LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

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\SOMVLM092920WMA.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	83	rVB	118239	120829	0.59%	0.107%
2	1.579	144	152	164	rBV	116172	135220	0.66%	0.119%
3	2.116	309	319	331	rBV	240181	354492	1.74%	0.313%
4	2.544	425	452	471	rBV	1372809	2762202	13.54%	2.438%
5	2.775	507	524	552	rVV	2248755	4493159	22.03%	3.966%
6	2.965	571	583	594	rBV3	8381	17482	0.09%	0.015%
7	3.058	595	612	639	rBV	5647660	11201302	54.91%	9.887%
8	3.241	659	669	677	rBV2	17912	34488	0.17%	0.030%
9	3.383	703	713	727	rVB5	14841	32088	0.16%	0.028%
10	3.476	732	742	752	rBV3	8196	17096	0.08%	0.015%
11	3.563	753	769	794	rBV2	95064	306869	1.50%	0.271%
12	3.688	796	808	820	rVV3	59689	140563	0.69%	0.124%
13	3.785	821	838	859	rVB	1273950	3167915	15.53%	2.796%
14	3.920	871	880	911	rVB	70448	216833	1.06%	0.191%
15	4.373	1004	1021	1048	rBV2	171966	429306	2.10%	0.379%
16	4.701	1103	1123	1140	rBV3	109036	273334	1.34%	0.241%
17	4.933	1185	1195	1214	rVB6	6346	15803	0.08%	0.014%
18	5.068	1220	1237	1264	rBV2	413994	1052521	5.16%	0.929%
19	5.518	1367	1377	1394	rBV4	6950	15062	0.07%	0.013%
20	5.640	1402	1415	1445	rBV	389385	776632	3.81%	0.685%
21	5.926	1485	1504	1519	rVV5	12447	30527	0.15%	0.027%
22	6.093	1543	1556	1587	rBV	236378	492058	2.41%	0.434%
23	6.675	1722	1737	1751	rBV2	12889	26707	0.13%	0.024%
24	6.797	1762	1775	1788	rBV4	19598	41955	0.21%	0.037%
25	6.862	1789	1795	1804	rVB5	3581	6070	0.03%	0.005%
26	6.942	1812	1820	1827	rBV4	5113	8426	0.04%	0.007%
27	7.006	1829	1840	1862	rVV	135848	245367	1.20%	0.217%
28	7.100	1864	1869	1878	rVB7	4208	6058	0.03%	0.005%
29	7.283	1914	1926	1933	rBV3	34290	63890	0.31%	0.056%
30	7.338	1933	1943	1962	rVV	510336	871589	4.27%	0.769%
31	7.418	1962	1968	1975	rVV2	3613	5651	0.03%	0.005%
32	7.588	2013	2021	2029	rBV3	11814	18721	0.09%	0.017%
33	7.643	2029	2038	2065	rVV	100088	182490	0.89%	0.161%
34	7.807	2083	2089	2097	rVB4	2619	3999	0.02%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	7.897	2107	2117	2133	rVB4	6687	12968	0.06%	0.011%
36	8.000	2142	2149	2159	rVB8	3677	5781	0.03%	0.005%
37	8.109	2170	2183	2212	rBV	244785	488383	2.39%	0.431%
38	8.312	2238	2246	2254	rVB5	5852	9695	0.05%	0.009%
39	8.370	2260	2264	2272	rVB7	3182	4122	0.02%	0.004%
40	8.592	2324	2333	2337	rBV3	3428	5278	0.03%	0.005%
41	8.691	2355	2364	2371	rVB5	5254	9291	0.05%	0.008%
42	8.810	2388	2401	2409	rBV5	4843	8084	0.04%	0.007%
43	8.871	2409	2420	2445	rBV	604467	985031	4.83%	0.869%
44	9.032	2460	2470	2488	rBV	147477	233243	1.14%	0.206%
45	9.157	2497	2509	2522	rBV	741467	1183951	5.80%	1.045%
46	9.225	2524	2530	2553	rVB3	29211	58948	0.29%	0.052%
47	9.495	2607	2614	2622	rBV2	12863	17307	0.08%	0.015%
48	9.566	2625	2636	2657	rVB	189473	299837	1.47%	0.265%
49	9.694	2669	2676	2680	rBV4	5604	7370	0.04%	0.007%
50	9.730	2681	2687	2697	rVB3	16382	24523	0.12%	0.022%
51	9.820	2709	2715	2725	rBV8	9114	14356	0.07%	0.013%
52	9.952	2742	2756	2772	rBV	581510	885472	4.34%	0.782%
53	10.038	2776	2783	2791	rVB4	15150	23152	0.11%	0.020%
54	10.145	2808	2816	2827	rVB	74095	122668	0.60%	0.108%
55	10.238	2831	2845	2864	rBV	349890	586450	2.87%	0.518%
56	10.373	2875	2887	2904	rVB	2720662	4063386	19.92%	3.586%
57	10.469	2904	2917	2935	rBV	9032285	19625766	96.21%	17.322%
58	10.559	2935	2945	2956	rBV	4878925	7155371	35.08%	6.316%
59	10.759	2996	3007	3026	rVB	3285579	4869439	23.87%	4.298%
60	10.939	3044	3063	3089	rVB	13574899	20399517	100.00%	18.005%
61	11.077	3092	3106	3111	rBV2	97243	174543	0.86%	0.154%
62	11.167	3127	3134	3141	rBV4	47231	75415	0.37%	0.067%
63	11.215	3141	3149	3157	rVV	182814	270802	1.33%	0.239%
64	11.270	3157	3166	3178	rVV	764310	1179733	5.78%	1.041%
65	11.357	3182	3193	3216	rVB	2990400	4461429	21.87%	3.938%
66	11.550	3242	3253	3262	rBV2	765937	1570522	7.70%	1.386%
67	11.656	3275	3286	3304	rVB3	1491457	3311549	16.23%	2.923%
68	11.768	3313	3321	3326	rBV2	54728	82548	0.40%	0.073%
69	11.810	3327	3334	3338	rBV	149397	198285	0.97%	0.175%
70	11.842	3339	3344	3361	rVB	296471	432356	2.12%	0.382%
71	11.932	3362	3372	3377	rBV	666028	1026350	5.03%	0.906%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	12.038	3394	3405	3426	rVB	1270604	1937857	9.50%	1.710%
73	12.164	3428	3444	3466	rVB5	110138	412937	2.02%	0.364%
74	12.279	3467	3480	3488	rBV6	46776	98112	0.48%	0.087%
75	12.337	3488	3498	3508	rVB	298521	441505	2.16%	0.390%
76	12.434	3508	3528	3536	rBV	818765	1261143	6.18%	1.113%
77	12.485	3536	3544	3562	rVB	1207865	1805739	8.85%	1.594%
78	12.572	3563	3571	3576	rBV	80493	115267	0.57%	0.102%
79	12.607	3577	3582	3586	rBV	58467	70025	0.34%	0.062%
80	12.746	3616	3625	3637	rVB	383297	568107	2.78%	0.501%
81	12.816	3639	3647	3654	rBV2	56784	78948	0.39%	0.070%
82	12.903	3655	3674	3703	rVB2	867037	1731012	8.49%	1.528%
83	13.022	3703	3711	3719	rBV	127203	180437	0.88%	0.159%
84	13.186	3753	3762	3771	rBV2	34053	56994	0.28%	0.050%
85	13.238	3773	3778	3783	rBV2	10490	11940	0.06%	0.011%
86	13.286	3783	3793	3801	rBV2	617813	993707	4.87%	0.877%
87	13.424	3829	3836	3847	rVB	96929	140386	0.69%	0.124%
88	13.524	3849	3867	3878	rBV	786651	1217515	5.97%	1.075%
89	13.768	3924	3943	3958	rBV4	156390	335999	1.65%	0.297%
90	13.932	3984	3994	4015	rVB	67963	113581	0.56%	0.100%
91	14.115	4041	4051	4066	rBV4	33331	75494	0.37%	0.067%
92	14.257	4087	4095	4105	rBV	29636	46588	0.23%	0.041%
93	14.315	4107	4113	4126	rVB3	17825	29828	0.15%	0.026%
94	14.459	4148	4158	4160	rBV8	4371	6895	0.03%	0.006%
95	14.659	4211	4220	4230	rBV	44870	69400	0.34%	0.061%
96	14.791	4253	4261	4266	rBV8	2454	4068	0.02%	0.004%
97	14.842	4270	4277	4292	rVB4	16323	33487	0.16%	0.030%
98	15.440	4454	4463	4472	rVB4	2575	4772	0.02%	0.004%
99	15.755	4557	4561	4571	rVB10	2557	3608	0.02%	0.003%
100	15.961	4617	4625	4631	rBV10	2360	3537	0.02%	0.003%

Sum of corrected areas: 113298513

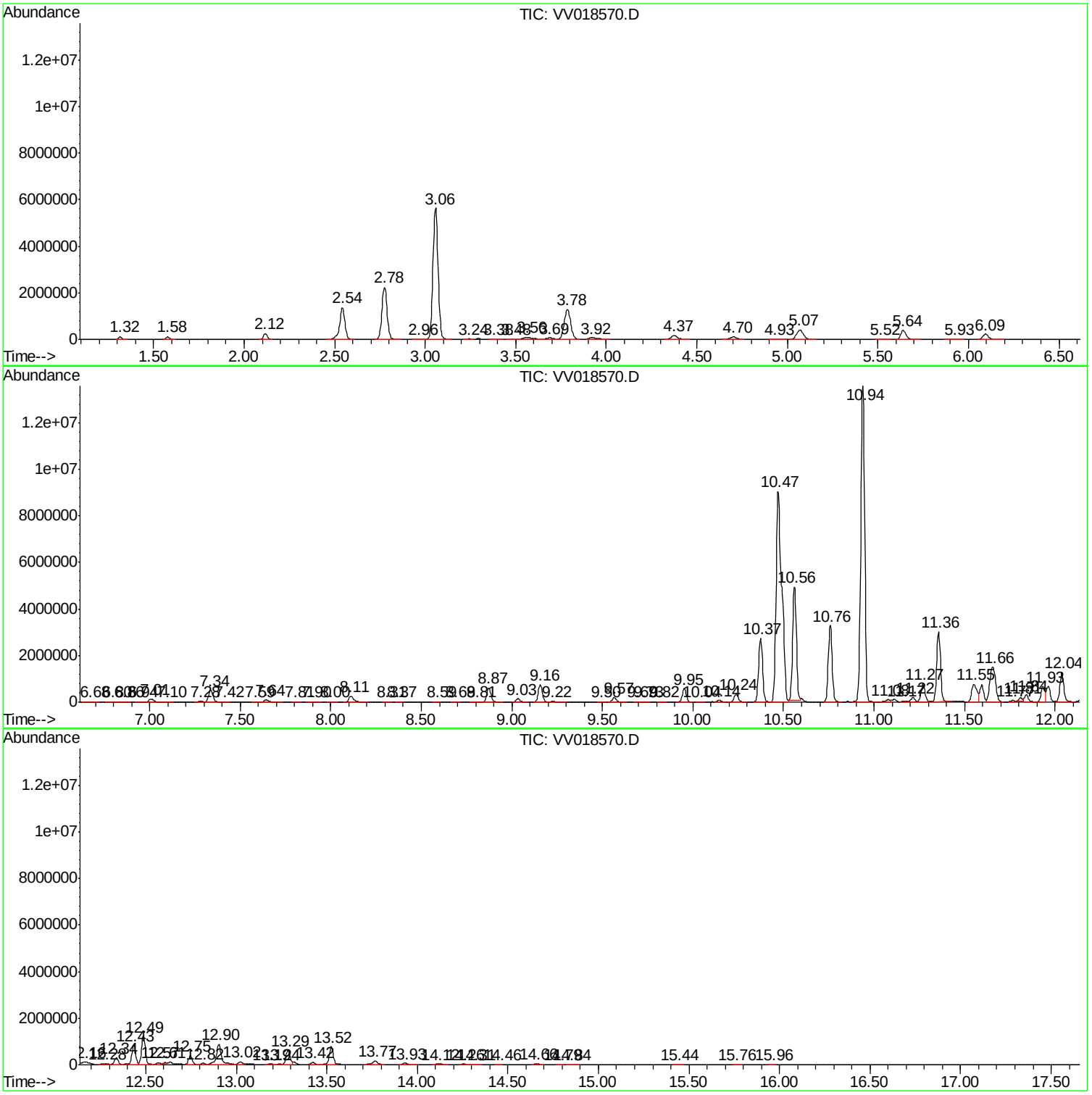
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

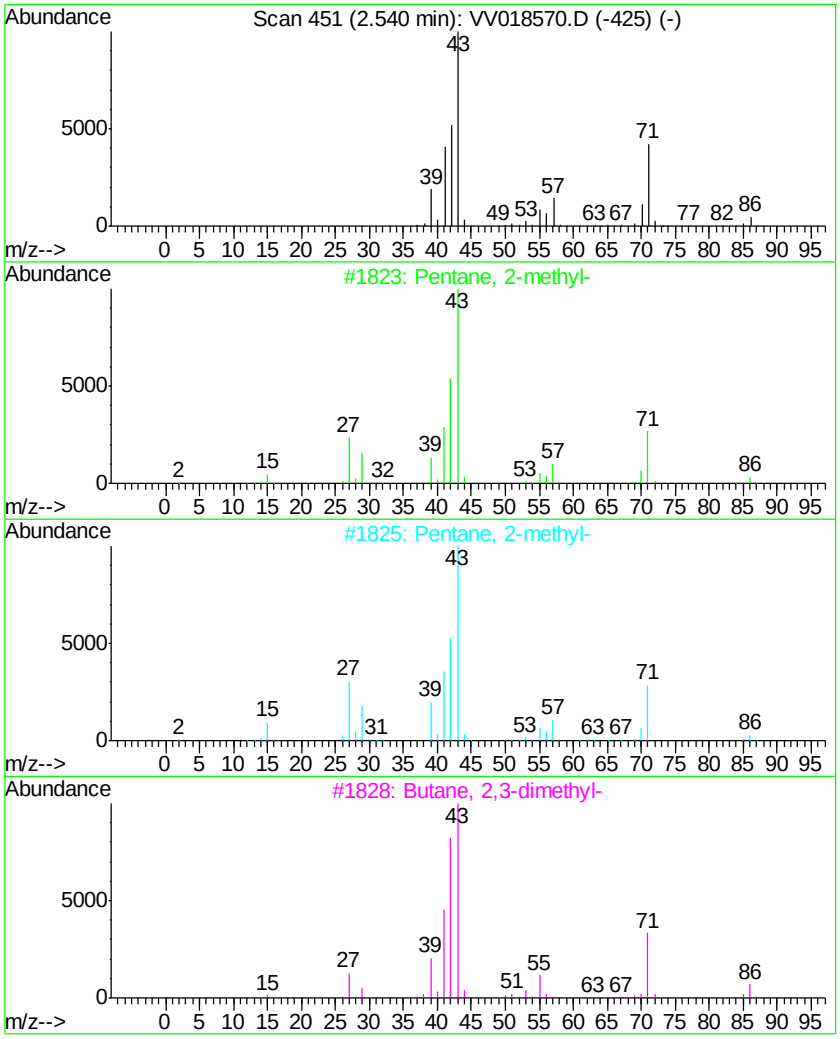
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

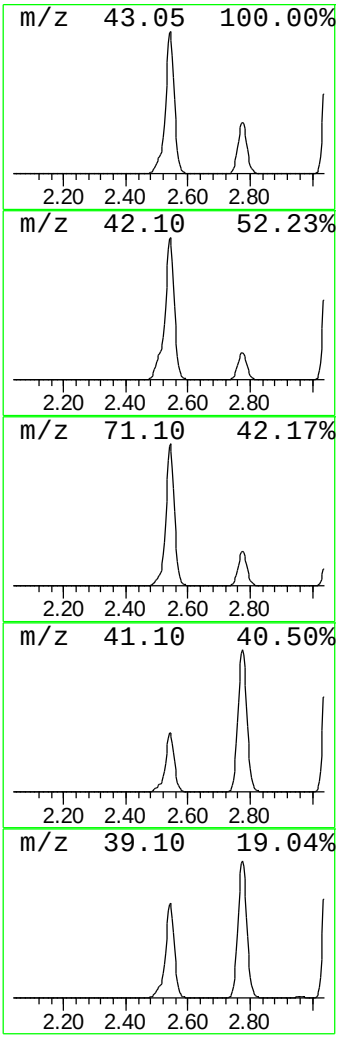
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.54	177.83 ug/L	2762200	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	52
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

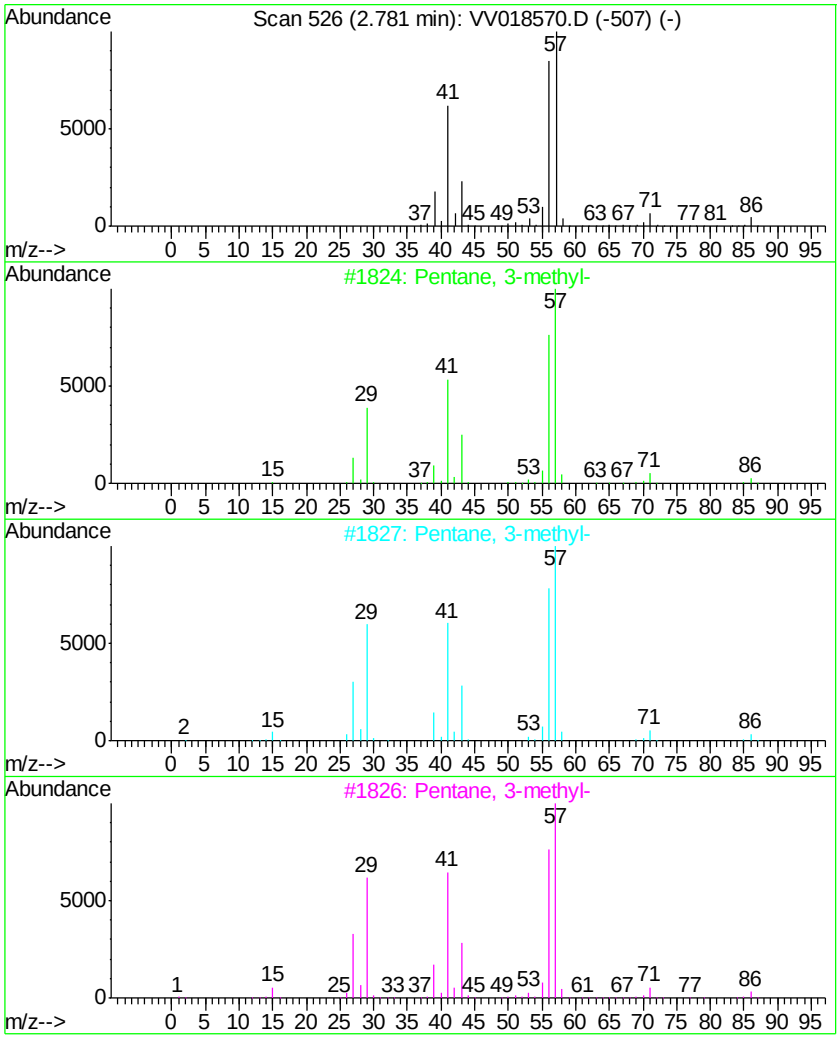
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

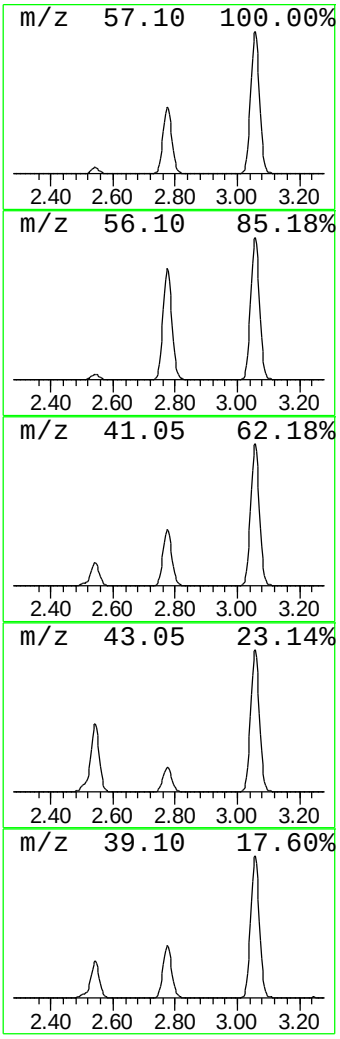
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	289.27 ug/L	4493160	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	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

