LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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	118342	117363	3.02%	0.400%
2	1.579	144	152	163	rBV	117468	133011	3.42%	0.453%
3	2.119	309	320	331	rBV	237318	349387	8.99%	1.190%
4	2.547	434	453	470	rVV	34416	71667	1.84%	0.244%
5	2.630	472	479	493	rVB3	2663	5449	0.14%	0.019%
6	2.778	511	525	547	rVB	57800	117266	3.02%	0.399%
7	2.881	555	557	562	rVB2	620	445	0.01%	0.002%
8	3.058	597	612	637	rBV	180820	366092	9.42%	1.247%
9	3.174	644	648	653	rBV3	675	588	0.02%	0.002%
10	3.299	684	687	692	rVV5	599	615	0.02%	0.002%
11	3.560	754	768	771	rBV2	6978	12241	0.31%	0.042%
12	3.691	797	809	824	rVV4	5297	14752	0.38%	0.050%
13	3.785	824	838	856	rVB3	29650	76800	1.98%	0.262%
14	3.923	869	881	922	rVV2	71433	237719	6.12%	0.810%
15	4.196	961	966	971	rBV5	658	587	0.02%	0.002%
16	4.219	971	973	979	rVB2	543	460	0.01%	0.002%
17	4.376	1002	1022	1049	rBV	168524	418924	10.78%	1.427%
18	4.511	1062	1064	1071	rVB4	780	523	0.01%	0.002%
19	4.633	1096	1102	1105	rBV3	558	726	0.02%	0.002%
20	4.704	1113	1124	1137	rVB6	4851	10960	0.28%	0.037%
21	5.071	1220	1238	1272	rBV2	407170	1040926	26.78%	3.546%
22	5.511	1370	1375	1376	rBV3	1360	850	0.02%	0.003%
23	5.640	1402	1415	1442	rBV	395271	778779	20.04%	2.653%
24	5.929	1494	1505	1527	rVB2	17494	38940	1.00%	0.133%
25	6.016	1527	1532	1533	rBV	705	507	0.01%	0.002%
26	6.093	1542	1556	1586	rBV	233060	476508	12.26%	1.623%
27	6.254	1603	1606	1609	rVB2	700	450	0.01%	0.002%
28	6.672	1727	1736	1747	rBV5	2004	4032	0.10%	0.014%
29	6.801	1768	1776	1789	rVB6	2599	4643	0.12%	0.016%
30	6.858	1789	1794	1800	rBV3	819	707	0.02%	0.002%
31	6.942	1810	1820	1825	rBV3	2780	4160	0.11%	0.014%
32	7.006	1829	1840	1864	rVV	135210	240042	6.18%	0.818%
33	7.283	1916	1926	1932	rBV4	8208	14309	0.37%	0.049%
34	7.338	1932	1943	1960	rVV	491777	844275	21.72%	2.876%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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	7.415	1960	1967	1980	rVB	18436	33291	0.86%	0.113%
36	7.592	2013	2022	2029	rVV3	6573	10207	0.26%	0.035%
37	7.643	2029	2038	2068	rVB	98252	174618	4.49%	0.595%
38	7.804	2081	2088	2089	rBV4	1450	1272	0.03%	0.004%
39	7.900	2107	2118	2124	rBV7	1766	2688	0.07%	0.009%
40	8.003	2144	2150	2156	rVB5	1947	2383	0.06%	0.008%
41	8.109	2172	2183	2214	rBV	247814	473444	12.18%	1.613%
42	8.315	2241	2247	2256	rVB6	4019	6442	0.17%	0.022%
43	8.373	2256	2265	2269	rBV7	1633	2448	0.06%	0.008%
44	8.595	2327	2334	2335	rBV5	1034	1192	0.03%	0.004%
45	8.688	2355	2363	2372	rVB6	3569	5651	0.15%	0.019%
46	8.810	2393	2401	2409	rBV6	2567	3607	0.09%	0.012%
47	8.871	2409	2420	2443	rBV	614331	1002466	25.79%	3.415%
48	9.035	2460	2471	2482	rBV	27167	44002	1.13%	0.150%
49	9.157	2496	2509	2522	rBV	105240	175652	4.52%	0.598%
50	9.225	2523	2530	2547	rVB5	14168	26514	0.68%	0.090%
51	9.434	2590	2595	2596	rBV4	617	502	0.01%	0.002%
