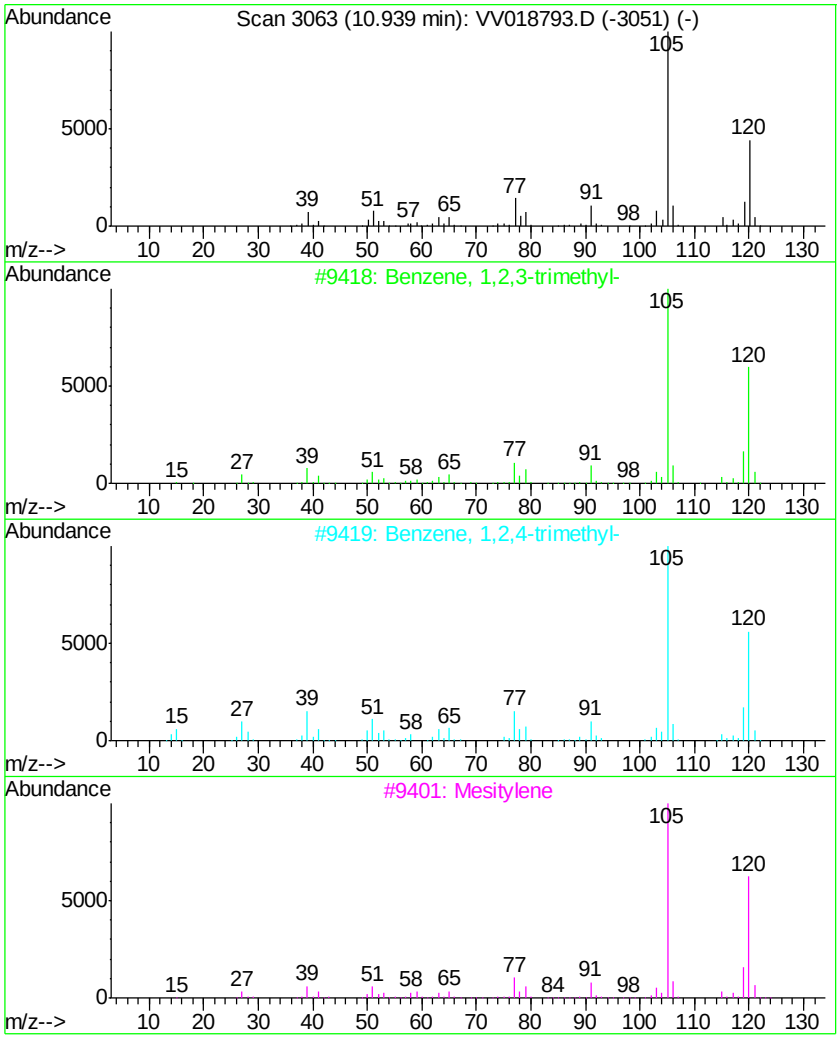
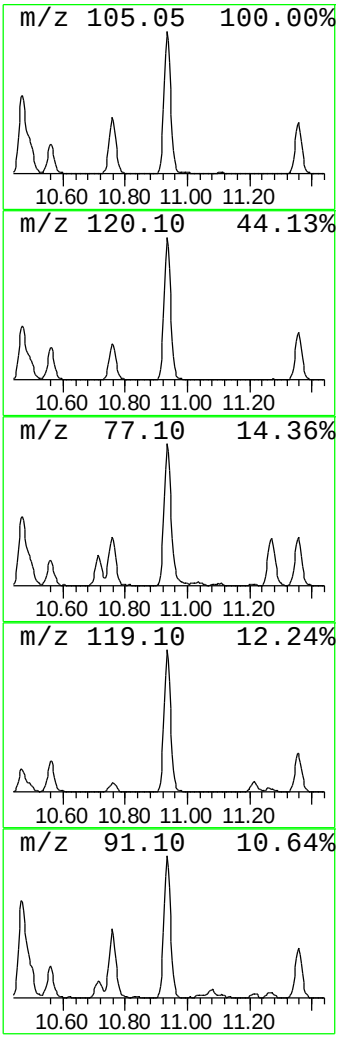
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	21.87 ug/L	427234	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	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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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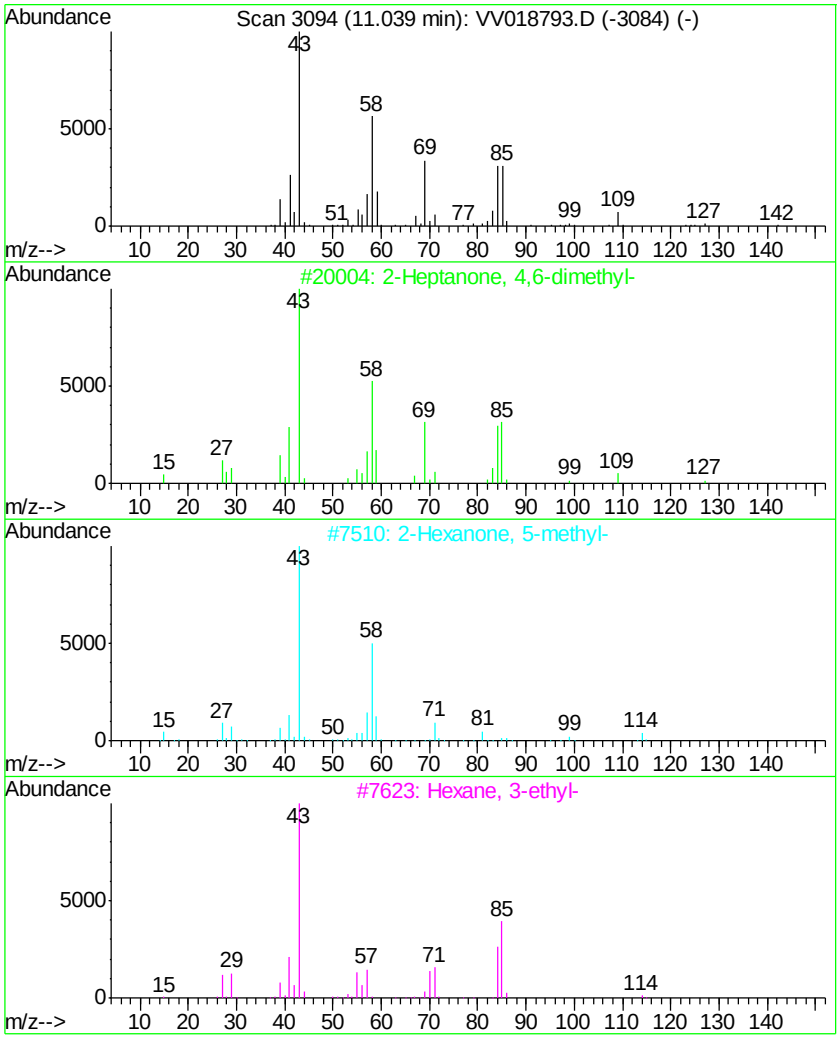
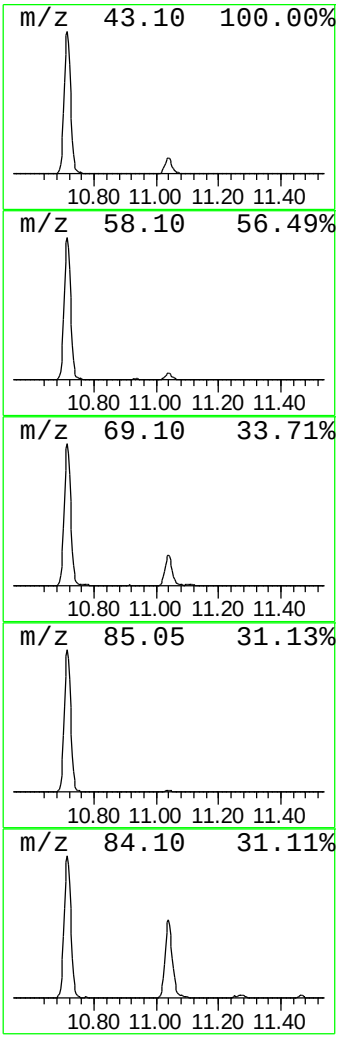
Peak Number 11 2-Heptanone, 4,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	7.72 ug/L	