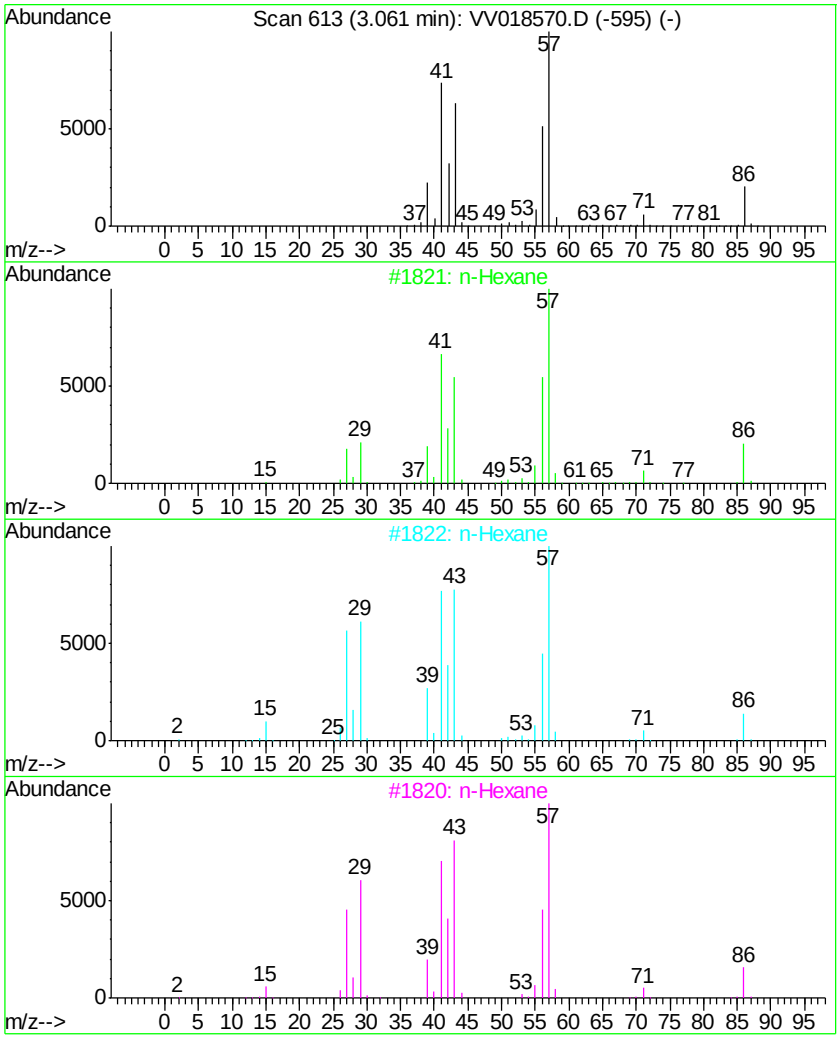
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

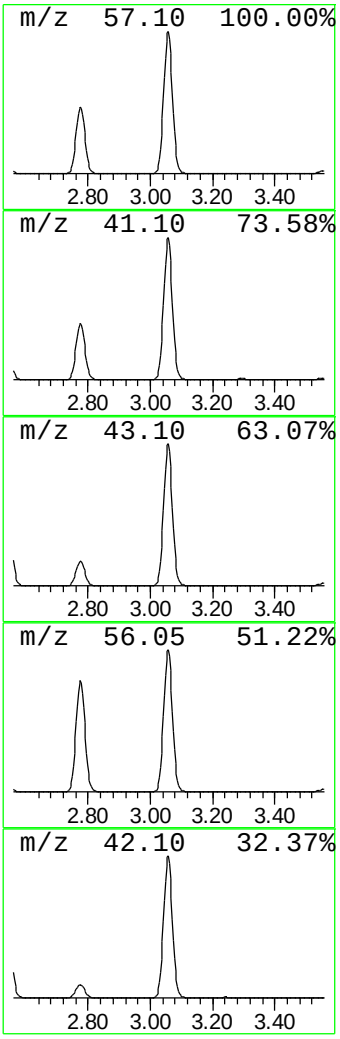
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	721.15 ug/L	11201300	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	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

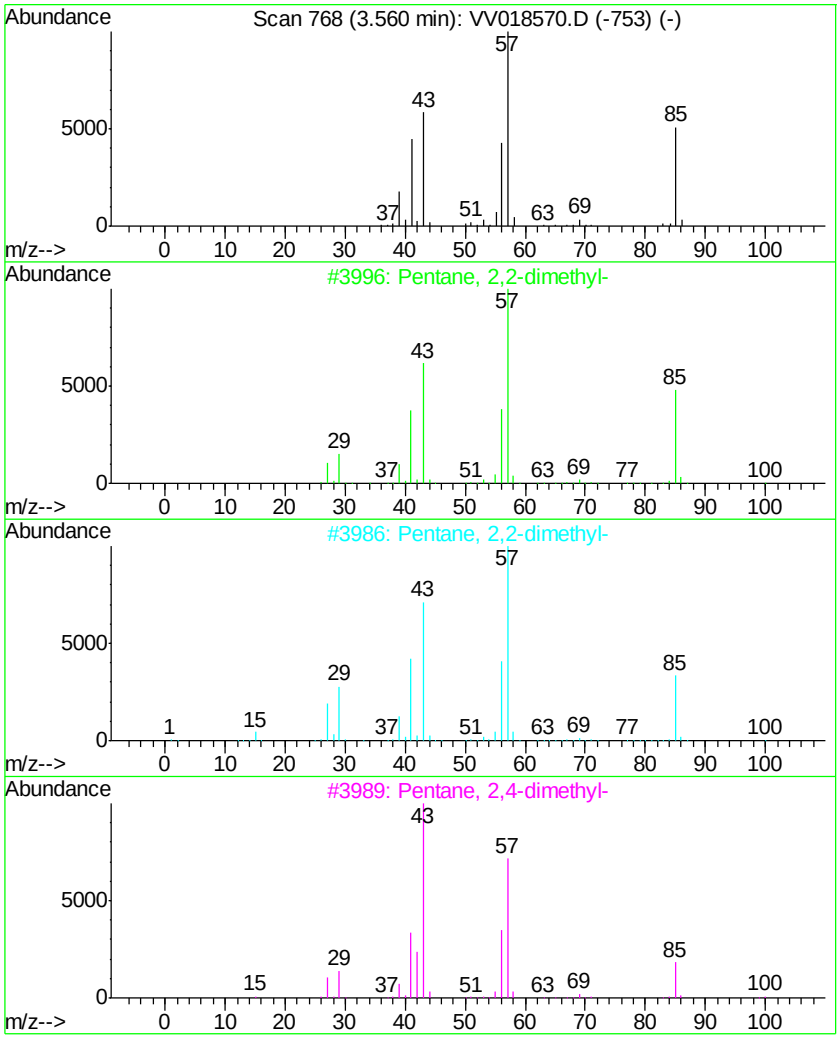
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

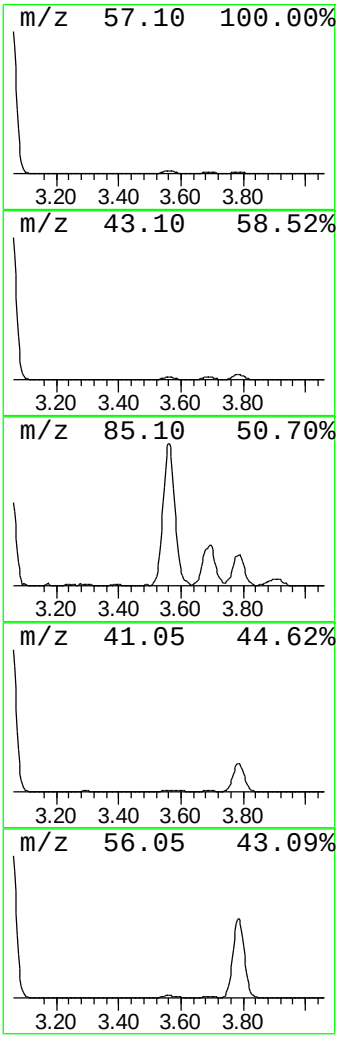
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	19.76 ug/L	306869	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

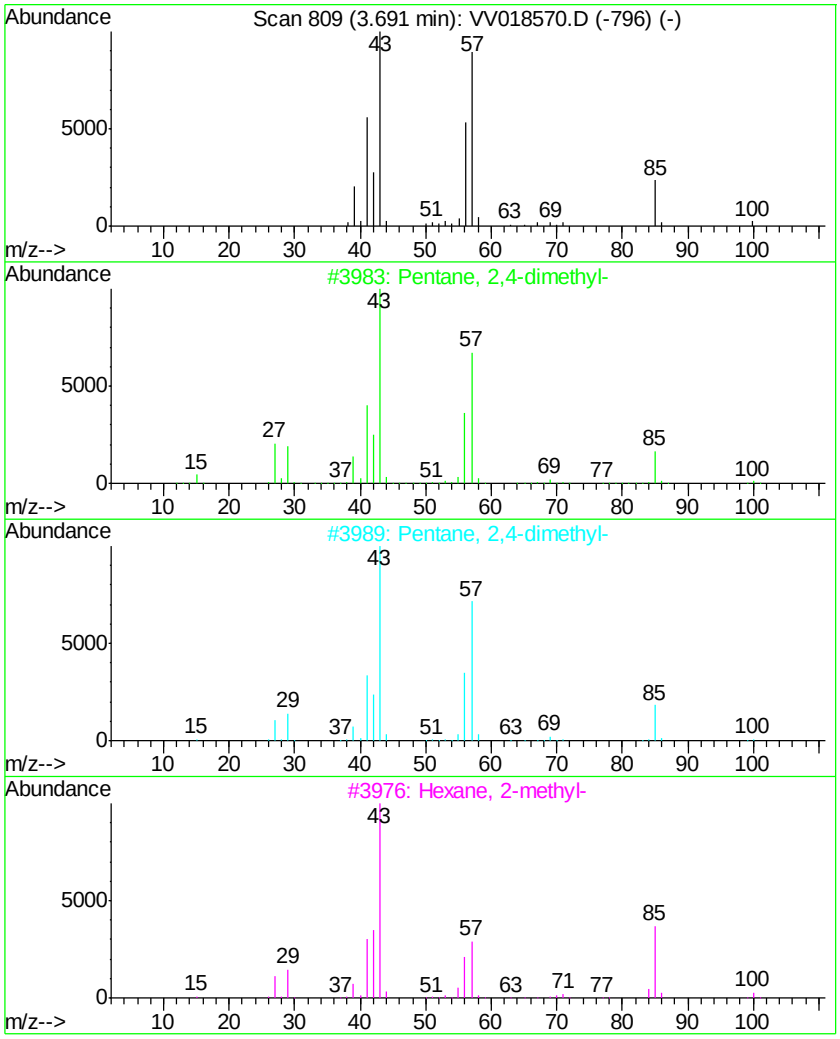
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

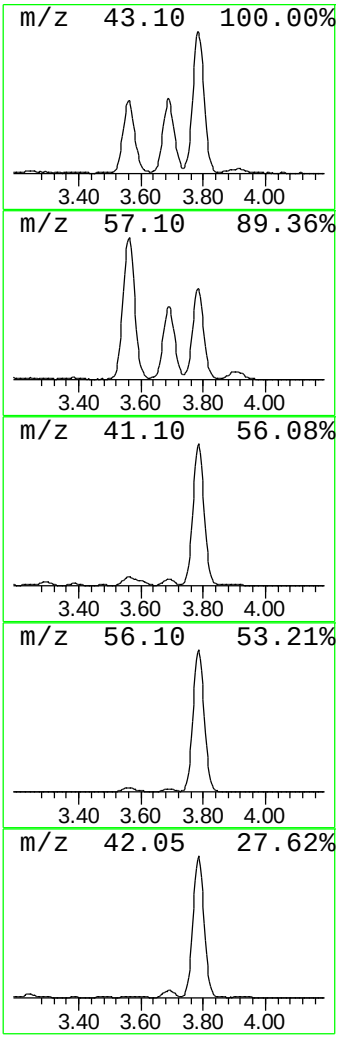
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	9.05 ug/L	140563	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

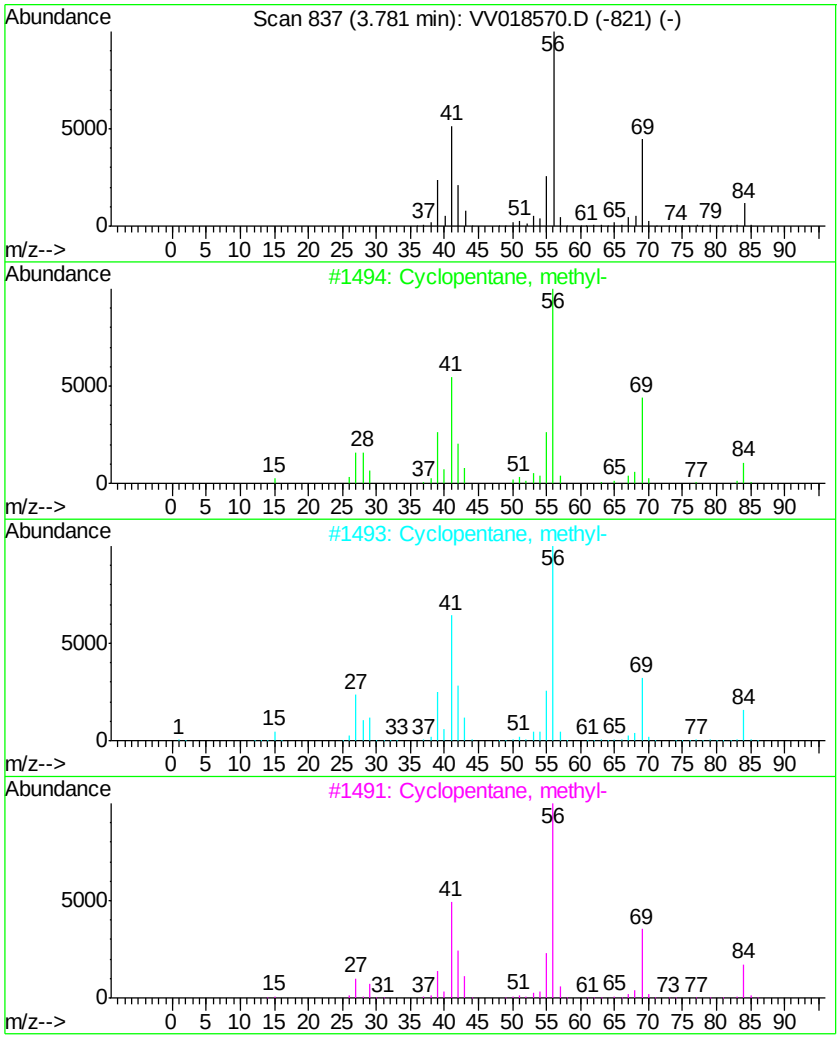
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

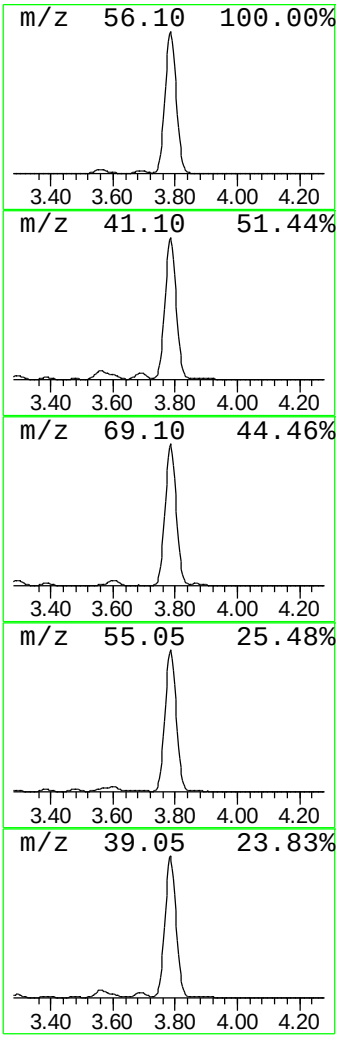
****

Peak Number 6 (DEL) Alkane: Cyclic3.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	203.95 ug/L	3167920	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	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

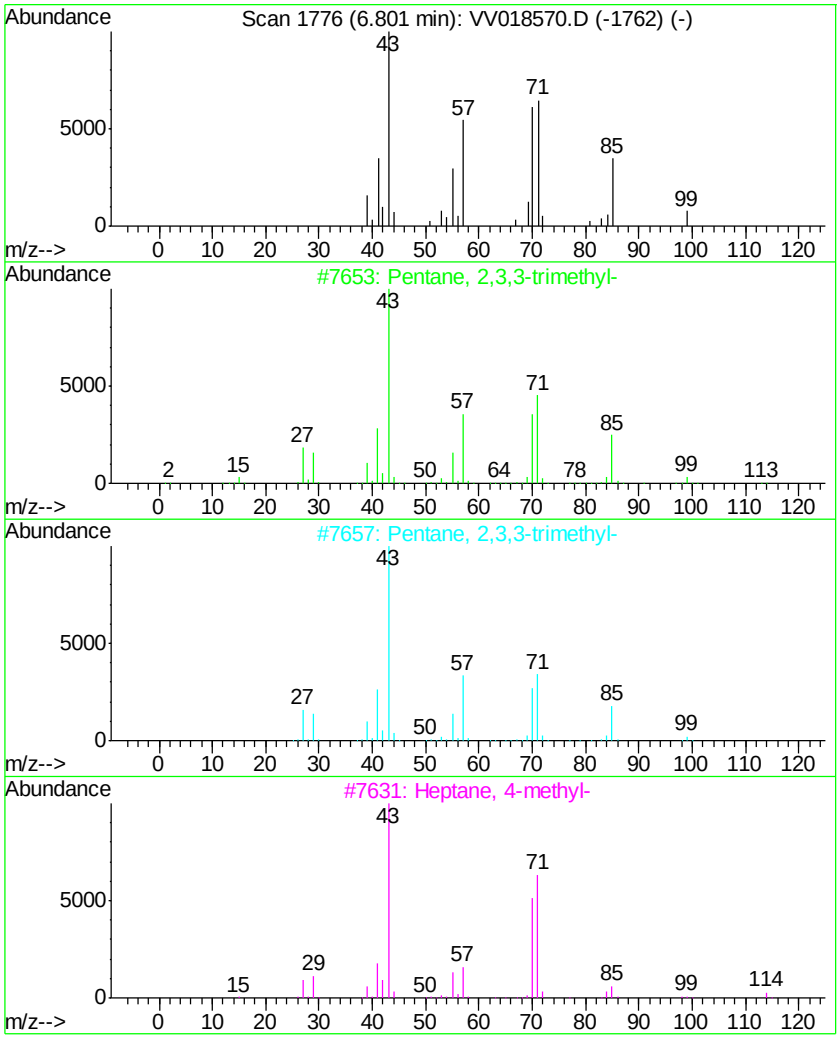
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

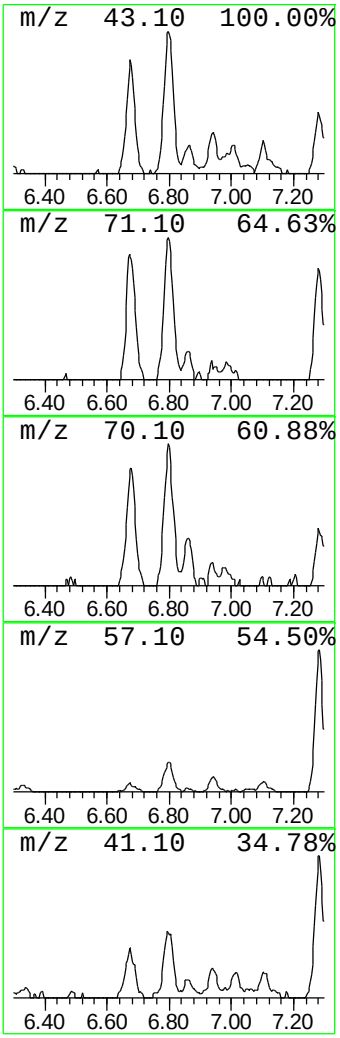
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	2.70 ug/L	41955	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