52	9.495	2606	2614	2622	rBV6	5515	8178	0.21%	0.028%
53	9.566	2627	2636	2652	rVV	39565	64920	1.67%	0.221%
54	9.698	2670	2677	2679	rBV6	1890	2097	0.05%	0.007%
55	9.733	2682	2688	2696	rVB4	7768	11064	0.28%	0.038%
56	9.788	2699	2705	2707	rBV3	1407	1530	0.04%	0.005%
57	9.820	2709	2715	2723	rVB7	4367	6934	0.18%	0.024%
58	9.952	2740	2756	2769	rBV	68492	109866	2.83%	0.374%
59	10.035	2776	2782	2792	rBV5	6543	10490	0.27%	0.036%
60	10.145	2809	2816	2826	rVB2	28830	47830	1.23%	0.163%
61	10.238	2829	2845	2865	rBV	332206	530107	13.64%	1.806%
62	10.373	2877	2887	2905	rVB	454322	673878	17.34%	2.296%
63	10.466	2905	2916	2935	rBV	1572614	3342384	86.00%	11.386%
64	10.559	2935	2945	2954	rBV	966762	1405783	36.17%	4.789%
65	10.717	2986	2994	2998	rBV	26921	38720	1.00%	0.132%
66	10.759	2998	3007	3026	rVB	519858	787320	20.26%	2.682%
67	10.935	3044	3062	3084	rVB	2584095	3886659	100.00%	13.240%
68	11.077	3091	3106	3111	rBV3	32005	66402	1.71%	0.226%
69	11.170	3128	3135	3141	rBV3	22804	36048	0.93%	0.123%
70	11.212	3142	3148	3156	rVB2	65346	94271	2.43%	0.321%
71	11.270	3156	3166	3183	rBV	745662	1181831	30.41%	4.026%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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	11.357	3184	3193	3202	rBV	508575	731886	18.83%	2.493%
73	11.485	3227	3233	3241	rVB3	25594	34913	0.90%	0.119%
74	11.566	3244	3258	3261	rVV2	135578	269057	6.92%	0.917%
75	11.595	3263	3267	3274	rVV	259419	350268	9.01%	1.193%
76	11.649	3274	3284	3304	rVB4	876207	1821970	46.88%	6.207%
77	11.768	3315	3321	3325	rBV	15914	20929	0.54%	0.071%
78	11.810	3326	3334	3339	rBV	148319	202758	5.22%	0.691%
79	11.932	3362	3372	3376	rBV	226939	324149	8.34%	1.104%
80	12.035	3395	3404	3427	rVB	441990	687239	17.68%	2.341%
81	12.144	3429	3438	3440	rBV3	35905	51014	1.31%	0.174%
82	12.279	3468	3480	3488	rBV7	29279	59273	1.53%	0.202%
83	12.337	3489	3498	3507	rVB2	99836	152928	3.93%	0.521%
84	12.392	3508	3515	3518	rBV4	23536	32174	0.83%	0.110%
85	12.434	3520	3528	3536	rVV	282458	393591	10.13%	1.341%
86	12.485	3536	3544	3563	rVB	443363	674672	17.36%	2.298%
87	12.572	3564	3571	3576	rBV	39554	54119	1.39%	0.184%
88	12.607	3577	3582	3587	rBV2	34759	44243	1.14%	0.151%
89	12.746	3617	3625	3639	rVB2	131606	199222	5.13%	0.679%
90	12.816	3639	3647	3655	rBV2	31963	47968	1.23%	0.163%
91	12.903	3656	3674	3703	rVV4	370306	783398	20.16%	2.669%
92	13.022	3704	3711	3718	rVV	61240	91445	2.35%	0.312%
93	13.064	3719	3724	3748	rVB7	39797	97277	2.50%	0.331%
94	13.283	3782	3792	3812	rBV2	954800	1550822	39.90%	5.283%
95	13.424	3829	3836	3848	rVB	39188	54750	1.41%	0.187%
96	13.524	3859	3867	3876	rVB	189621	271413	6.98%	0.925%
97	13.765	3934	3942	3957	rVB	296909	484001	12.45%	1.649%
98	13.922	3983	3991	4006	rVB2	84153	141080	3.63%	0.481%
99	14.122	4044	4053	4064	rVB6	25519	53539	1.38%	0.182%
100	14.257	4090	4095	4106	rVB2	11832	17626	0.45%	0.060%

