LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	62	69	83	rBV	178200	207940	0.20%	0.033%
2	1.579	143	152	172	rBV	121302	189198	0.18%	0.030%
3	2.100	304	314	329	rBV	333464	473954	0.45%	0.075%
4	2.528	422	447	470	rVV	1741005	3491745	3.30%	0.551%
5	2.759	501	519	550	rBV	2922820	5873064	5.54%	0.926%
6	3.045	590	608	635	rVV	7735677	15445789	14.58%	2.435%
7	3.550	748	765	790	rBV2	140066	433339	0.41%	0.068%
8	3.679	791	805	817	rBV3	87000	211498	0.20%	0.033%
9	3.775	817	835	855	rVB	1573544	3933056	3.71%	0.620%
10	3.936	874	885	933	rBV	68825	255742	0.24%	0.040%
11	4.373	1005	1021	1044	rBV	217910	599545	0.57%	0.095%
12	4.627	1081	1100	1112	rBV	375371	967382	0.91%	0.153%
13	4.691	1114	1120	1139	rVV3	146861	336713	0.32%	0.053%
14	5.068	1219	1237	1271	rBV2	610863	1577464	1.49%	0.249%
15	5.640	1402	1415	1448	rBV	333145	737640	0.70%	0.116%
16	6.093	1542	1556	1584	rBV	304266	749753	0.71%	0.118%
17	6.672	1716	1736	1754	rBV	63908	143606	0.14%	0.023%
18	6.797	1758	1775	1786	rBV	97745	203792	0.19%	0.032%
19	6.936	1807	1818	1827	rBV	96848	170999	0.16%	0.027%
20	7.010	1832	1841	1860	rVV	170087	377788	0.36%	0.060%
21	7.100	1861	1869	1888	rVB	70196	136633	0.13%	0.022%
22	7.283	1911	1926	1934	rBV2	282096	555934	0.52%	0.088%
23	7.338	1934	1943	1953	rVV	698787	1326285	1.25%	0.209%
24	7.412	1953	1966	1998	rVB	10040660	18509648	17.47%	2.918%
25	7.585	2011	2020	2030	rBV	256108	389145	0.37%	0.061%
26	7.650	2030	2040	2043	rBV2	103458	162492	0.15%	0.026%
27	8.148	2162	2195	2213	rBV2	197289	808352	0.76%	0.127%
28	8.309	2236	2245	2256	rVB	88076	145593	0.14%	0.023%
29	8.688	2353	2363	2376	rVB3	103322	181897	0.17%	0.029%
30	8.810	2388	2401	2410	rBV	83119	135930	0.13%	0.021%
31	8.878	2410	2422	2444	rBV	481219	1039796	0.98%	0.164%
32	9.035	2458	2471	2494	rBV	3212905	5571271	5.26%	0.878%
33	9.164	2495	2511	2523	rVV	12856461	22840286	21.56%	3.601%
34	9.225	2523	2530	2553	rVB	504904	858197	0.81%	0.135%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	9.495	2600	2614	2623	rVV2	161760	318987	0.30%	0.050%
36	9.569	2624	2637	2657	rVV	6569447	11609496	10.96%	1.831%
37	9.730	2680	2687	2697	rVB2	202429	313975	0.30%	0.050%
38	9.820	2697	2715	2725	rBV5	201420	457775	0.43%	0.072%
39	9.871	2725	2731	2741	rVB	90564	151264	0.14%	0.024%
40	9.955	2742	2757	2775	rBV	3175257	5489652	5.18%	0.866%
41	10.039	2775	2783	2791	rVV2	171491	292734	0.28%	0.046%
42	10.106	2791	2804	2808	rVV3	231637	466239	0.44%	0.074%
43	10.141	2809	2815	2827	rVB3	495634	855103	0.81%	0.135%
44	10.251	2828	2849	2864	rBV3	650408	1558935	1.47%	0.246%
45	10.383	2875	2890	2906	rBV	13203858	22986234	21.70%	3.624%
46	10.485	2906	2922	2938	rVV2	39224898	103958141	98.15%	16.391%
47	10.572	2938	2949	2979	rVB	26207545	44914792	42.40%	7.082%
48	10.733	2984	2999	3005	rBV	19716694	35327243	33.35%	5.570%
49	10.768	3005	3010	3028	rVB	18625160	27716163	26.17%	4.370%
50	10.958	3045	3069	3086	rVB2	52915658	105921694	100.00%	16.701%
51	11.048	3087	3097	3103	rBV2	728309	1220367	1.15%	0.192%
52	11.083	3103	3108	3113	rVV	608766	927508	0.88%	0.146%
53	11.116	3113	3118	3127	rVB	722365	1058724	1.00%	0.167%
54	11.177	3128	3137	3143	rBV2	387603	625876	0.59%	0.099%
55	11.222	3143	3151	3159	rVV	1185154	1793680	1.69%	0.283%
56	11.273	3159	3167	3176	rVV3	978497	1572240	1.48%	0.248%
57	11.315	3177	3180	3184	rVV2	195331	223124	0.21%	0.035%
58	11.366	3184	3196	3216	rVB	19087963	30929127	29.20%	4.877%
59	11.485	3226	3233	3243	rVB2	389059	581486	0.55%	0.092%
60	11.556	3243	3255	3263	rBV2	6655616	12471810	11.77%	1.966%
61	11.598	3263	3268	3276	rVV	4885558	7300204	6.89%	1.151%
62	11.665	3276	3289	3304	rVB3	8110753	17523655	16.54%	2.763%
63	11.772	3313	3322	3327	rBV2	444311	702625	0.66%	0.111%
64	11.813	3327	3335	3339	rVV	1727203	2499964	2.36%	0.394%
65	11.842	3339	3344	3362	rVB	2067820	3220168	3.04%	0.508%
66	11.936	3362	3373	3378	rBV	4448430	6881785	6.50%	1.085%
67	11.964	3378	3382	3393	rVV	4614930	6383951	6.03%	1.007%
68	12.042	3393	3406	3427	rVB	8524145	13188272	12.45%	2.079%
69	12.170	3428	3446	3467	rBV5	887795	3166141	2.99%	0.499%
70	12.283	3467	3481	3489	rBV6	482882	1063977	1.00%	0.168%
71	12.337	3489	3498	3508	rVB	2124568	3180472	3.00%	0.501%

LSC Area Percent Report

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Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	12.399	3508	3517	3519	rBV2	343009	480159	0.45%	0.076%
73	12.437	3520	3529	3537	rVV	5528597	7994720	7.55%	1.261%
74	12.492	3537	3546	3562	rVB	8475941	12655321	11.95%	1.995%
75	12.572	3563	3571	3577	rBV	687328	1005759	0.95%	0.159%
76	12.611	3577	3583	3587	rVV	515756	671593	0.63%	0.106%
77	12.640	3587	3592	3603	rVB	666363	862895	0.81%	0.136%
78	12.749	3615	3626	3638	rVB	2872273	4250508	4.01%	0.670%
79	12.817	3639	3647	3655	rBV2	505287	735310	0.69%	0.116%
80	12.907	3655	3675	3703	rBV2	6536004	13061804	12.33%	2.060%
81	13.022	3703	3711	3719	rBV	1007351	1444844	1.36%	0.228%
82	13.074	3719	3727	3736	rVV7	249254	466167	0.44%	0.074%
83	13.190	3754	3763	3771	rBV	291620	464465	0.44%	0.073%
84	13.238	3772	3778	3785	rVB	150113	201413	0.19%	0.032%
85	13.292	3785	3795	3801	rBV2	1468950	2413870	2.28%	0.381%
86	13.424	3829	3836	3848	rVB	786259	1135228	1.07%	0.179%
87	13.527	3848	3868	3878	rBV	7792374	12186738	11.51%	1.922%
88	13.640	3893	3903	3908	rBV8	91108	188817	0.18%	0.030%
89	13.746	3924	3936	3944	rBV5	294284	705062	0.67%	0.111%
90	13.929	3984	3993	4008	rVB2	611486	1068183	1.01%	0.168%
91	14.119	4041	4052	4077	rVB4	353542	890502	0.84%	0.140%
92	14.257	4087	4095	4105	rBV	262380	401410	0.38%	0.063%
93	14.318	4107	4114	4126	rVB2	160200	283071	0.27%	0.045%
94	14.456	4149	4157	4169	rBV3	76139	155280	0.15%	0.024%
95	14.656	4208	4219	4230	rBV	759003	1207118	1.14%	0.190%
96	14.839	4268	4276	4292	rVV2	282349	573597	0.54%	0.090%
97	15.691	4529	4541	4552	rBV	157178	289933	0.27%	0.046%
98	15.836	4579	4586	4593	rBV	141796	211522	0.20%	0.033%
99	15.874	4593	4598	4613	rVB	90175	159502	0.15%	0.025%
100	16.334	4733	4741	4752	rVB	104956	160492	0.15%	0.025%

Sum of corrected areas: 634220332

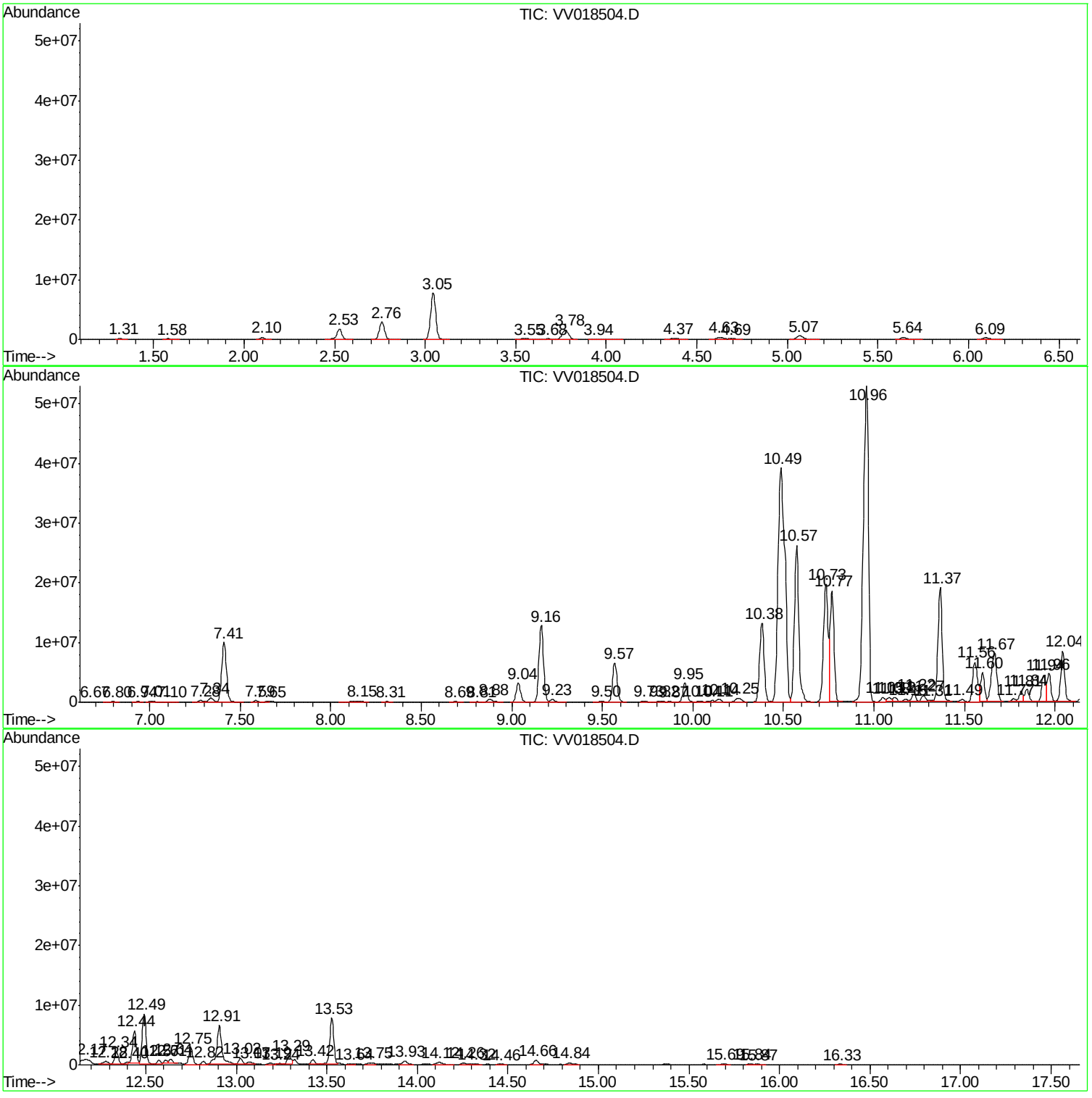
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X4

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

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

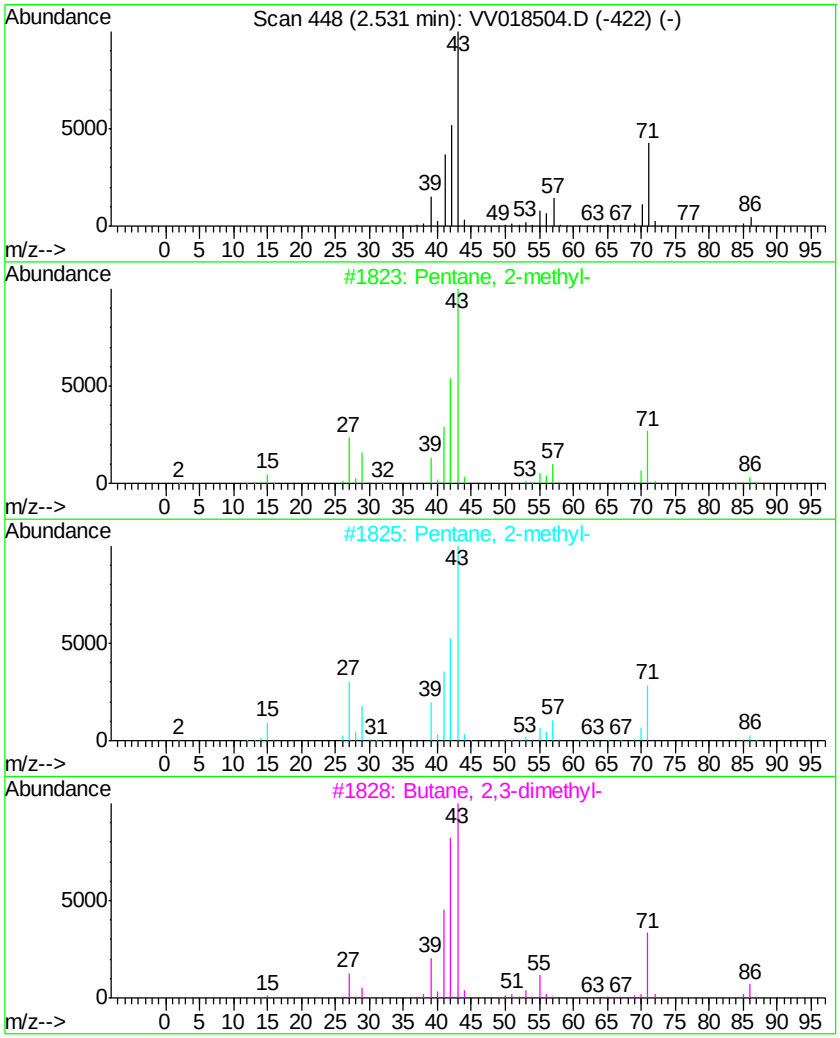
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

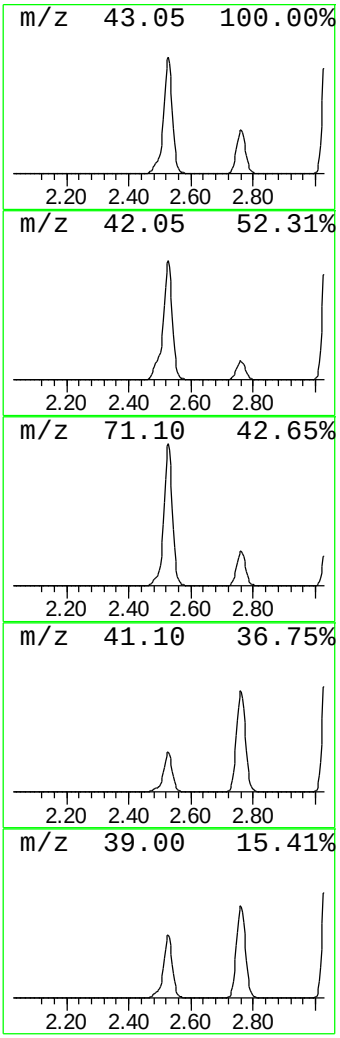
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	236.68 ug/L	3491750	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
4	Pentane	72	C5H12	000109-66-0	49
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

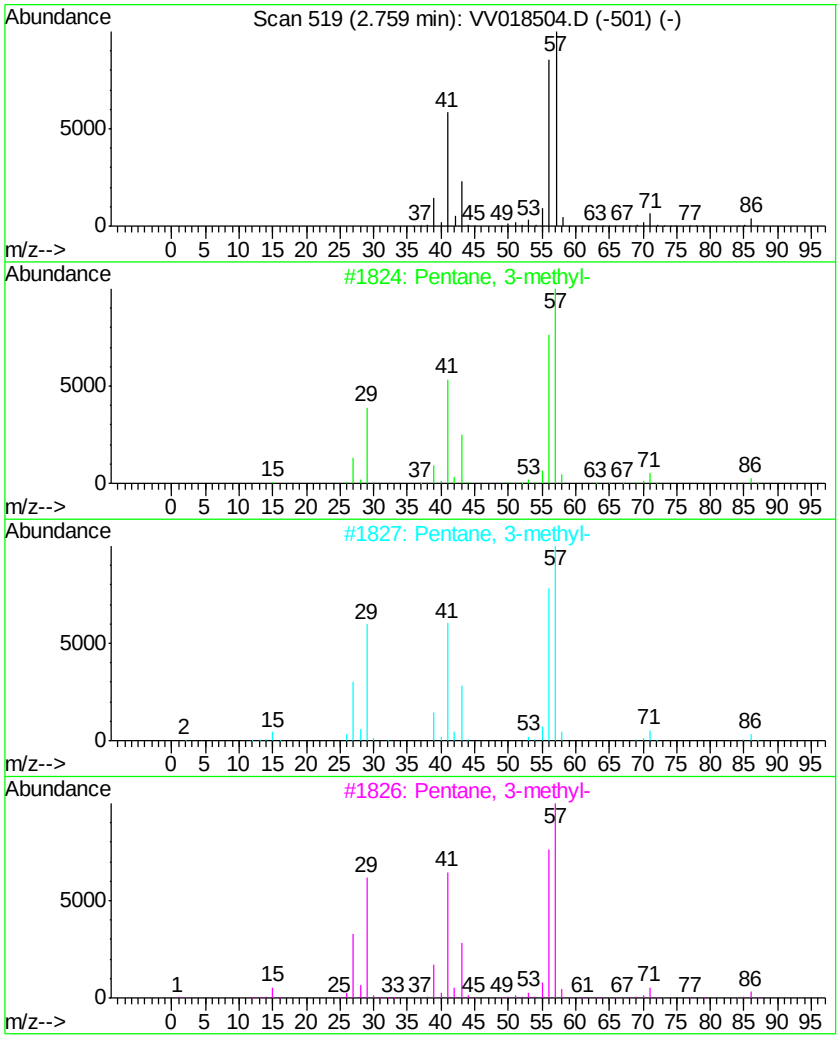
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

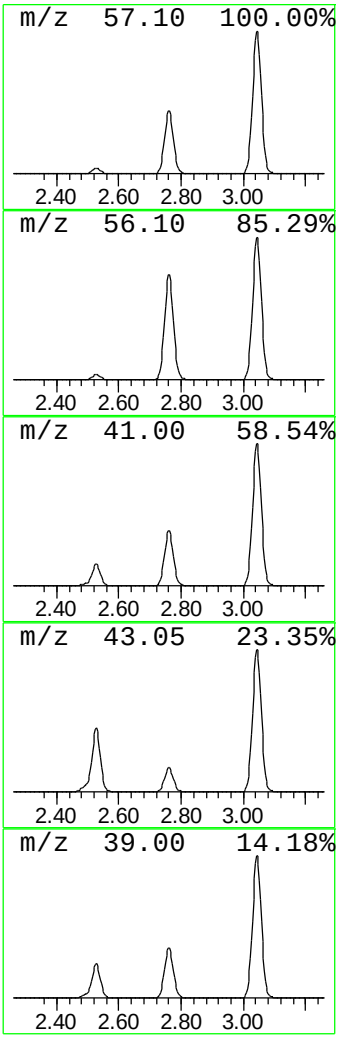
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	398.10 ug/L	5873060	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	64
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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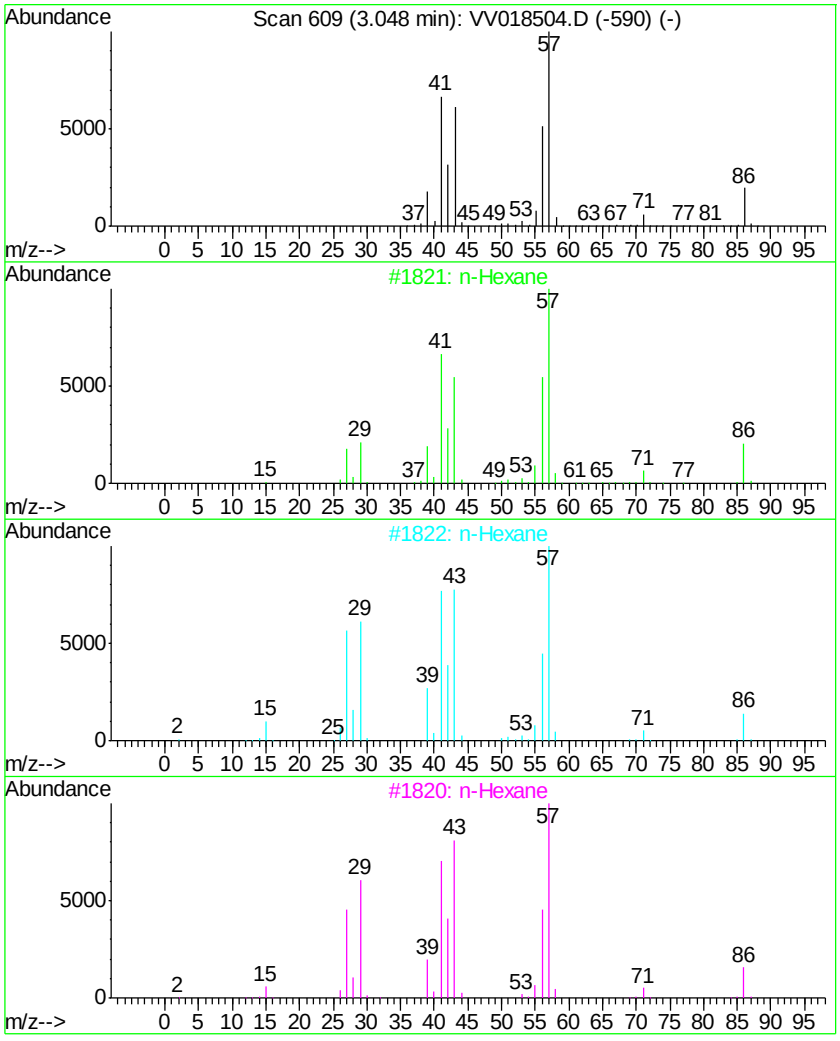
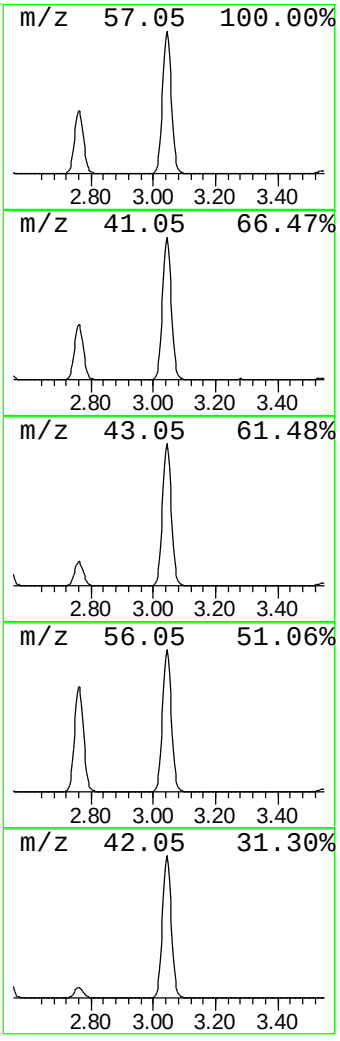
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	1046.97 ug/L	15445800	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

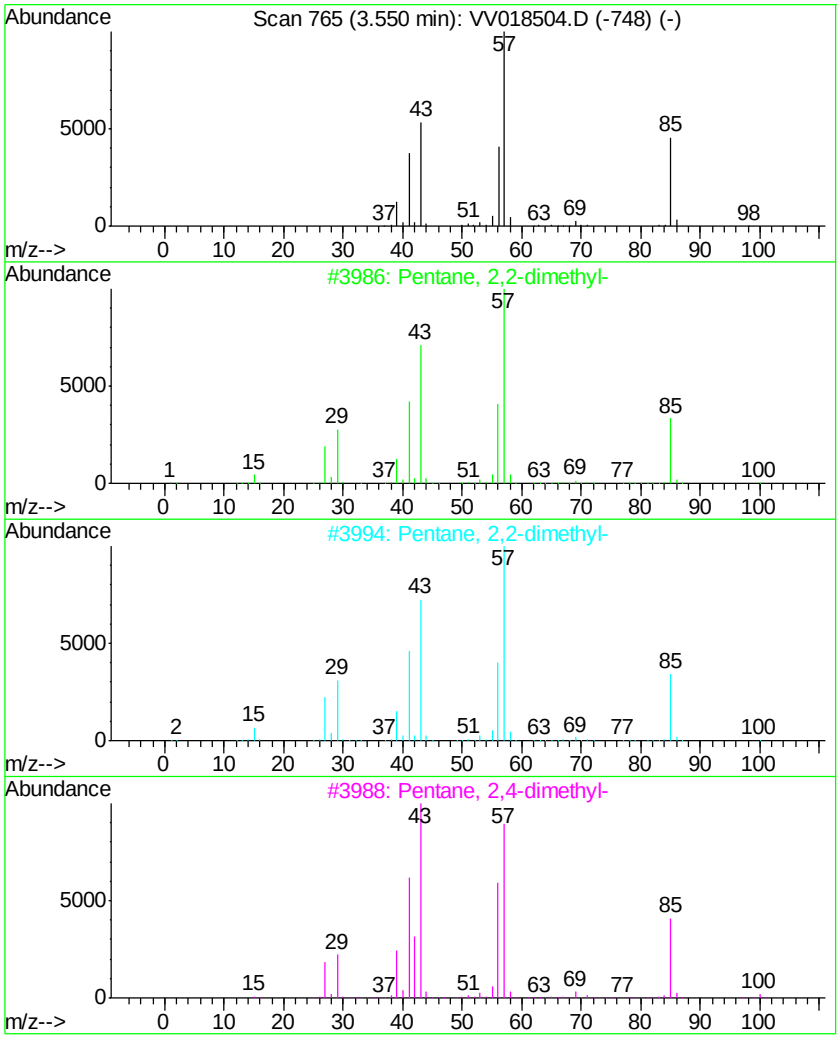
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

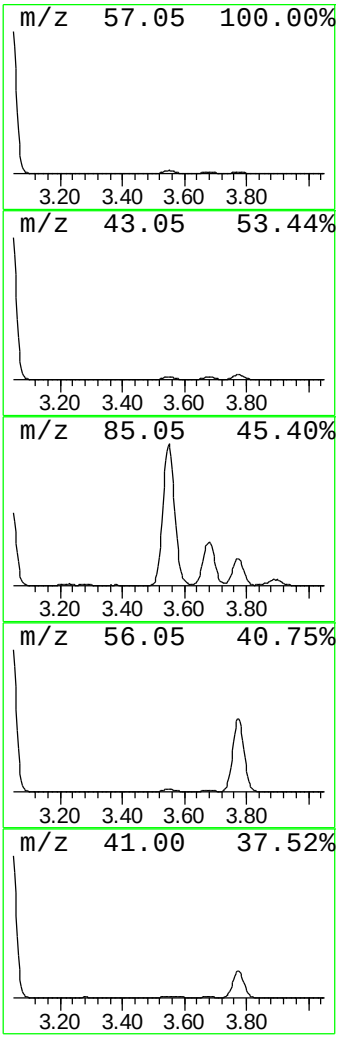
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	29.37 ug/L	433339	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