150856	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, 5-methyl-	114	C7H14O	000110-12-3	50
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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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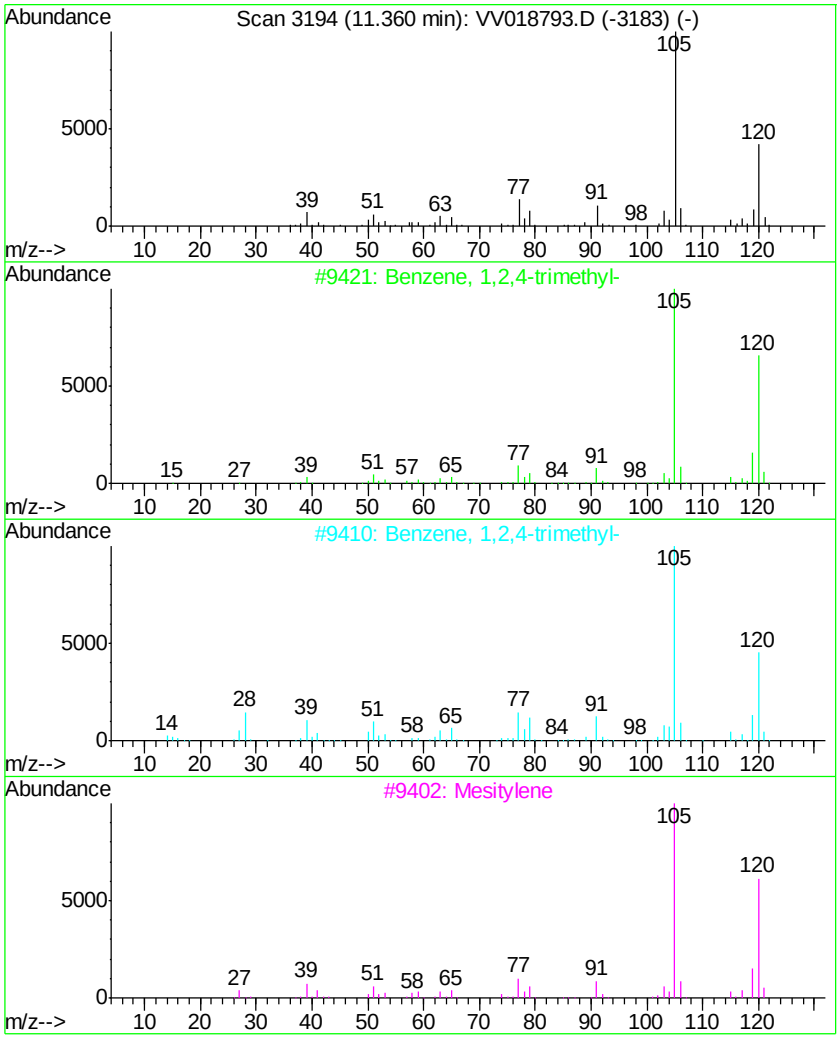
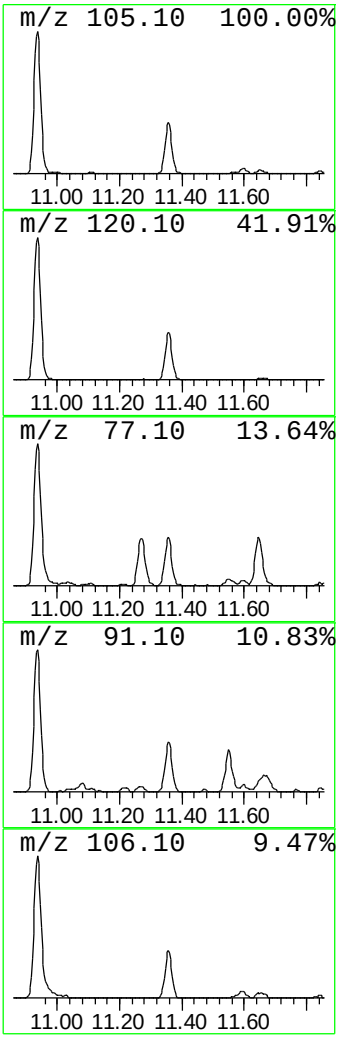
Peak Number 12 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	7.95 ug/L	155384	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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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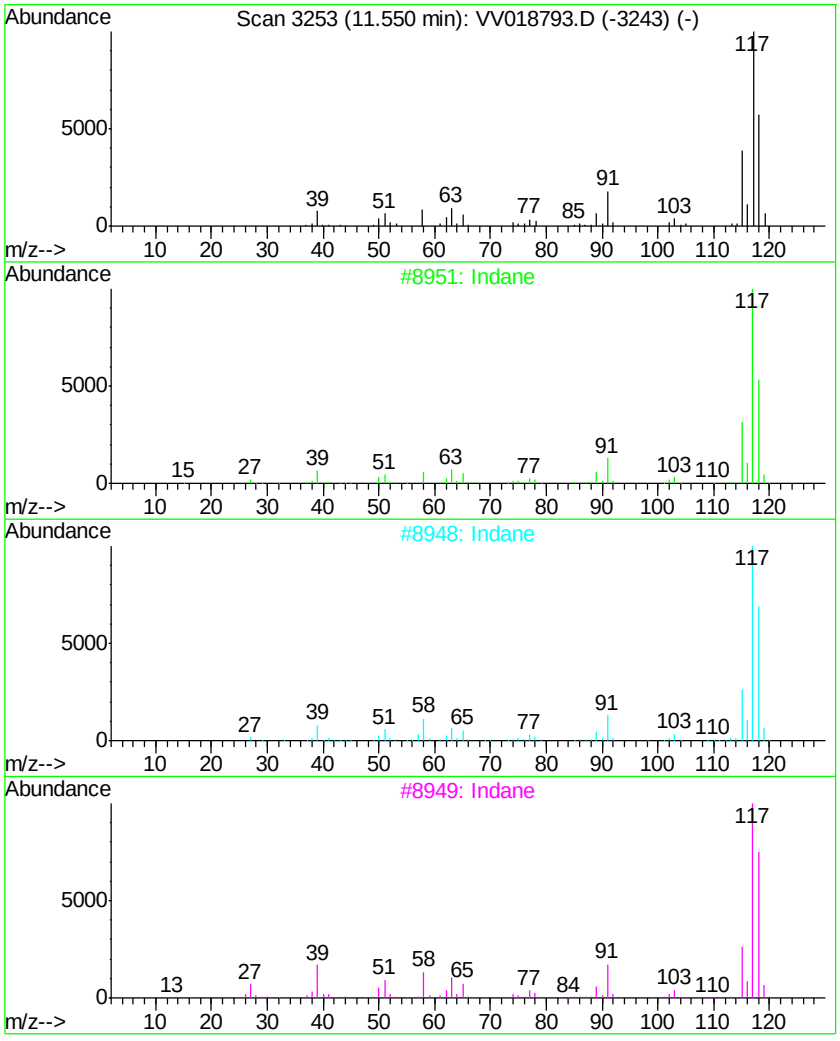