Sum of corrected areas: 29355118

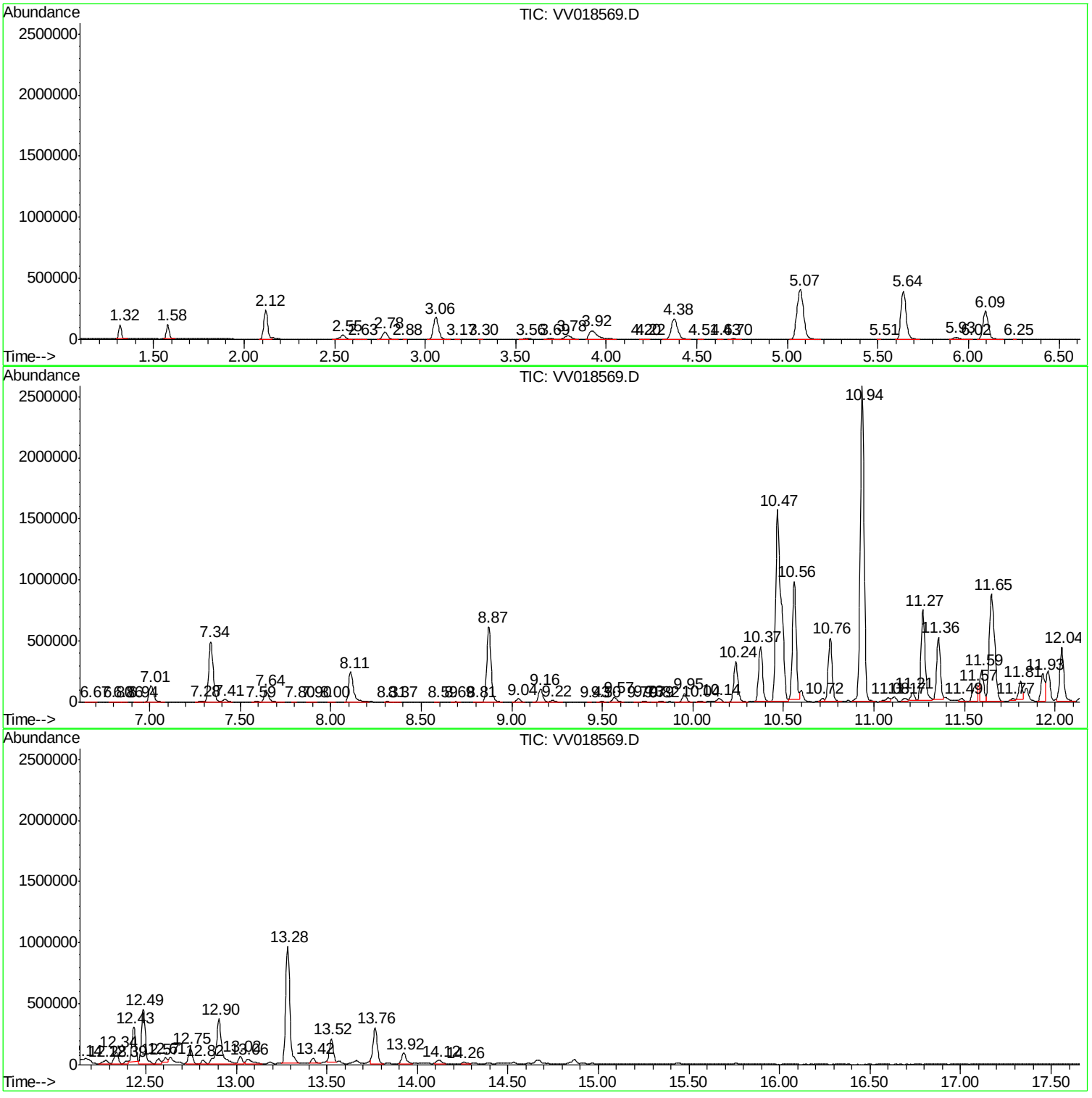
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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 : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

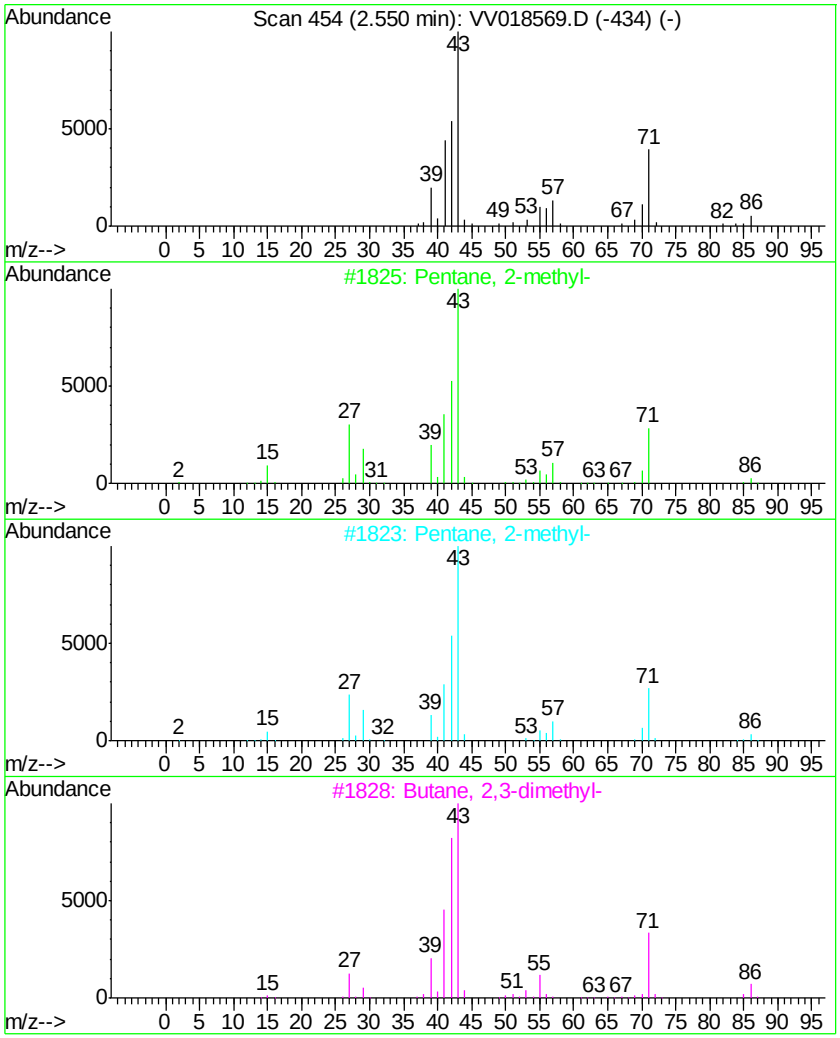
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