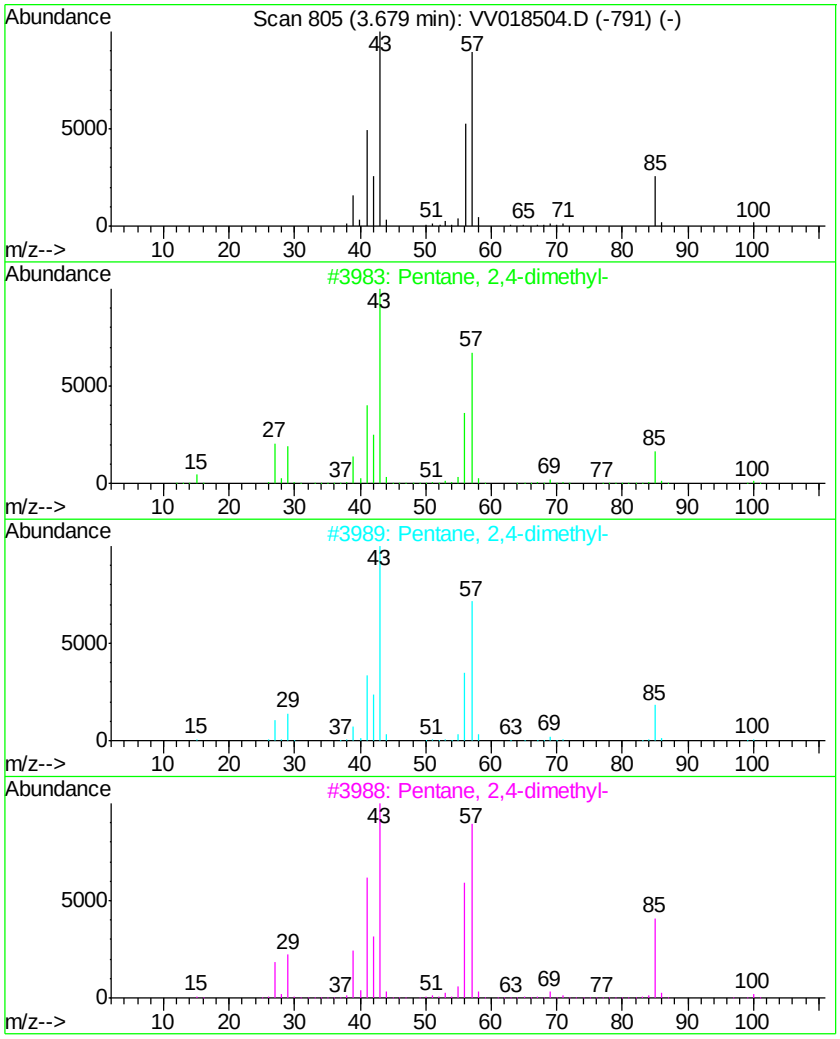
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

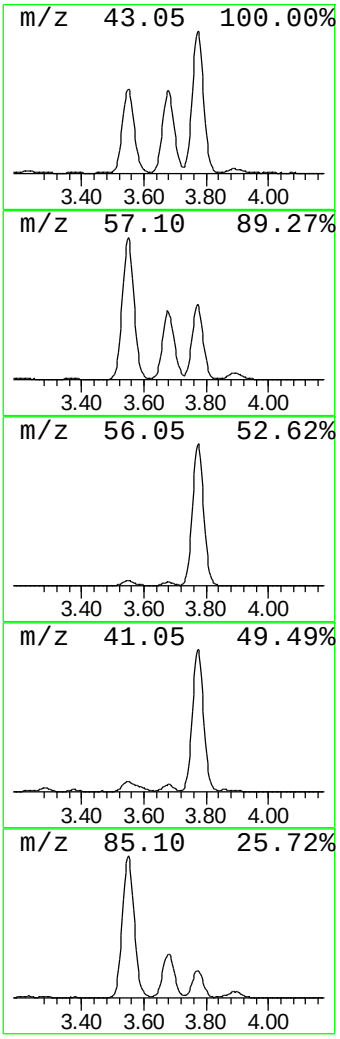
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	14.34 ug/L	211498	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	n-Hexane	86	C6H14	000110-54-3	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

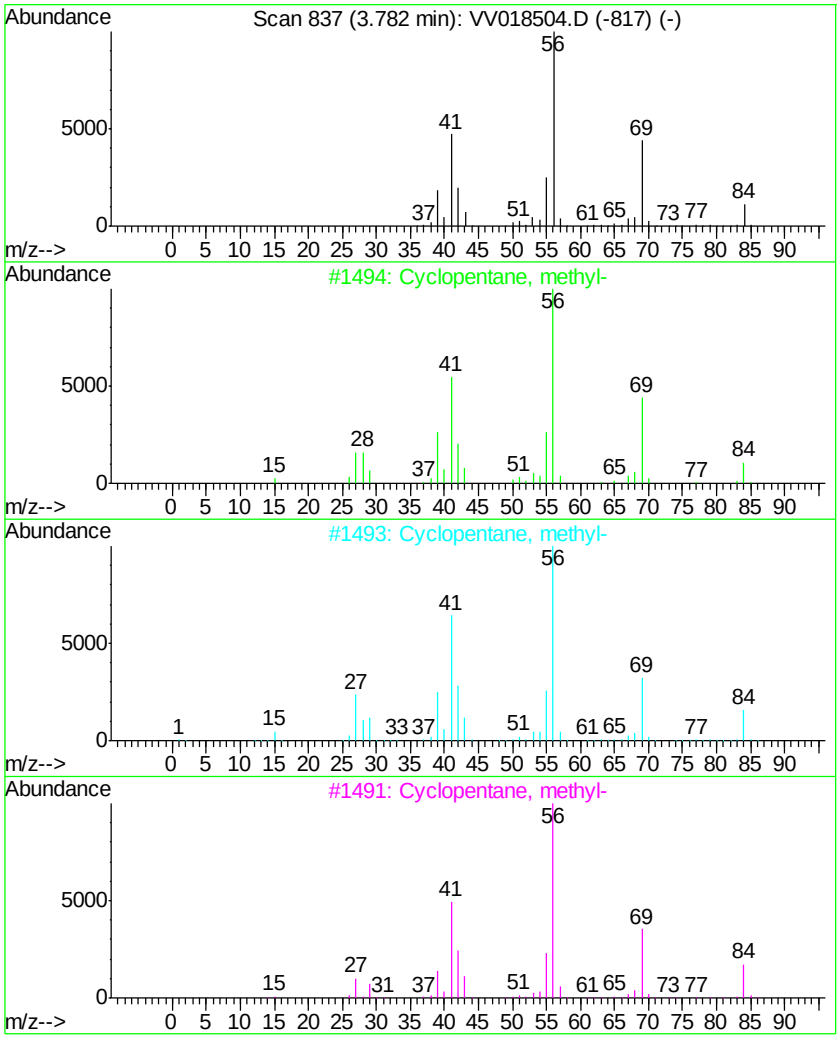
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

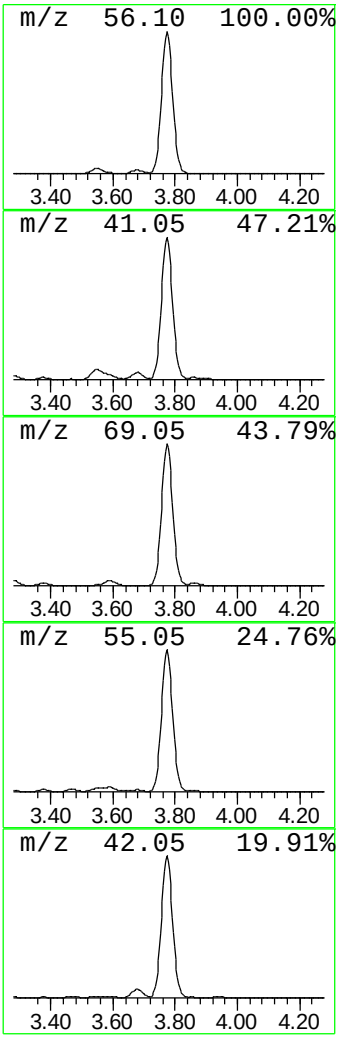
****

Peak Number 6 (DEL) Alkane: Cyclic3.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	266.60 ug/L	3933060	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	91
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\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

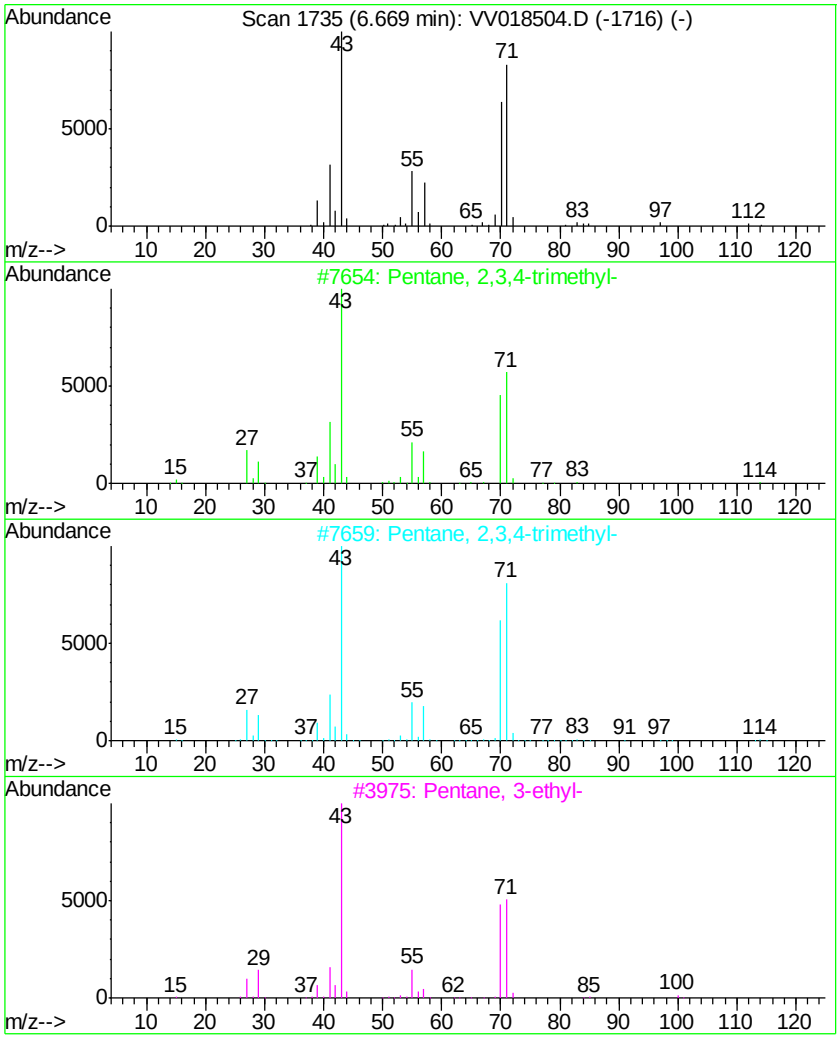
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

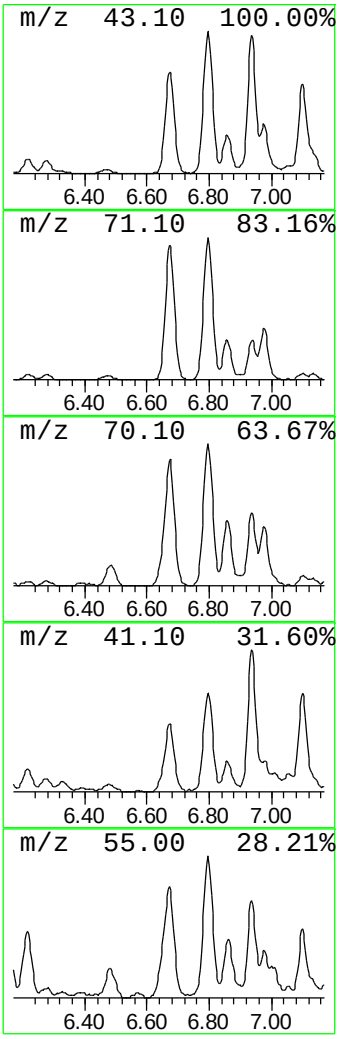
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	9.73 ug/L	143606	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

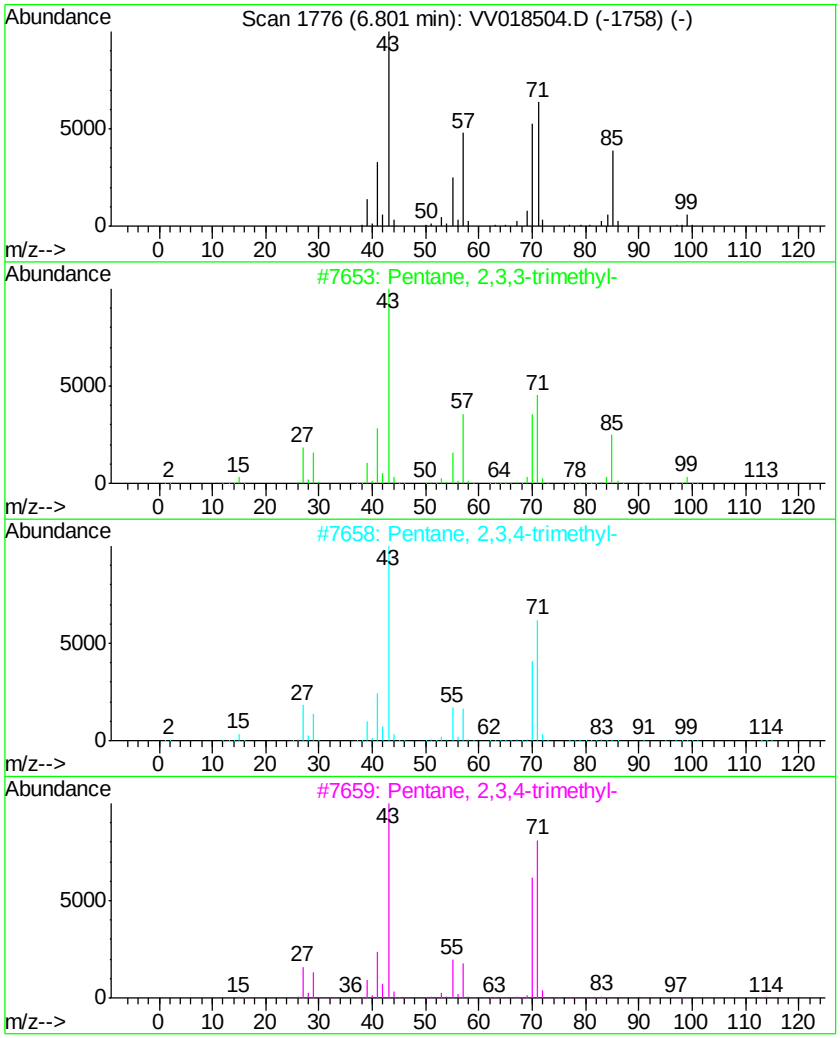
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

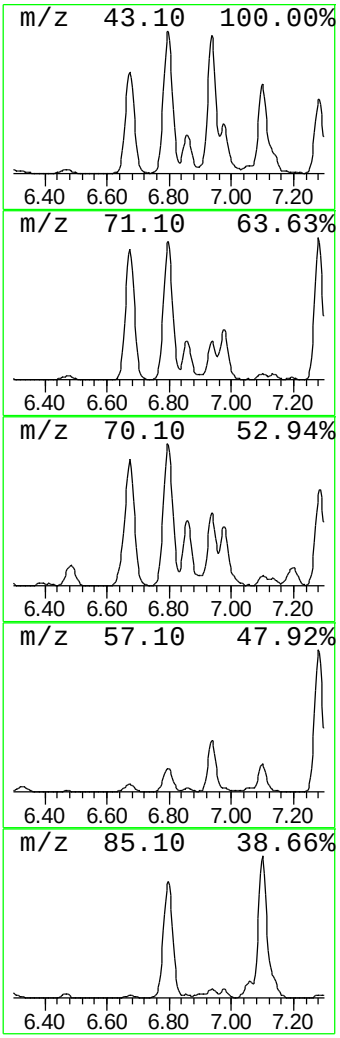
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	13.81 ug/L	203792	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	90
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

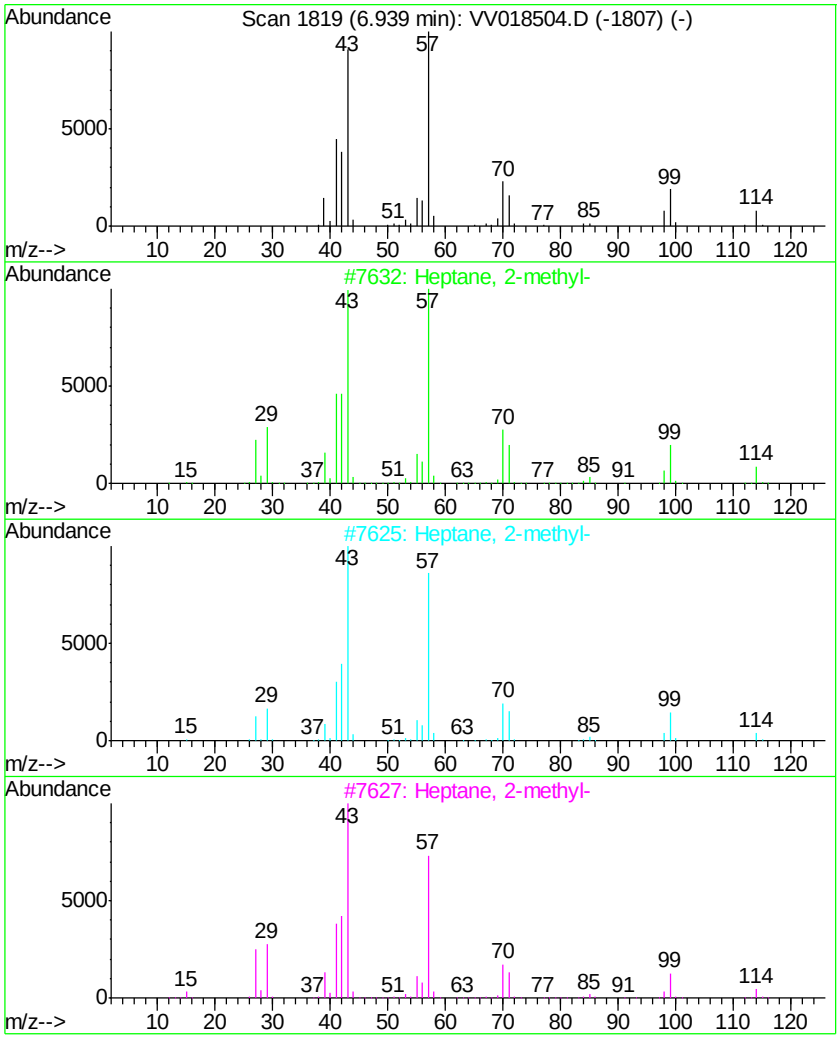
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

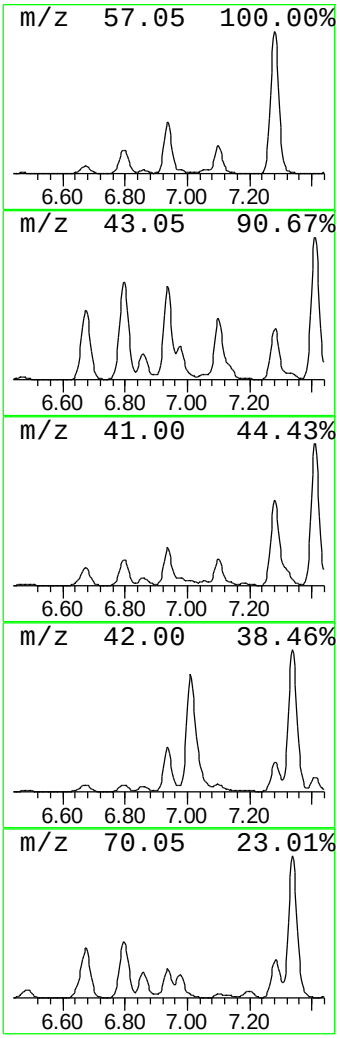
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	11.59 ug/L	170999	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
4	2-Piperidinone	99	C5H9NO	000675-20-7	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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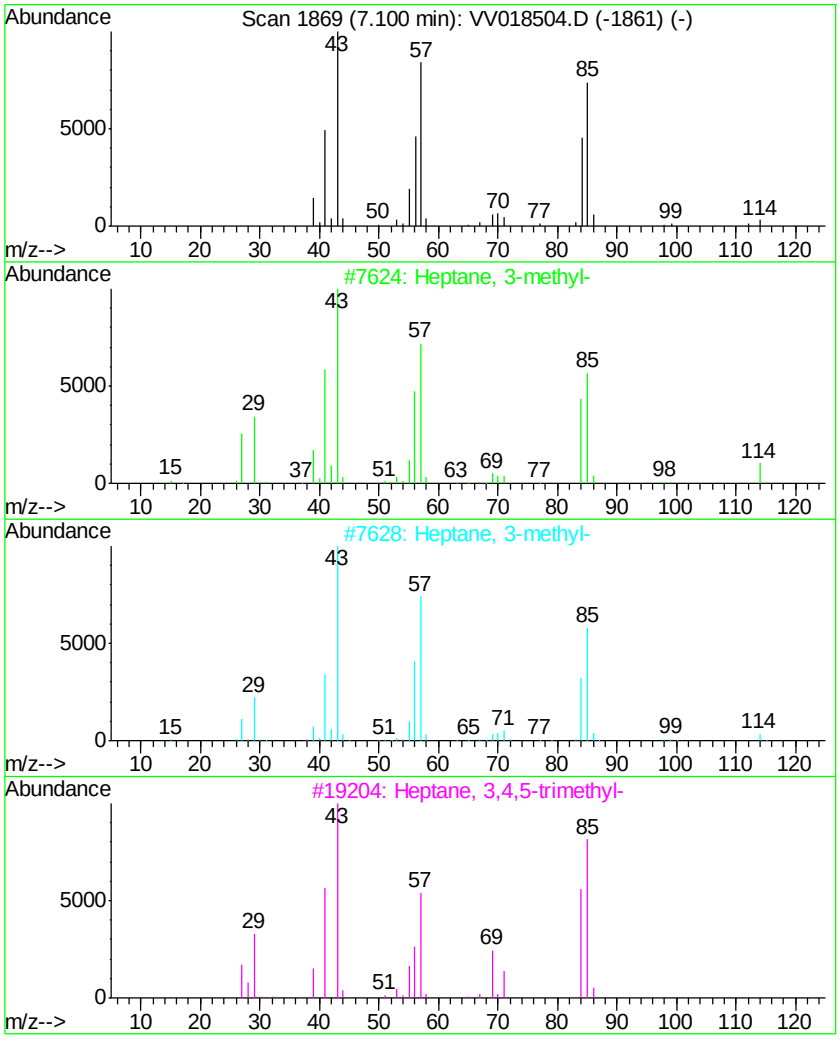
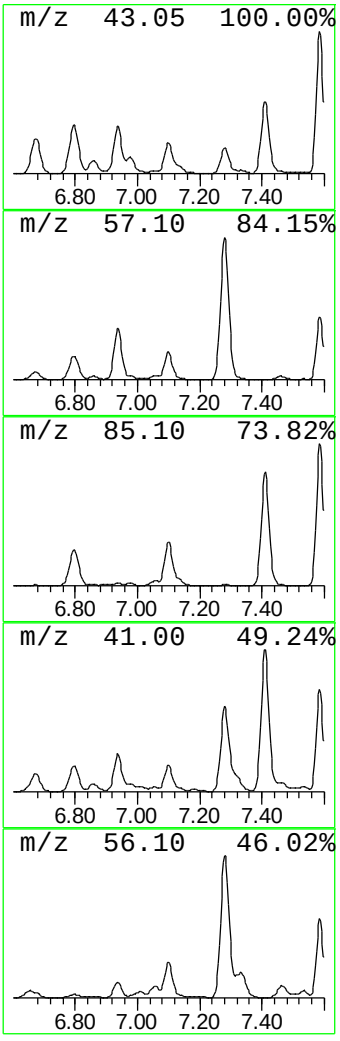
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	9.26 ug/L	136633	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	74
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

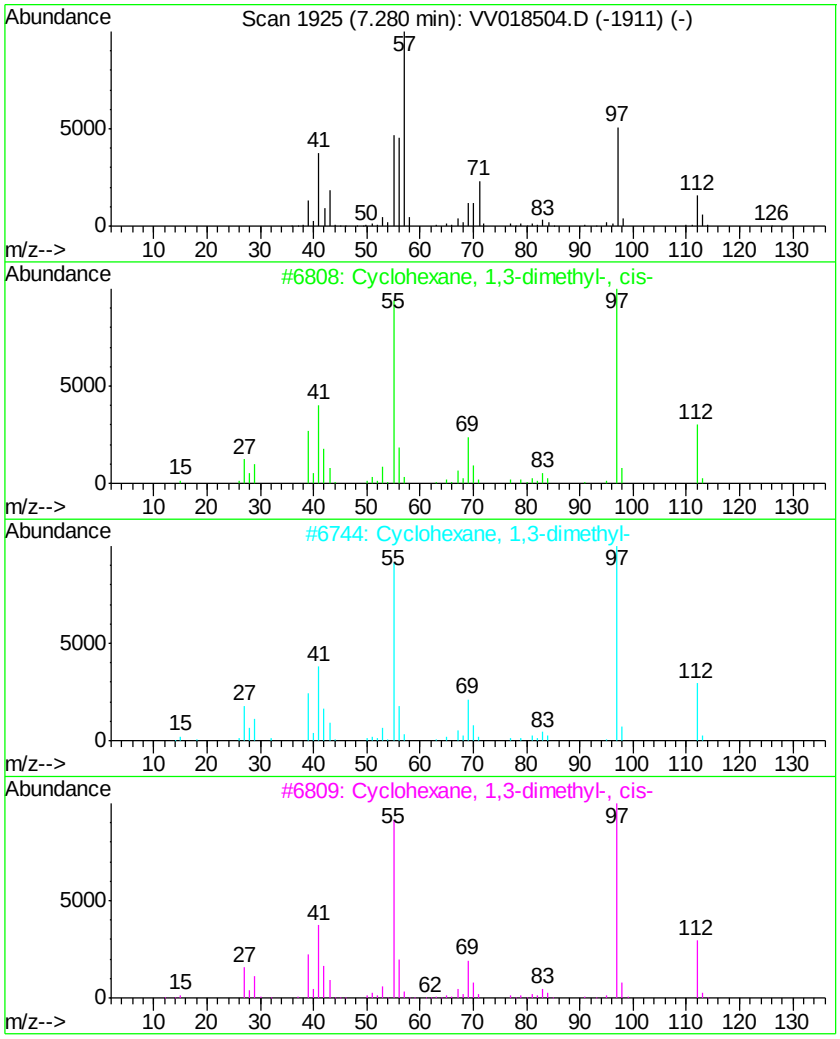
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

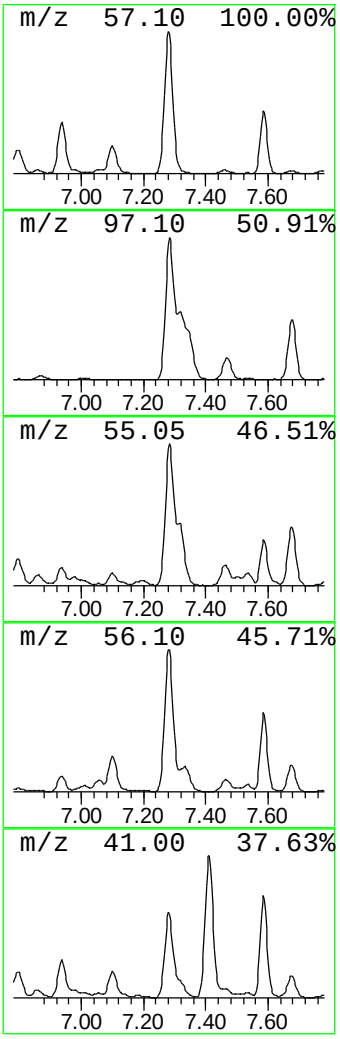
****

Peak Number 12 (DEL) Alkane: Cyclic7.28 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	26.73 ug/L	555934	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	55
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	55
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	55
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

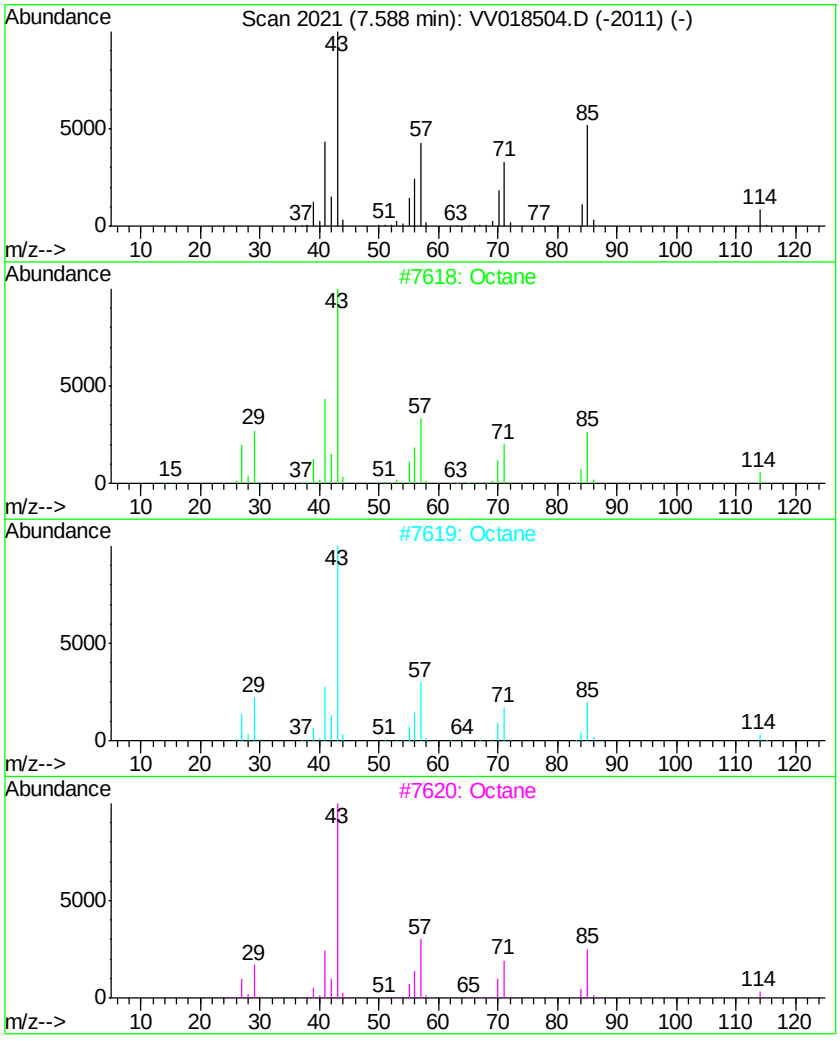
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