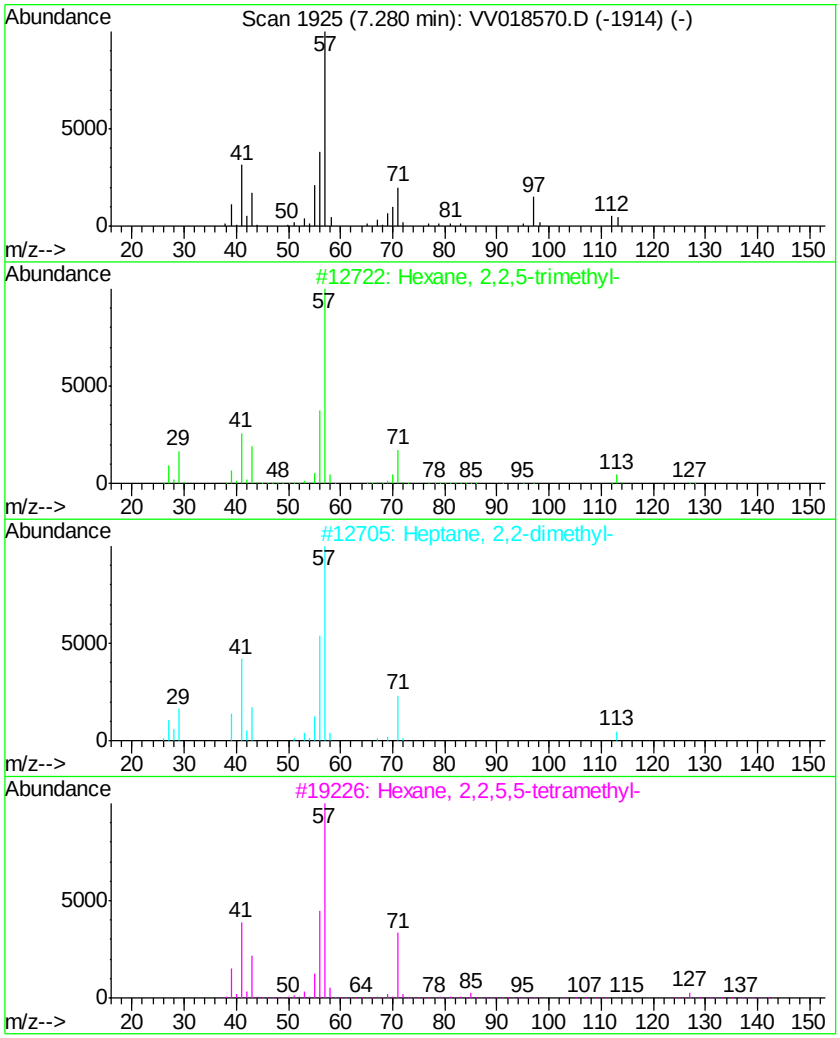
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

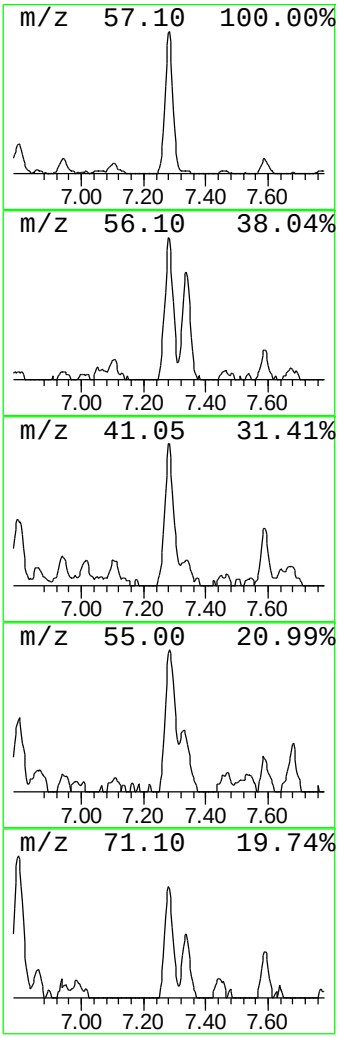
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	3.24 ug/L	63890	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	45
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

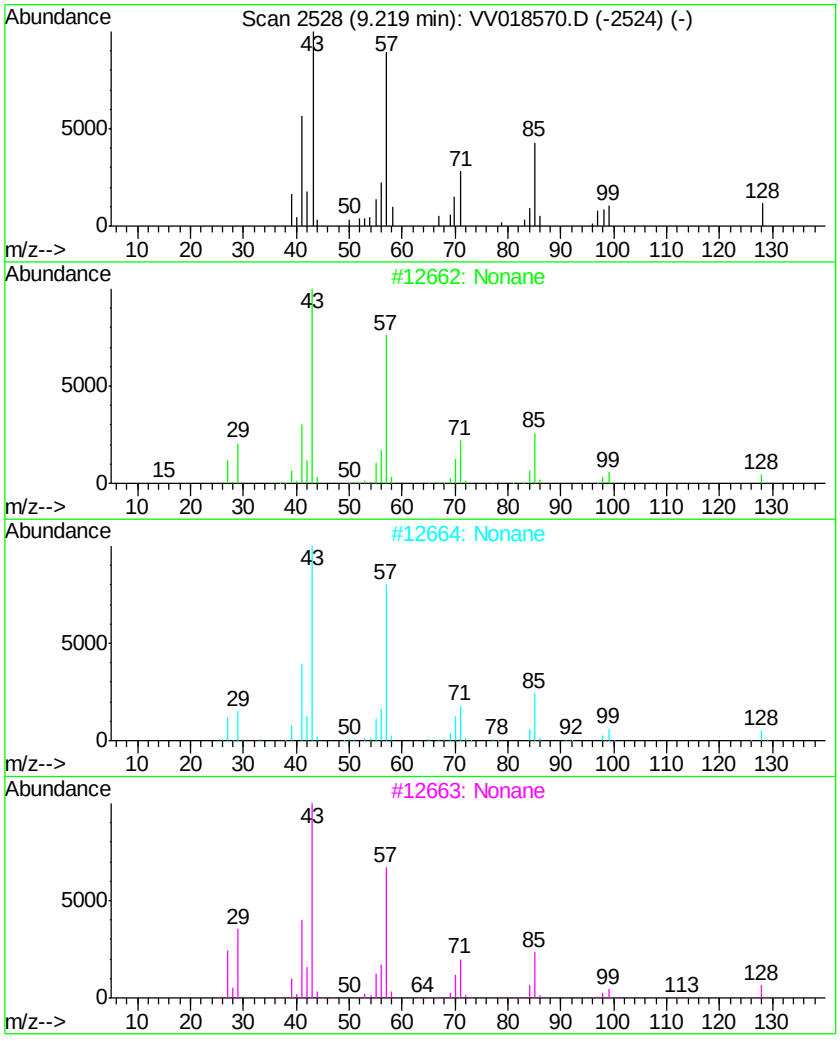
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

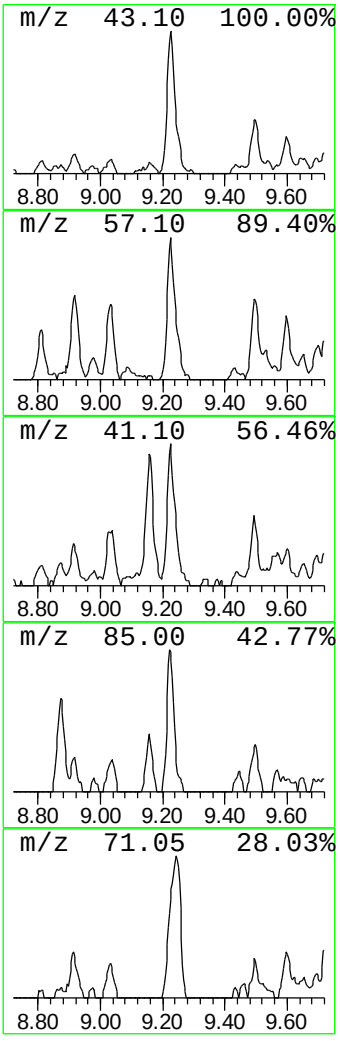
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.99 ug/L	58948	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	94
3	Nonane	128	C9H20	000111-84-2	94
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	59
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

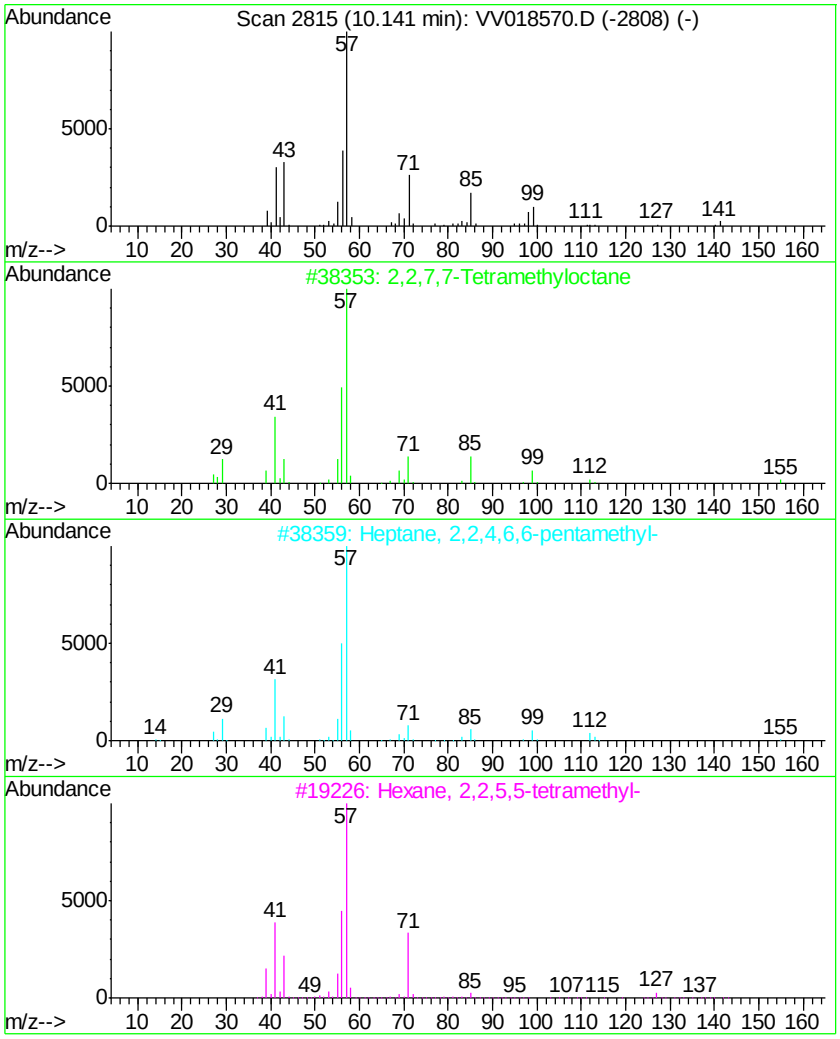
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

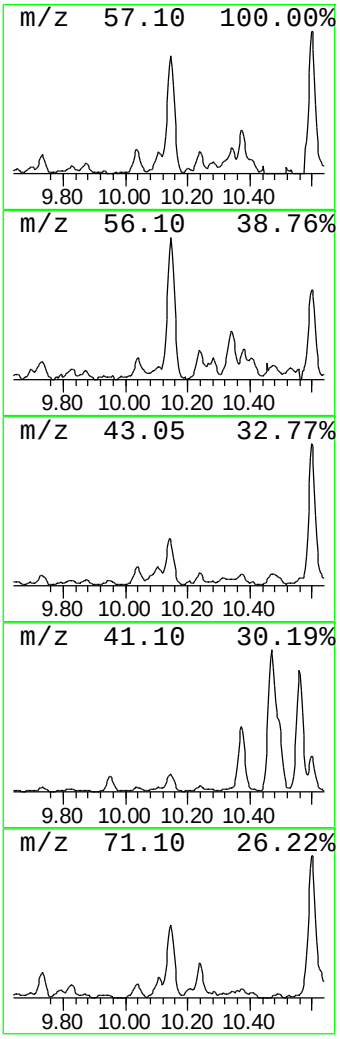
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	5.20 ug/L	122668	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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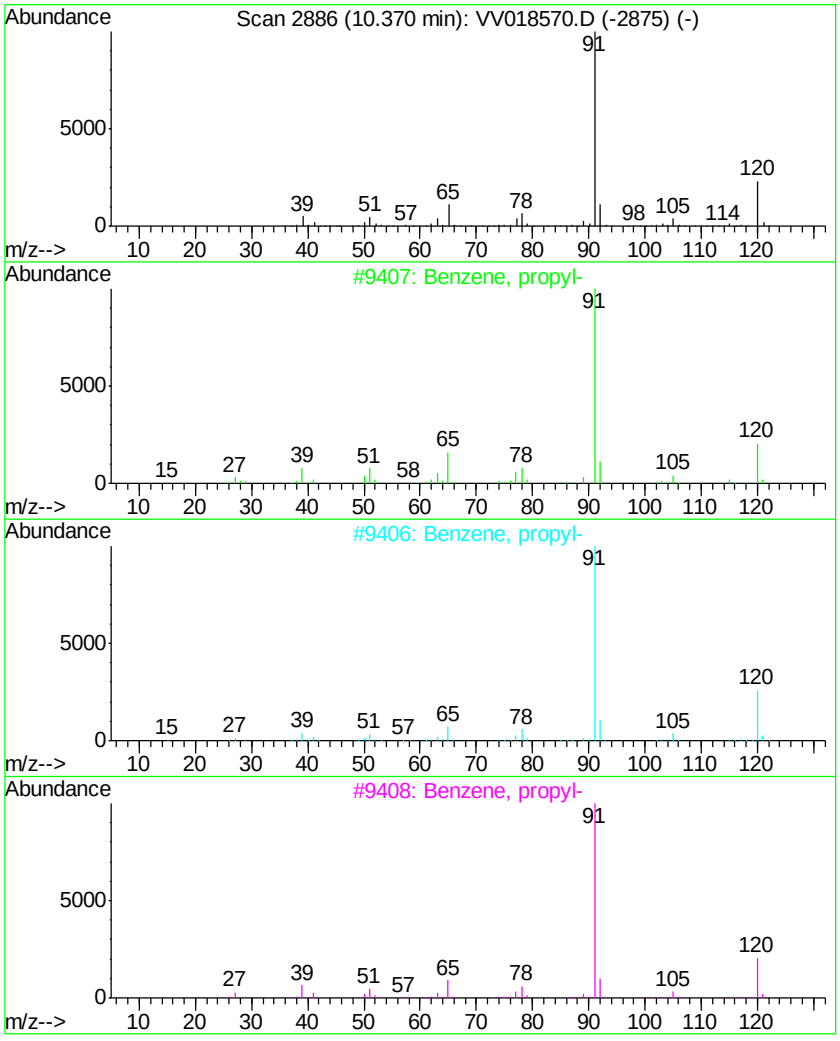
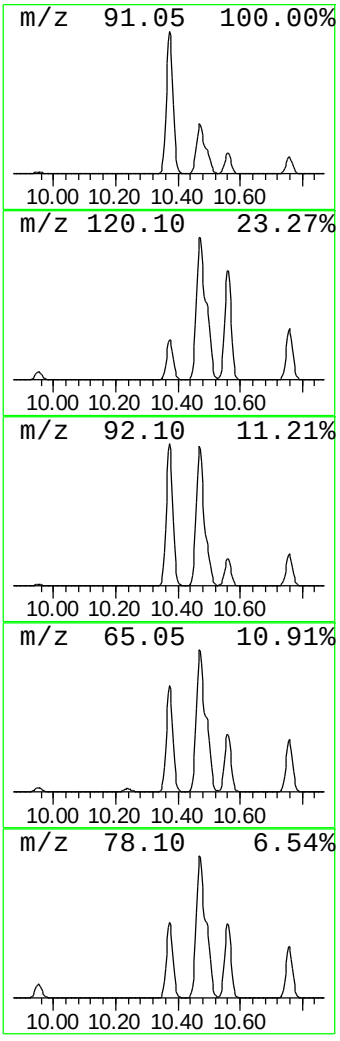
Peak Number 12 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	172.22 ug/L	4063390	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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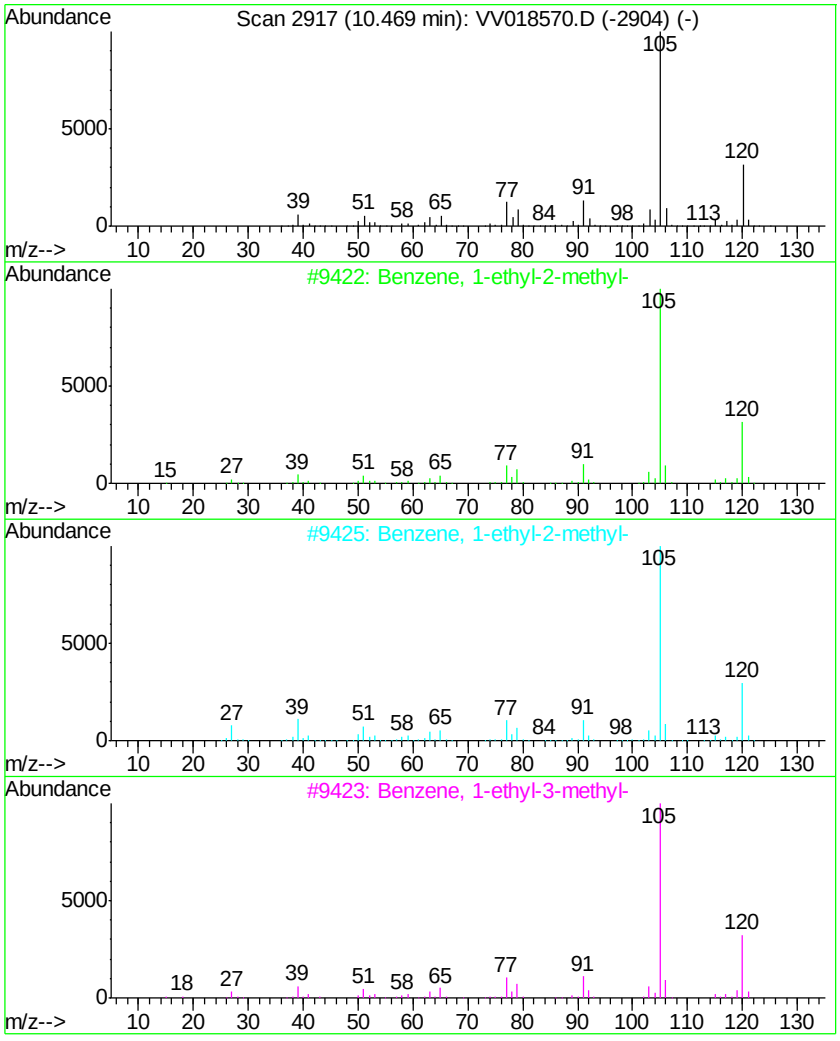
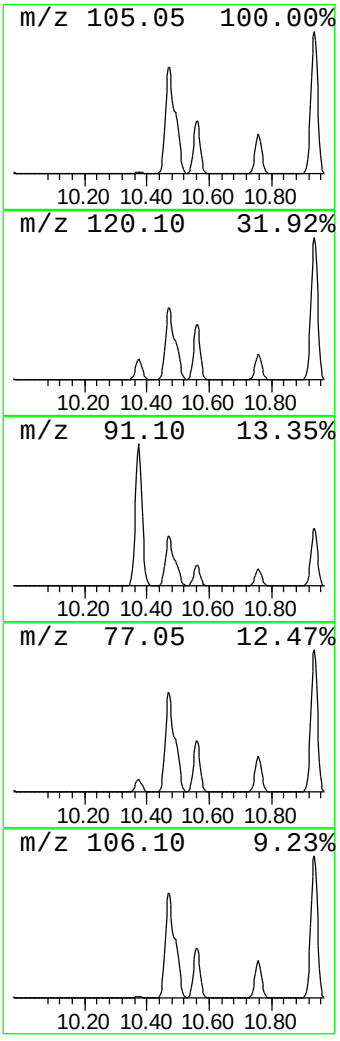
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	831.79 ug/L	19625800	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