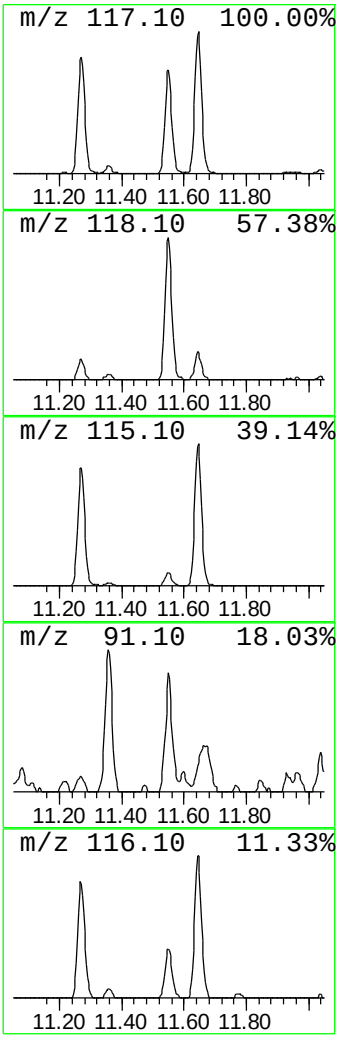
Peak Number 13 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.50 ug/L	87851	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	90
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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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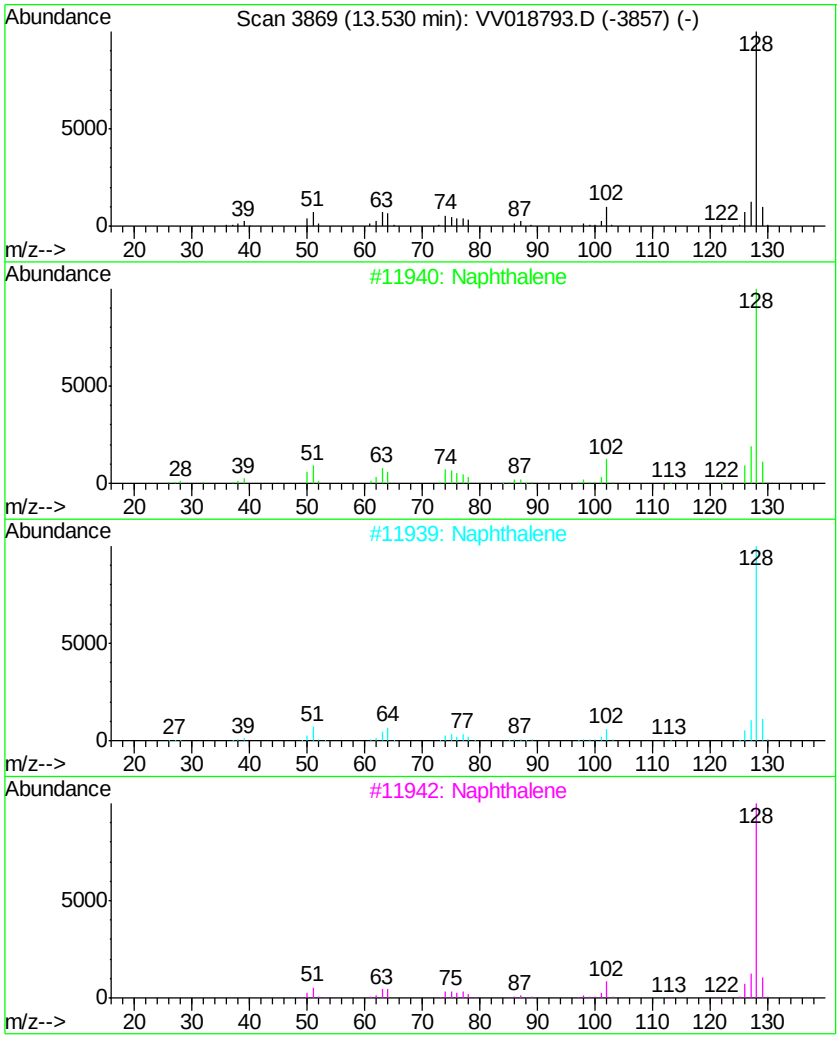
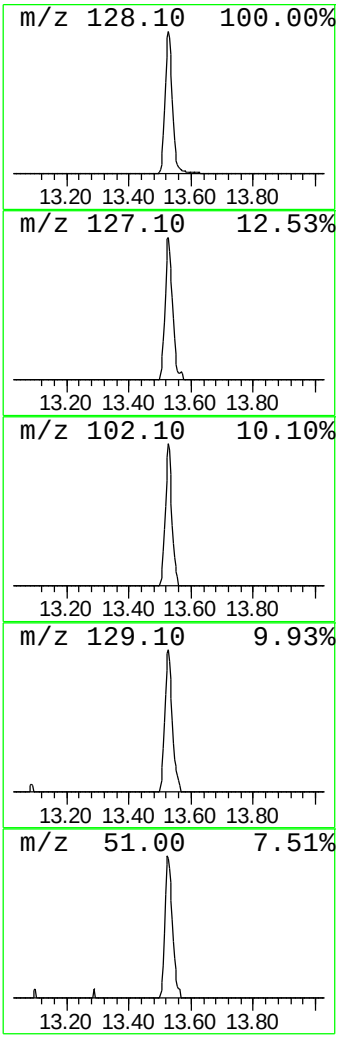