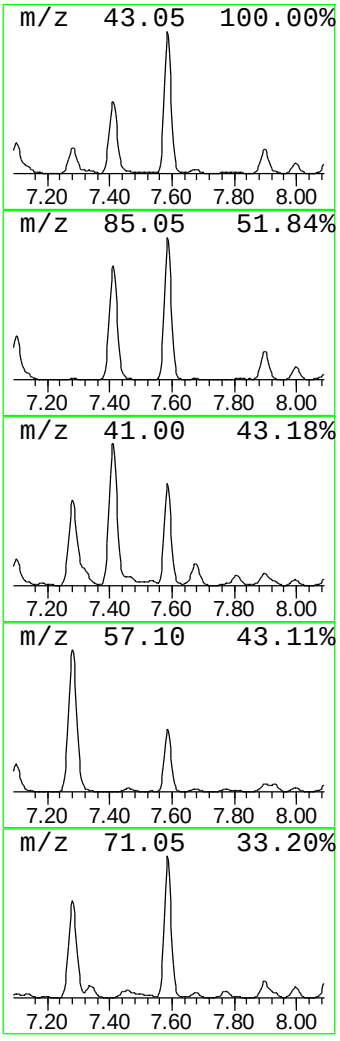
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	18.71 ug/L	389145	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	87
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	83
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

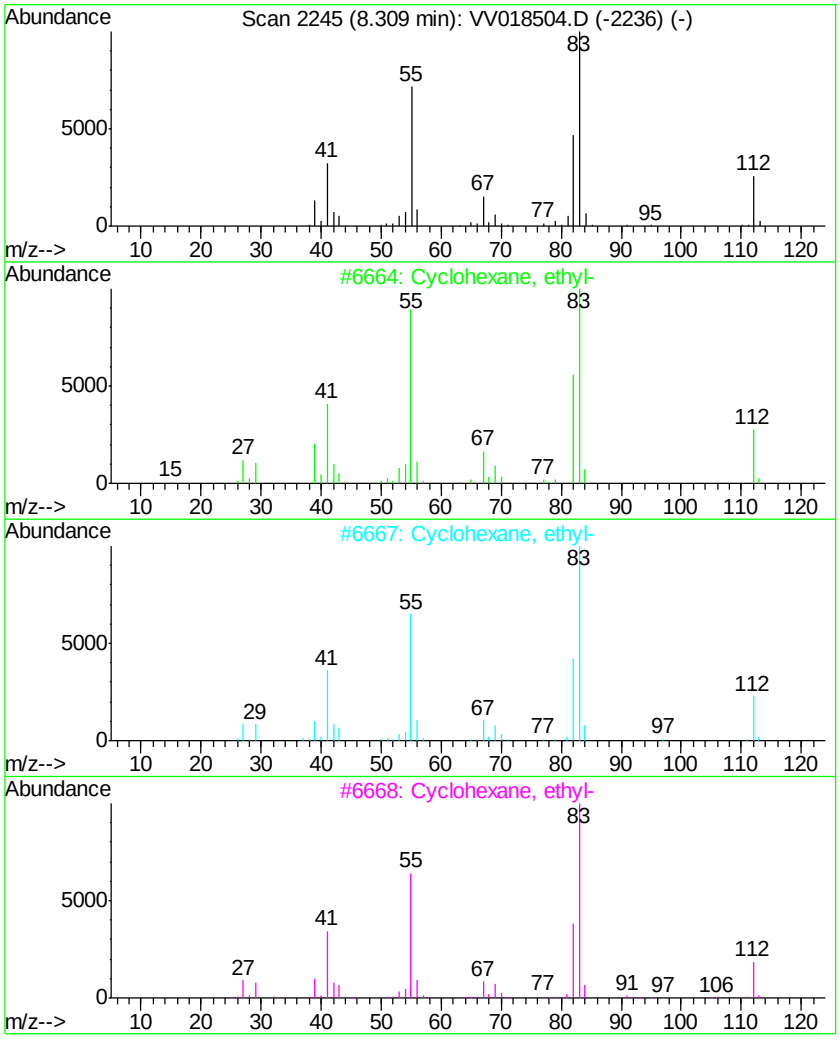
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

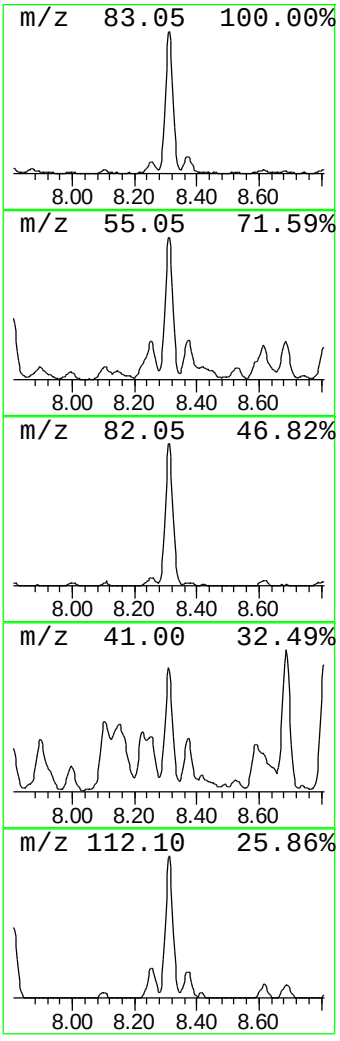
****

Peak Number 14 (DEL) Alkane: Cyclic8.31 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	7.00 ug/L	145593	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	4-Ethyl-2-hexene	112	C8H16	019780-46-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

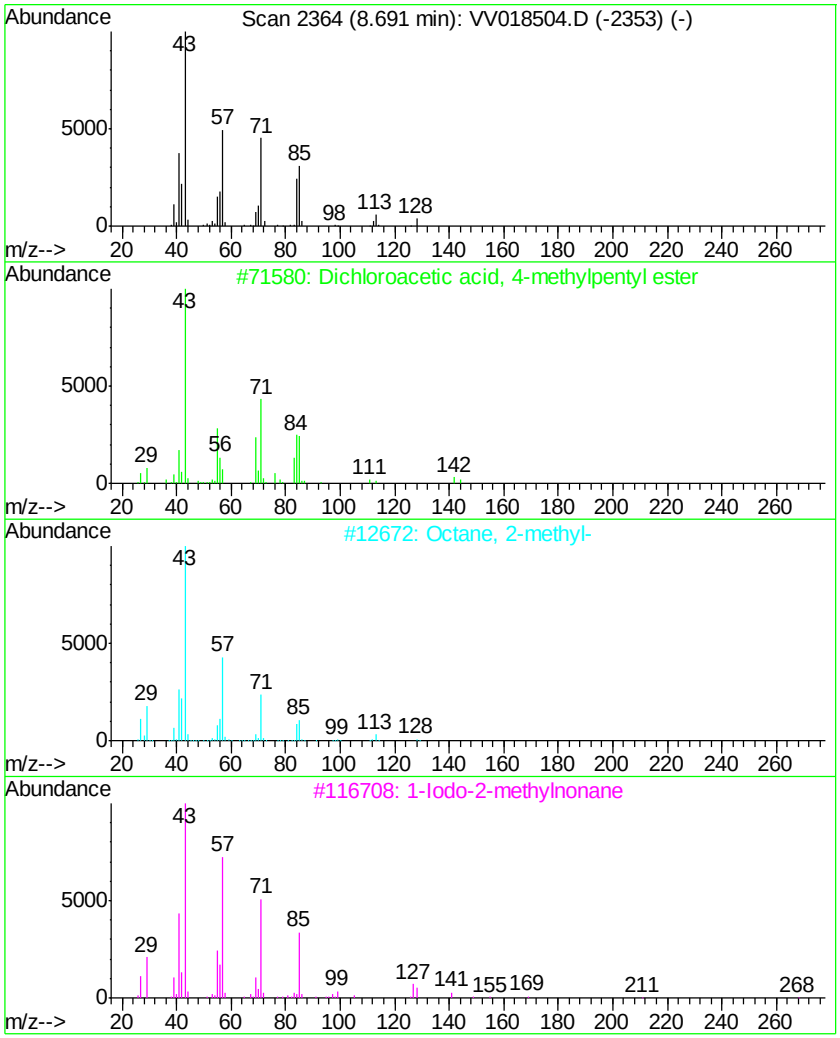
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

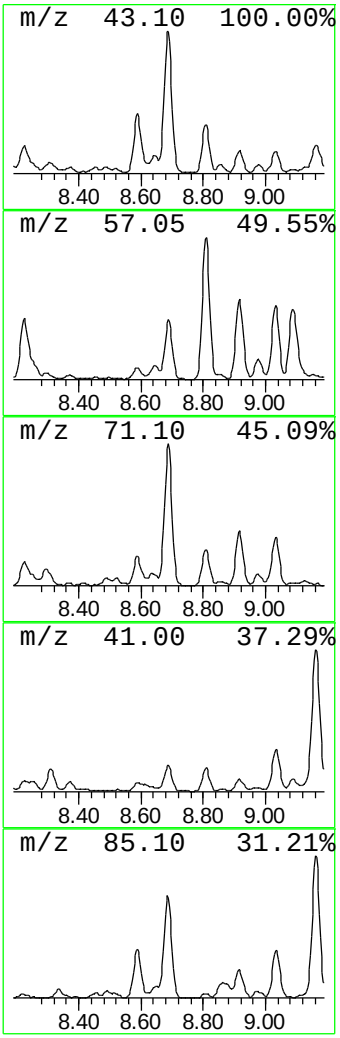
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Dichloroacetic acid, 4-meth... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	8.75 ug/L	181897	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
4	Octane, 4-methyl-	128	C9H20	002216-34-4	59
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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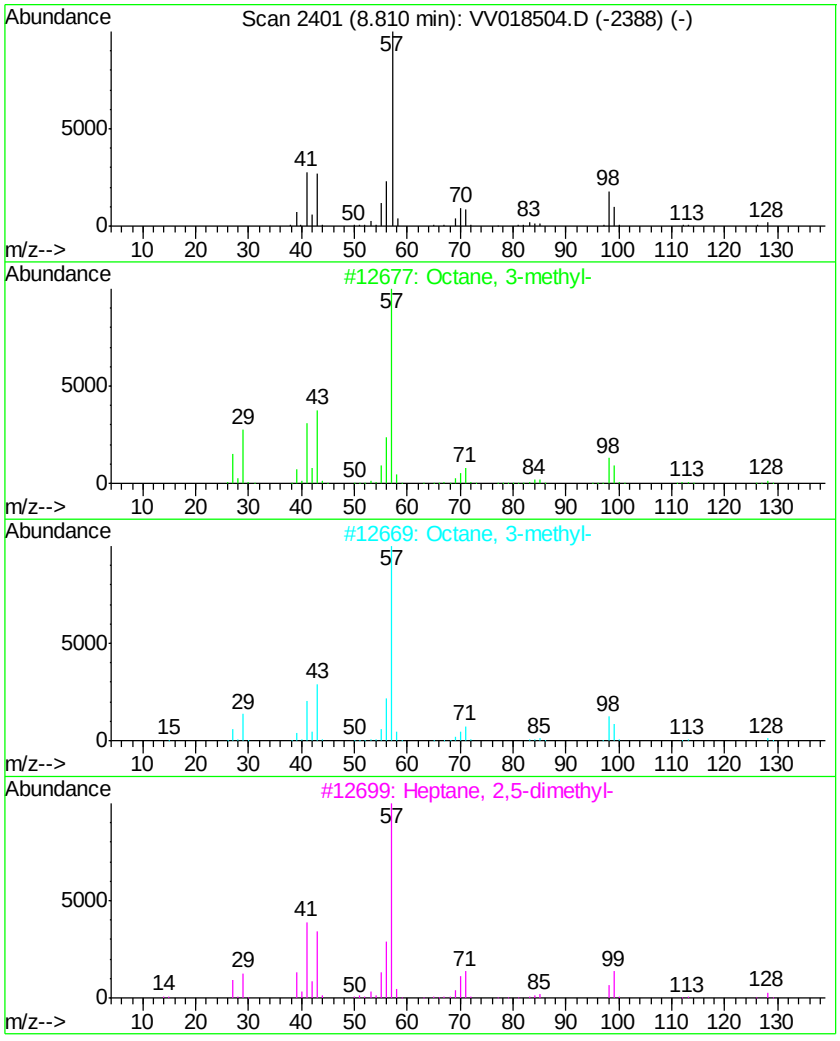
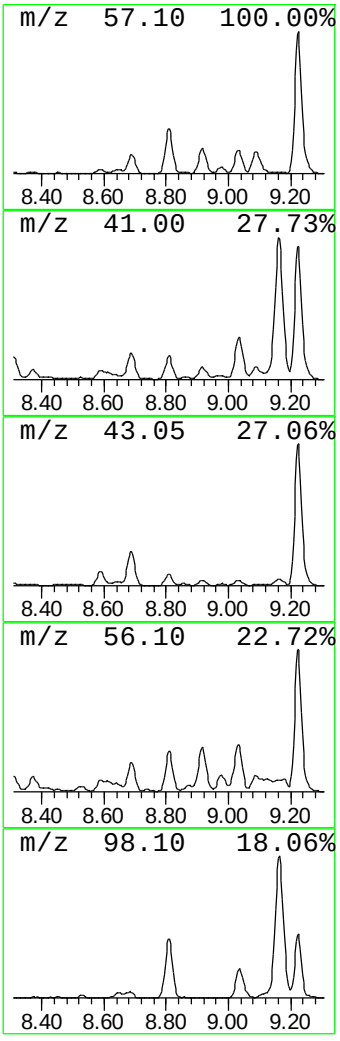
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	6.54 ug/L	135930	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	90
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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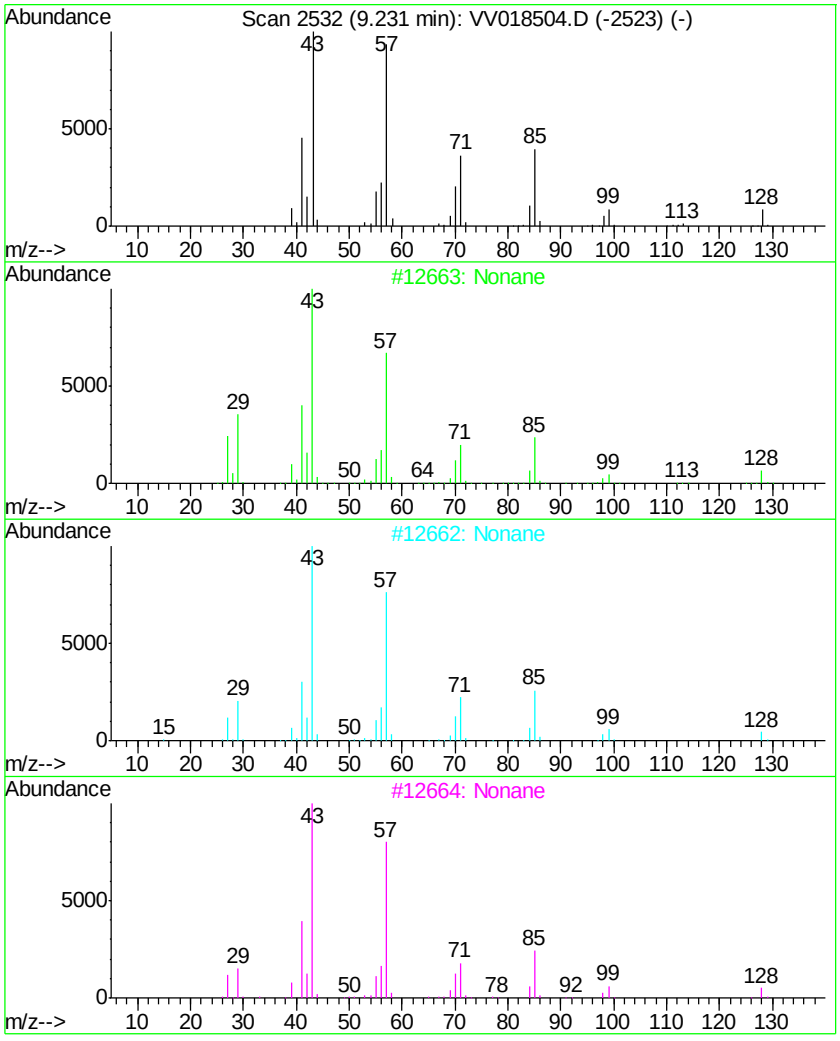
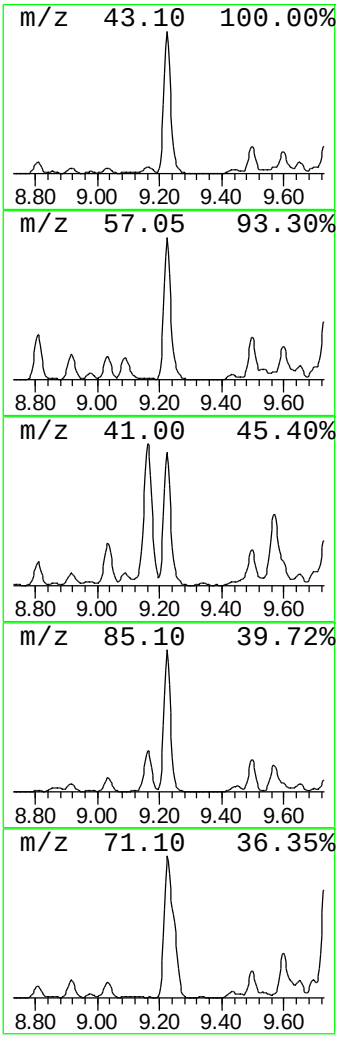
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	41.27 ug/L	858197	Chlorobenzene-d5	8.88

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	87
4	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

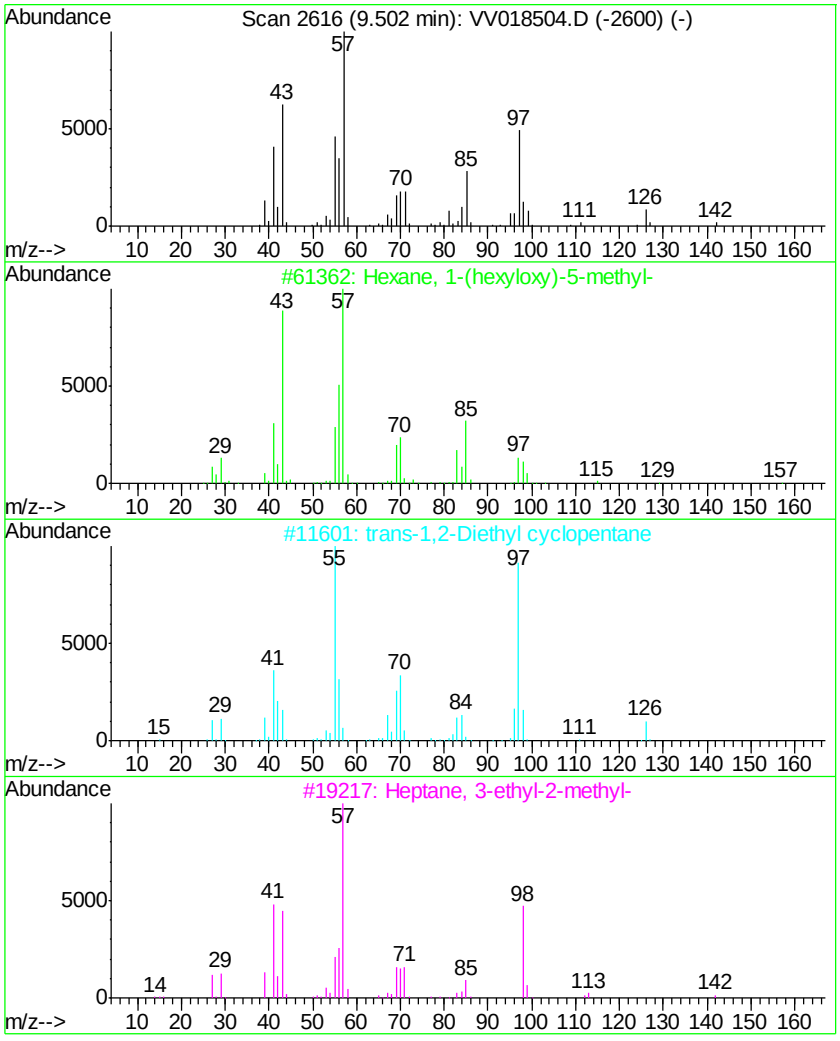
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