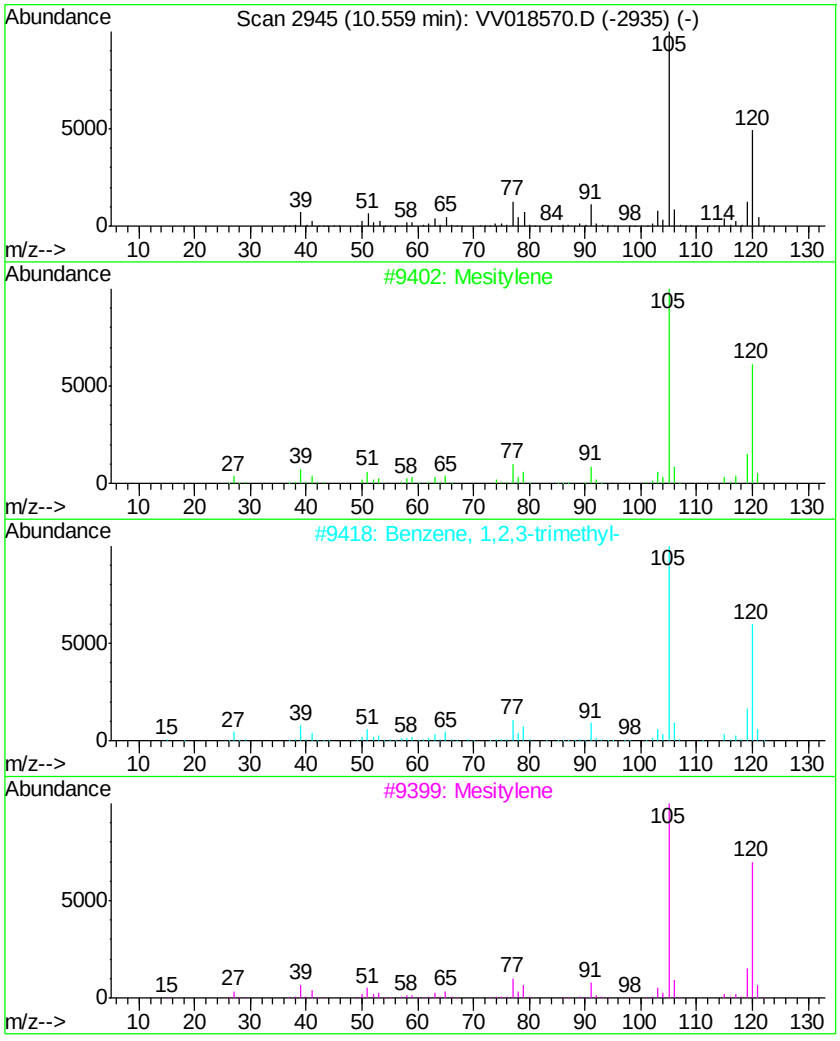
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

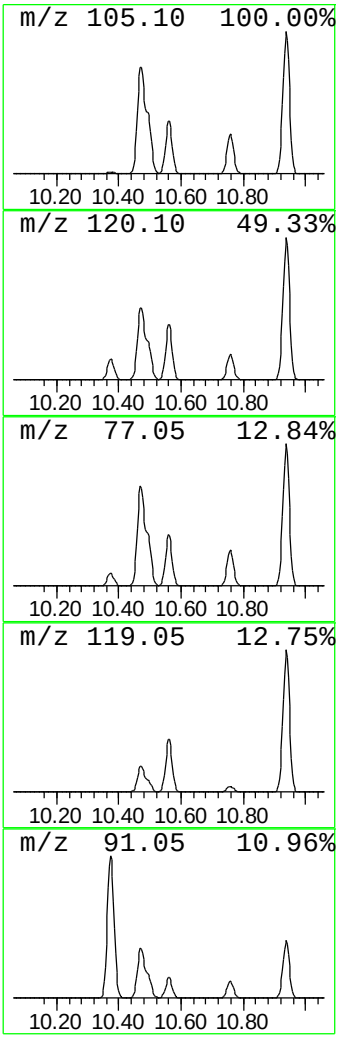
****

Peak Number 14 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	303.26 ug/L	7155370	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	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

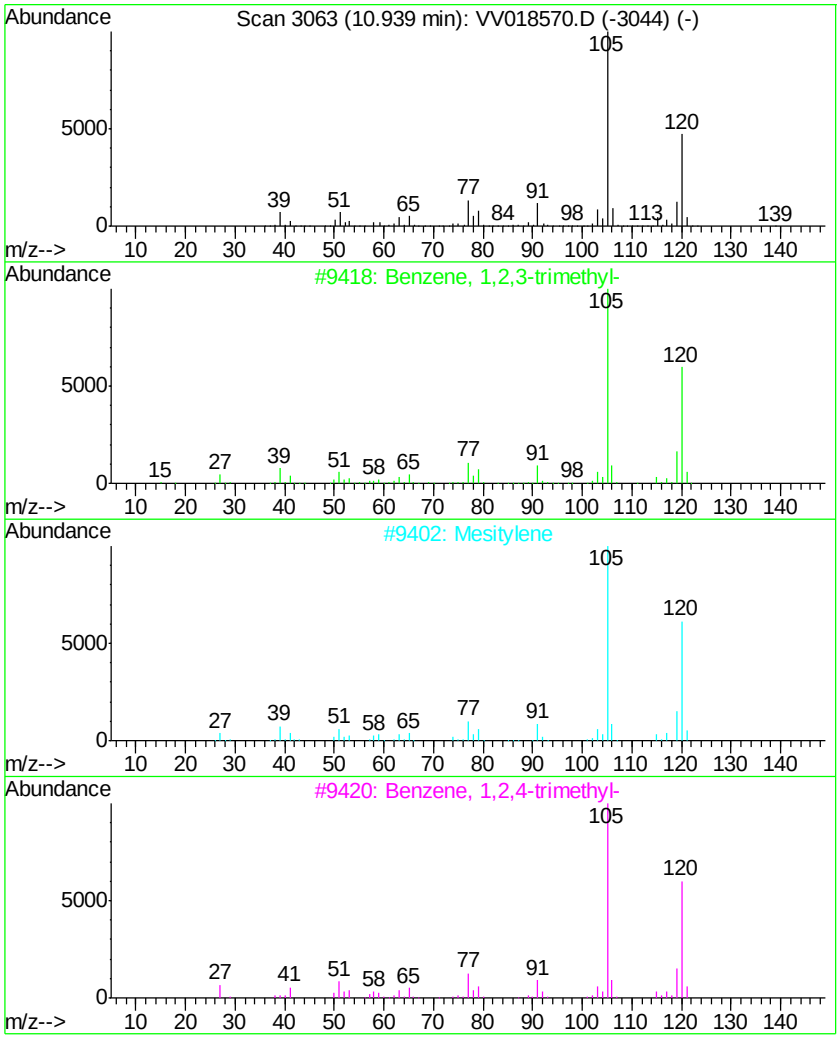
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

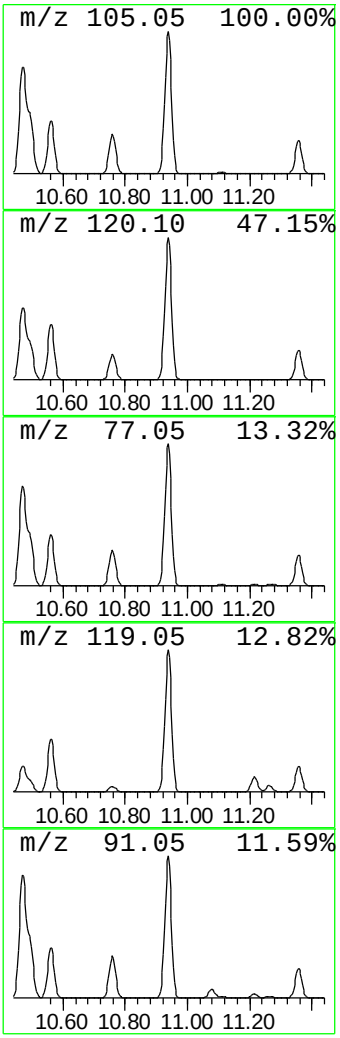
****

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	864.58 ug/L	20399500	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

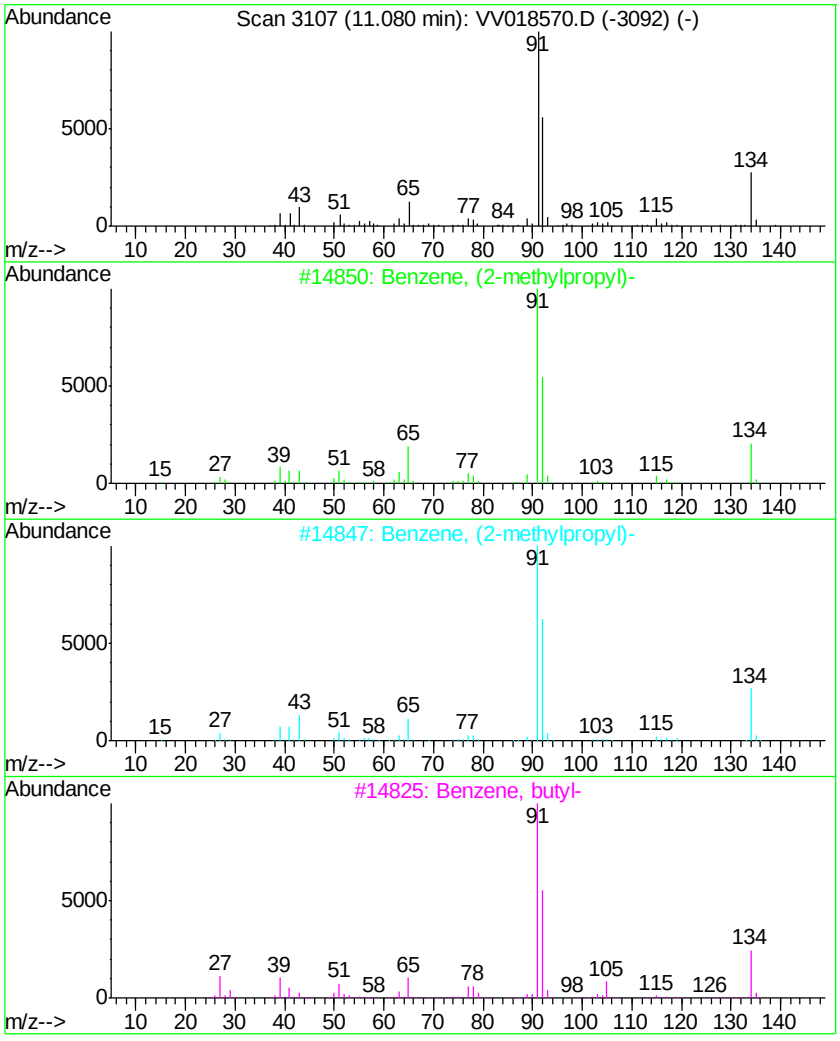
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

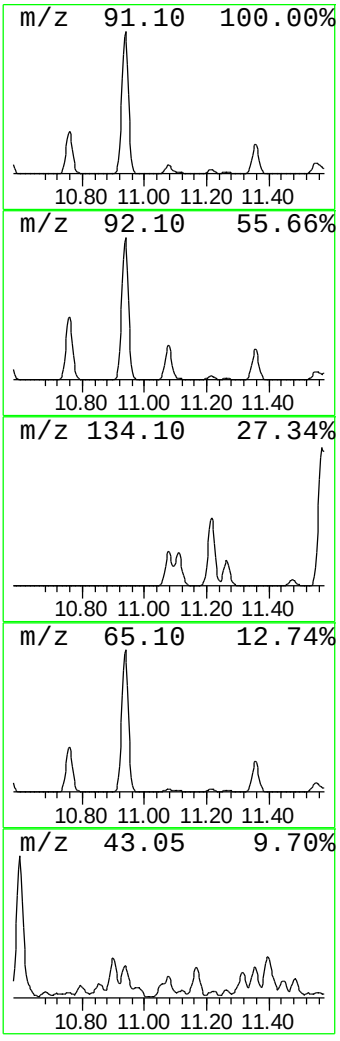
****

Peak Number 17 Benzene, (2-methylpropyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	7.40 ug/L	174543	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, butyl-	134	C10H14	000104-51-8	83
4	Benzene, butyl-	134	C10H14	000104-51-8	83
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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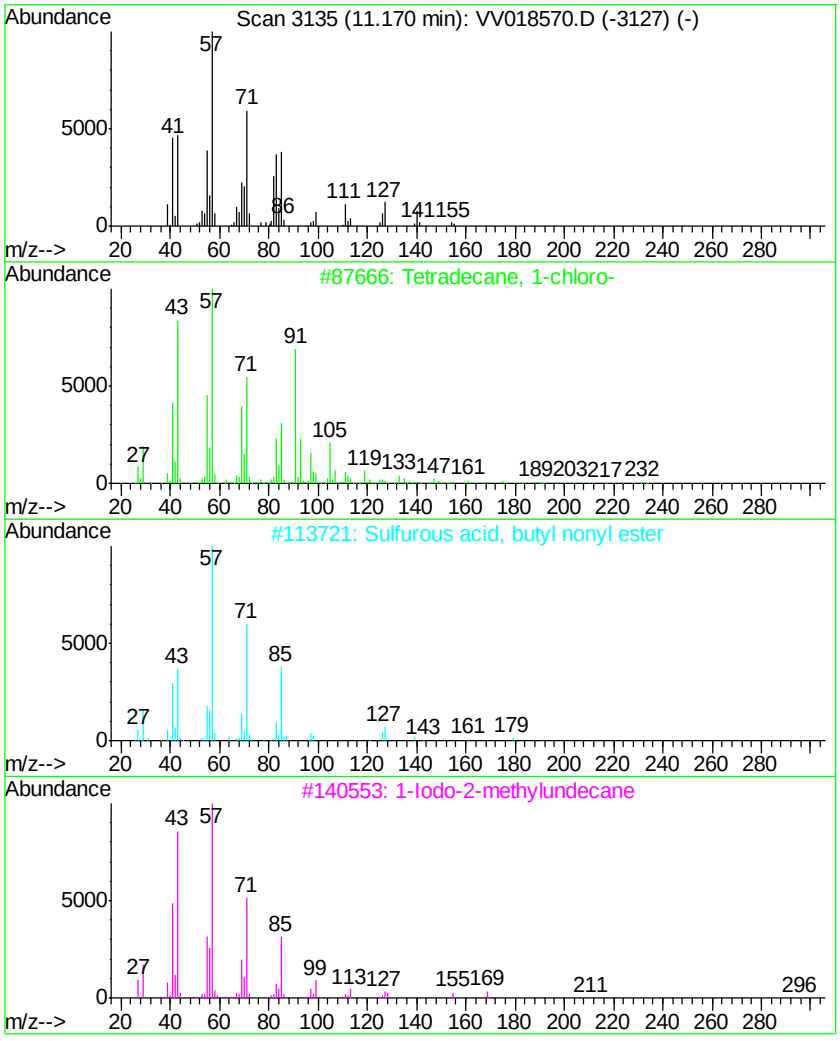
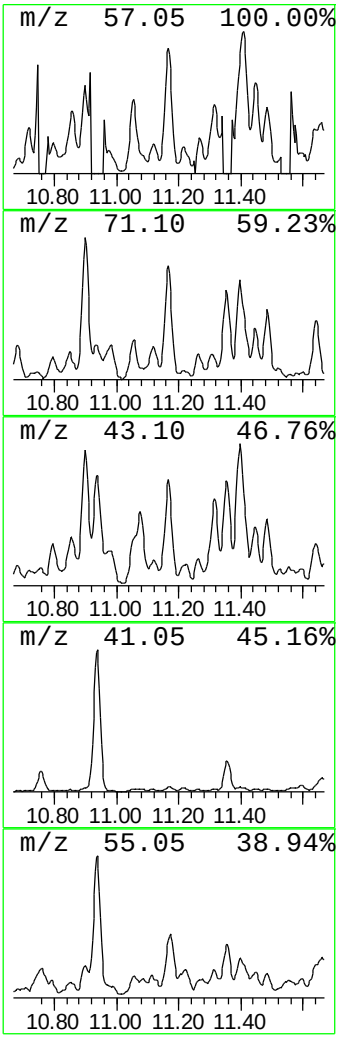
Peak Number 18 Tetradecane, 1-chloro- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.20 ug/L	75415	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	64
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	43
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

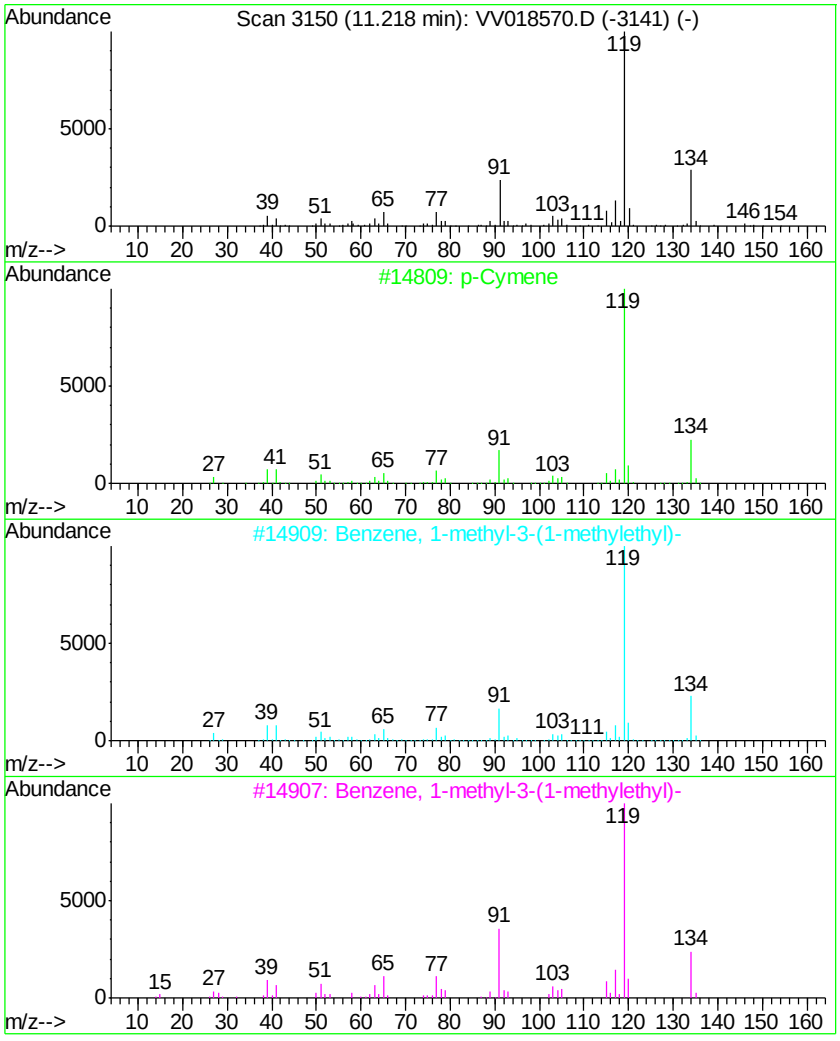
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

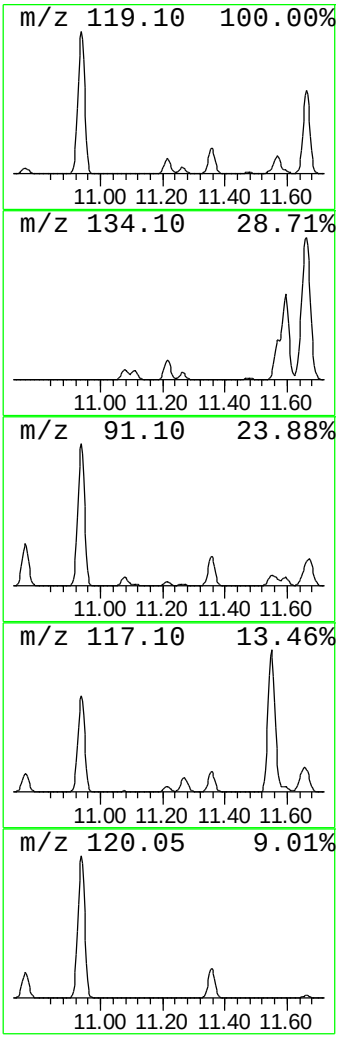
****

Peak Number 19 p-Cymene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	11.48 ug/L	270802	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	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	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