Peak Number 14 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.93 ug/L	76773	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	Azulene	128	C10H8	000275-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018793.D
Acq On : 09 Oct 2020 04:35
Operator : SY/MD
Sample : L4239-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N9

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	28.8	ug/L	438254	1	5.64	762226	50.0
(DEL) Alkane: Str...	2.78	52.6	ug/L	802190	1	5.64	762226	50.0
(DEL) Alkane: Str...	3.06	90.9	ug/L	1385880	1	5.64	762226	50.0
(DEL) Alkane: Cyc...	3.79	58.8	ug/L	896830	1	5.64	762226	50.0
unknown-01	5.93	4.0	ug/L	61483	1	5.64	762226	50.0
Benzene, 1-ethyl-...	10.47	14.8	ug/L	288915	3	11.27	976753	50.0
Benzene, 1,2,3-tr...	10.56	4.5	ug/L	88387	3	11.27	976753	50.0
4-Heptanone, 2,6-...	10.71	292.9	ug/L	5722430	3	11.27	976753	50.0
Benzene, 1,2,4-tr...	10.94	21.9	ug/L	427234	3	11.27	976753	50.0
2-Heptanone, 4,6-...	11.04	7.7	ug/L	150856	3	11.27	976753	50.0
Mesitylene	11.36	8.0	ug/L	155384	3	11.27	976753	50.0
Indane	11.55	4.5	ug/L	87851	3	11.27	976753	50.0
Azulene	13.53	3.9	ug/L	76773	3	11.27	976753	50.0