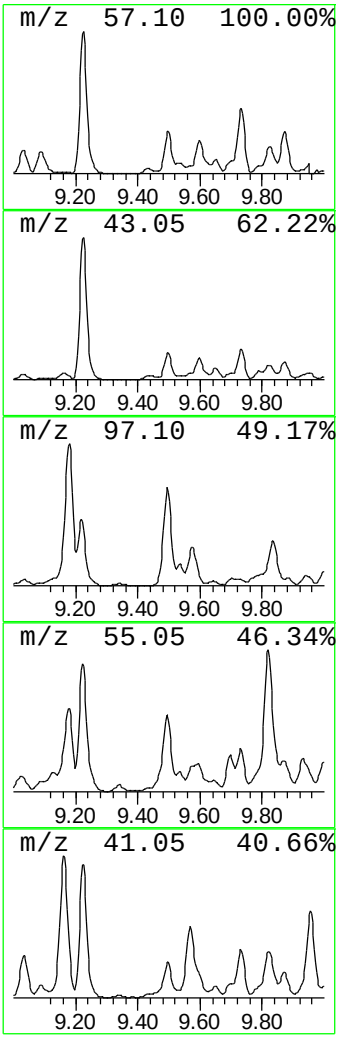
****

Peak Number 18 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	15.34 ug/L	318987	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	47
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	46
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	38
5	Nonane	128	C9H20	000111-84-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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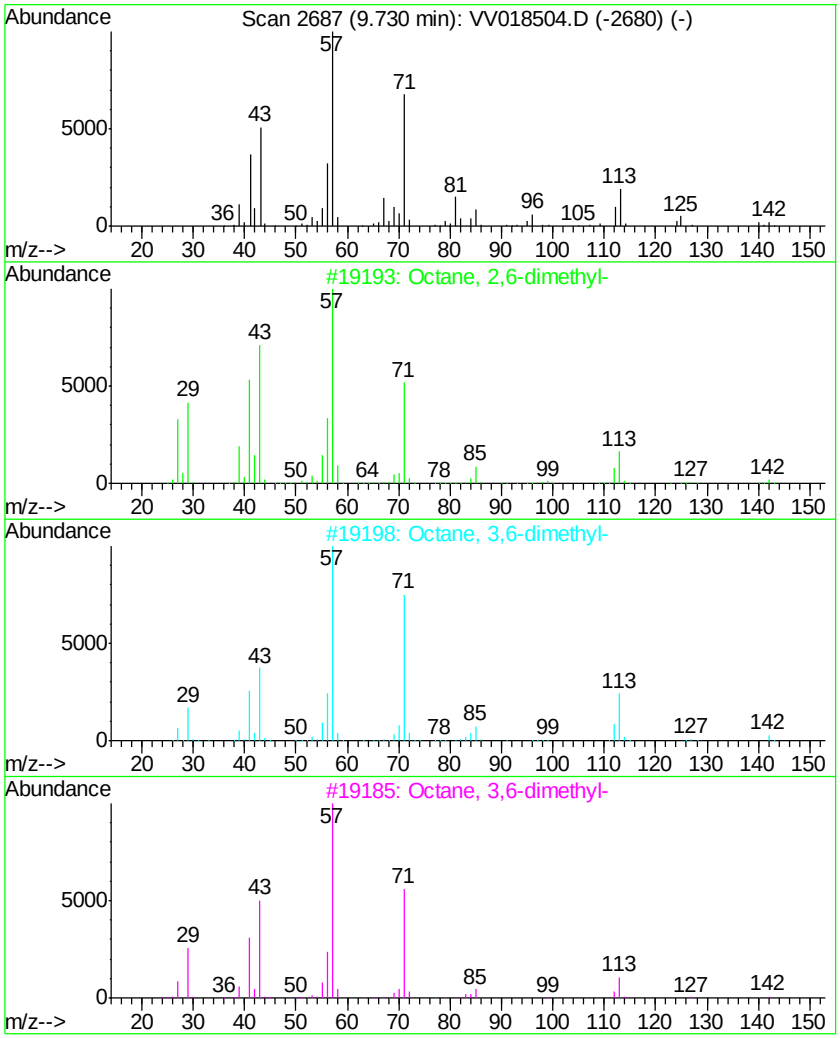
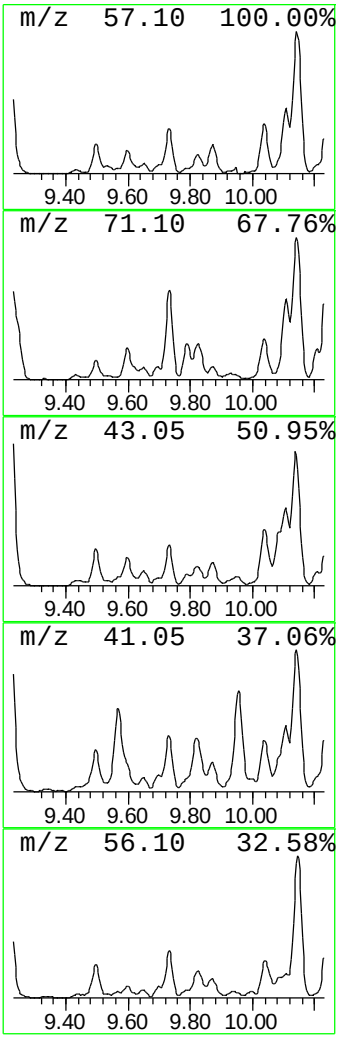
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	15.10 ug/L	313975	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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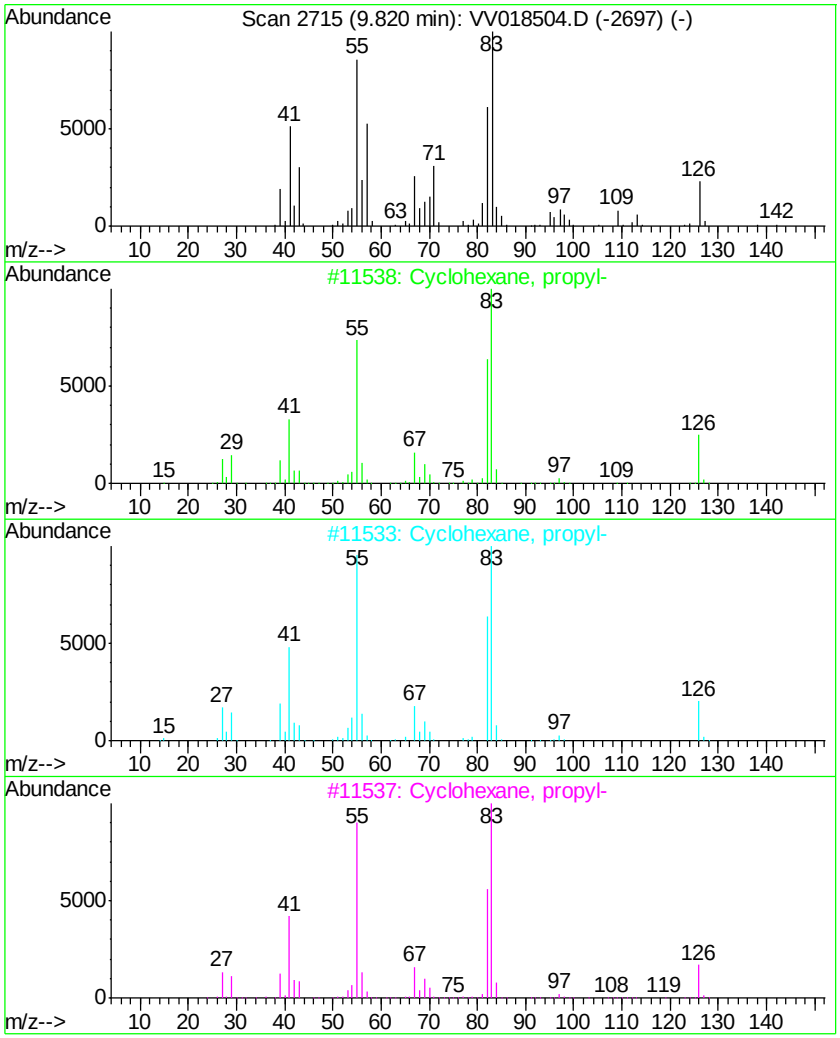
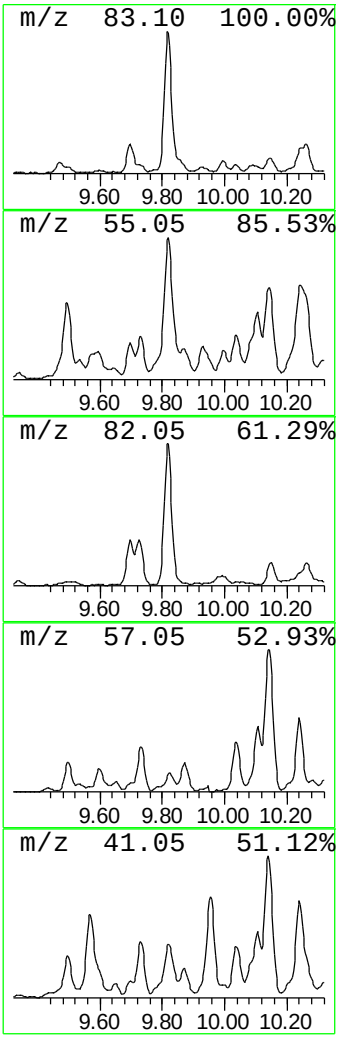
Peak Number 20 (DEL) Alkane: Cyclic9.82 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	22.01 ug/L	457775	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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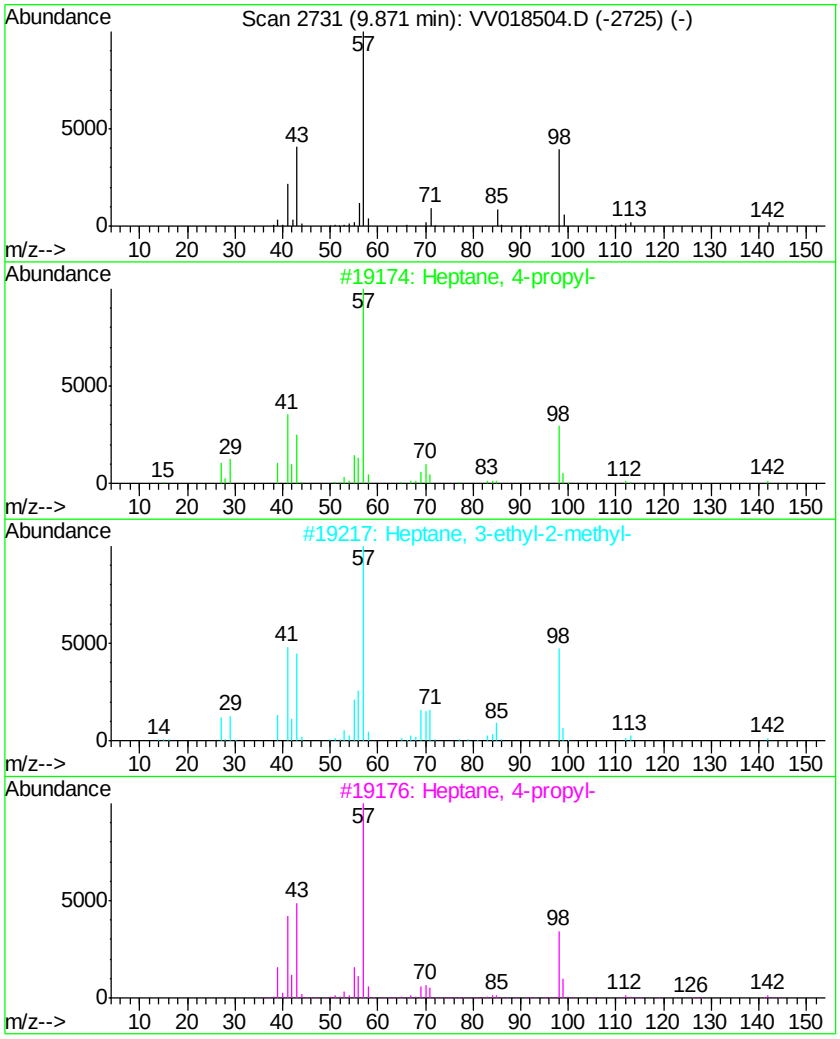
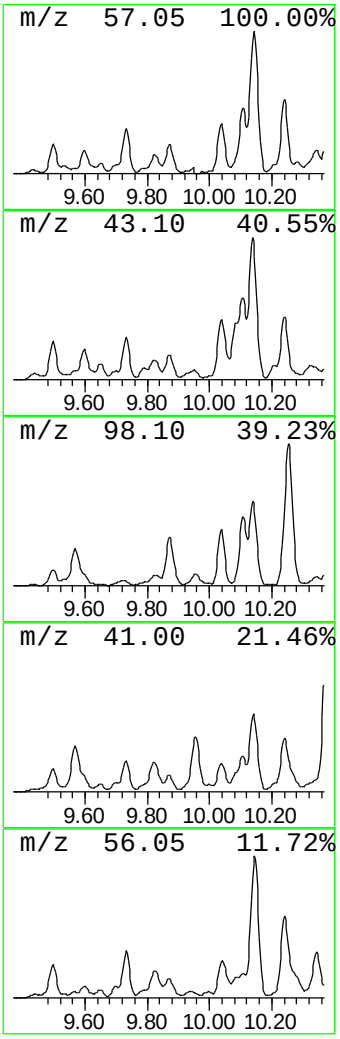
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.27 ug/L	151264	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	78
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	56
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	40
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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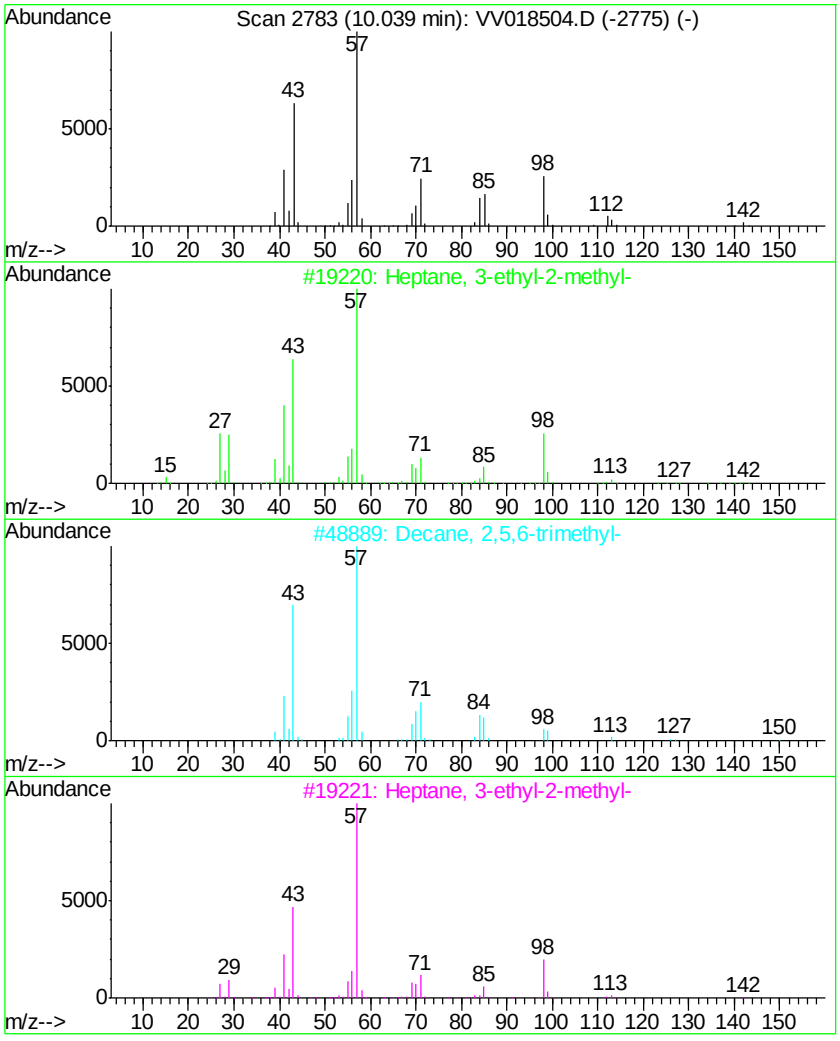
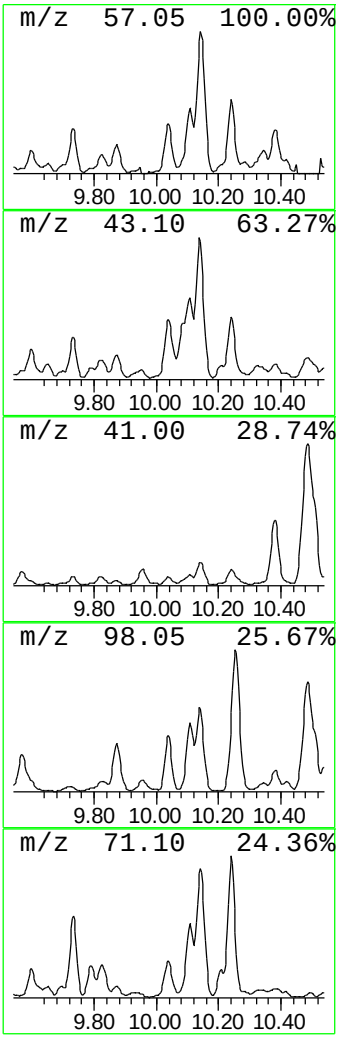
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	14.08 ug/L	292734	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
5	Decane	142	C10H22	000124-18-5	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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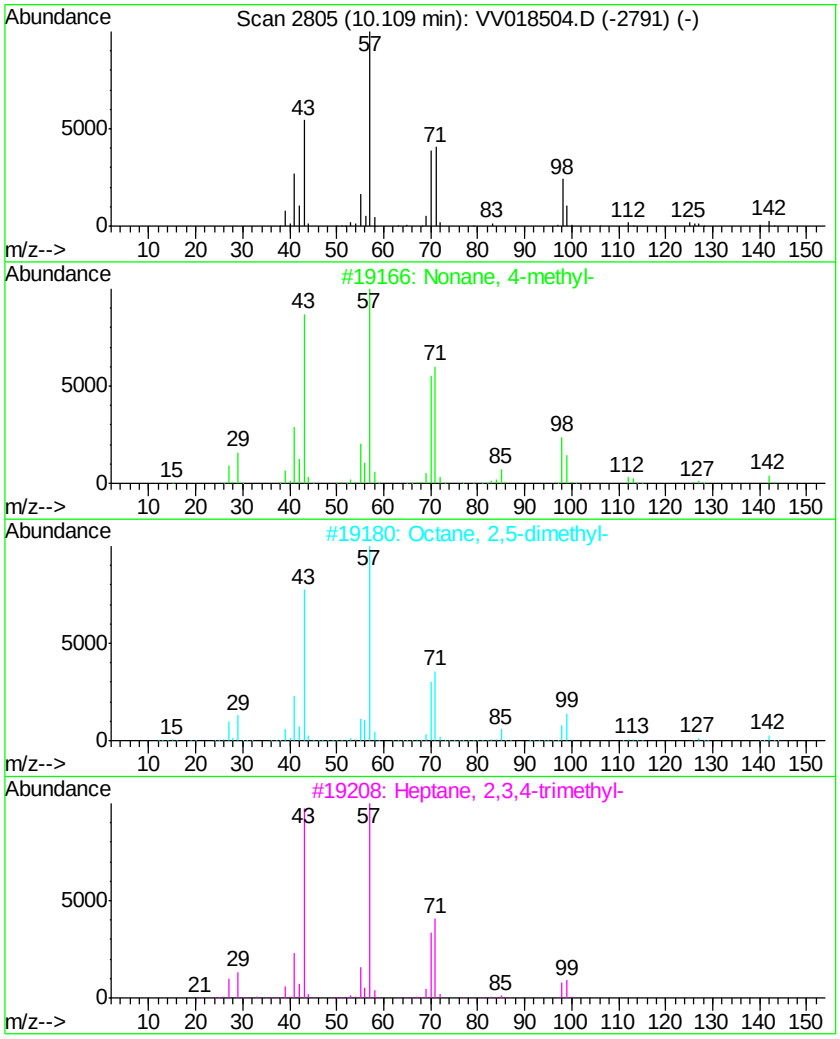
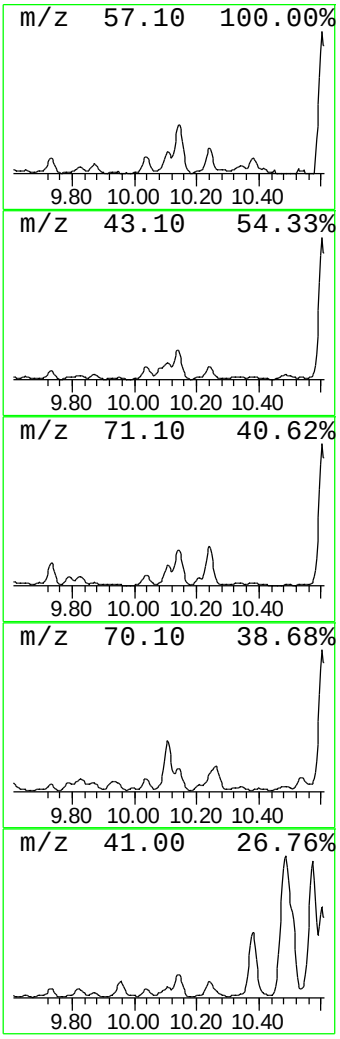
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	14.83 ug/L	466239	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	72
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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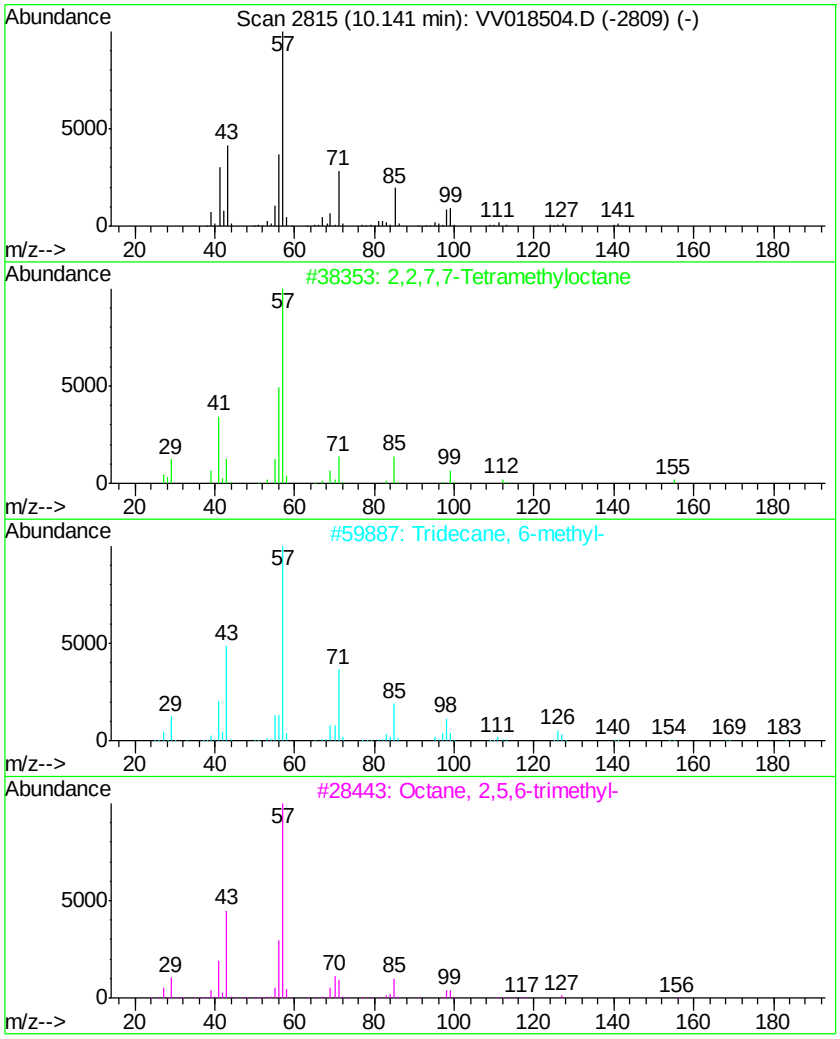
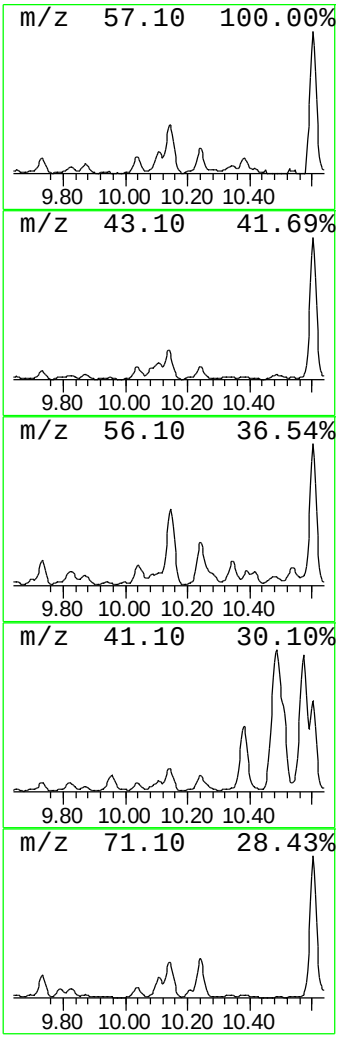
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	27.19 ug/L	855103	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
4	Octadecane, 6-methyl-	268	C19H40	010544-96-4	50
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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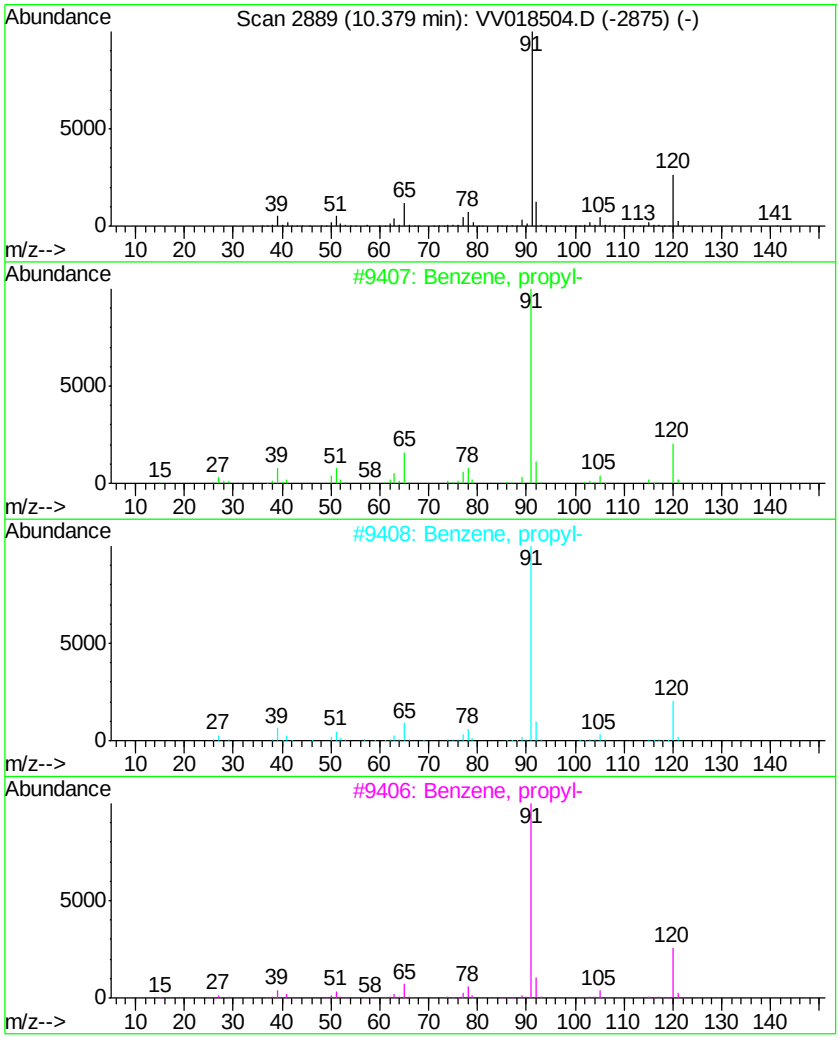
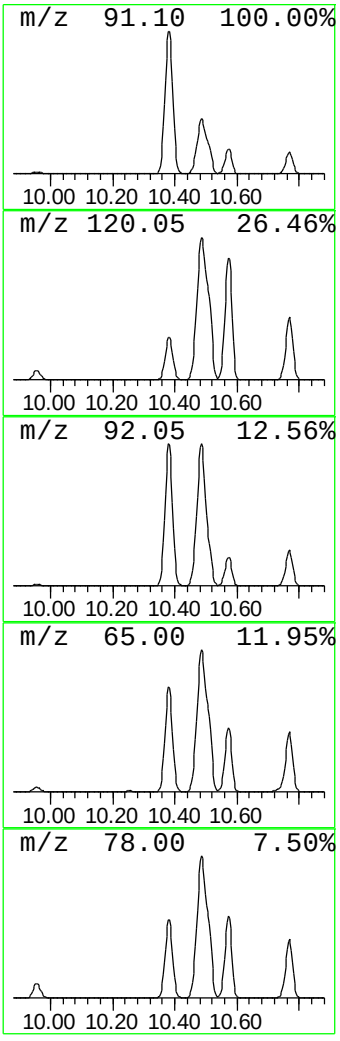
Peak Number 25 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	731.00 ug/L	22986200	1,4-Dichlorobenzene-d4	11.28

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	83
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Library Search Compound Report

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Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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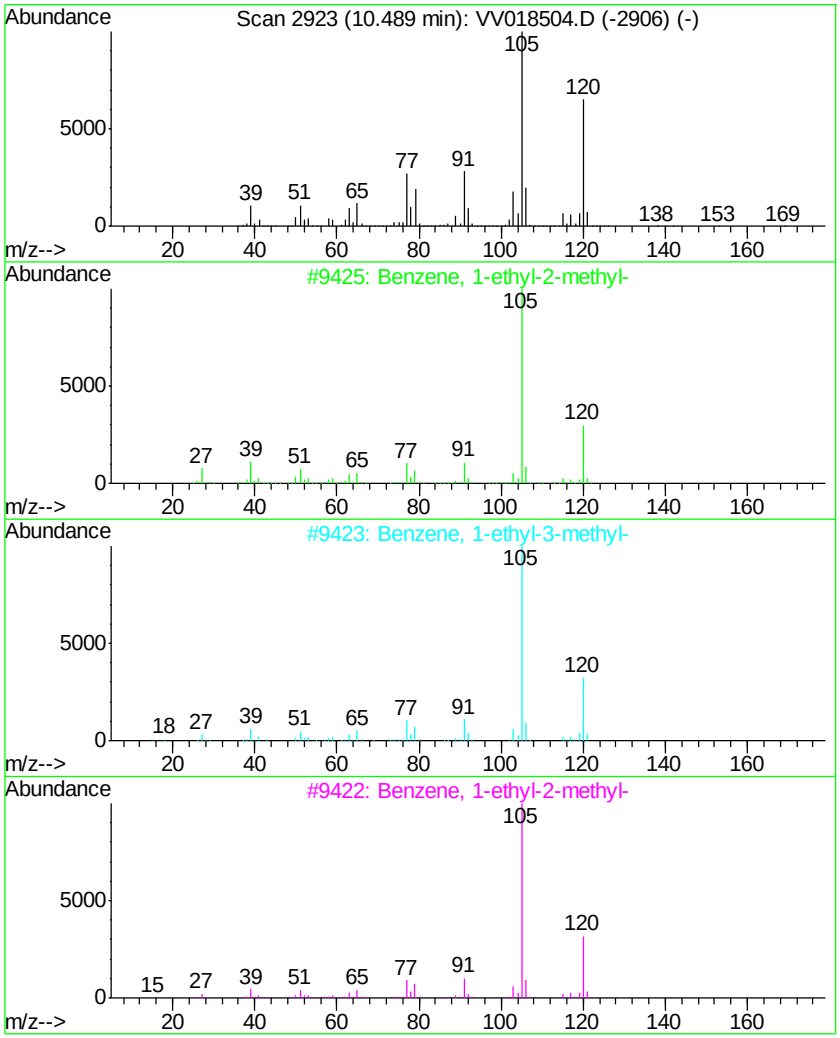
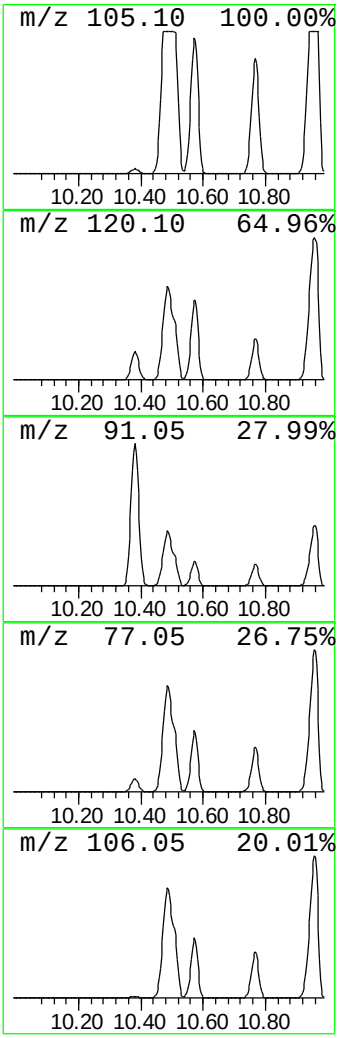
Peak Number 26 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3306.05 ug/L	103958000	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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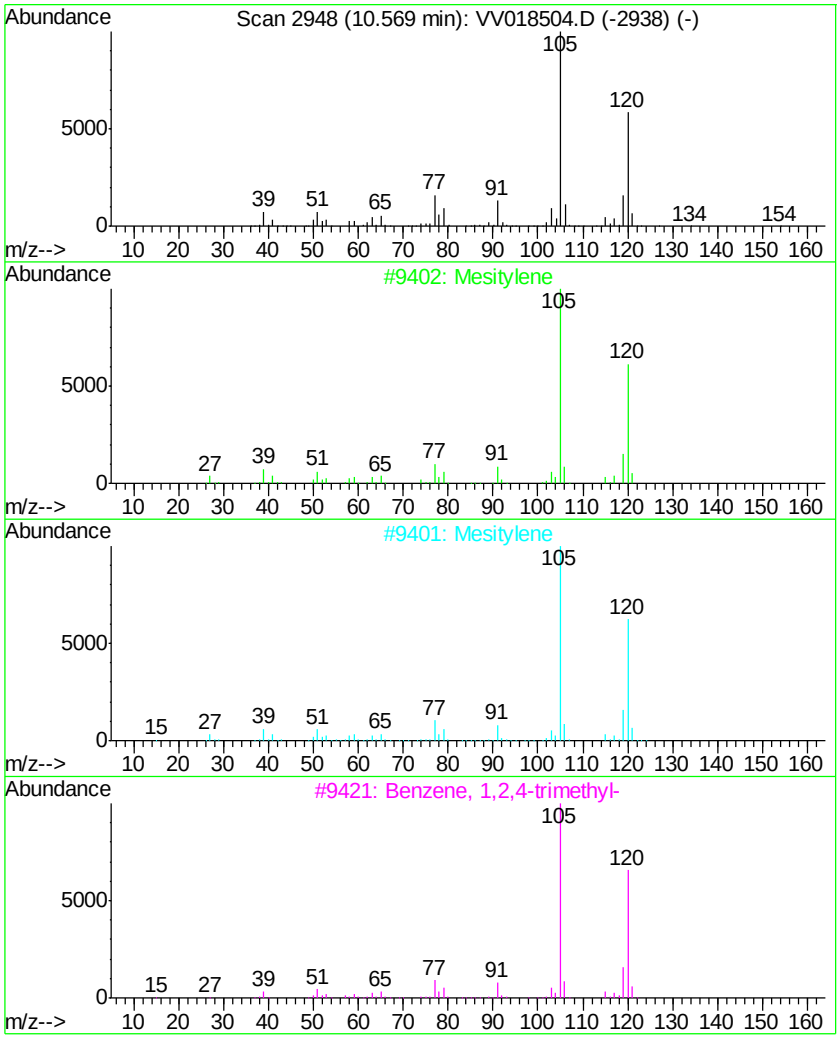
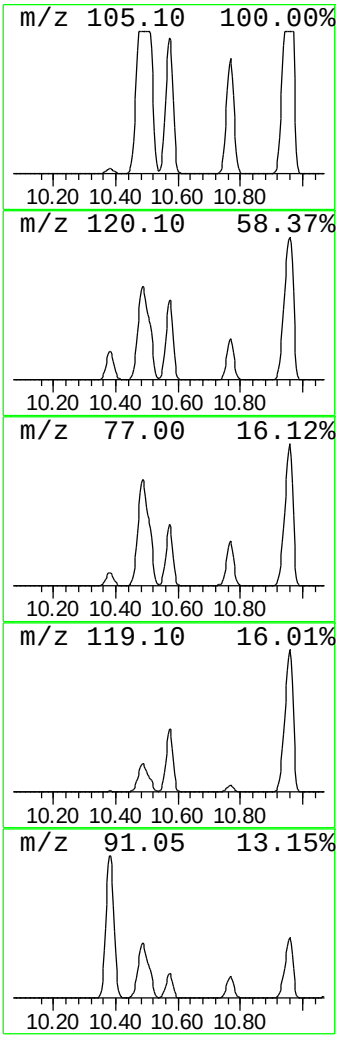
Peak Number 27 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	1428.37 ug/L	44914800	1,4-Dichlorobenzene-d4	11.28