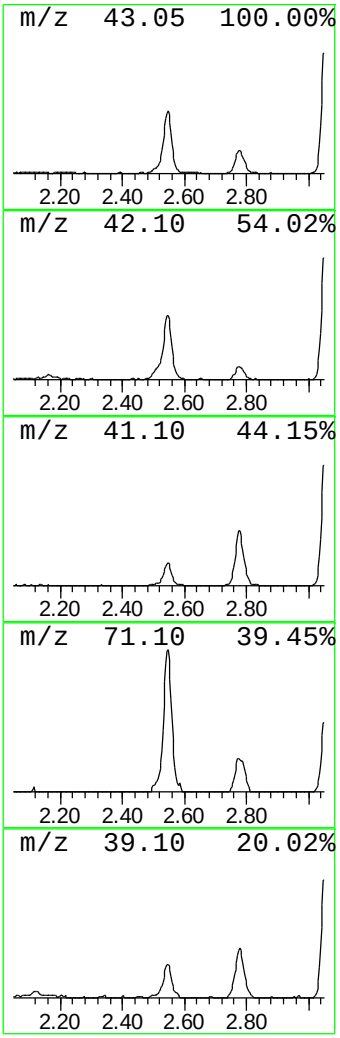
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	4.60 ug/L	71667	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

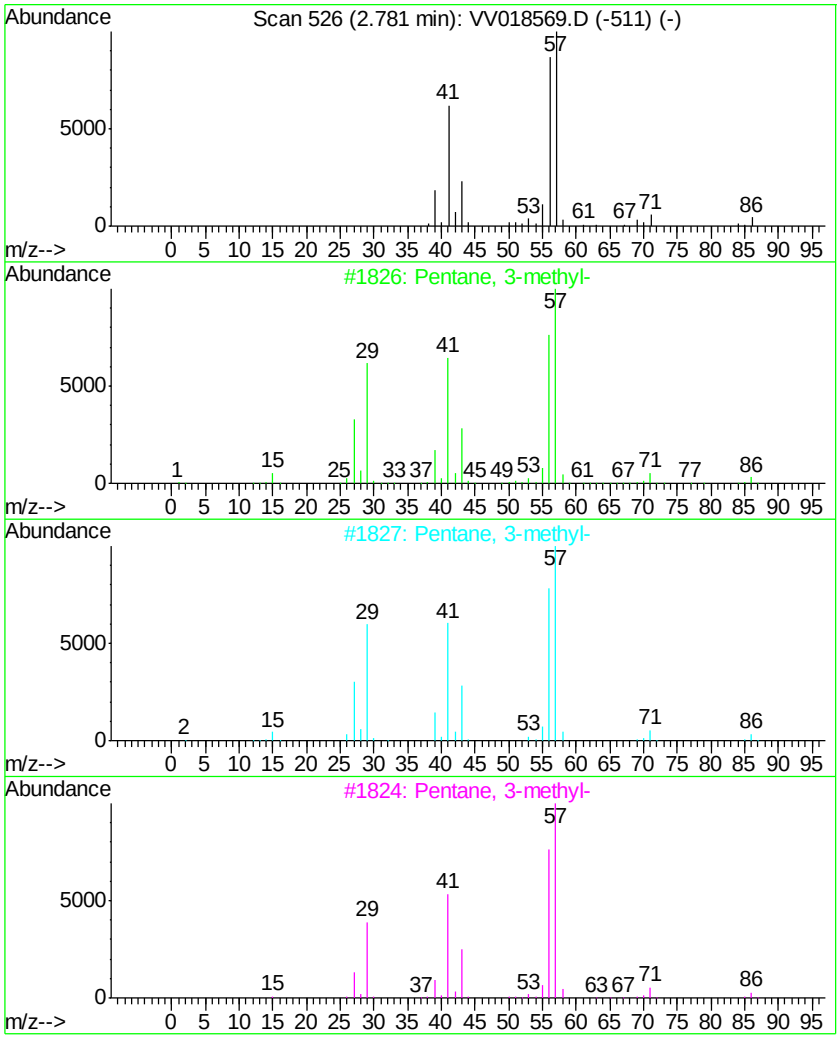
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

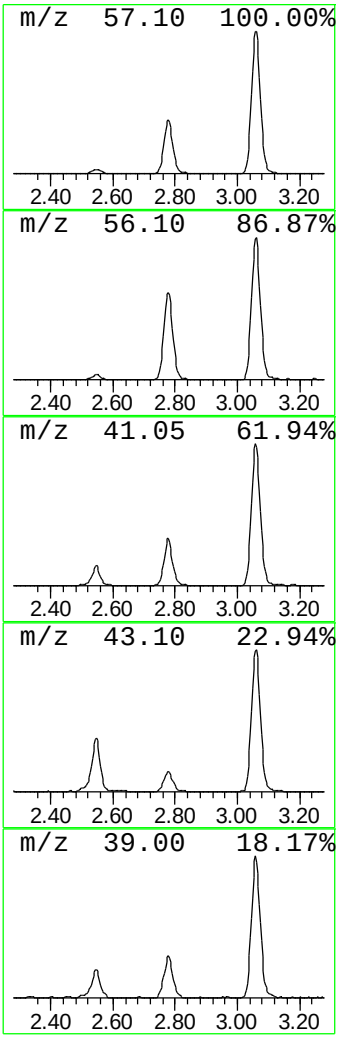
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	7.53 ug/L	117266	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