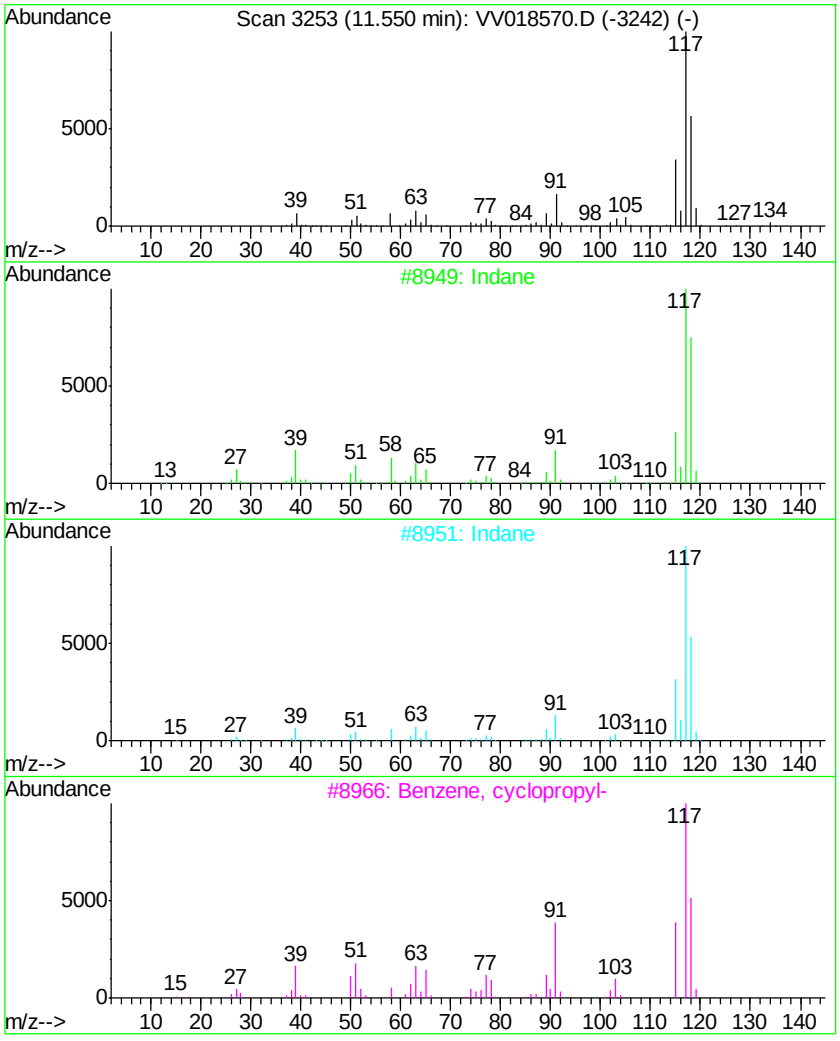
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

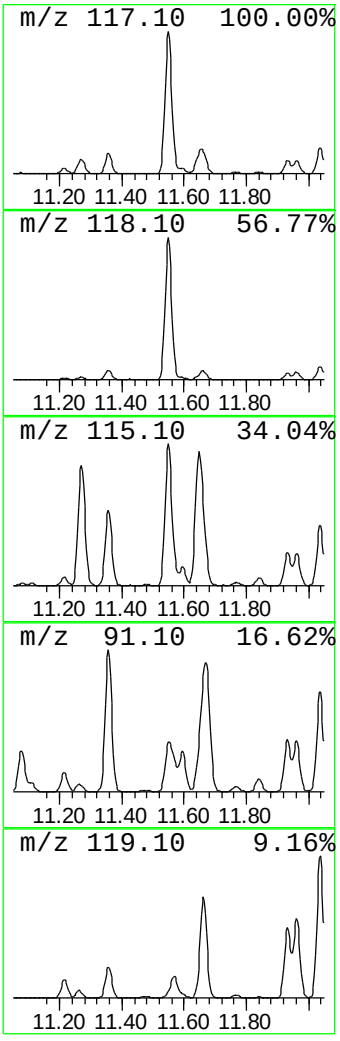
****

Peak Number 21 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	66.56 ug/L	1570520	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

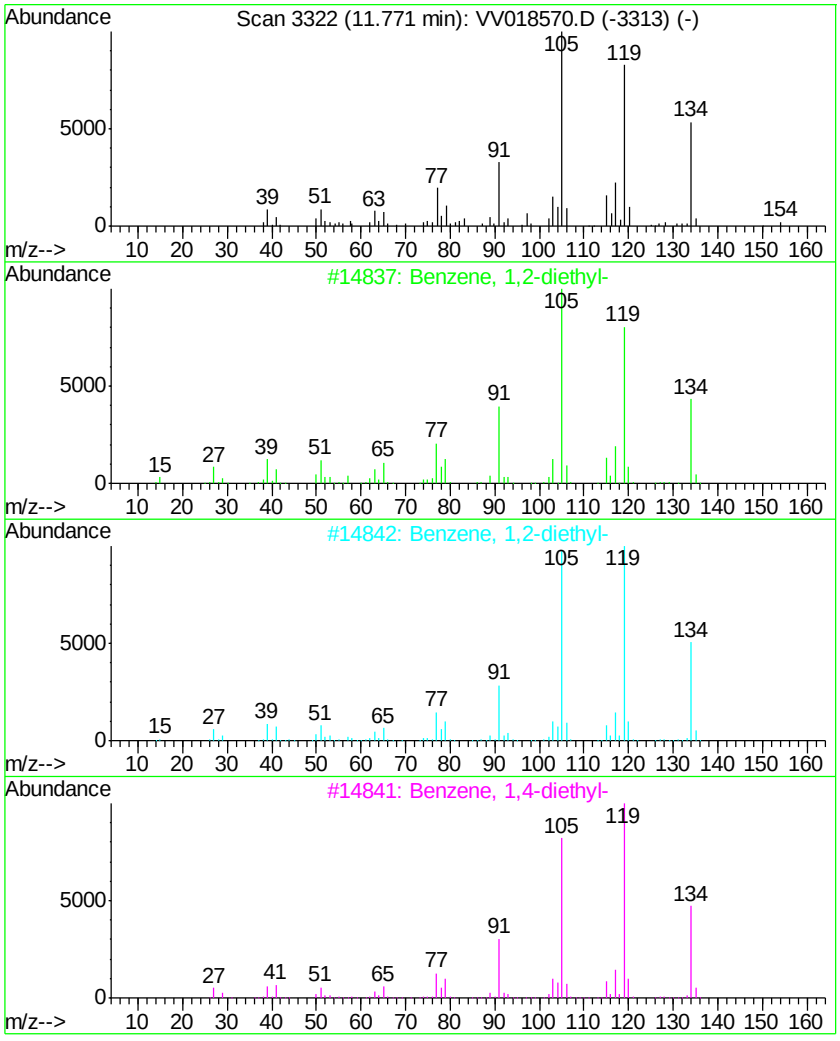
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

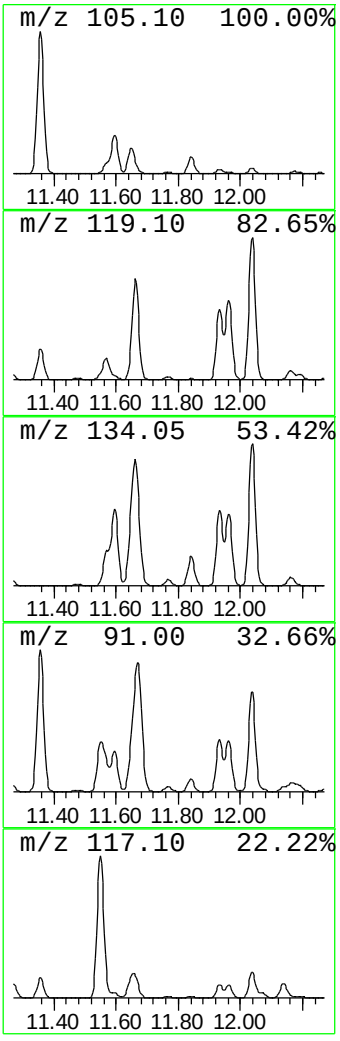
****

Peak Number 22 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.50 ug/L	82548	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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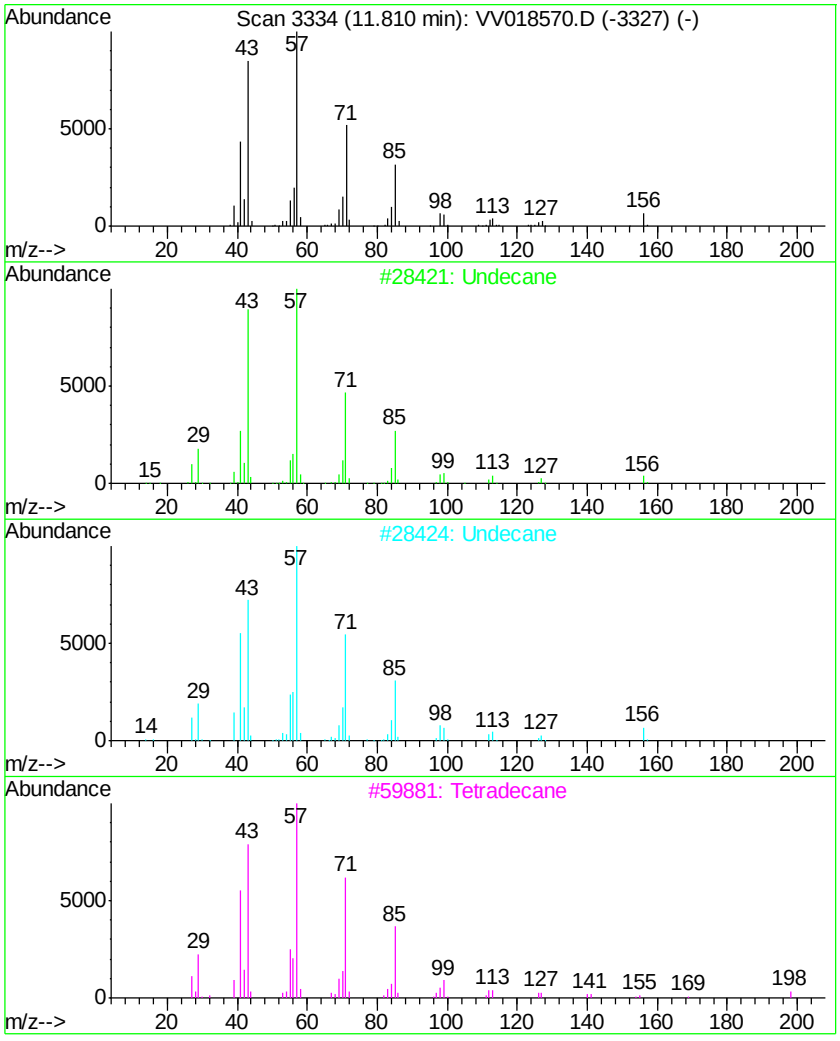
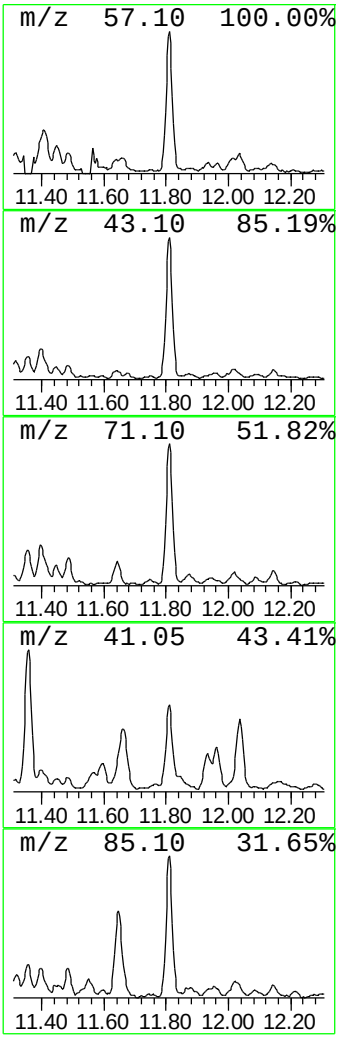
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.40 ug/L	198285	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	96
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane	156	C11H24	001120-21-4	87
5	Undecane	156	C11H24	001120-21-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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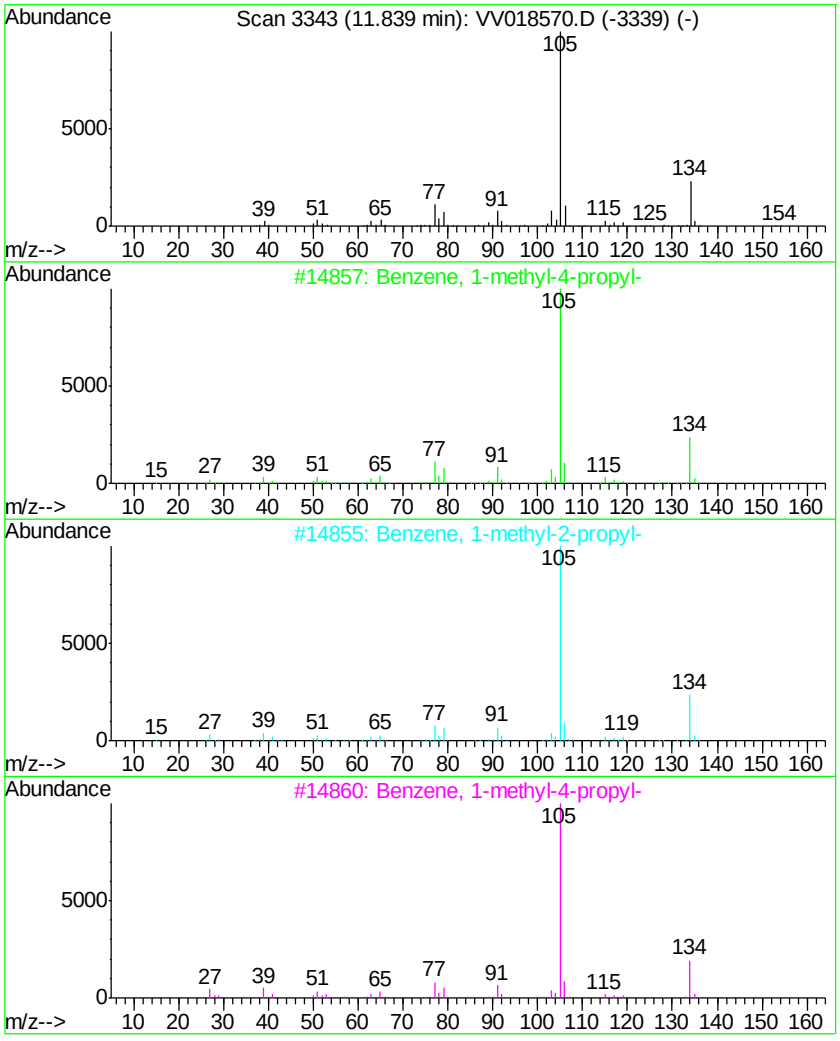
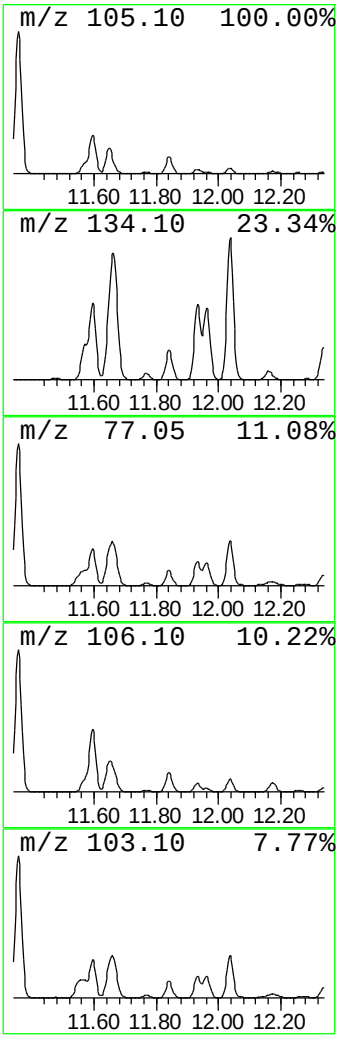
Peak Number 24 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	18.32 ug/L	432356	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

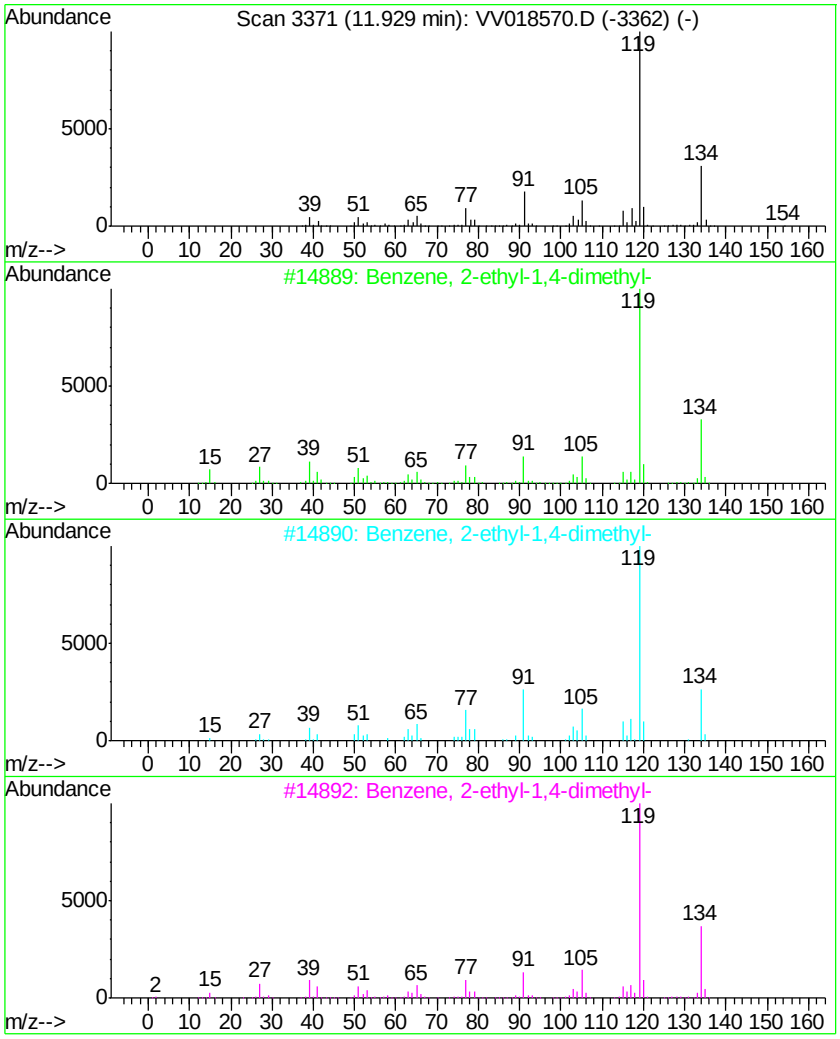
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

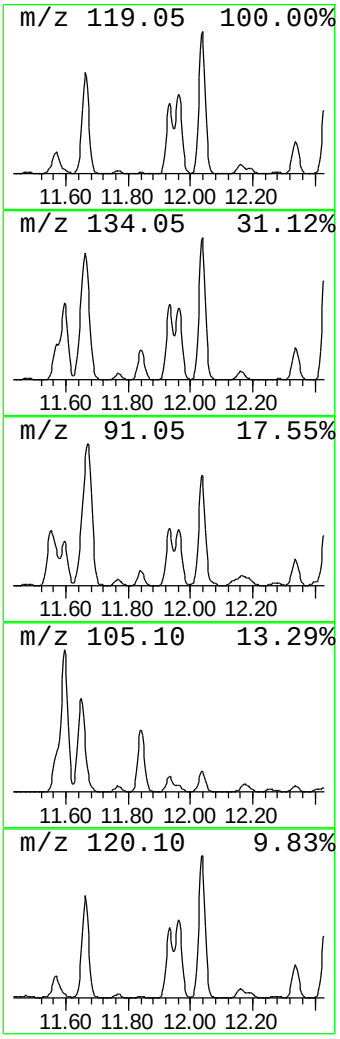
****

Peak Number 25 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	43.50 ug/L	1026350	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