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

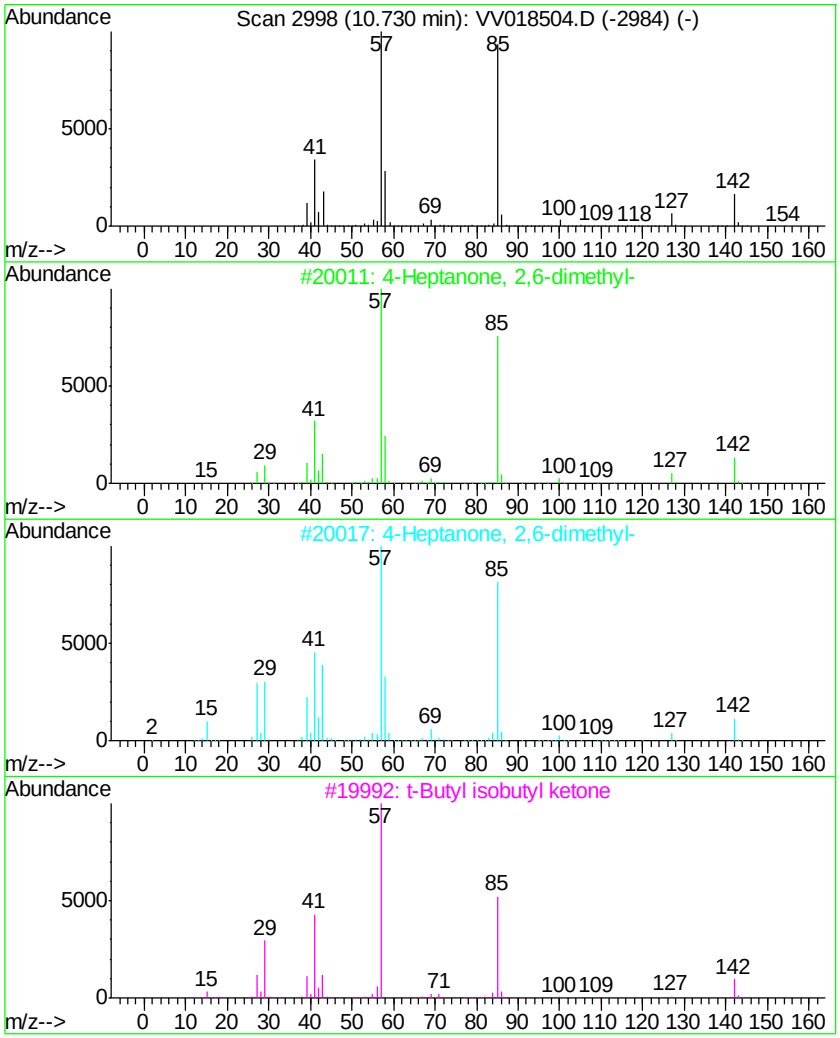
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

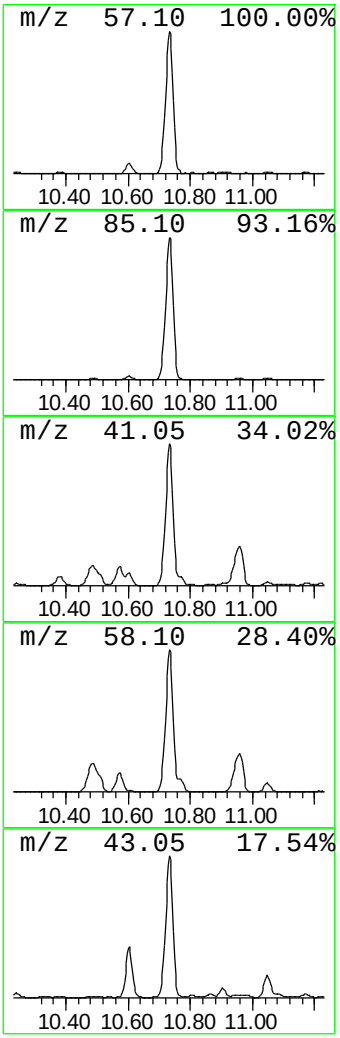
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 4-Heptanone, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	1123.47 ug/L	35327200	1,4-Dichlorobenzene-d4	11.28

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	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	64
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

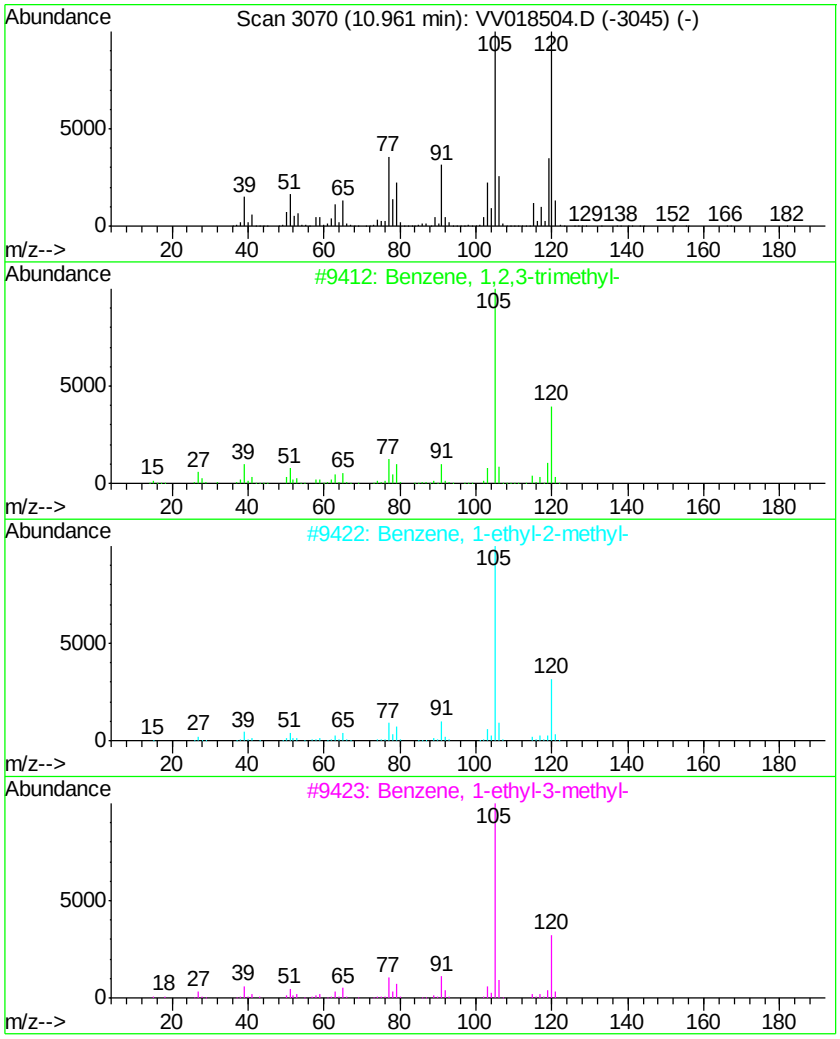
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

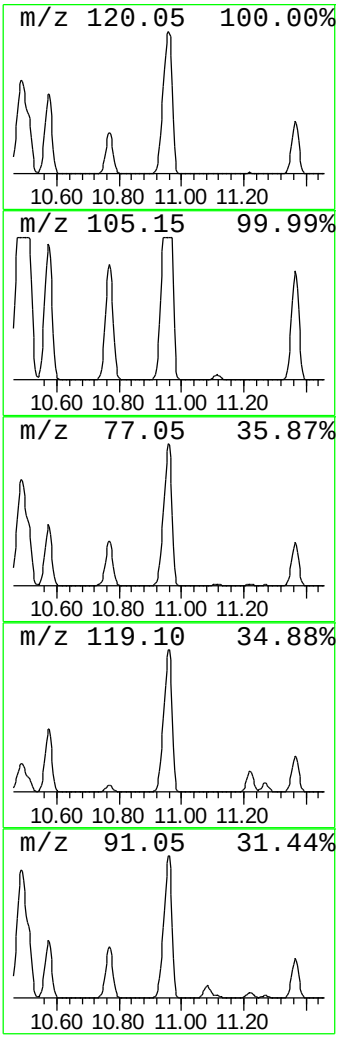
****

Peak Number 30 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3368.50 ug/L	105922000	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

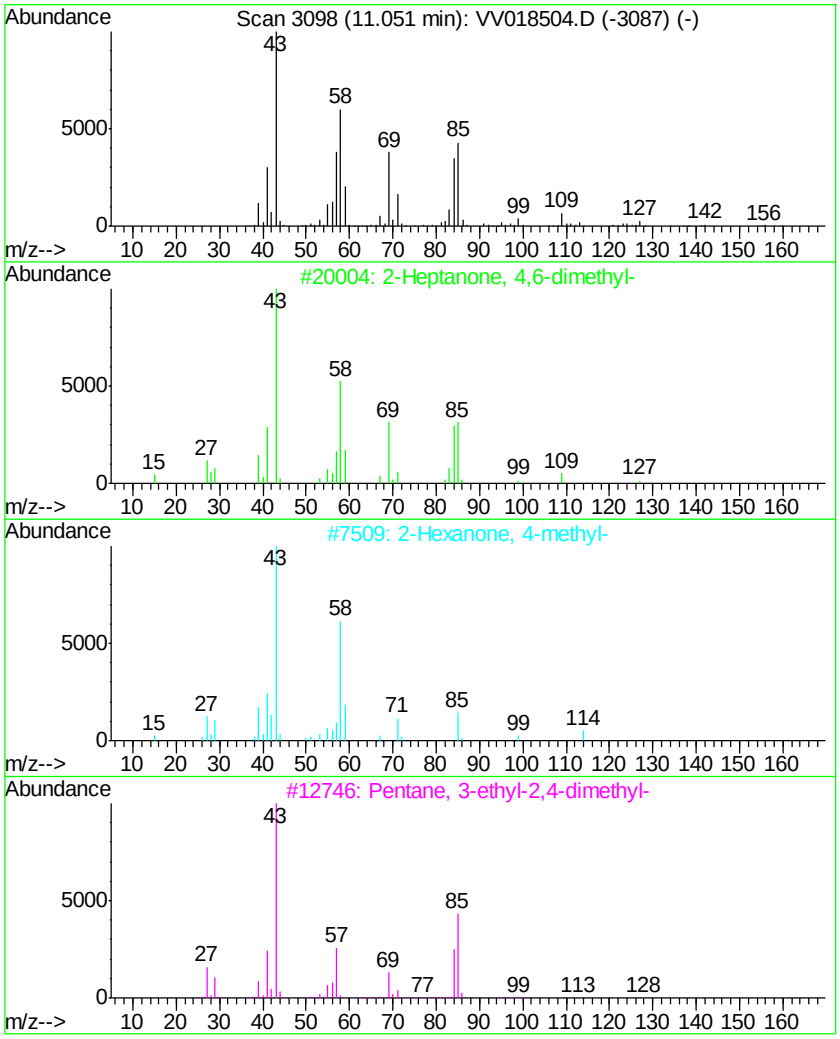
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

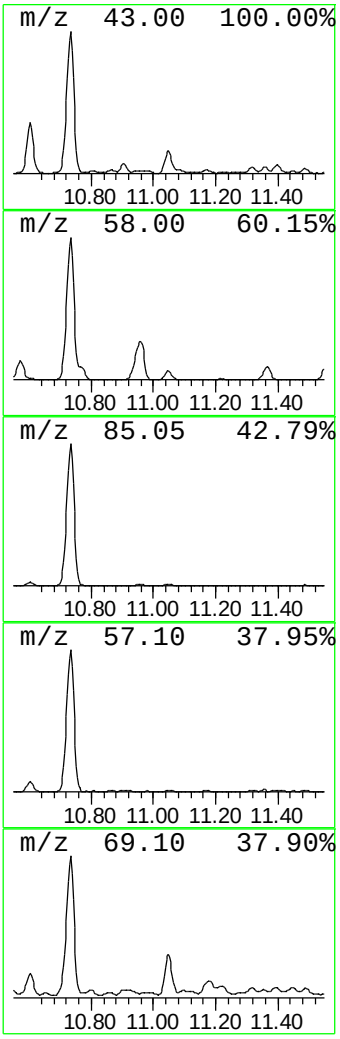
****

Peak Number 31 2-Heptanone, 4,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	38.81 ug/L	1220370	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	86
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	49
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	46
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

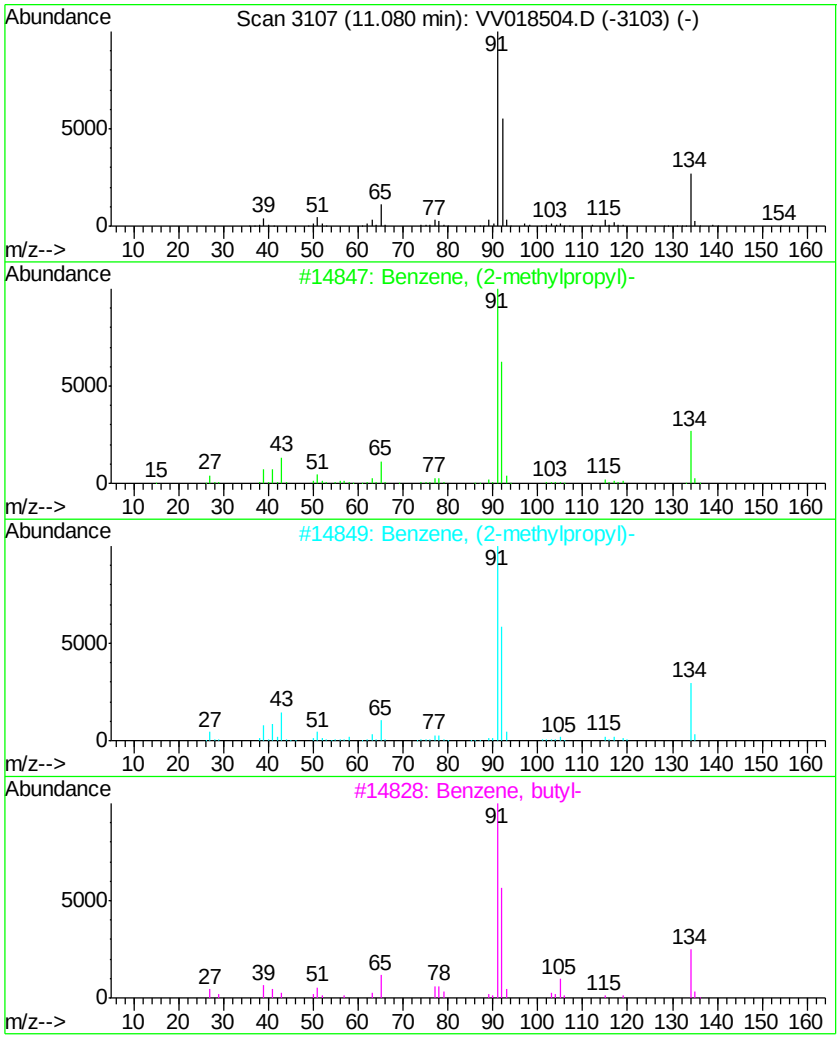
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

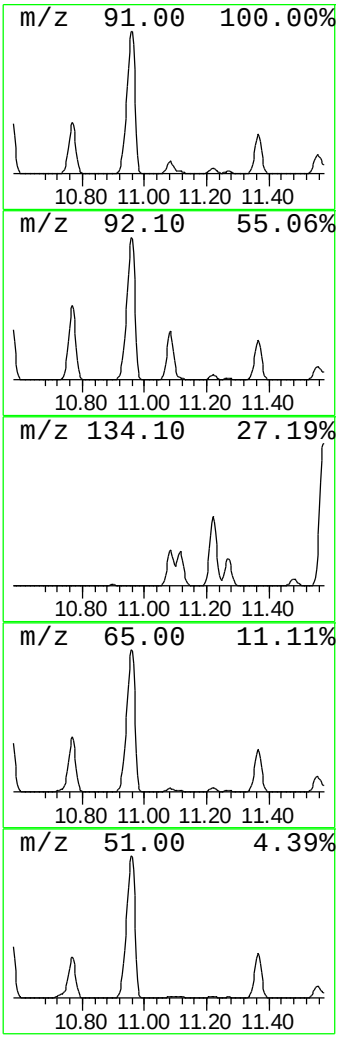
****

Peak Number 32 Benzene, (2-methylpropyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	29.50 ug/L	927508	1,4-Dichlorobenzene-d4	11.28

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	90
3	Benzene, butyl-	134	C10H14	000104-51-8	72
4	Benzene, butyl-	134	C10H14	000104-51-8	72
5	Benzene, butyl-	134	C10H14	000104-51-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

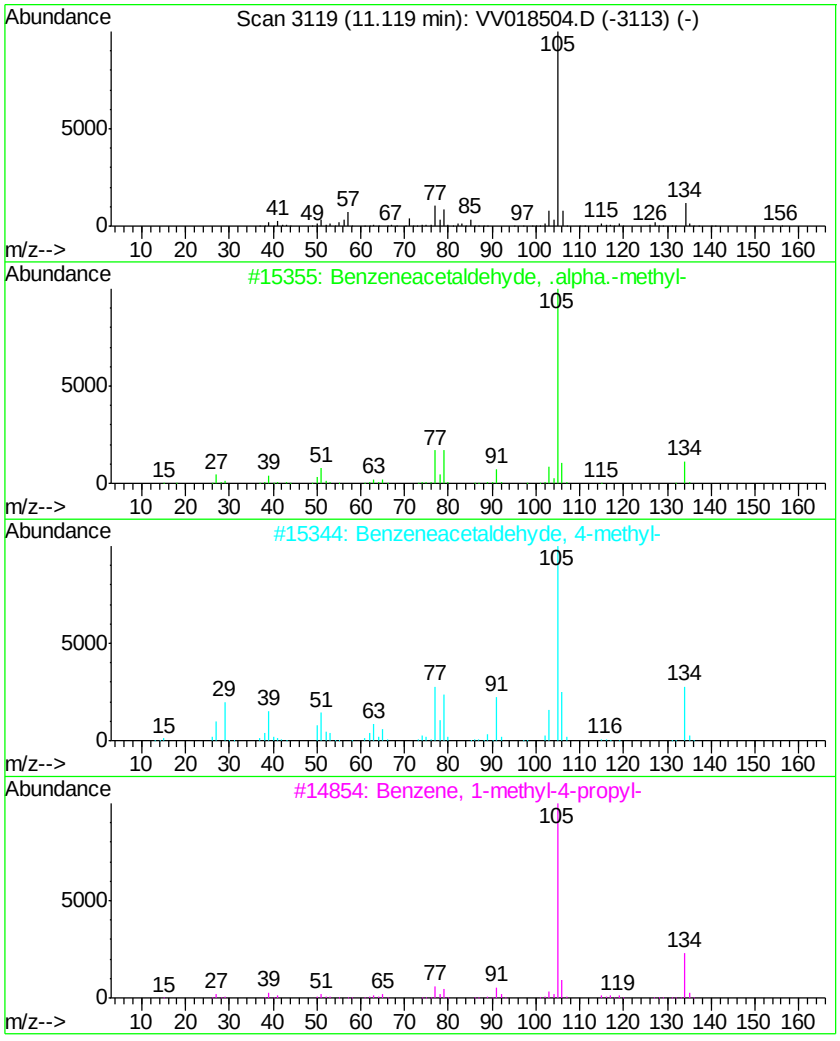
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

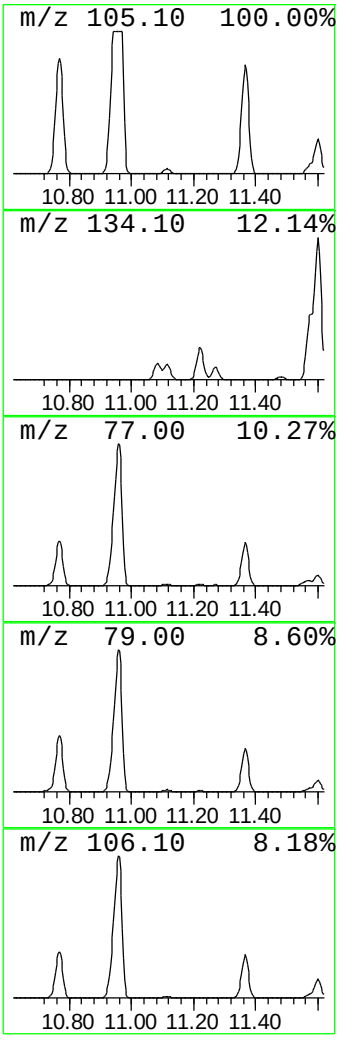
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzeneacetaldehyde, .alpha... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	33.67 ug/L	1058720	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83
2	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	78
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

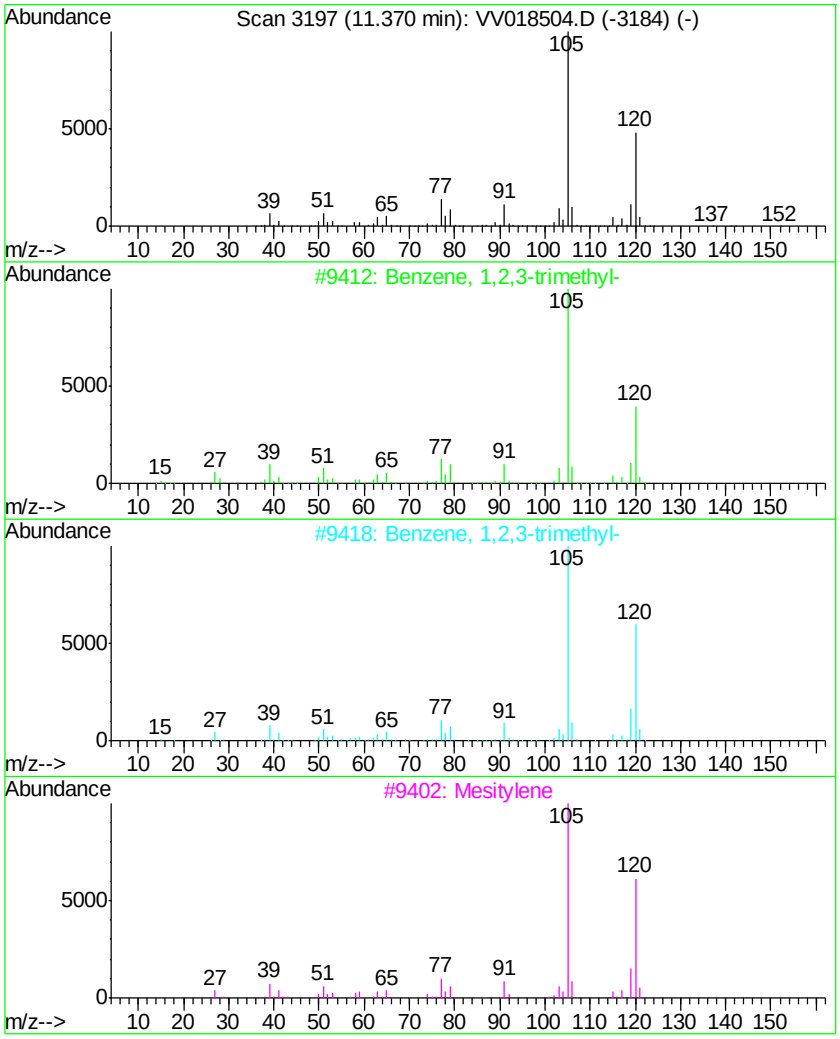
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