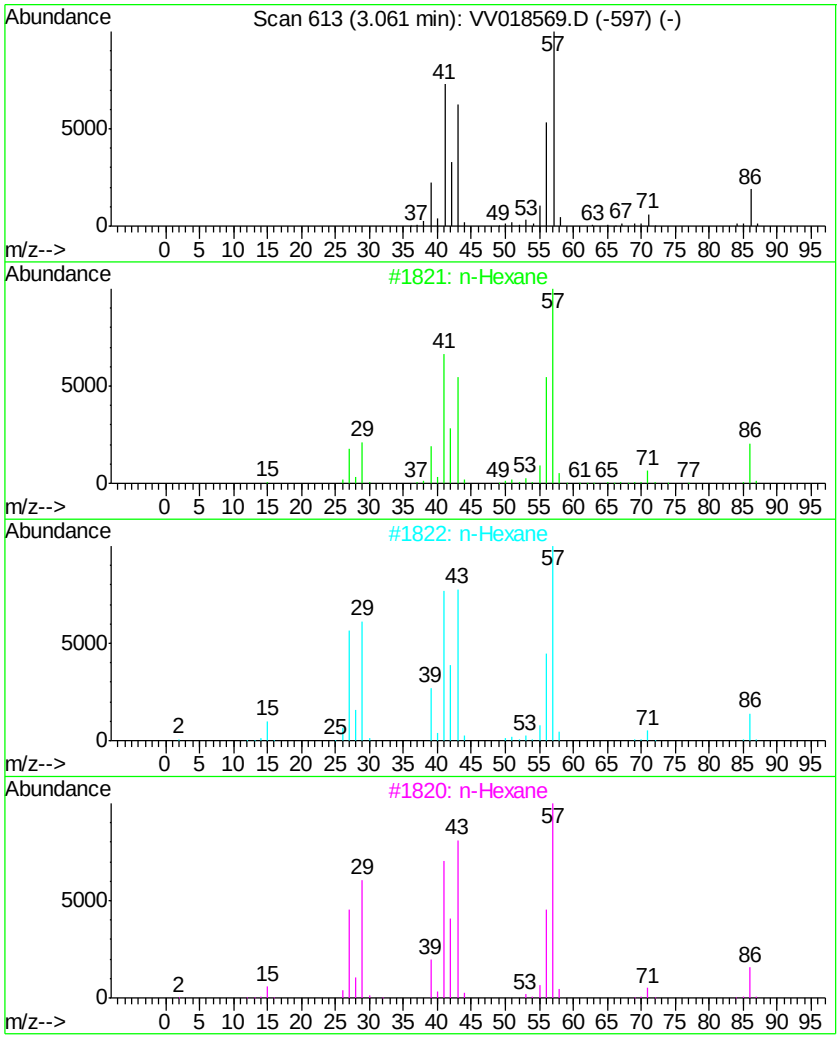
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

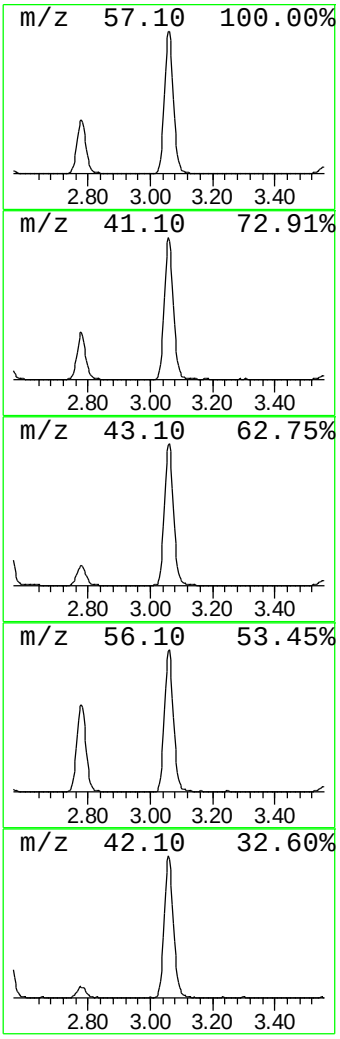
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	23.50 ug/L	366092	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	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