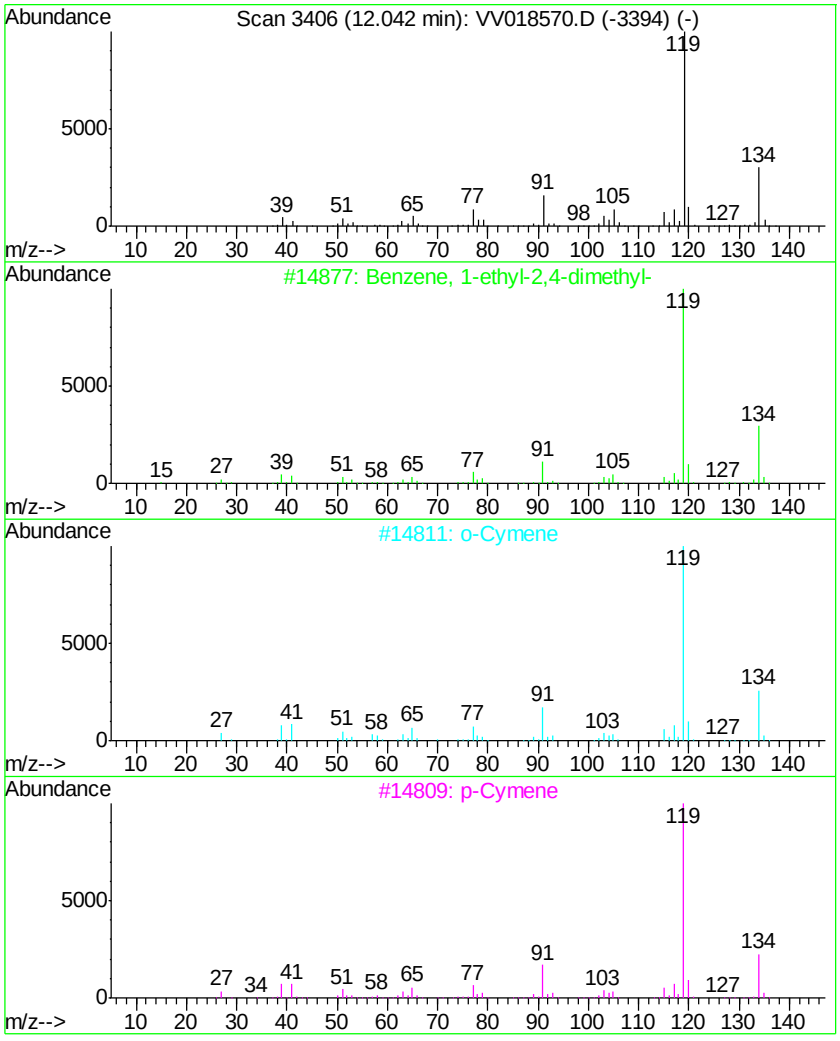
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

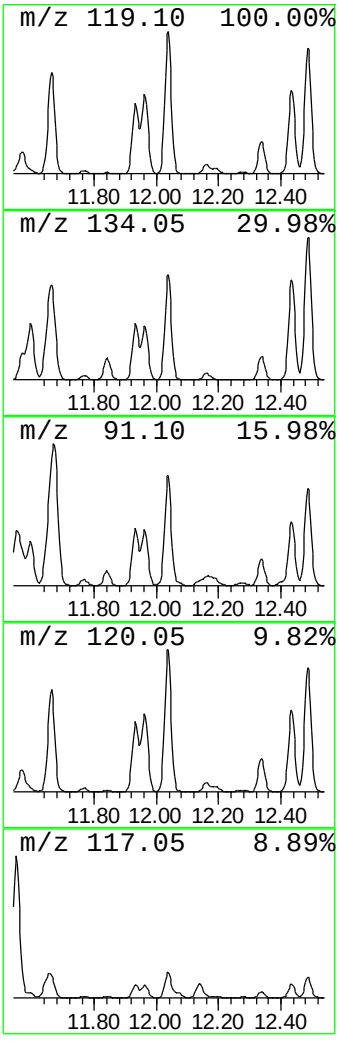
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	82.13 ug/L	1937860	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

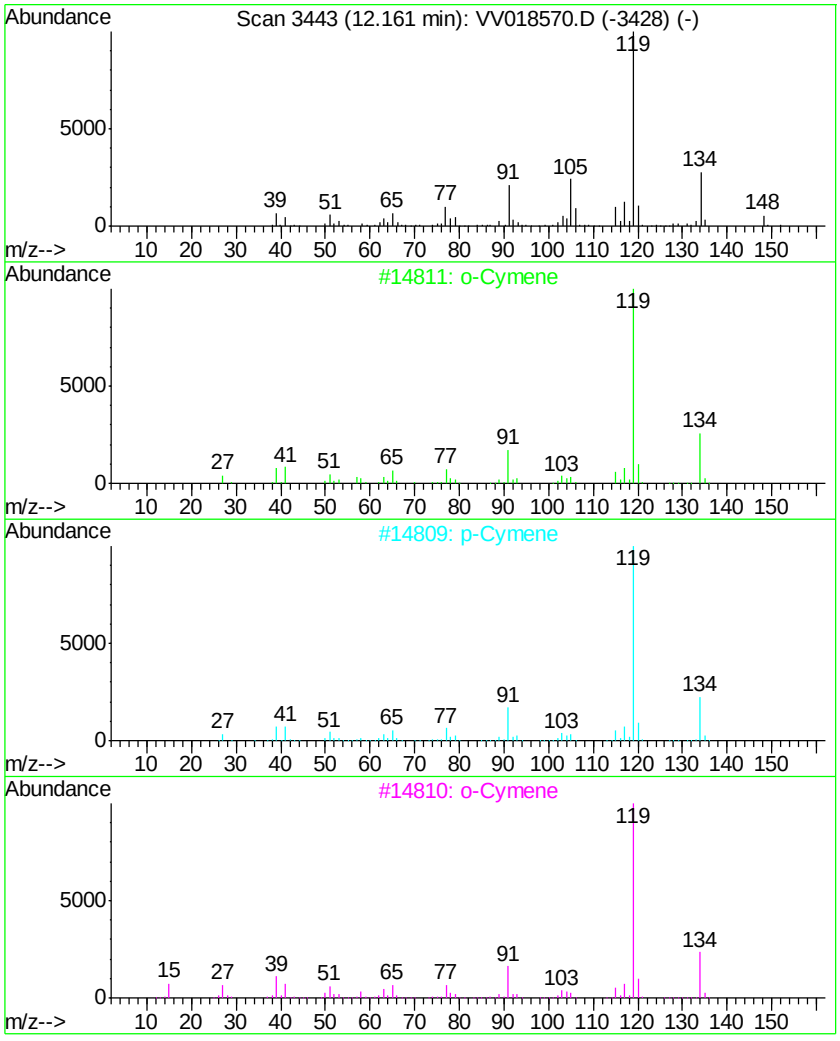
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

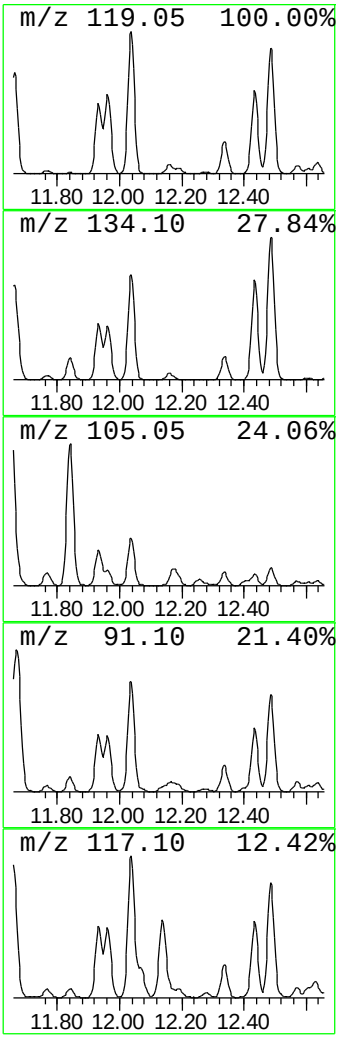
****

Peak Number 27 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	17.50 ug/L	412937	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

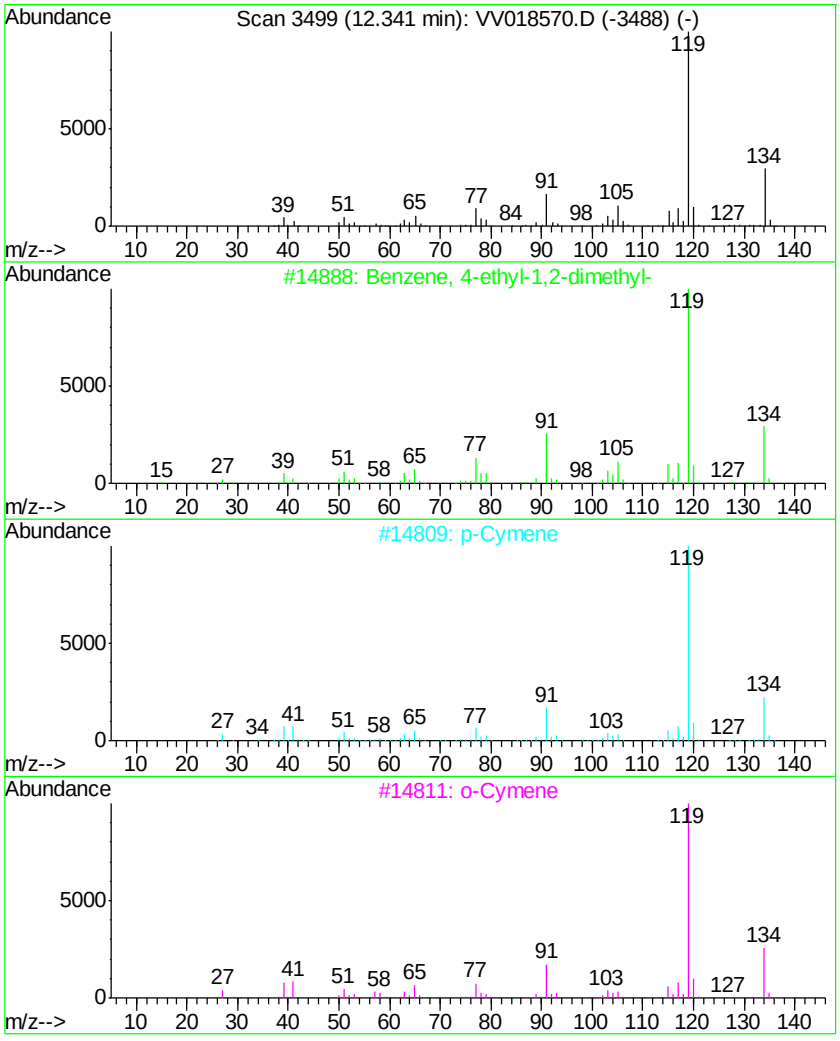
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

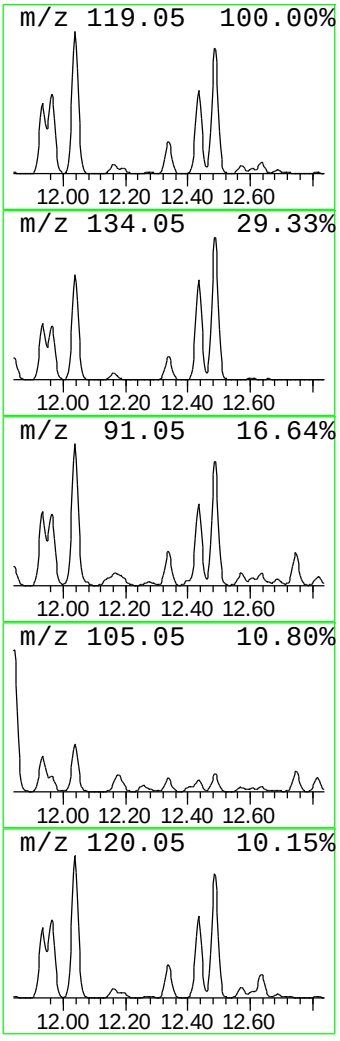
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	18.71 ug/L	441505	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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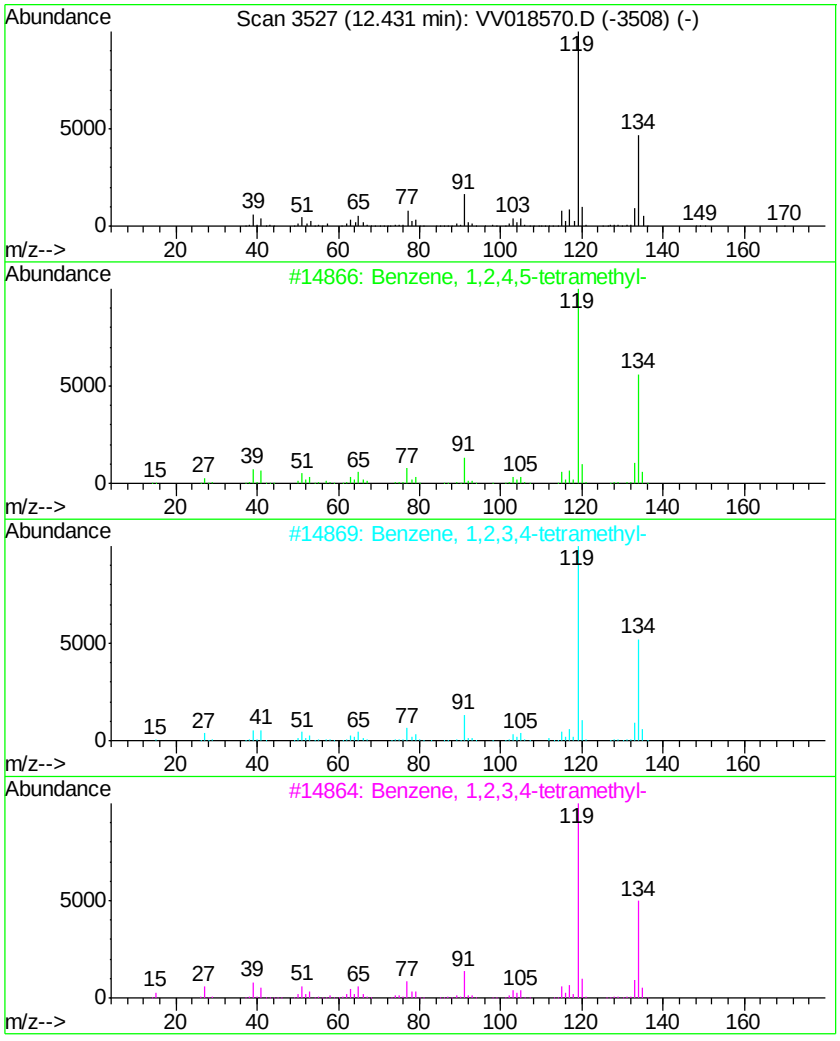
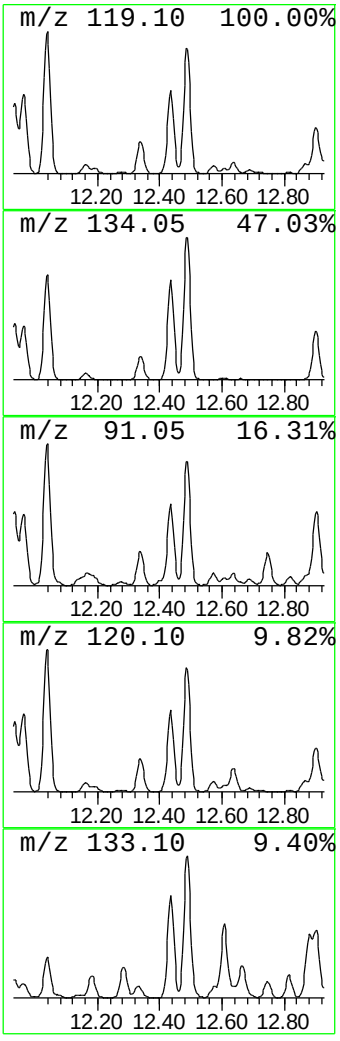
Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	53.45 ug/L	1261140	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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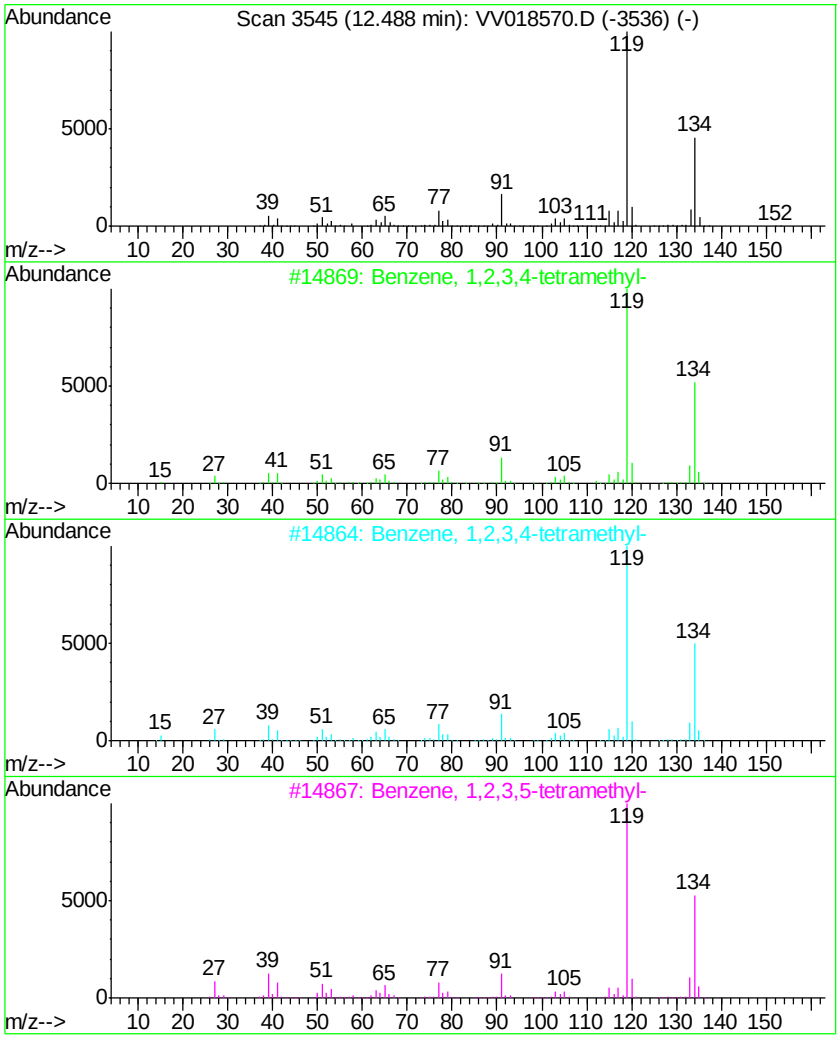
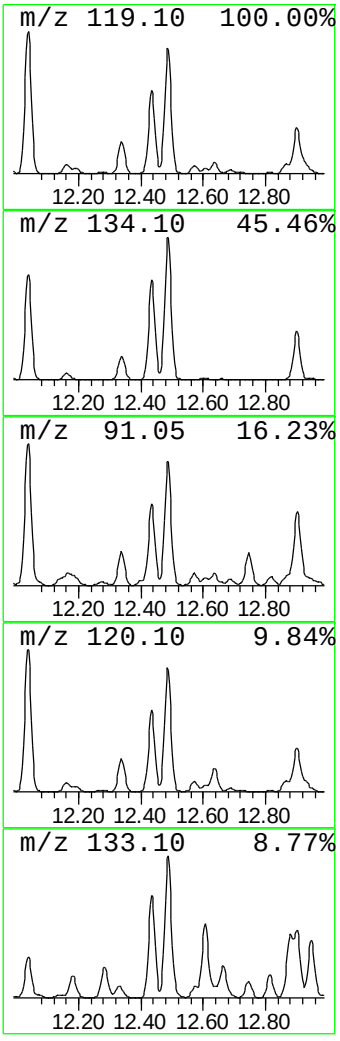
Peak Number 31 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	76.53 ug/L	1805740	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