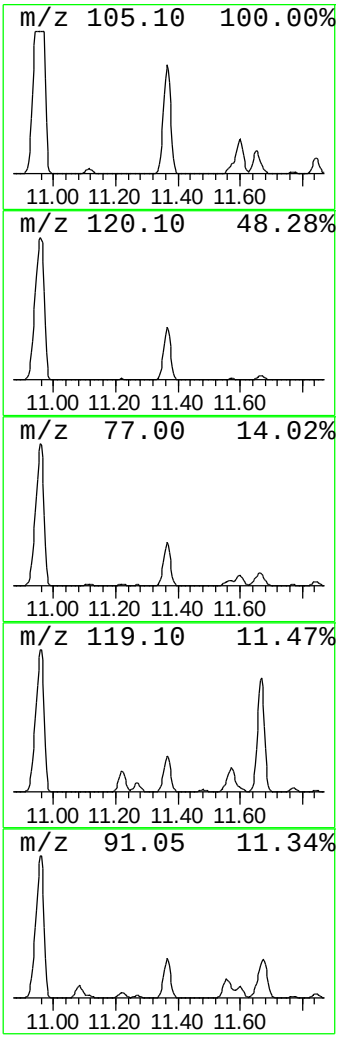
****

Peak Number 34 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	983.60 ug/L	30929100	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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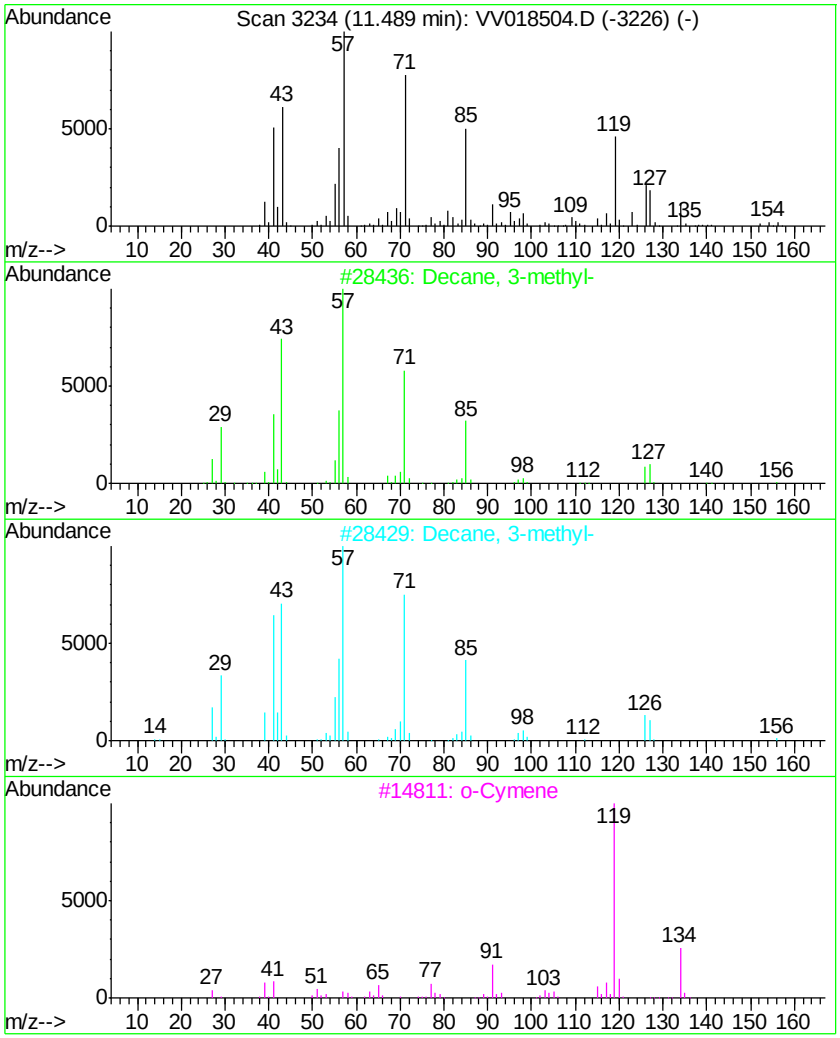
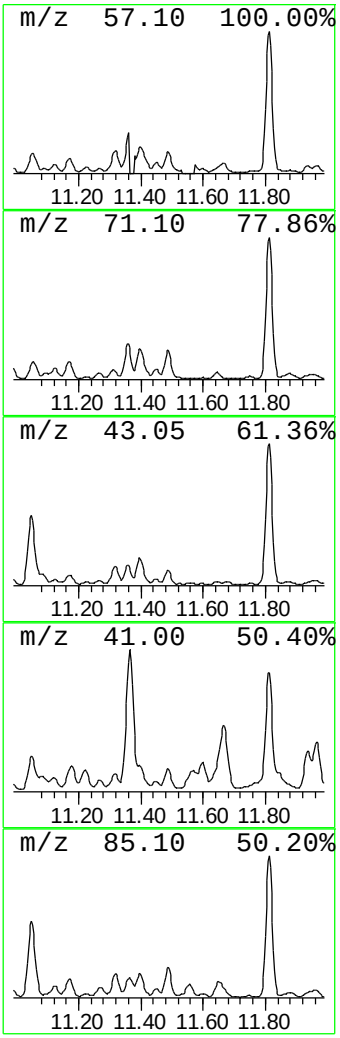
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	18.49 ug/L	581486	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	89
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	o-Cymene	134	C10H14	000527-84-4	53
4	o-Cymene	134	C10H14	000527-84-4	53
5	p-Cymene	134	C10H14	000099-87-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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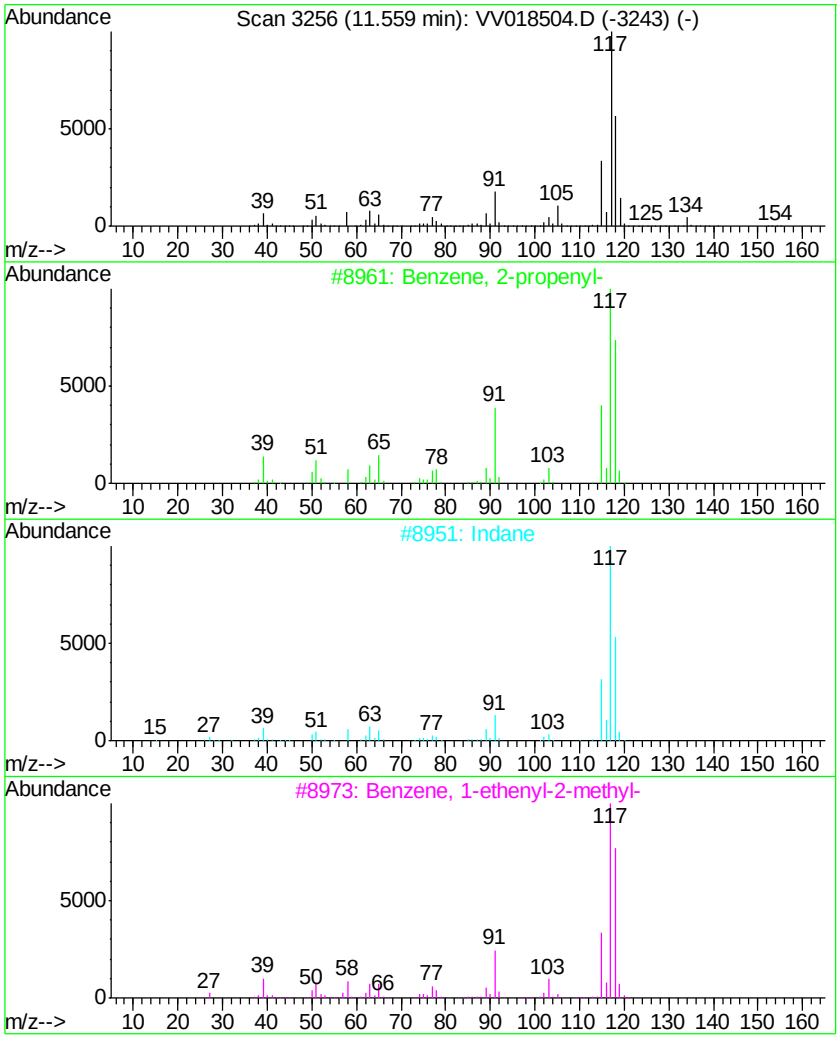
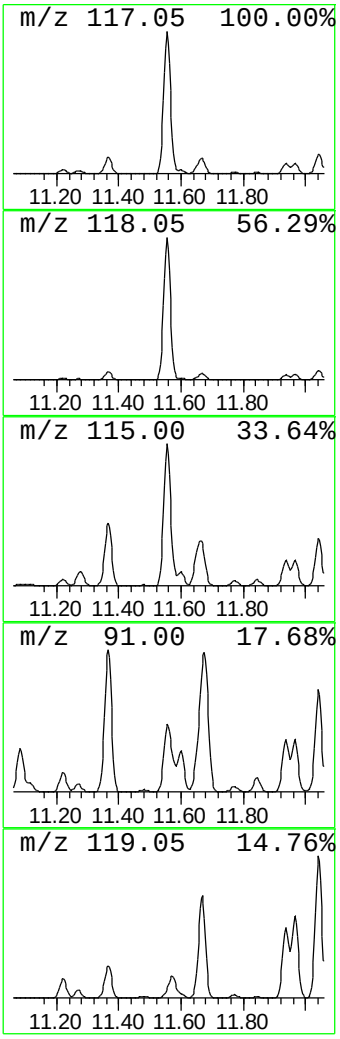
Peak Number 36 Benzene, 2-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	396.63 ug/L	12471800	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

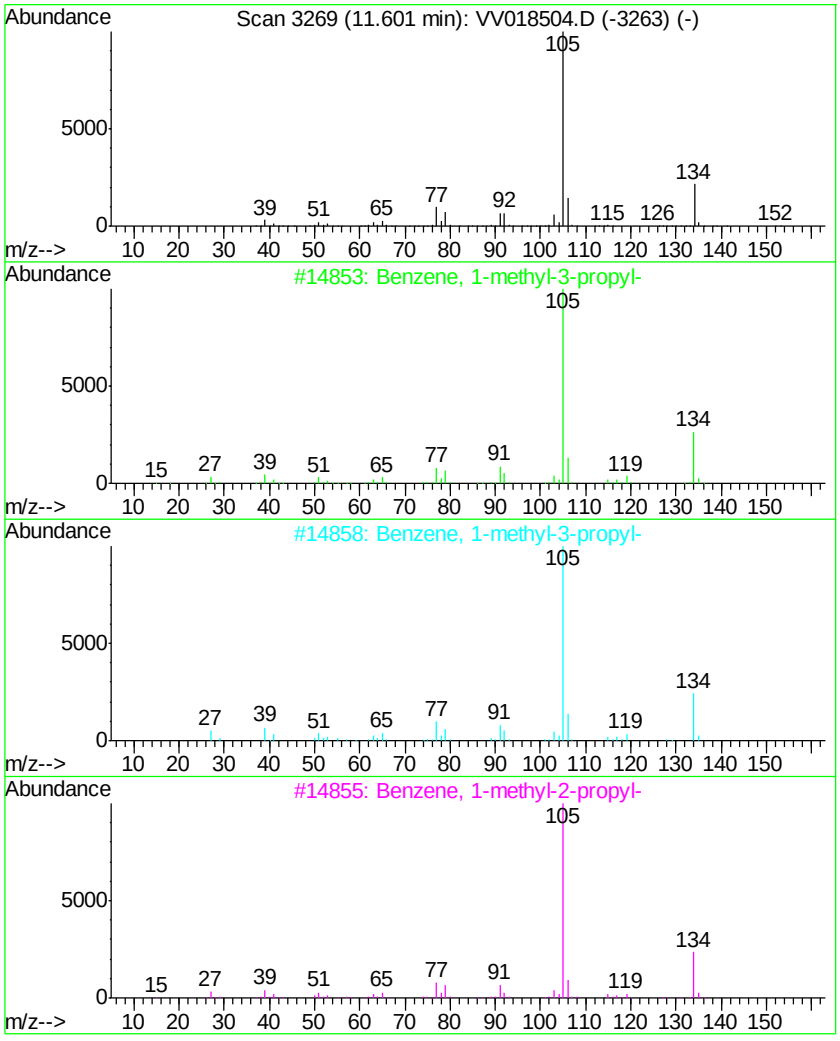
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

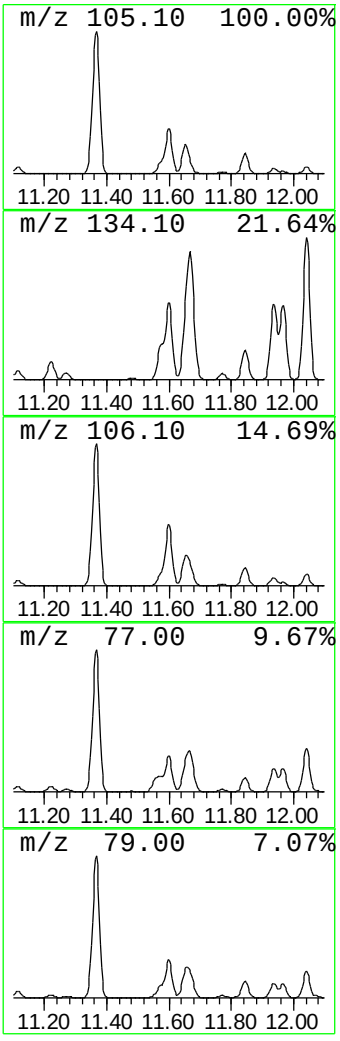
****

Peak Number 37 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	232.16 ug/L	7300200	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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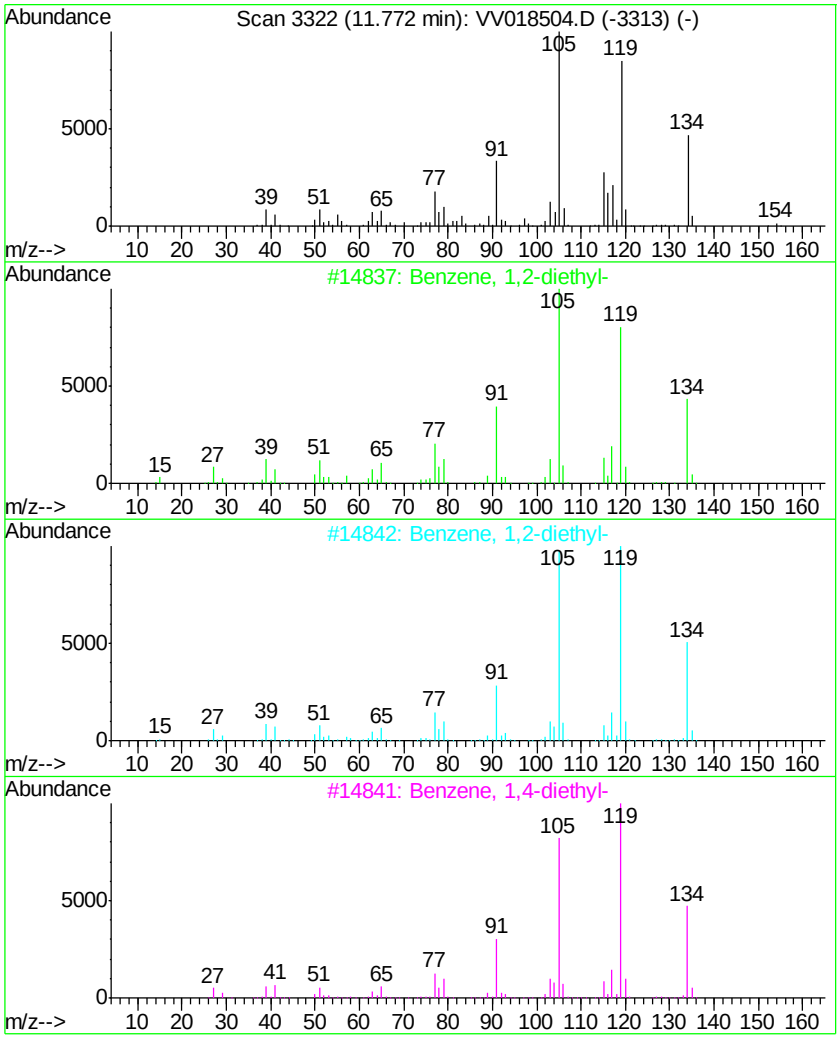
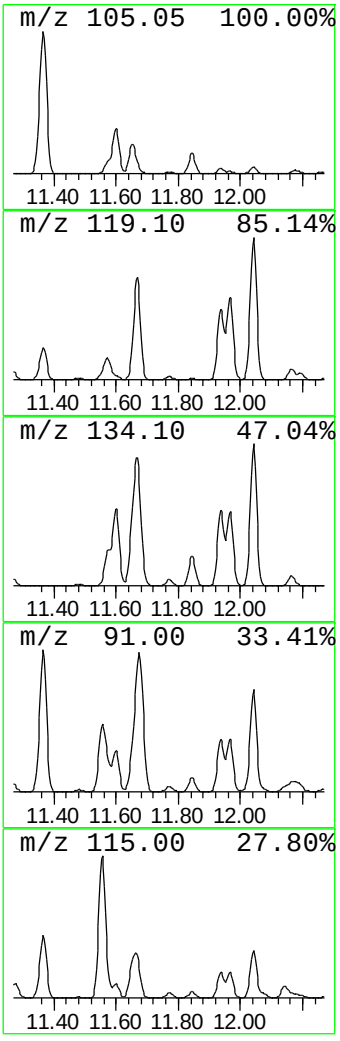
Peak Number 38 Benzene, 1,2-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	22.34 ug/L	702625	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

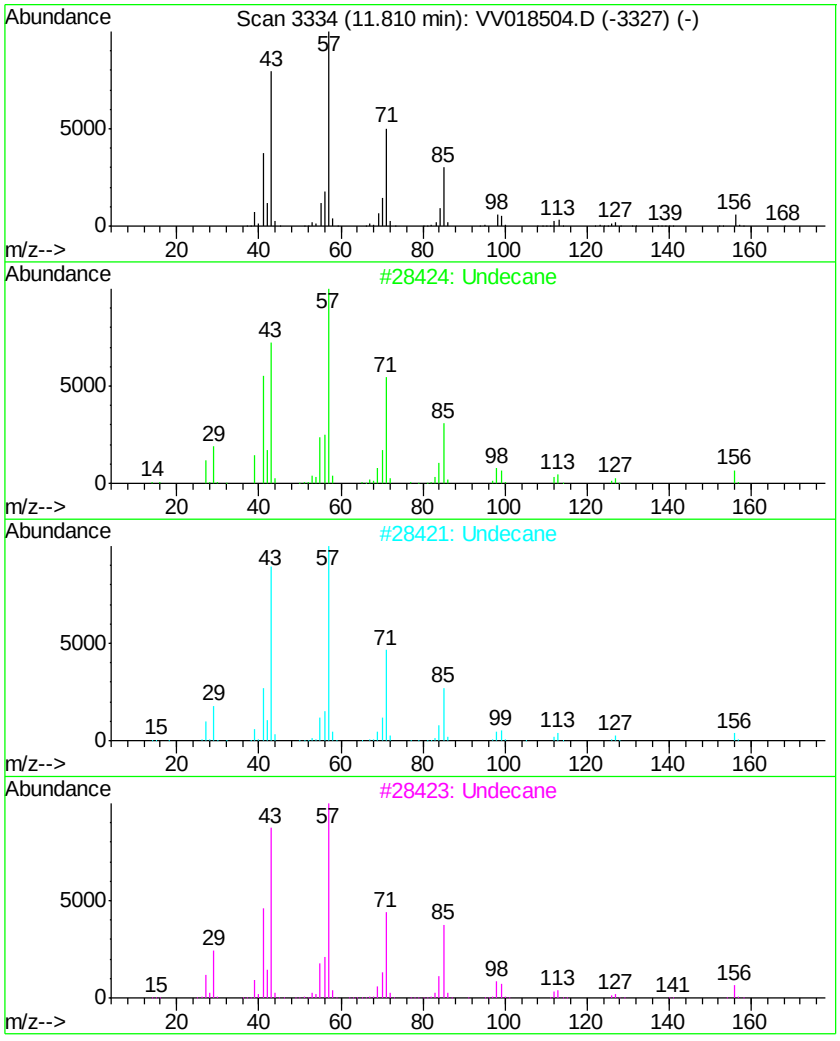
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

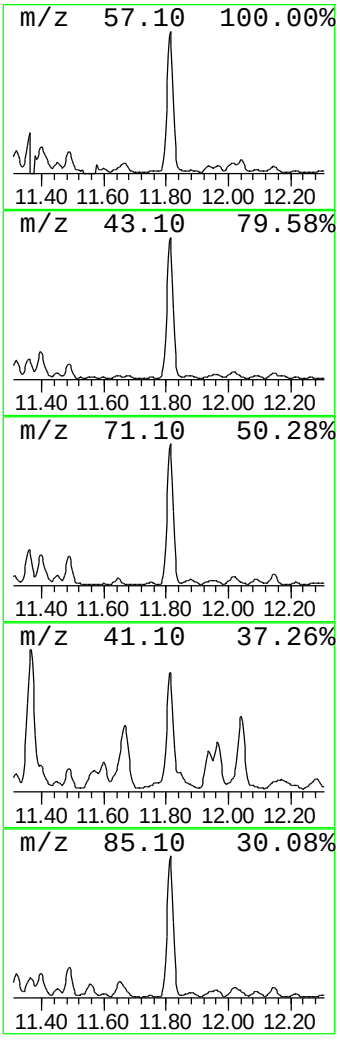
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	79.50 ug/L	2499960	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Undecane	156	C11H24	001120-21-4	95
3	Undecane	156	C11H24	001120-21-4	94
4	Undecane	156	C11H24	001120-21-4	90
5	Decane	142	C10H22	000124-18-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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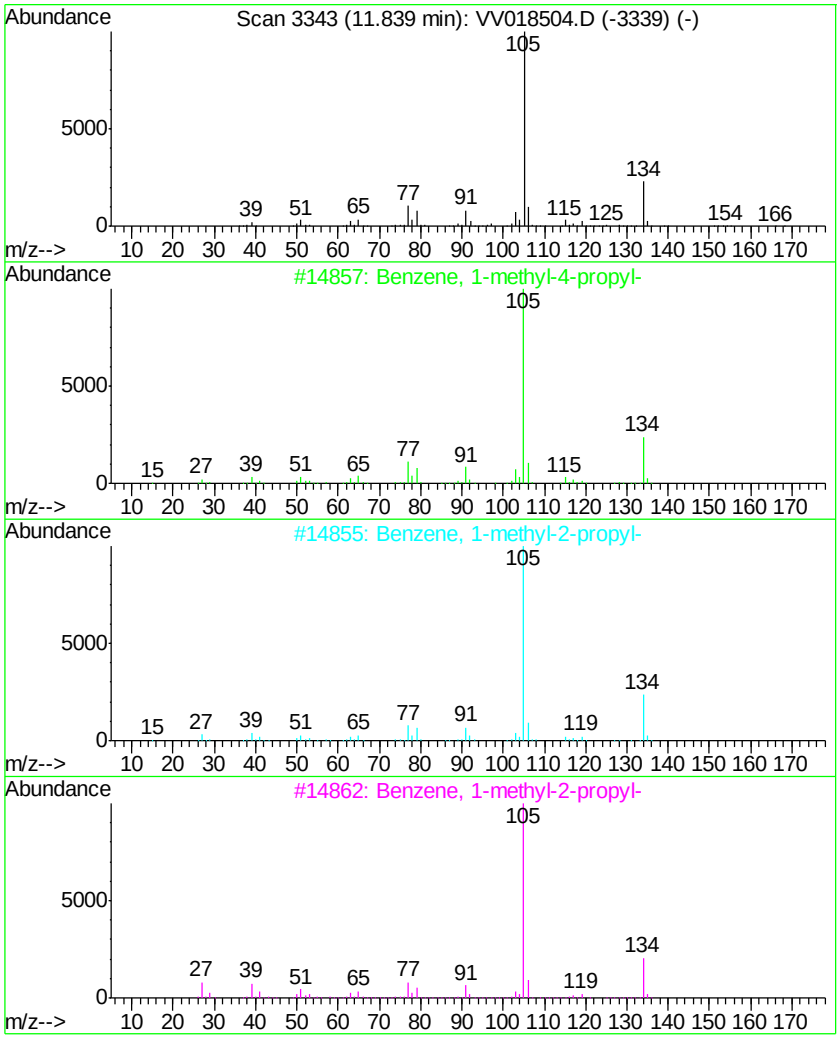
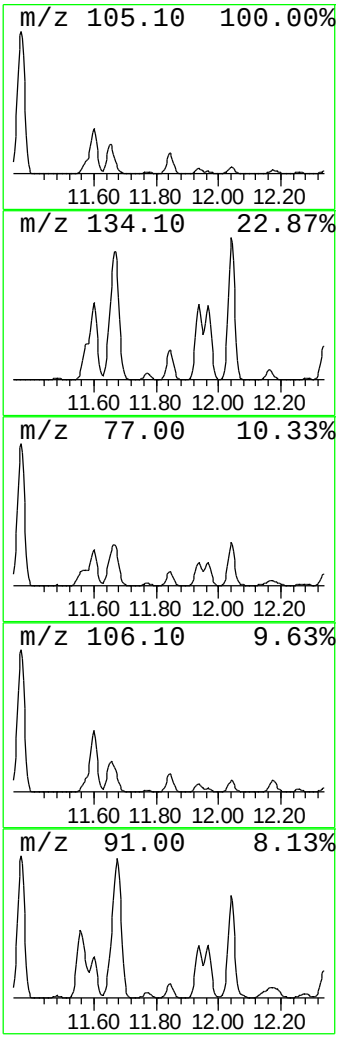
Peak Number 40 Benzene, 1-methyl-4-propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	102.41 ug/L	3220170	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

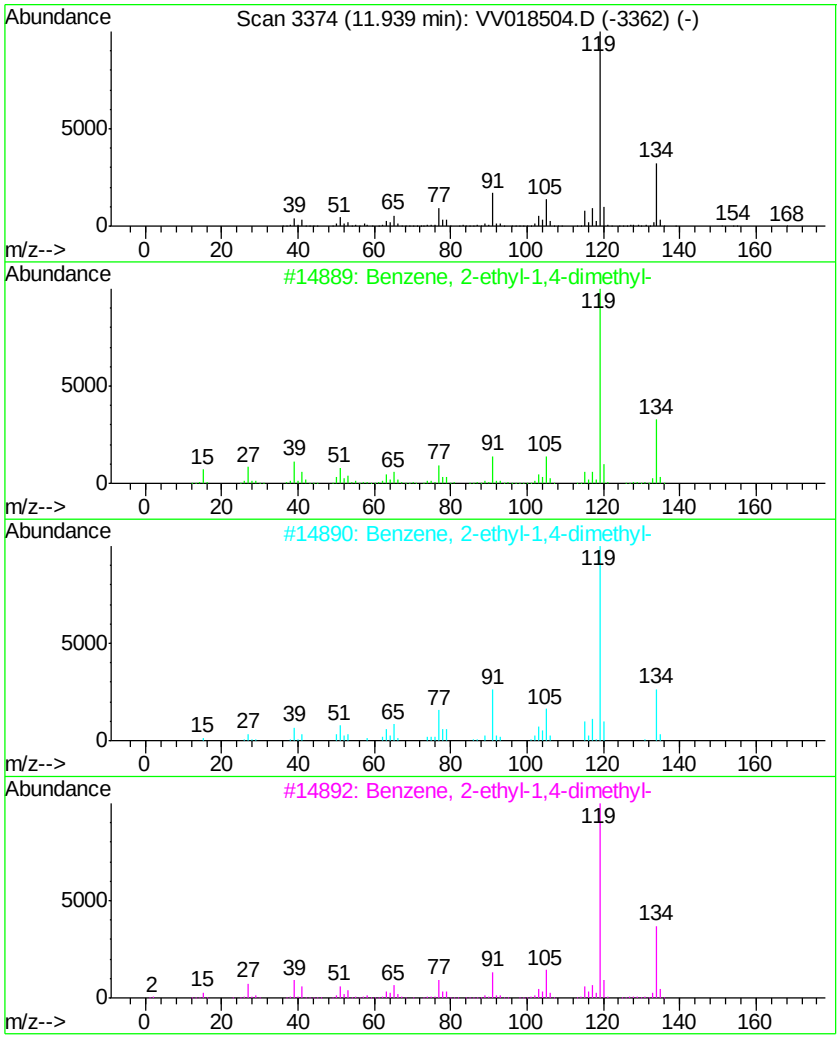
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

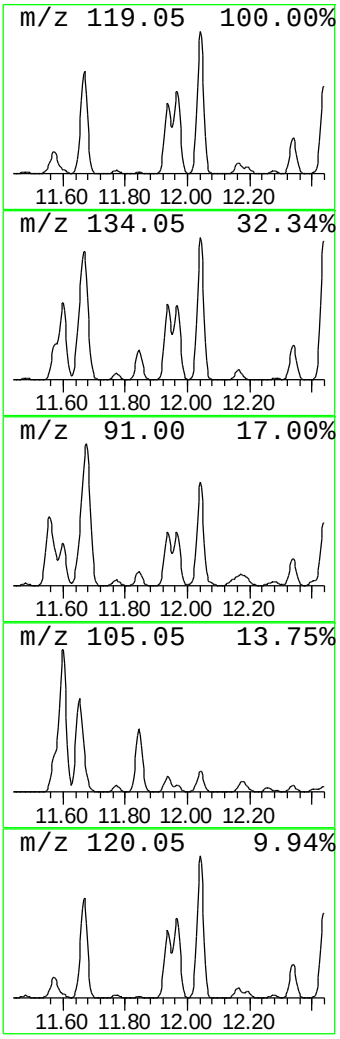
****

Peak Number 41 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	218.85 ug/L	6881790	1,4-Dichlorobenzene-d4	11.28

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	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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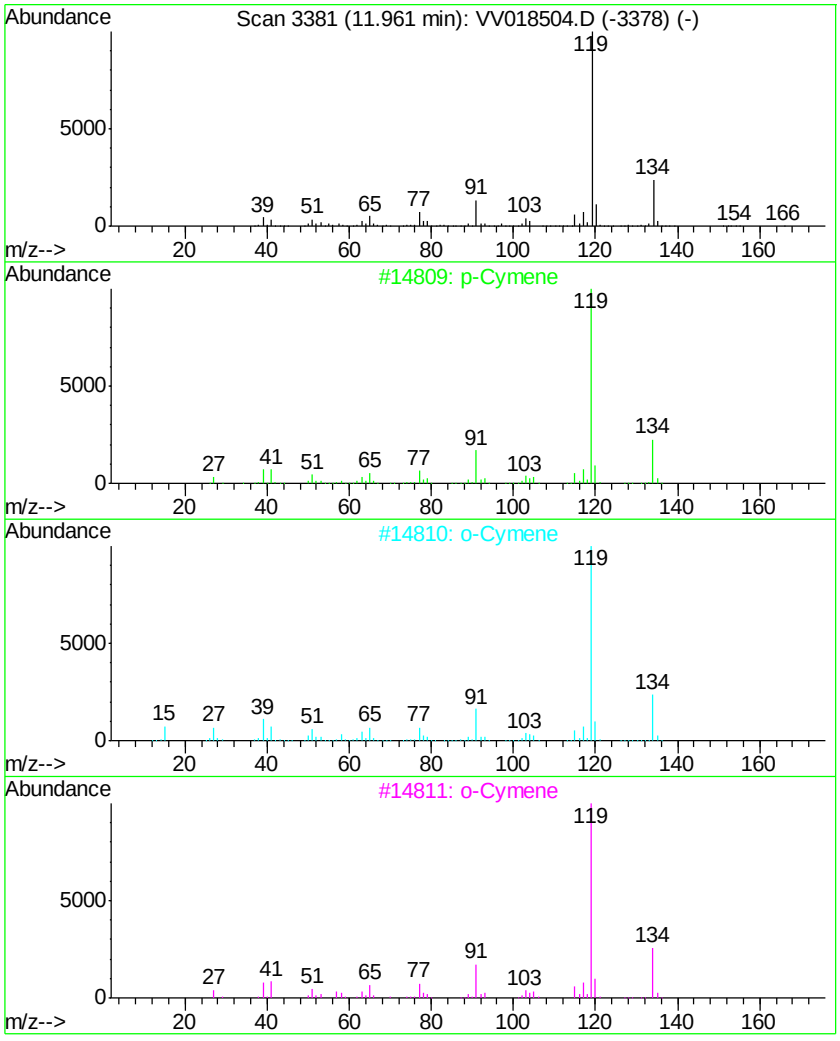
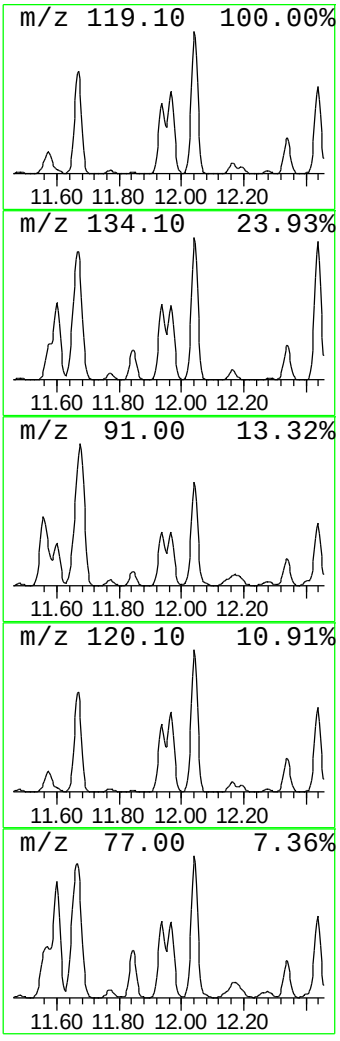
Peak Number 42 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	203.02 ug/L	6383950	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