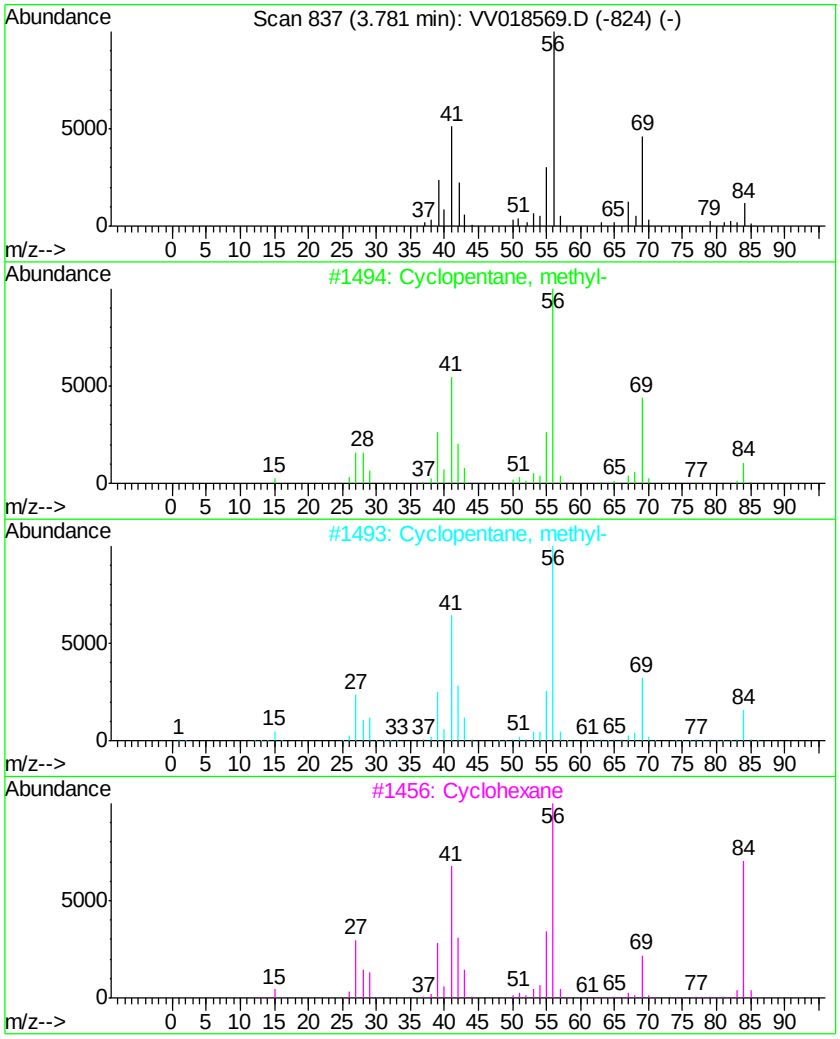
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

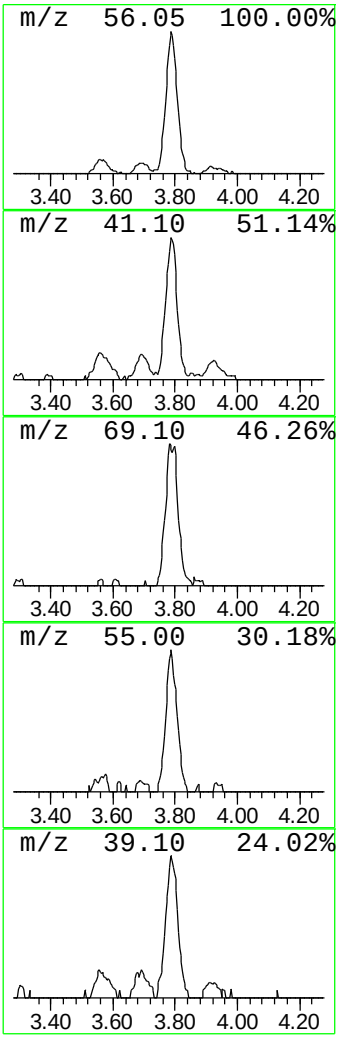
****

Peak Number 4 (DEL) Alkane: Cyclic3.78 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	4.93 ug/L	76800	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5	Cyclohexane	84	C6H12	000110-82-7	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

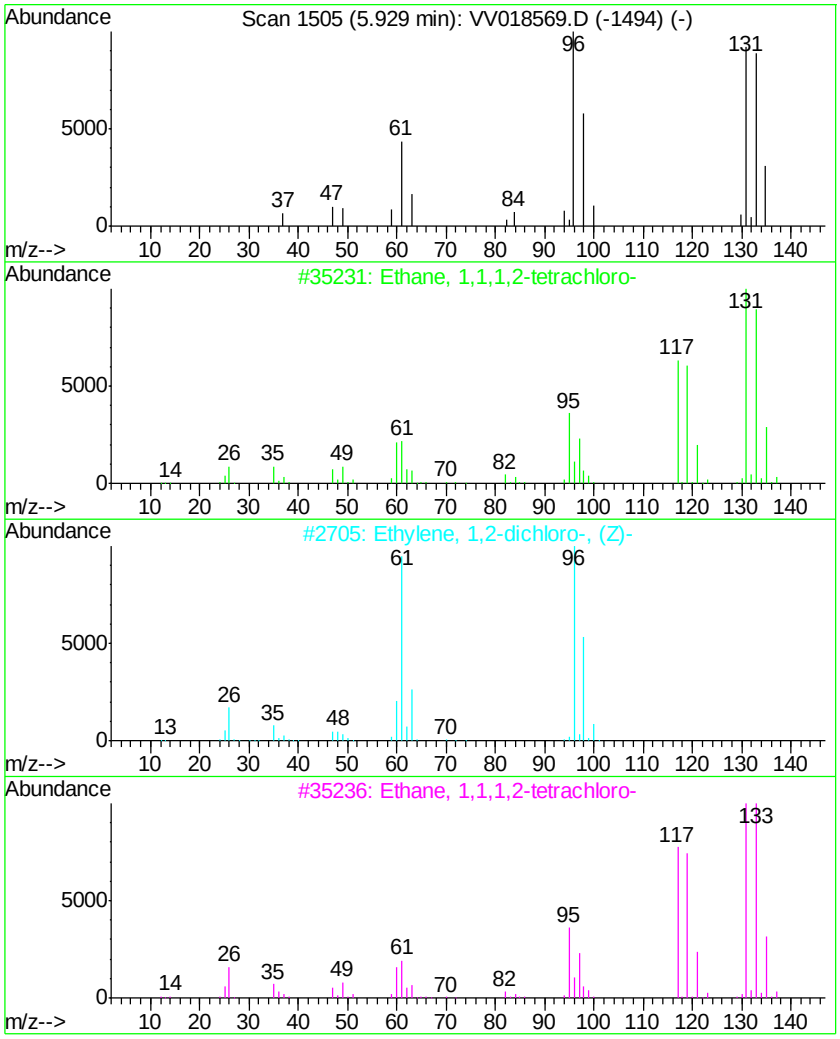
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