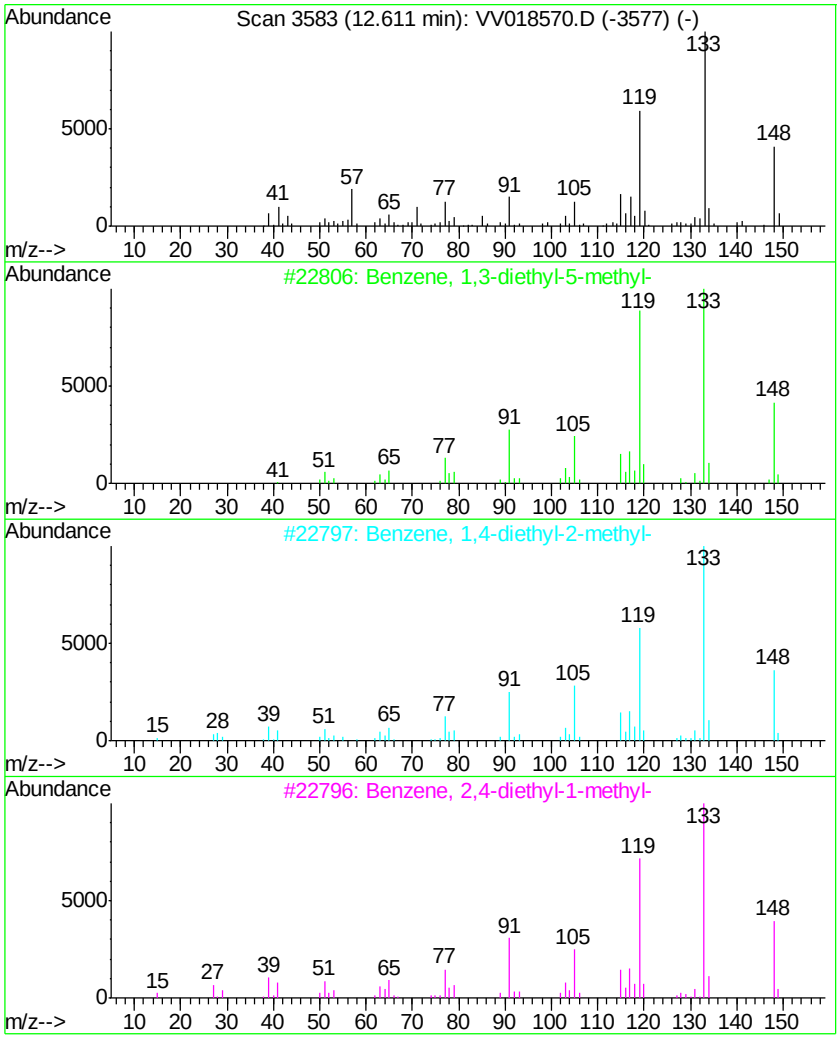
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

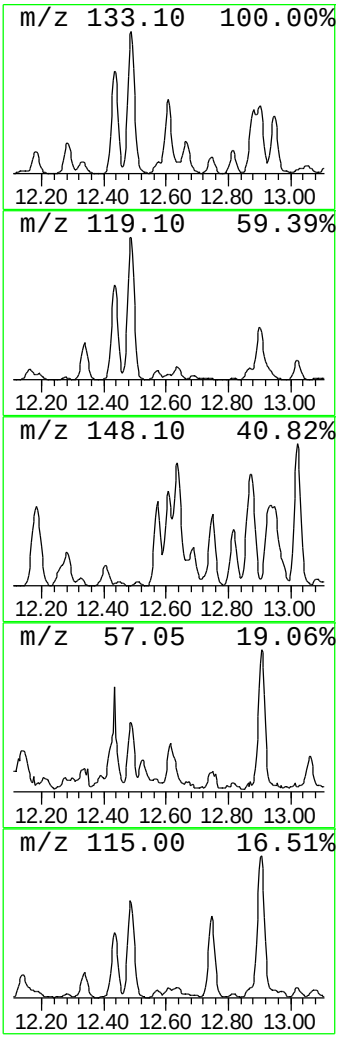
****

Peak Number 33 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.97 ug/L	70025	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

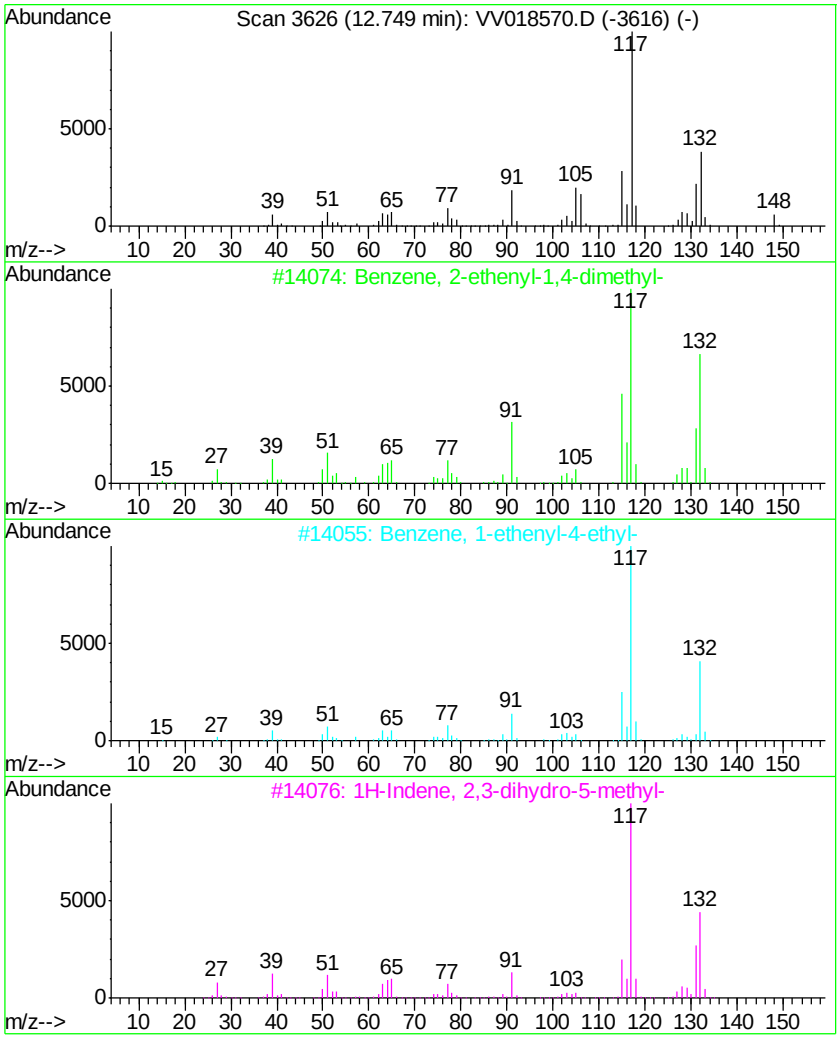
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

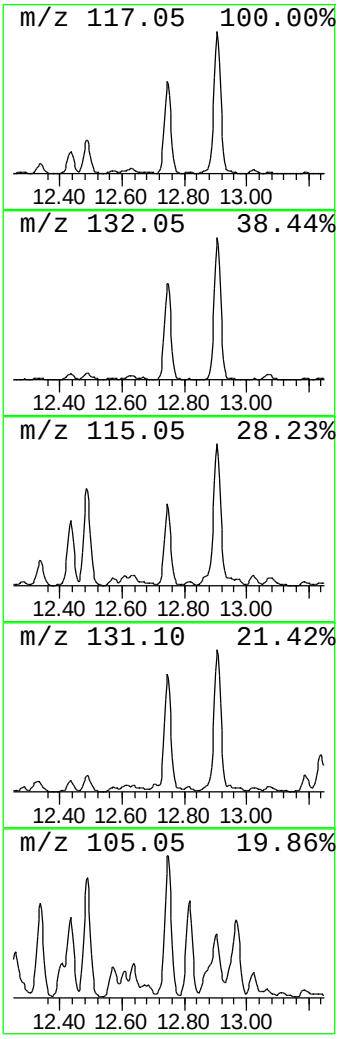
****

Peak Number 34 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	24.08 ug/L	568107	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

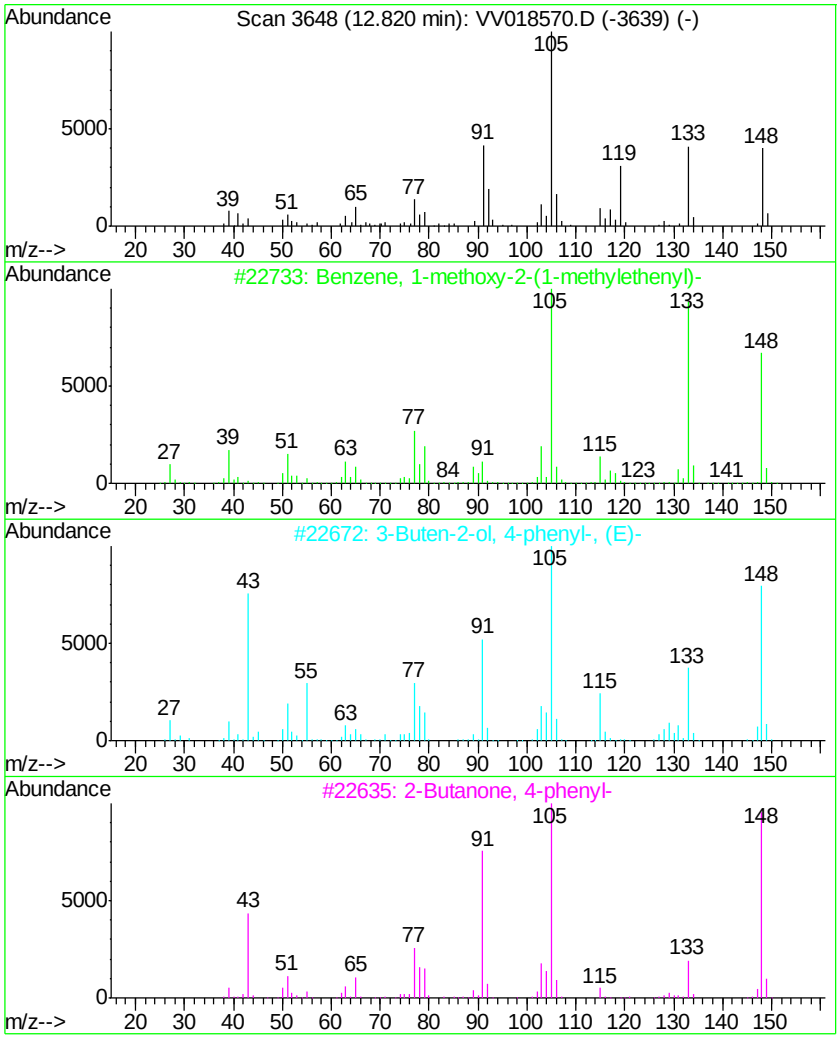
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

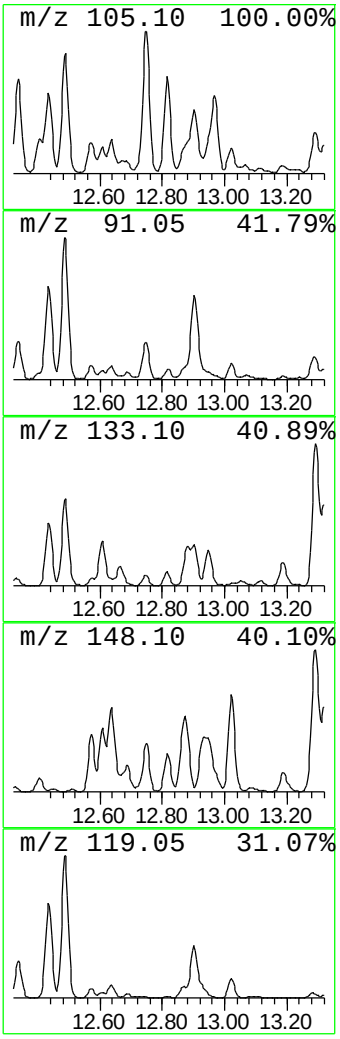
****

Peak Number 35 Benzene, 1-methoxy-2-(1-met... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.35 ug/L	78948	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	62
2	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	46
3	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	43
4	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	43
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	41