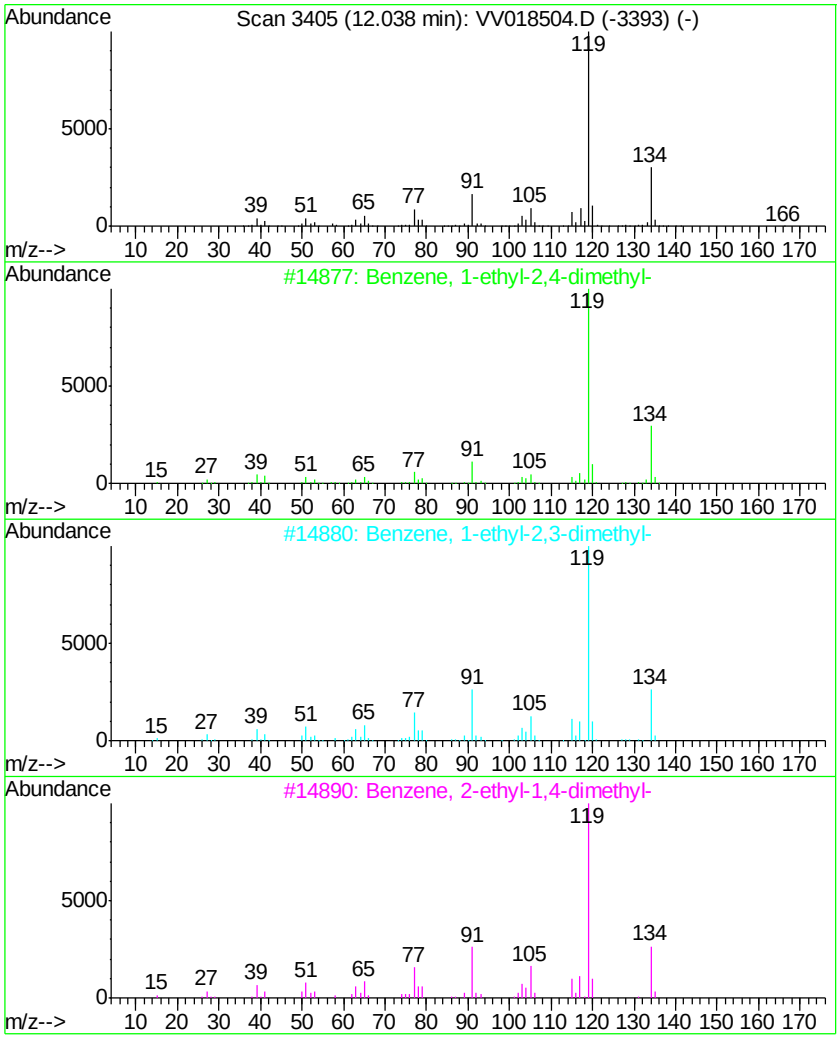
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

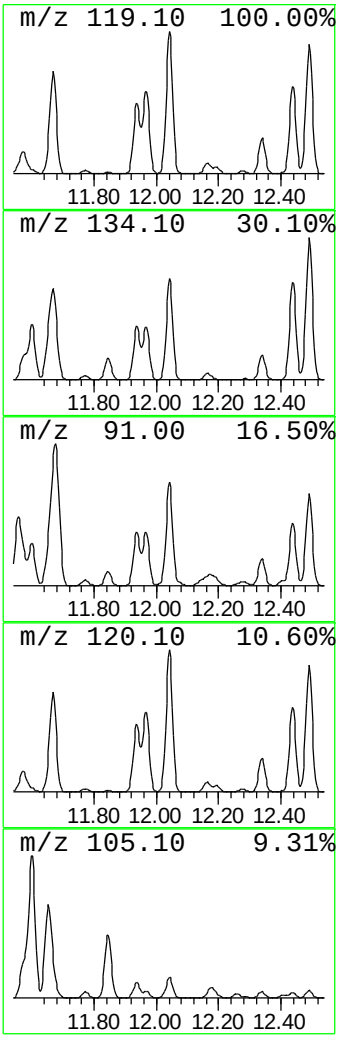
****

Peak Number 43 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	419.41 ug/L	13188300	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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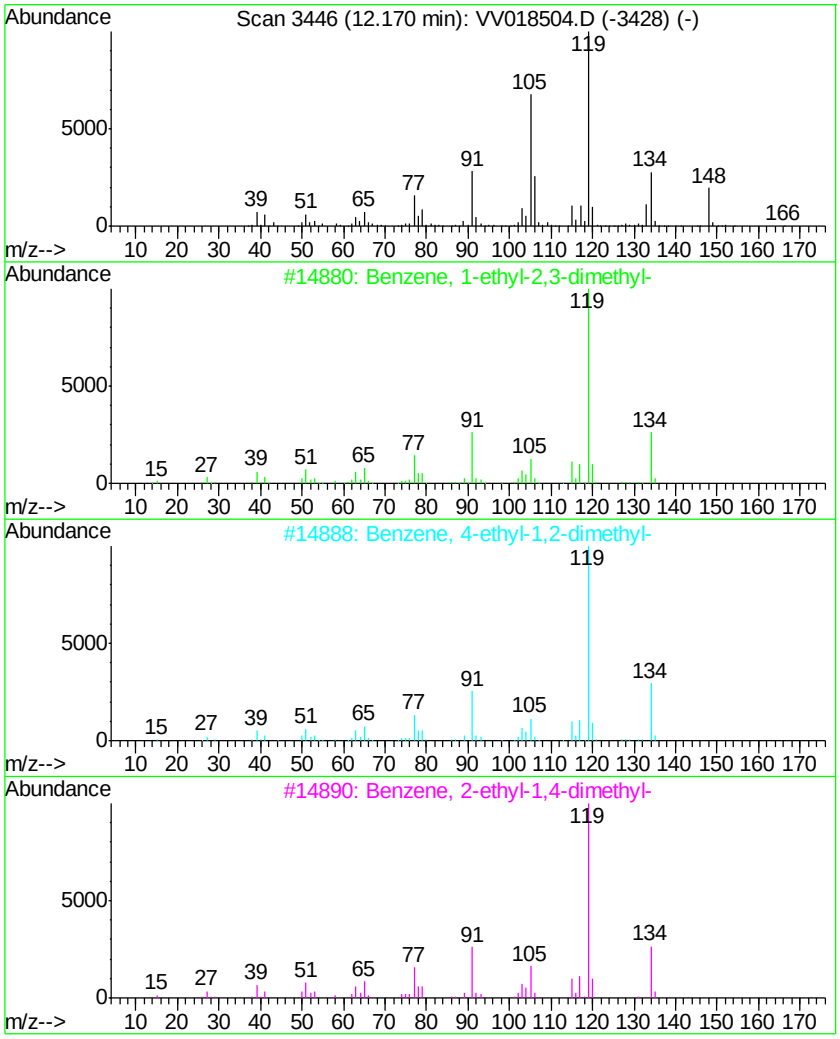
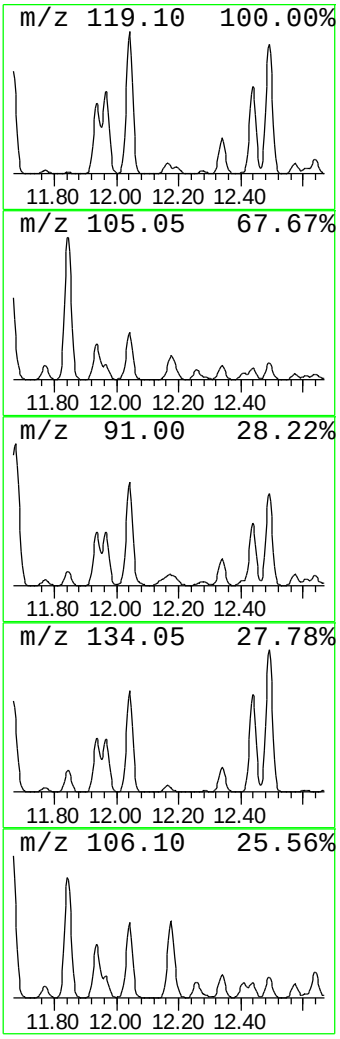
Peak Number 44 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	100.69 ug/L	3166140	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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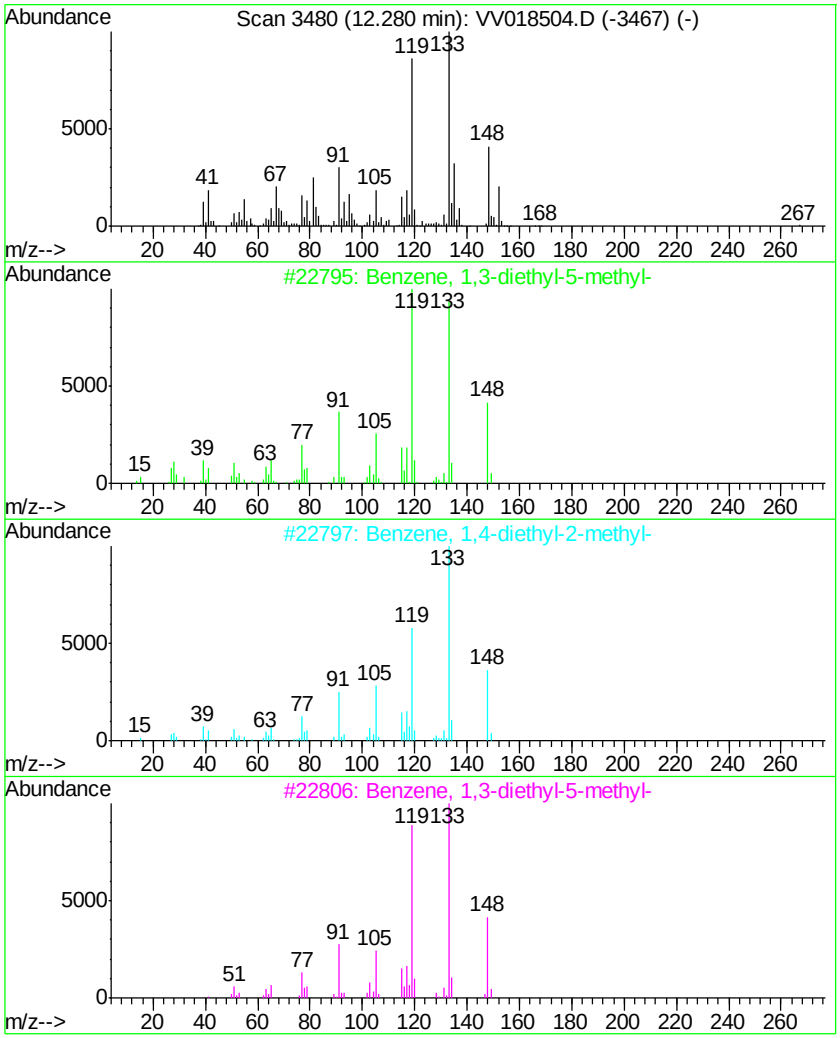
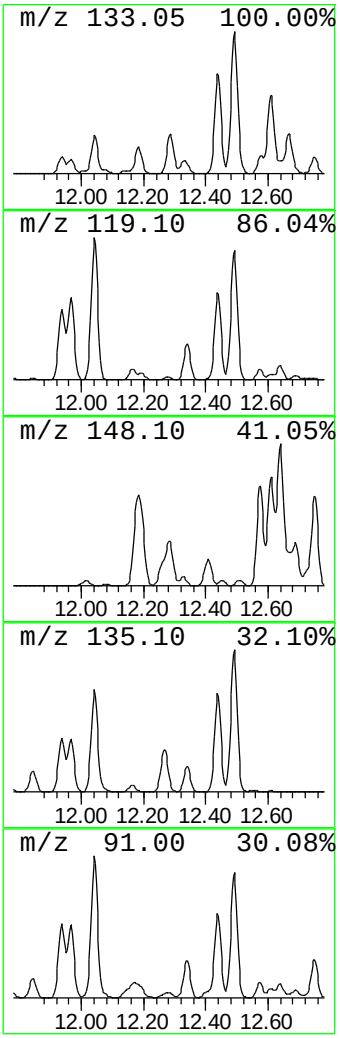
Peak Number 45 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	33.84 ug/L	1063980	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	86
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	50
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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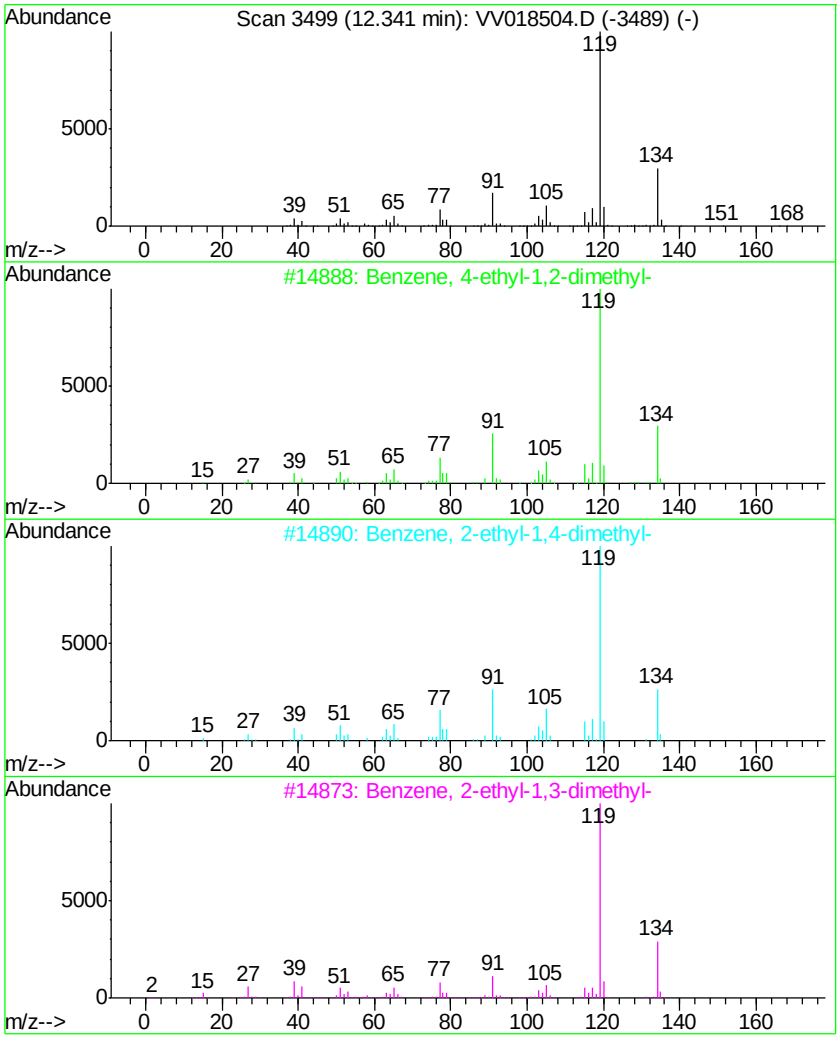
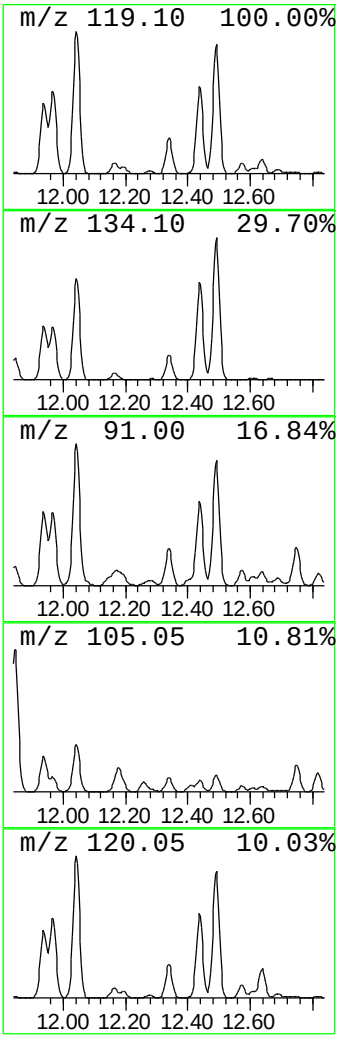
Peak Number 46 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	101.15 ug/L	3180470	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	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\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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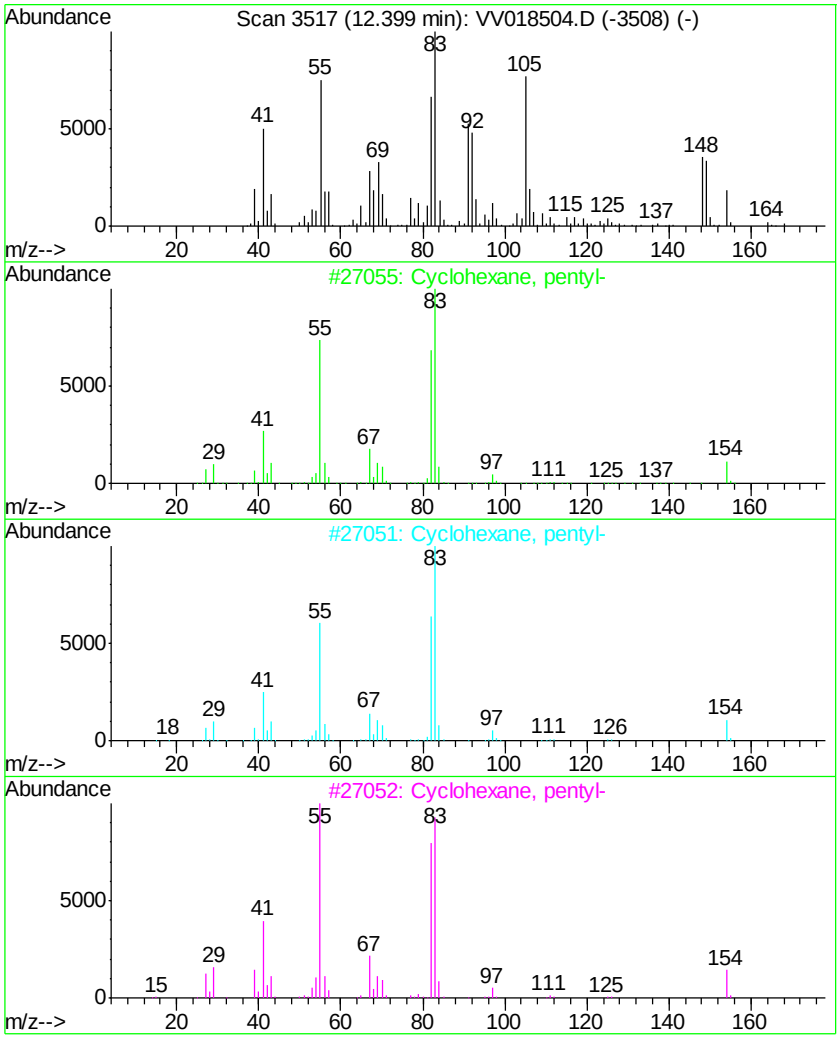
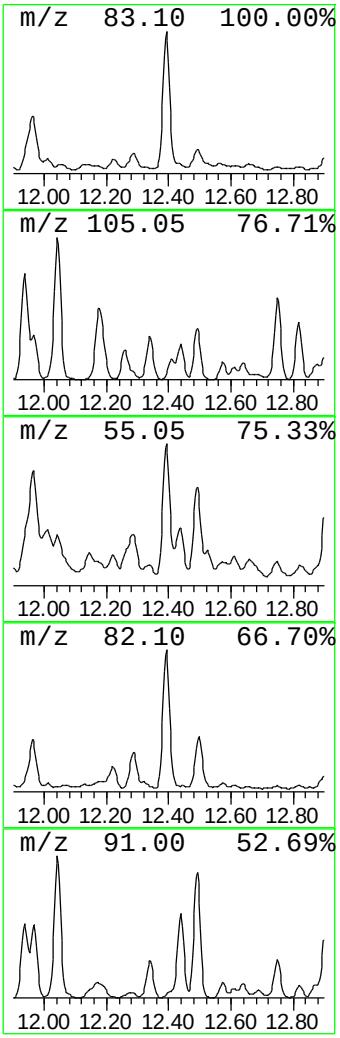
Peak Number 47 (DEL) Alkane: Cyclic12.40 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	15.27 ug/L	480159	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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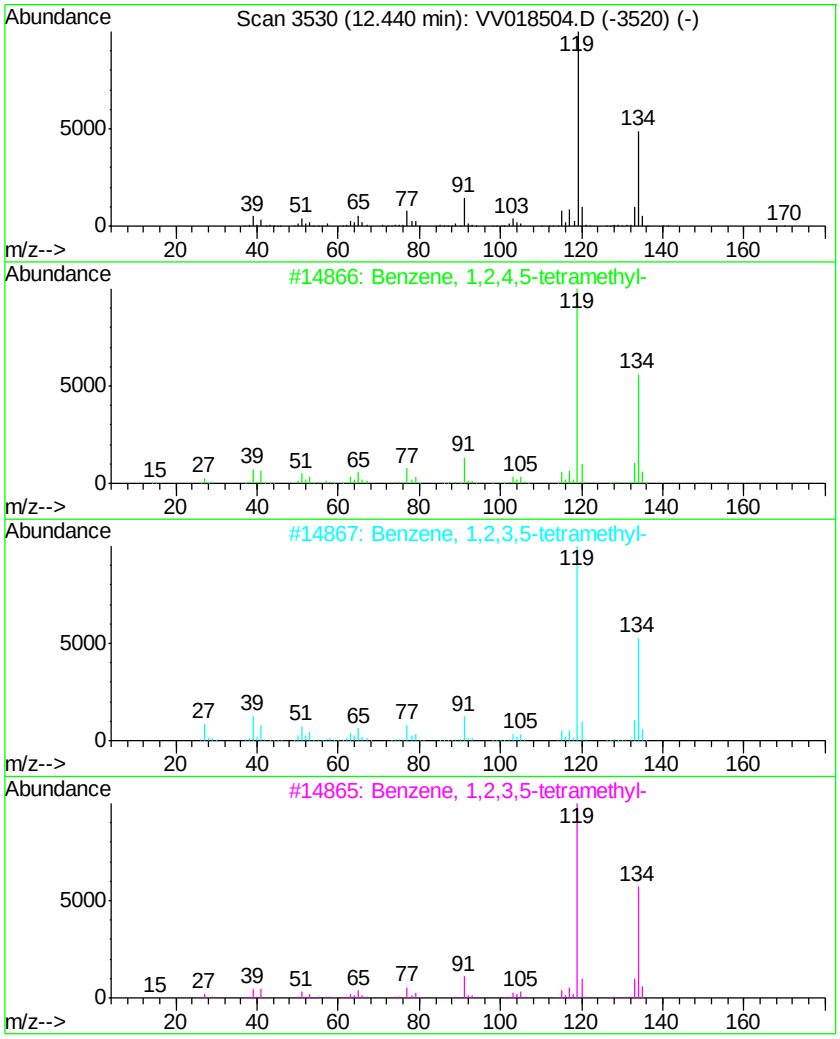
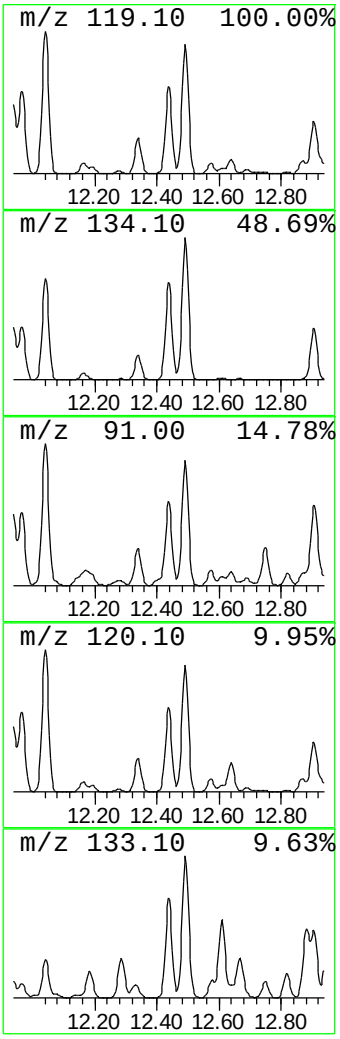
Peak Number 48 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	254.25 ug/L	7994720	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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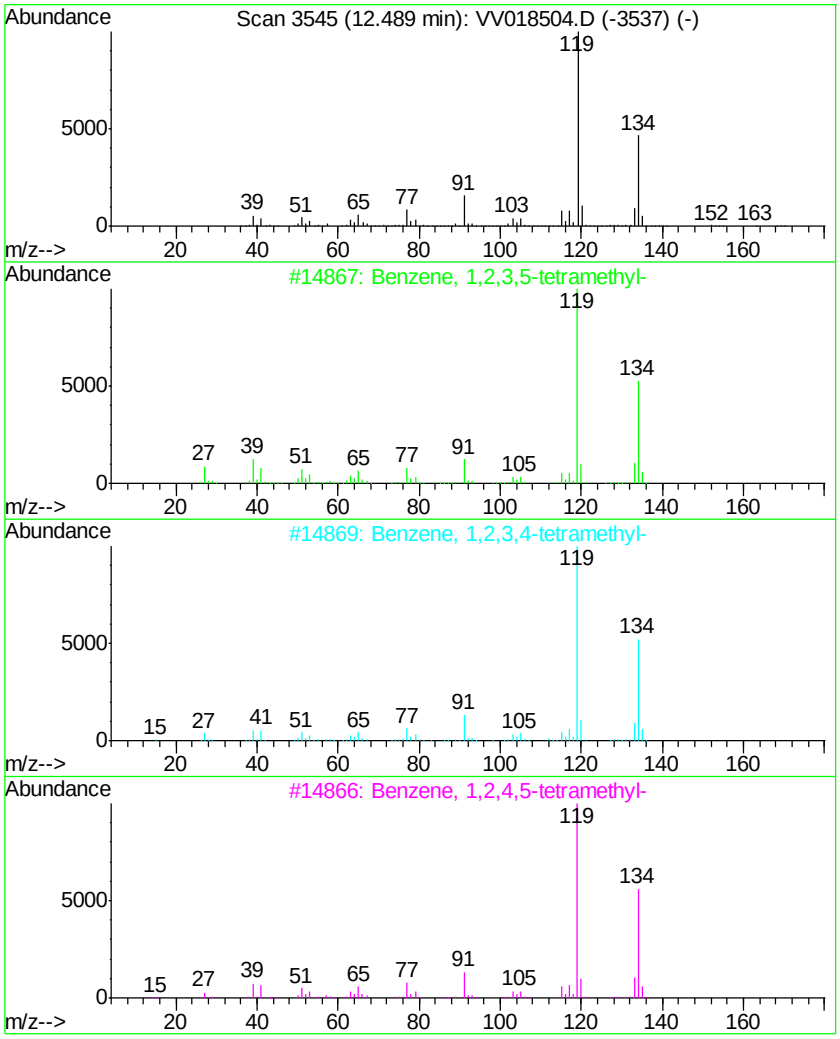
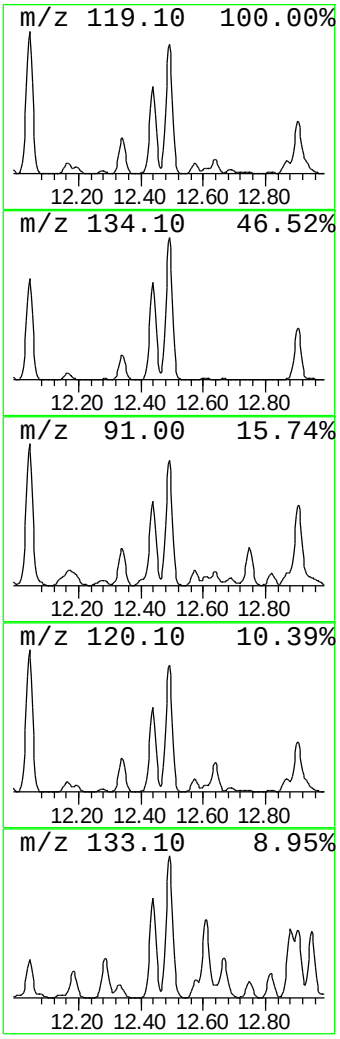
Peak Number 49 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	402.46 ug/L	12655300	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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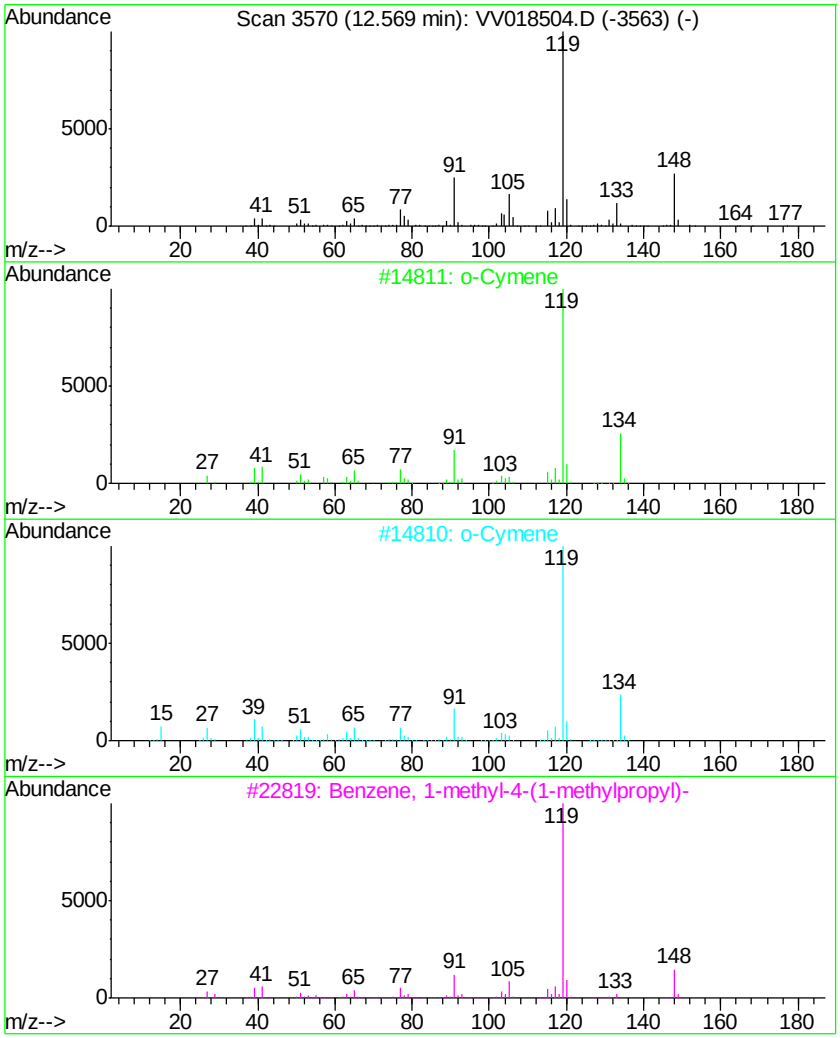
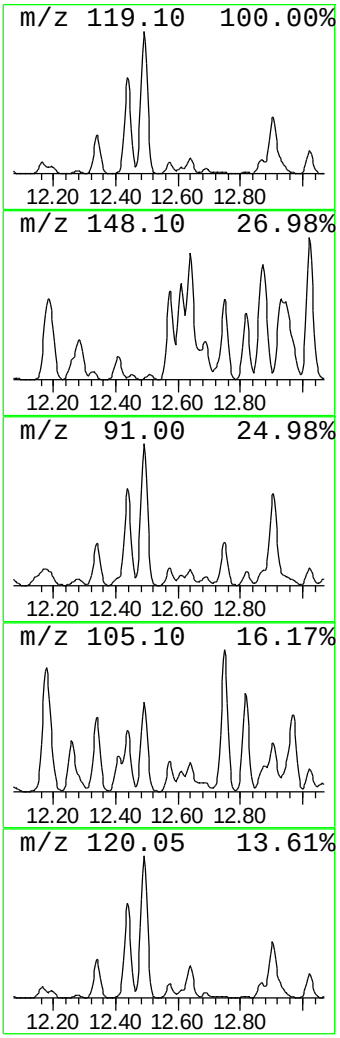
Peak Number 50 o-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	31.98 ug/L	1005760	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
4	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	72
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