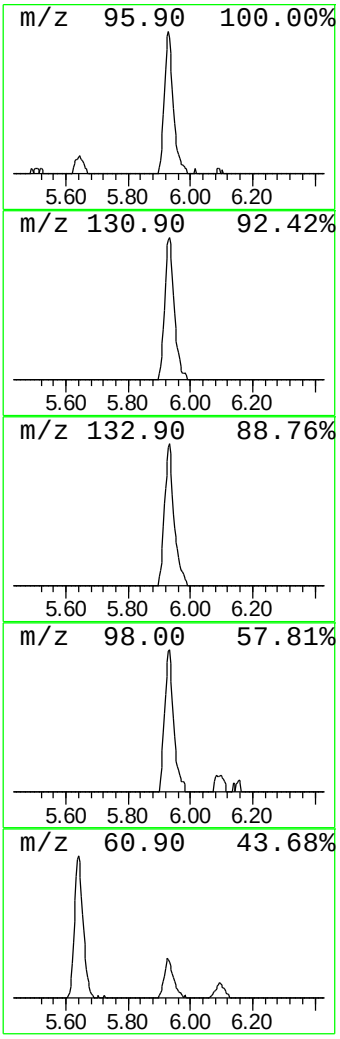
****

Peak Number 5 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.50 ug/L	38940	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

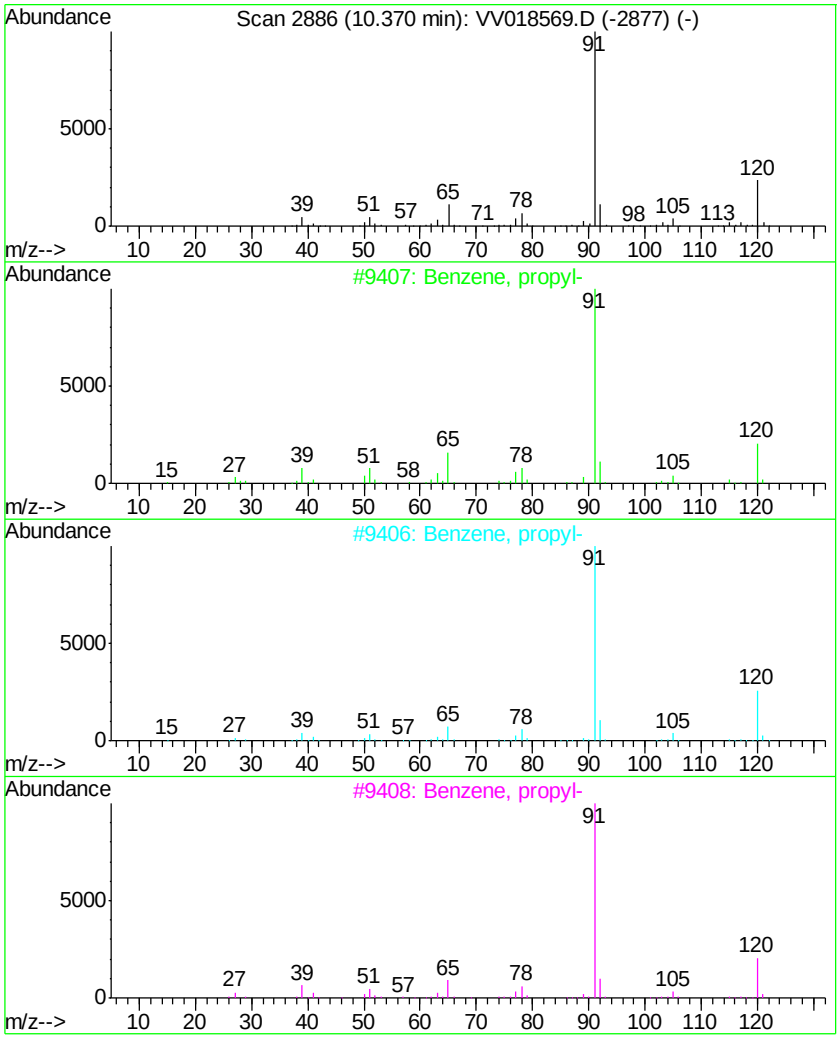
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