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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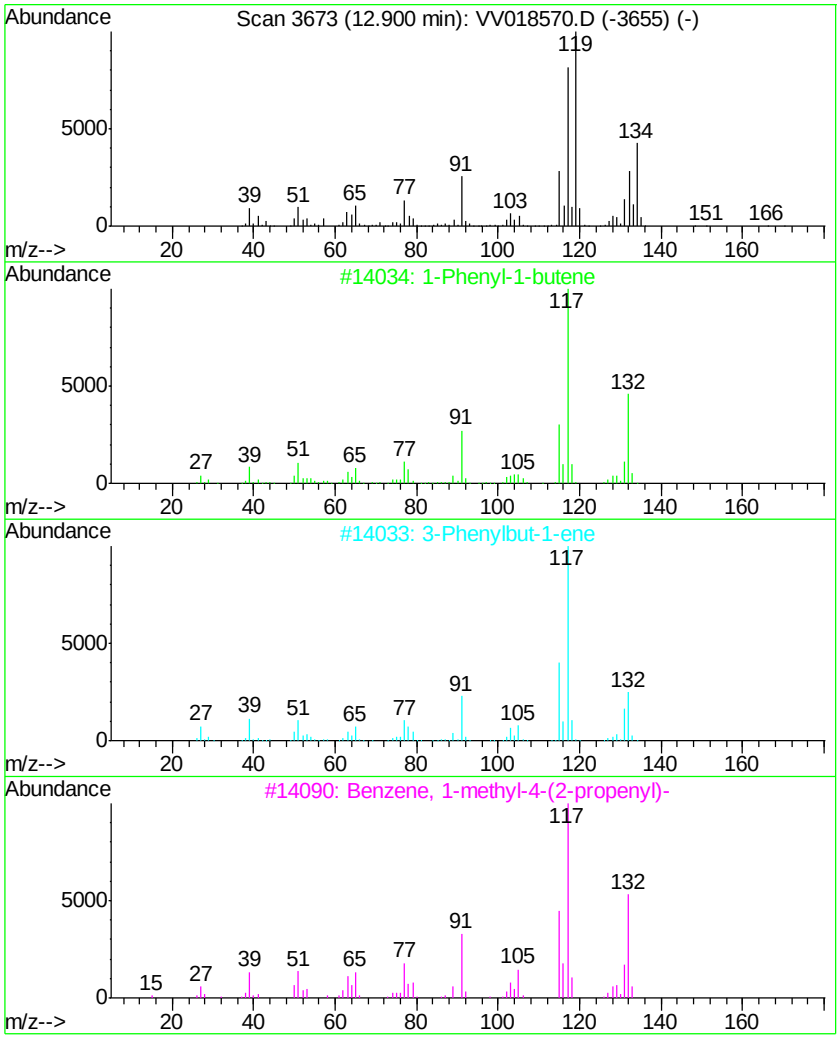
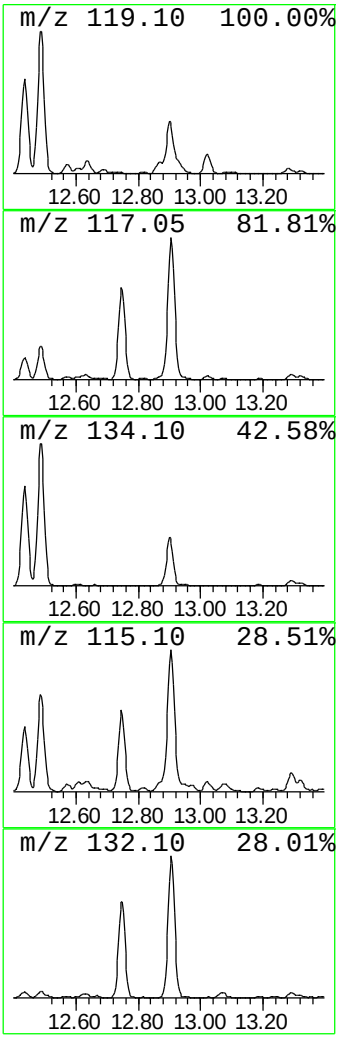
Peak Number 36 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	73.36 ug/L	1731010	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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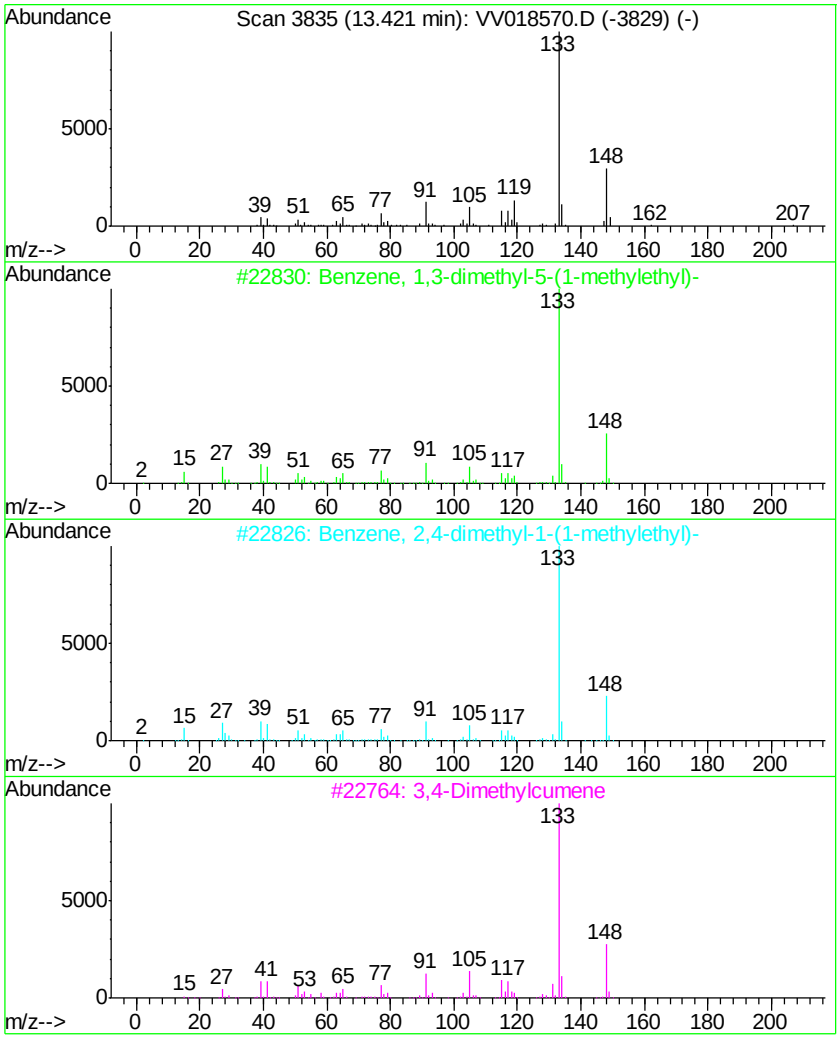
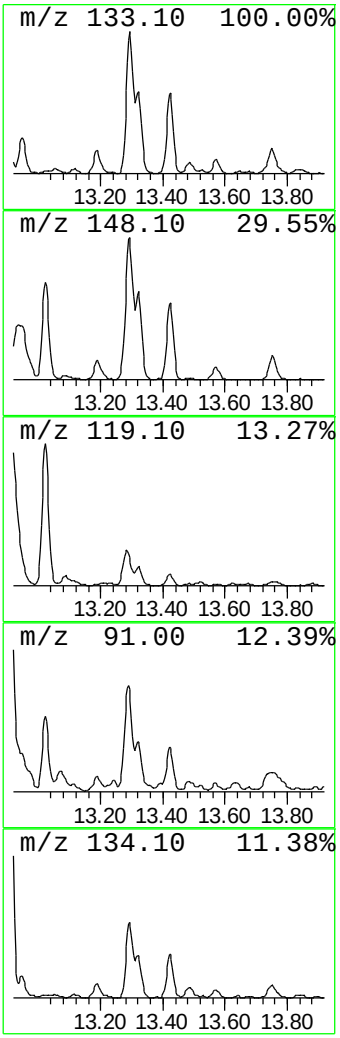
Peak Number 38 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.95 ug/L	140386	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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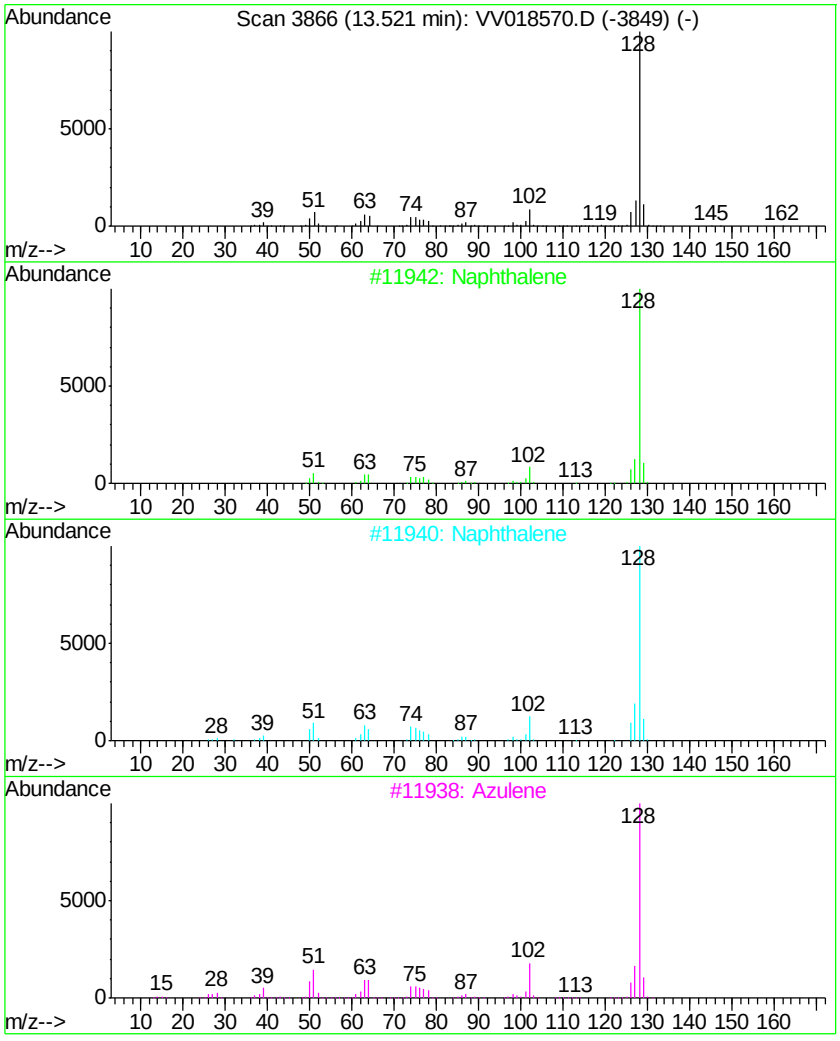
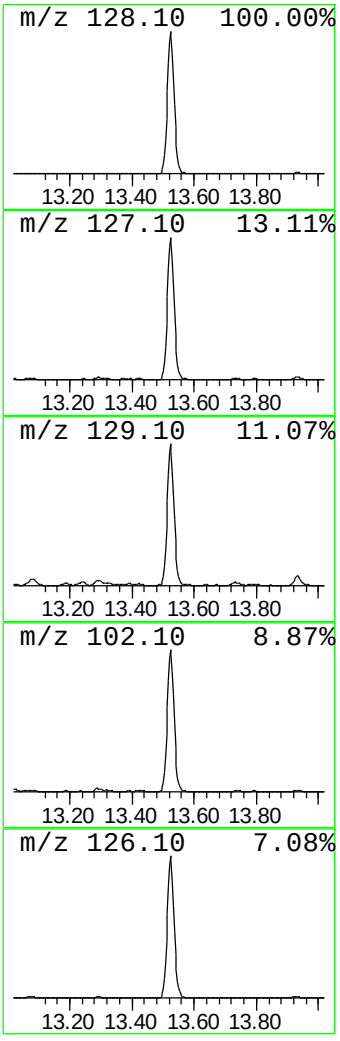
Peak Number 39 Azulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	51.60 ug/L	1217520	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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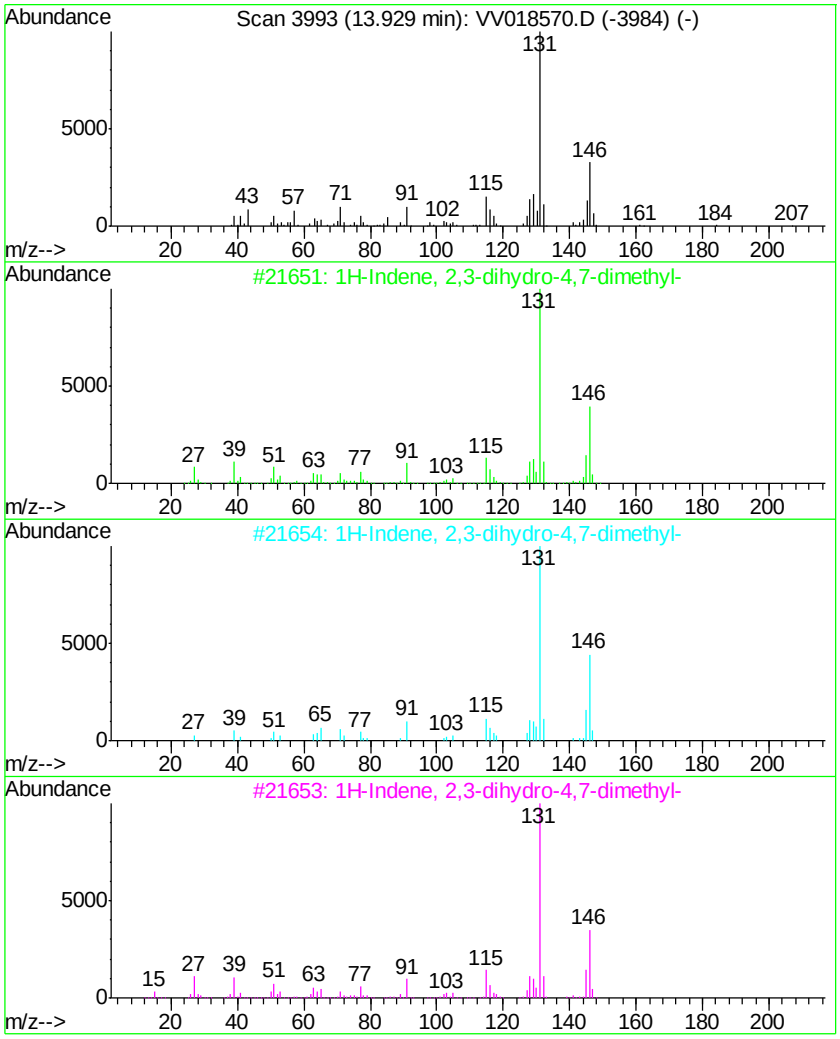
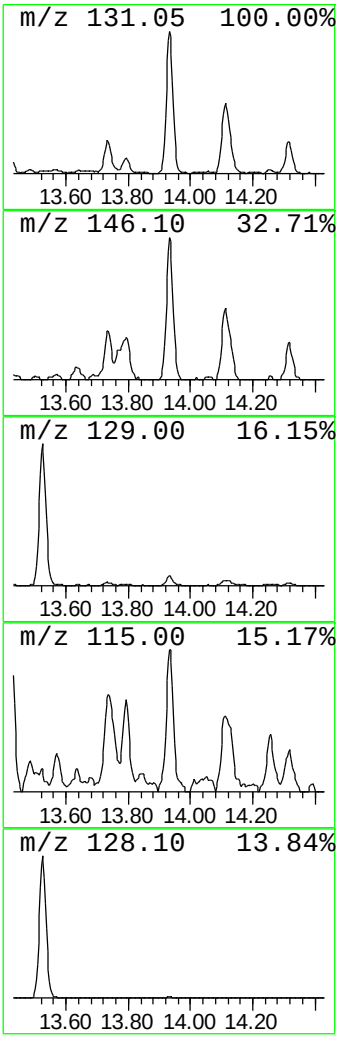
Peak Number 40 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.81 ug/L	113581	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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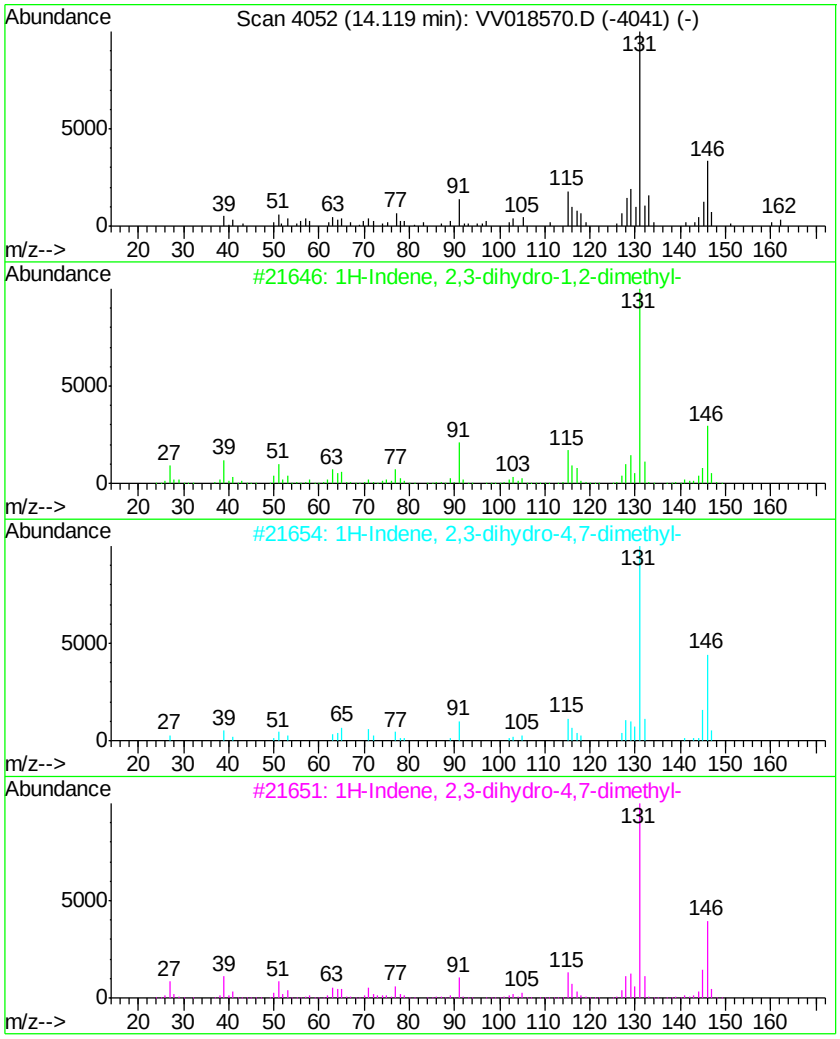
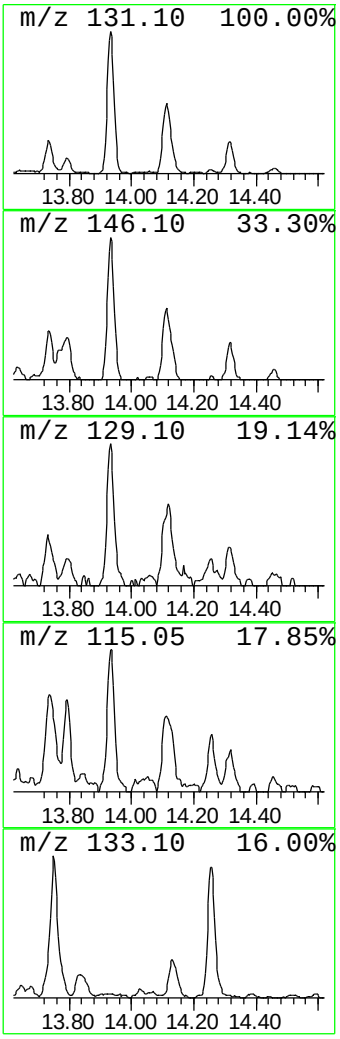
Peak Number 41 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.20 ug/L	75494	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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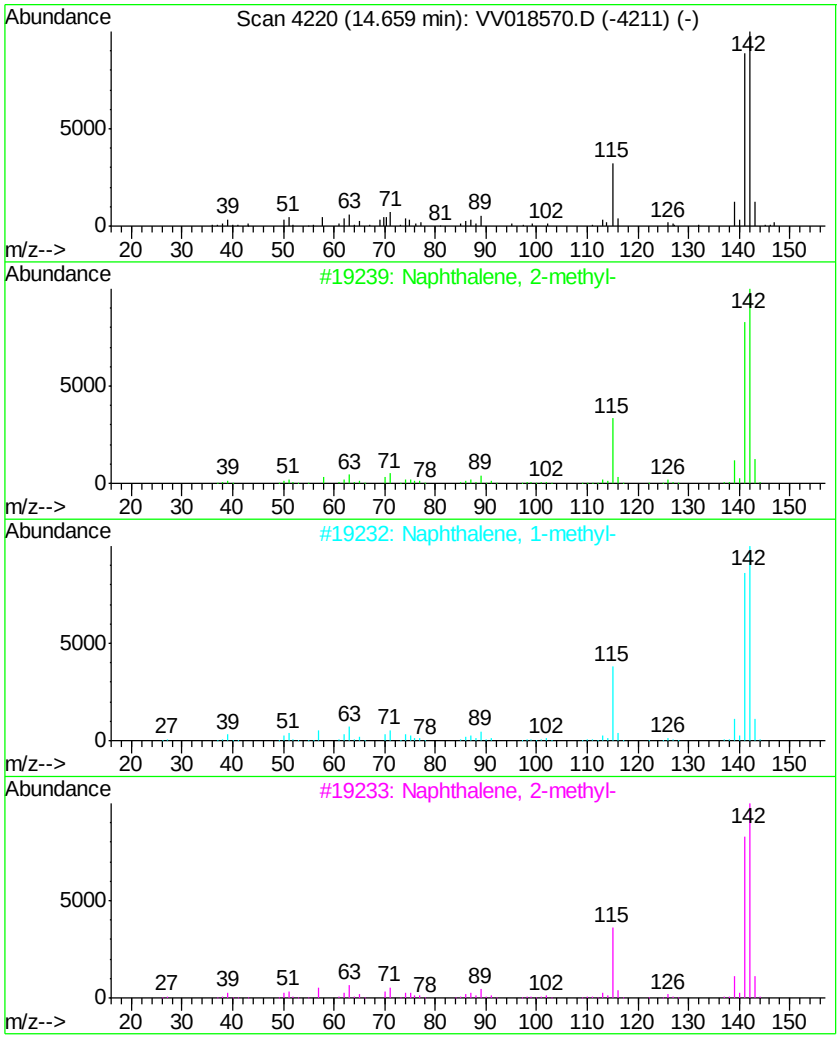
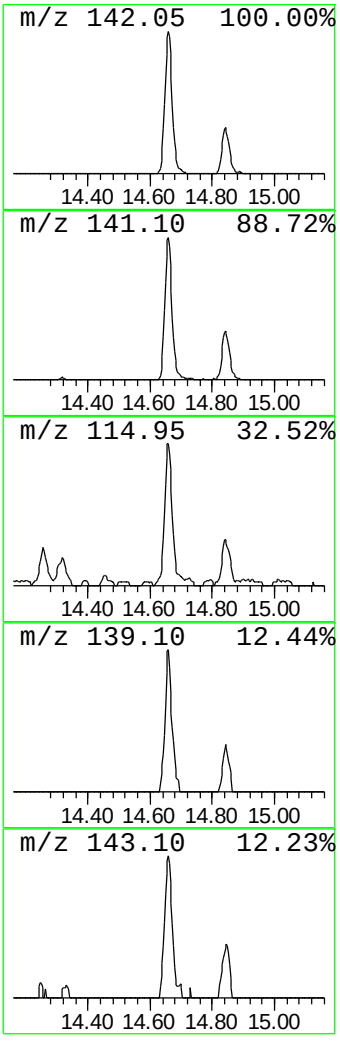
Peak Number 42 Naphthalene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.94 ug/L	69400	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018570.D
Acq On : 30 Sep 2020 15:28
Operator : SY/MD
Sample : L4171-14DL 5X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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...	2.54	177.8	ug/L	2762200	1	5.64	776632	50.0
(DEL) Alkane: Str...	2.78	289.3	ug/L	4493160	1	5.64	776632	50.0
(DEL) Alkane: Str...	3.06	721.1	ug/L	11201300	1	5.64	776632	50.0
(DEL) Alkane: Str...	3.56	19.8	ug/L	306869	1	5.64	776632	50.0
(DEL) Alkane: Str...	3.69	9.1	ug/L	140563	1	5.64	776632	50.0
(DEL) Alkane: Cyc...	3.78	203.9	ug/L	3167920	1	5.64	776632	50.0
(DEL) Alkane: Str...	6.80	2.7	ug/L	41955	1	5.64	776632	50.0
(DEL) Alkane: Str...	7.28	3.2	ug/L	63890	2	8.87	985031	50.0
(DEL) Alkane: Str...	9.22	3.0	ug/L	58948	2	8.87	985031	50.0
(DEL) Alkane: Str...	10.14	5.2	ug/L	122668	3	11.27	1179730	50.0
Benzene, propyl-	10.37	172.2	ug/L	4063390	3	11.27	1179730	50.0
Benzene, 1-ethyl-...	10.47	831.8	ug/L	19625800	3	11.27	1179730	50.0
Mesitylene	10.56	303.3	ug/L	7155370	3	11.27	1179730	50.0
Benzene, 1,2,3-tr...	10.94	864.6	ug/L	20399500	3	11.27	1179730	50.0
Benzene, (2-methy...	11.08	7.4	ug/L	174543	3	11.27	1179730	50.0
Tetradecane, 1-ch...	11.17	3.2	ug/L	75415	3	11.27	1179730	50.0
p-Cymene	11.22	11.5	ug/L	270802	3	11.27	1179730	50.0
Indane	11.55	66.6	ug/L	1570520	3	11.27	1179730	50.0
Benzene, 1,2-diet...	11.77	3.5	ug/L	82548	3	11.27	1179730	50.0
(DEL) Alkane: Str...	11.81	8.4	ug/L	198285	3	11.27	1179730	50.0
Benzene, 1-methyl...	11.84	18.3	ug/L	432356	3	11.27	1179730	50.0
Benzene, 2-ethyl-...	11.93	43.5	ug/L	1026350	3	11.27	1179730	50.0
Benzene, 1-ethyl-...	12.04	82.1	ug/L	1937860	3	11.27	1179730	50.0
o-Cymene	12.16	17.5	ug/L	412937	3	11.27	1179730	50.0
Benzene, 4-ethyl-...	12.34	18.7	ug/L	441505	3	11.27	1179730	50.0
Benzene, 1,2,4,5-...	12.43	53.5	ug/L	1261140	3	11.27	1179730	50.0
Benzene, 1,2,3,4-...	12.49	76.5	ug/L	1805740	3	11.27	1179730	50.0
Benzene, 1,3-diet...	12.61	3.0	ug/L	70025	3	11.27	1179730	50.0
Benzene, 2-etheny...	12.75	24.1	ug/L	568107	3	11.27	1179730	50.0
Benzene, 1-methox...	12.82	3.4	ug/L	78948	3	11.27	1179730	50.0
1-Phenyl-1-butene	12.90	73.4	ug/L	1731010	3	11.27	1179730	50.0
Benzene, 1,3-dime...	13.42	6.0	ug/L	140386	3	11.27	1179730	50.0
Azulene	13.52	51.6	ug/L	1217520	3	11.27	1179730	50.0
1H-Indene, 2,3-di...	13.93	4.8	ug/L	113581	3	11.27	1179730	50.0
1H-Indene, 2,3-di...	14.12	3.2	ug/L	75494	3	11.27	1179730	50.0
Naphthalene, 1-me...	14.66	2.9	ug/L	69400	3	11.27	1179730	50.0