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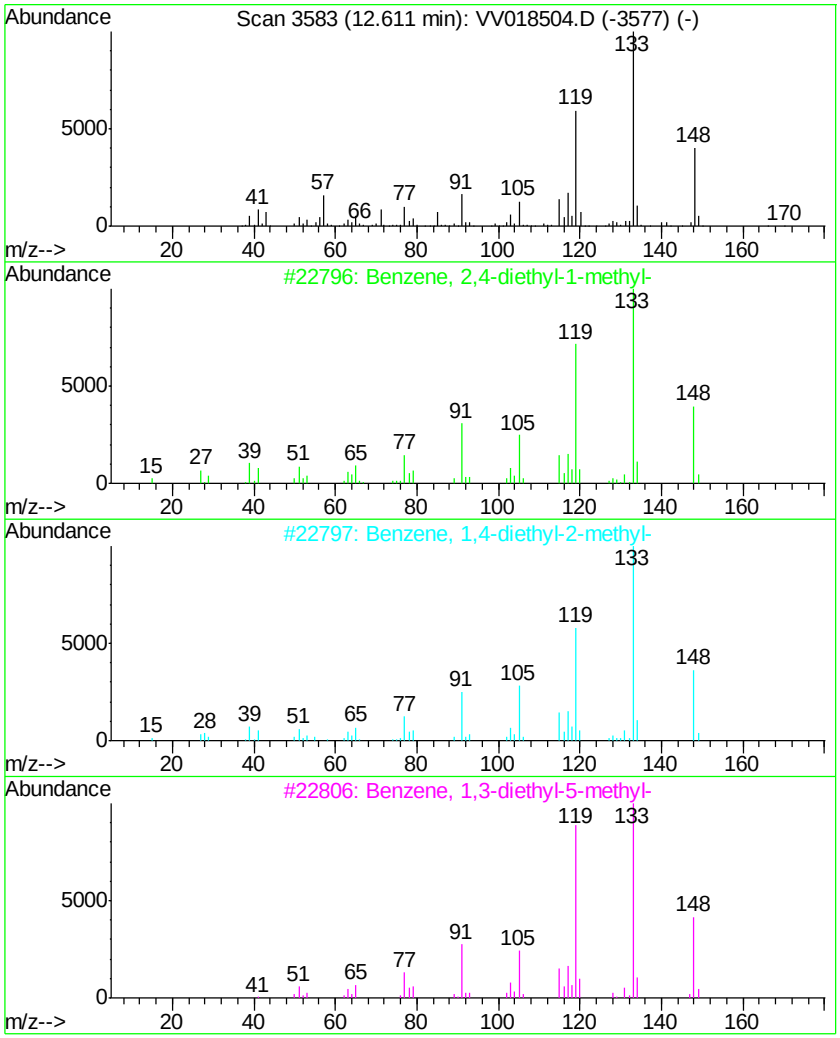
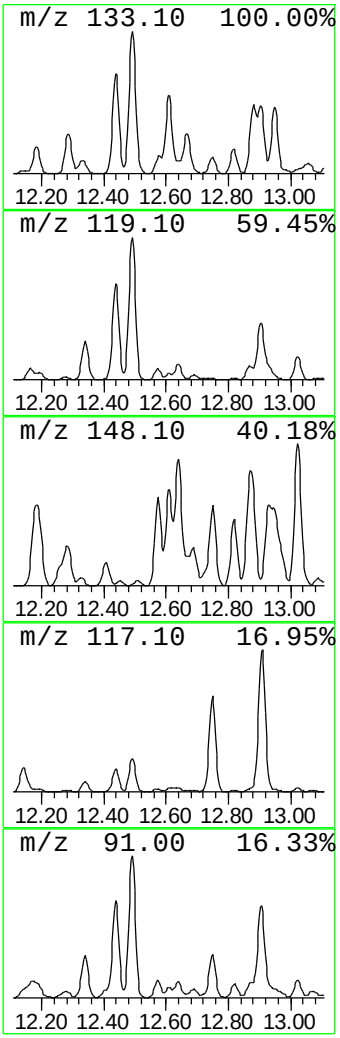
Peak Number 51 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	21.36 ug/L	671593	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

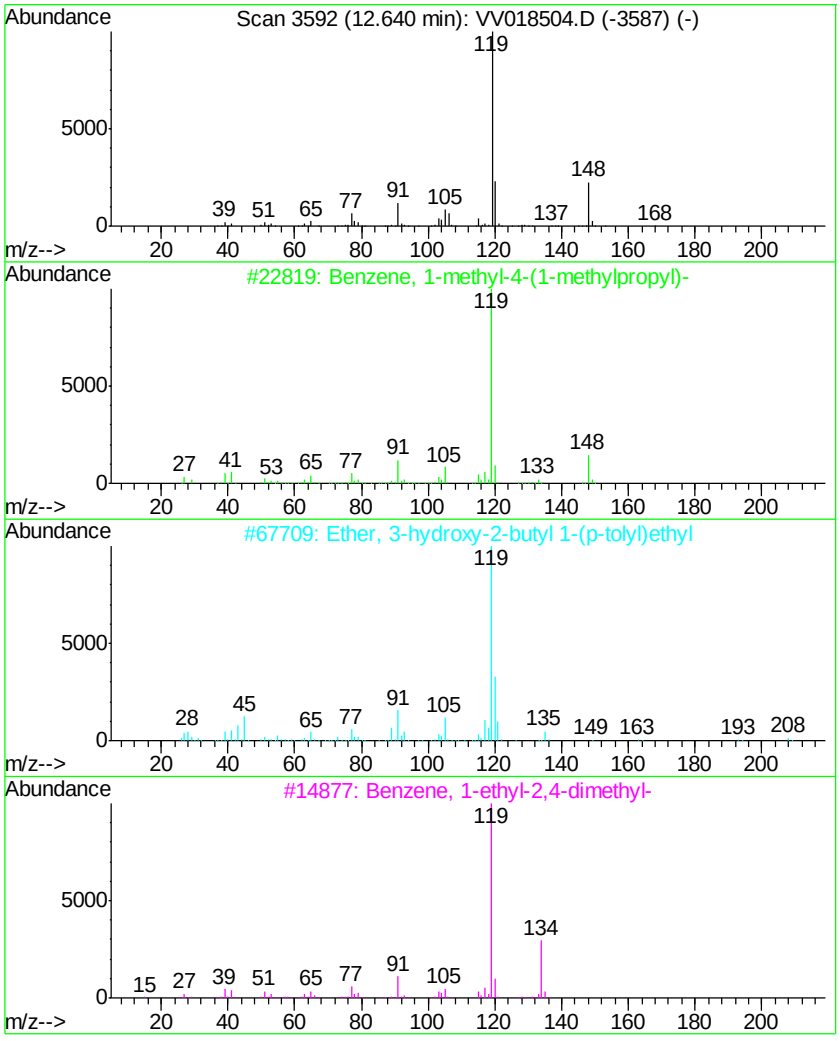
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

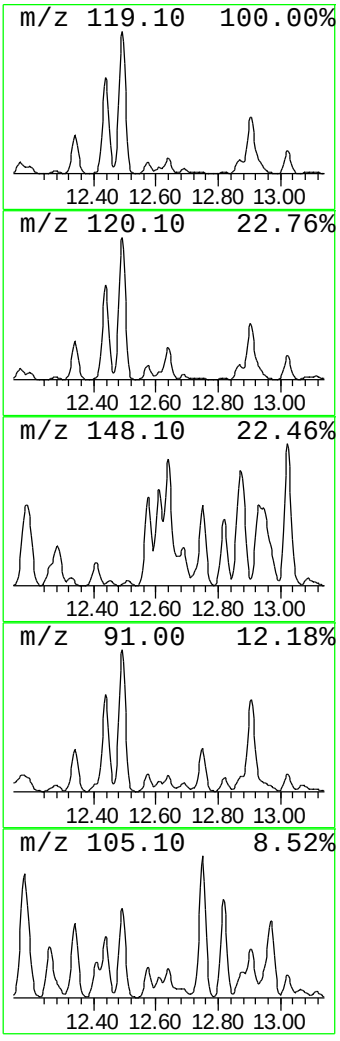
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1-methyl-4-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	27.44 ug/L	862895	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2	Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	59
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	42
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

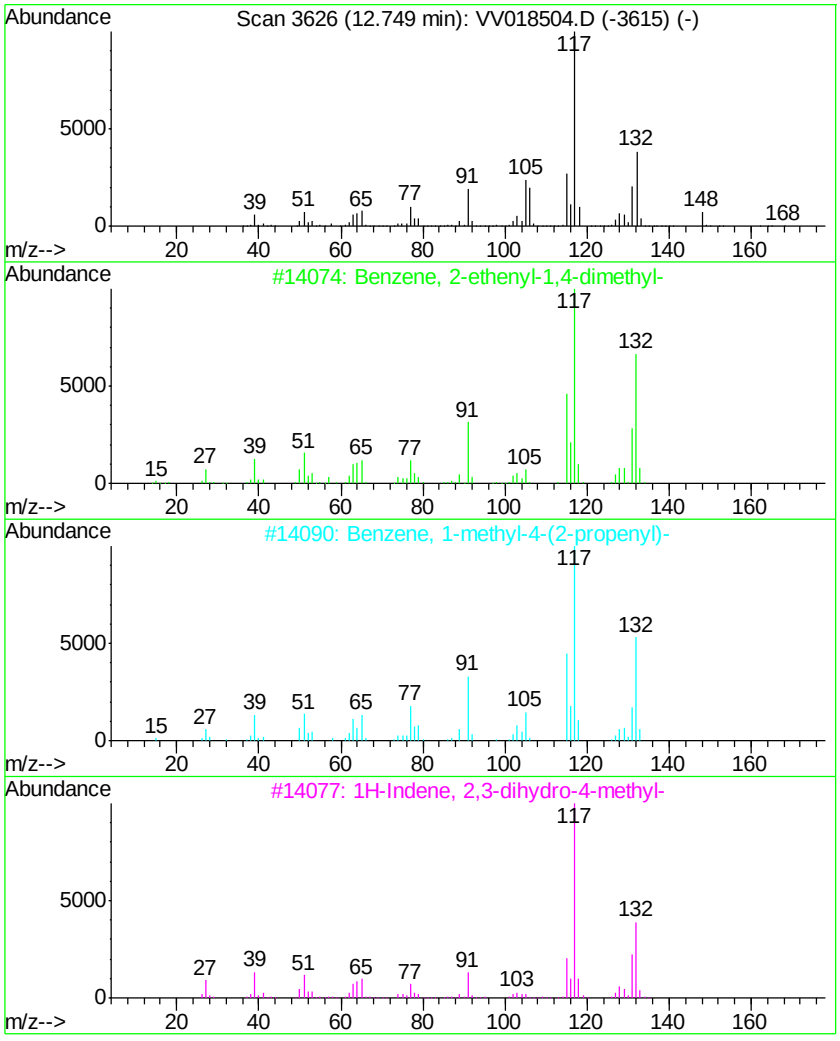
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

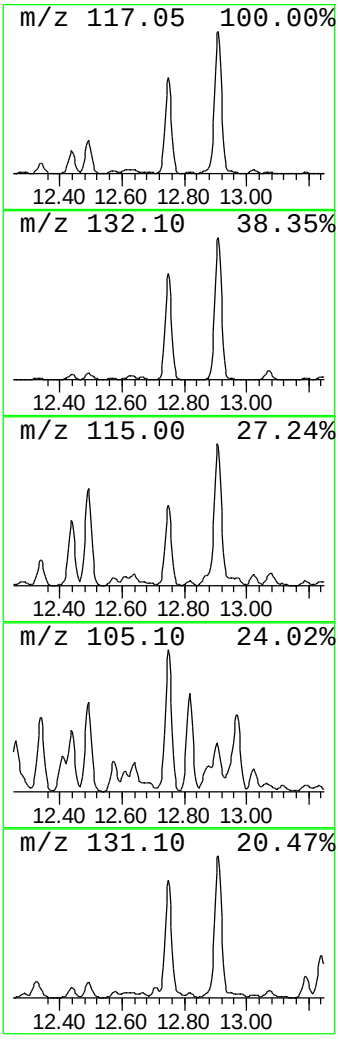
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	135.17 ug/L	4250510	1,4-Dichlorobenzene-d4	11.28

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-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

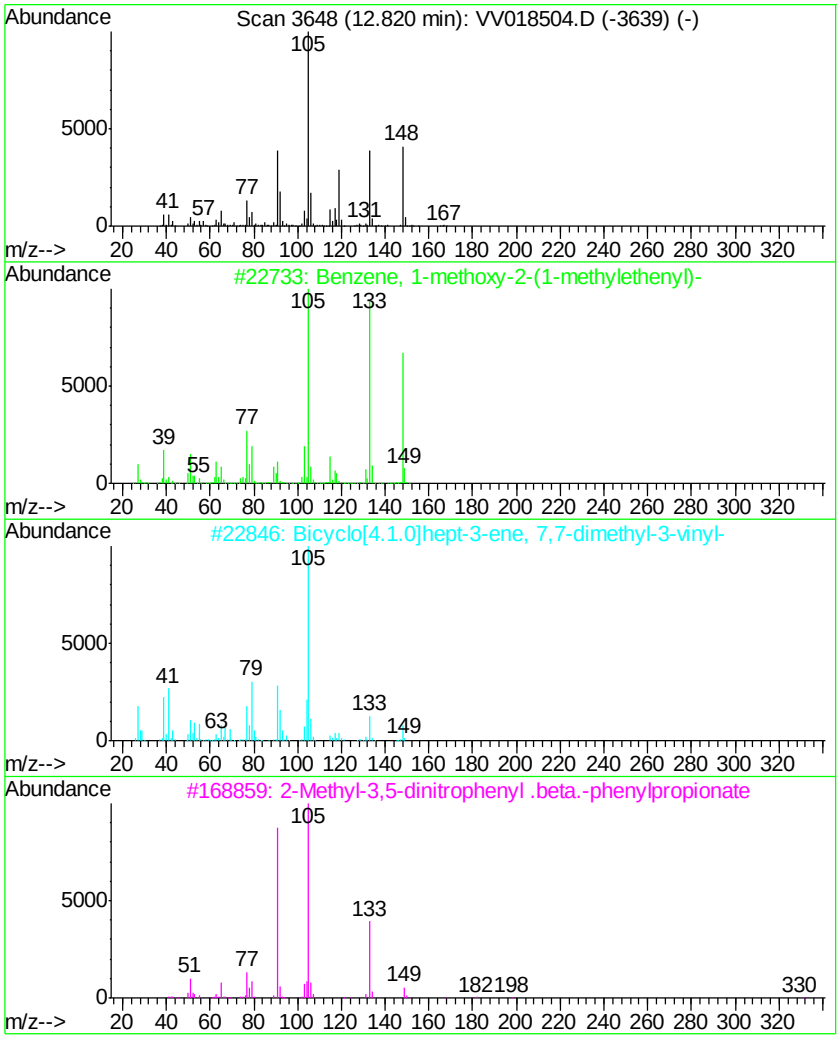
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

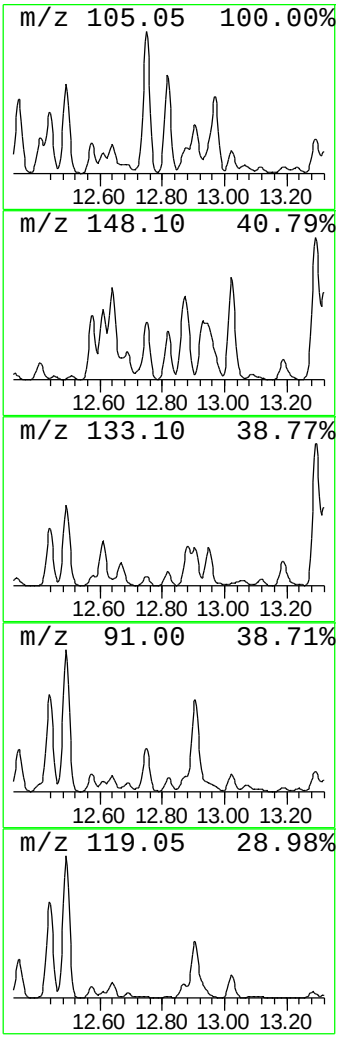
****

Peak Number 54 Benzene, 1-methoxy-2-(1-met... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	23.38 ug/L	735310	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	52
2	Bicyclo[4.1.0]hept-3-ene, 7,7-di...	148	C11H16	113003-13-7	50
3	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	38
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	35
5	2,6-Dibromo-4-nitrophenyl-.beta....	427	C15H11Br2NO4	040123-56-6	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

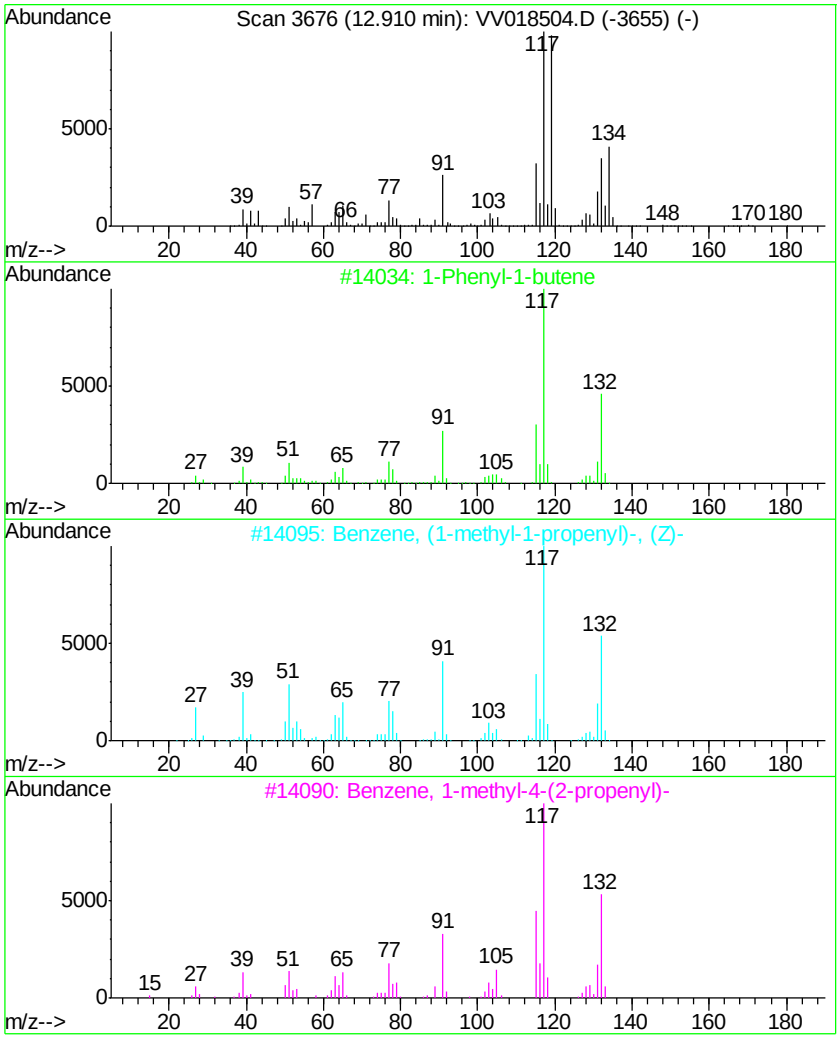
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

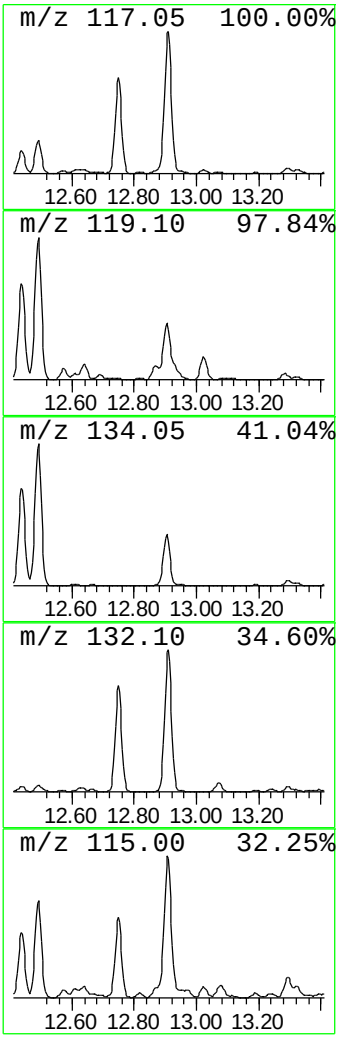
****

Peak Number 55 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	415.39 ug/L	13061800	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X4

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.53	236.7	ug/L	3491750	1	5.64	737640	50.0
(DEL) Alkane: Str...	2.76	398.1	ug/L	5873060	1	5.64	737640	50.0
(DEL) Alkane: Str...	3.05	1047.0	ug/L	15445800	1	5.64	737640	50.0
(DEL) Alkane: Str...	3.55	29.4	ug/L	433339	1	5.64	737640	50.0
(DEL) Alkane: Str...	3.68	14.3	ug/L	211498	1	5.64	737640	50.0
(DEL) Alkane: Cyc...	3.78	266.6	ug/L	3933060	1	5.64	737640	50.0
(DEL) Alkane: Str...	6.67	9.7	ug/L	143606	1	5.64	737640	50.0
(DEL) Alkane: Str...	6.80	13.8	ug/L	203792	1	5.64	737640	50.0
(DEL) Alkane: Str...	6.94	11.6	ug/L	170999	1	5.64	737640	50.0
(DEL) Alkane: Str...	7.10	9.3	ug/L	136633	1	5.64	737640	50.0
(DEL) Alkane: Cyc...	7.28	26.7	ug/L	555934	2	8.88	1039800	50.0
(DEL) Alkane: Str...	7.59	18.7	ug/L	389145	2	8.88	1039800	50.0
(DEL) Alkane: Cyc...	8.31	7.0	ug/L	145593	2	8.88	1039800	50.0
Dichloroacetic ac...	8.69	8.8	ug/L	181897	2	8.88	1039800	50.0
(DEL) Alkane: Str...	8.81	6.5	ug/L	135930	2	8.88	1039800	50.0
(DEL) Alkane: Str...	9.23	41.3	ug/L	858197	2	8.88	1039800	50.0
unknown-01	9.50	15.3	ug/L	318987	2	8.88	1039800	50.0
(DEL) Alkane: Str...	9.73	15.1	ug/L	313975	2	8.88	1039800	50.0
(DEL) Alkane: Cyc...	9.82	22.0	ug/L	457775	2	8.88	1039800	50.0
(DEL) Alkane: Str...	9.87	7.3	ug/L	151264	2	8.88	1039800	50.0
(DEL) Alkane: Str...	10.04	14.1	ug/L	292734	2	8.88	1039800	50.0
(DEL) Alkane: Str...	10.11	14.8	ug/L	466239	3	11.28	1572240	50.0
(DEL) Alkane: Str...	10.14	27.2	ug/L	855103	3	11.28	1572240	50.0
Benzene, propyl-	10.38	731.0	ug/L	22986200	3	11.28	1572240	50.0
Benzene, 1-ethyl-...	10.49	3306.1	ug/L	103958000	3	11.28	1572240	50.0
Mesitylene	10.57	1428.4	ug/L	44914800	3	11.28	1572240	50.0
4-Heptanone, 2,6-...	10.73	1123.5	ug/L	35327200	3	11.28	1572240	50.0
Benzene, 1,2,3-tr...	10.96	3368.5	ug/L	105922000	3	11.28	1572240	50.0
2-Heptanone, 4,6-...	11.05	38.8	ug/L	1220370	3	11.28	1572240	50.0
Benzene, (2-methy...	11.08	29.5	ug/L	927508	3	11.28	1572240	50.0
Benzeneacetaldehy...	11.12	33.7	ug/L	1058720	3	11.28	1572240	50.0
Benzene, 1,2,4-tr...	11.37	983.6	ug/L	30929100	3	11.28	1572240	50.0
(DEL) Alkane: Str...	11.49	18.5	ug/L	581486	3	11.28	1572240	50.0
Benzene, 2-propenyl-	11.56	396.6	ug/L	12471800	3	11.28	1572240	50.0
Benzene, 1-methyl...	11.60	232.2	ug/L	7300200	3	11.28	1572240	50.0
Benzene, 1,2-diet...	11.77	22.3	ug/L	702625	3	11.28	1572240	50.0
(DEL) Alkane: Str...	11.81	79.5	ug/L	2499960	3	11.28	1572240	50.0
Benzene, 1-methyl...	11.84	102.4	ug/L	3220170	3	11.28	1572240	50.0
Benzene, 2-ethyl-...	11.94	218.8	ug/L	6881790	3	11.28	1572240	50.0
p-Cymene	11.96	203.0	ug/L	6383950	3	11.28	1572240	50.0
Benzene, 1-ethyl-...	12.04	419.4	ug/L	13188300	3	11.28	1572240	50.0
Benzene, 1-ethyl-...	12.17	100.7	ug/L	3166140	3	11.28	1572240	50.0
Benzene, 1,3-diet...	12.28	33.8	ug/L	1063980	3	11.28	1572240	50.0
Benzene, 4-ethyl-...	12.34	101.2	ug/L	3180470	3	11.28	1572240	50.0
(DEL) Alkane: Cyc...	12.40	15.3	ug/L	480159	3	11.28	1572240	50.0
Benzene, 1,2,4,5-...	12.44	254.3	ug/L	7994720	3	11.28	1572240	50.0
Benzene, 1,2,3,5-...	12.49	402.5	ug/L	12655300	3	11.28	1572240	50.0
o-Cymene	12.57	32.0	ug/L	1005760	3	11.28	1572240	50.0
Benzene, 2,4-diet...	12.61	21.4	ug/L	671593	3	11.28	1572240	50.0

Benzene, 1-methyl...	12.64	27.4	ug/L	862895	3	11.28	1572240	50.0
Benzene, 2-etheny...	12.75	135.2	ug/L	4250510	3	11.28	1572240	50.0
Benzene, 1-methox...	12.82	23.4	ug/L	735310	3	11.28	1572240	50.0
1-Phenyl-1-butene	12.91	415.4	ug/L	13061800	3	11.28	1572240	50.0

Instrument :
MSVOA_V
ClientSampleId :
BG3X4