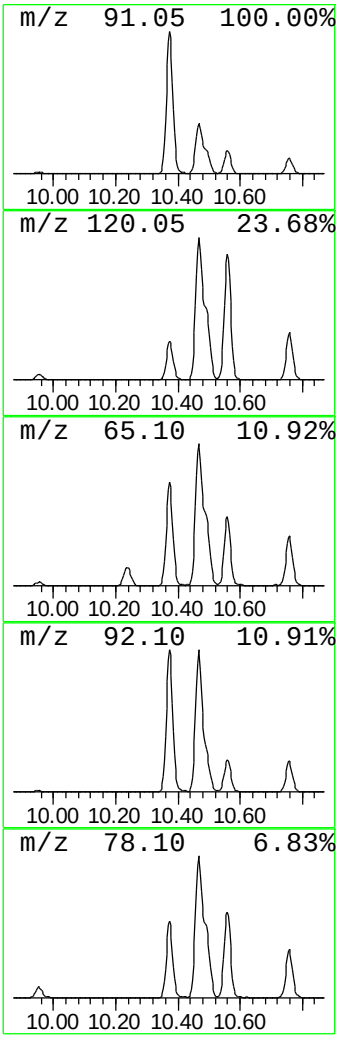
****

Peak Number 7 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	28.51 ug/L	673878	1,4-Dichlorobenzene-d4	11.27

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

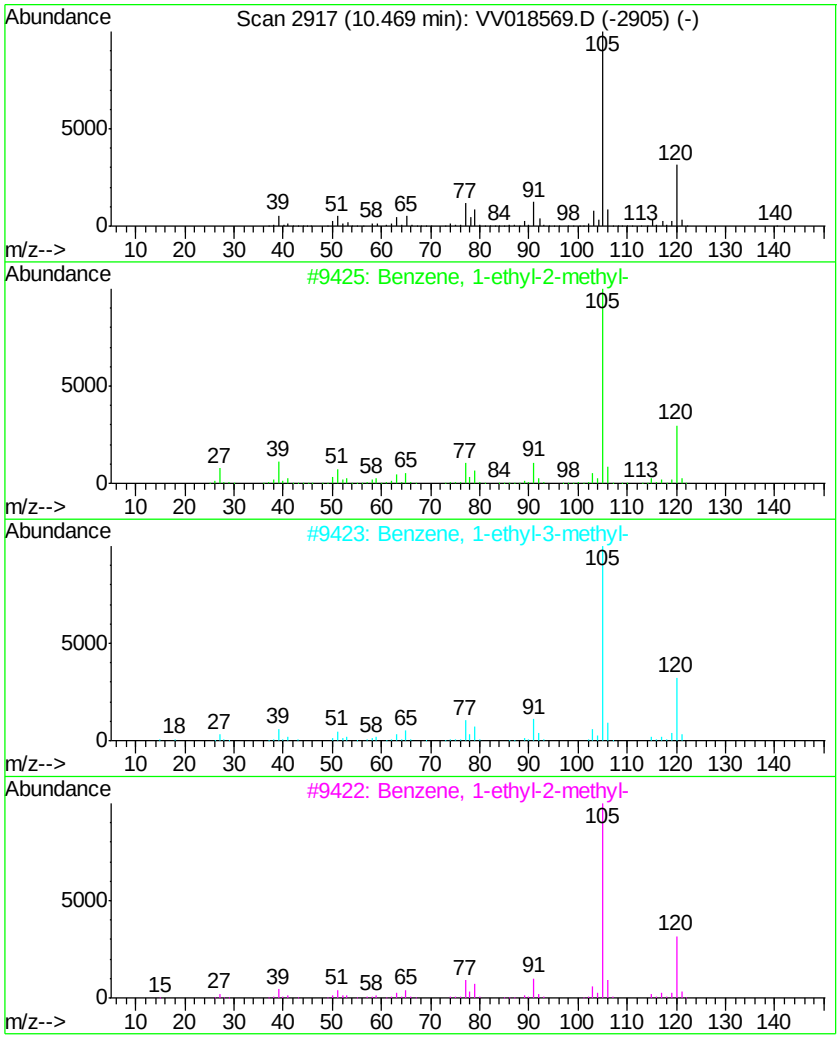
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

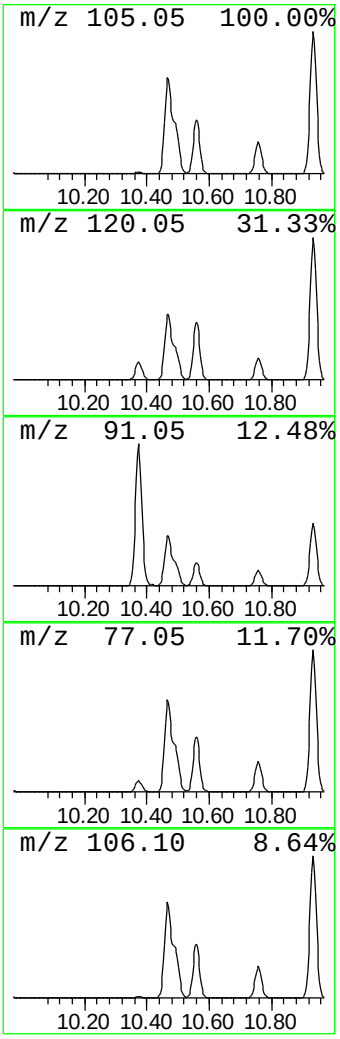
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	141.41 ug/L	3342380	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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

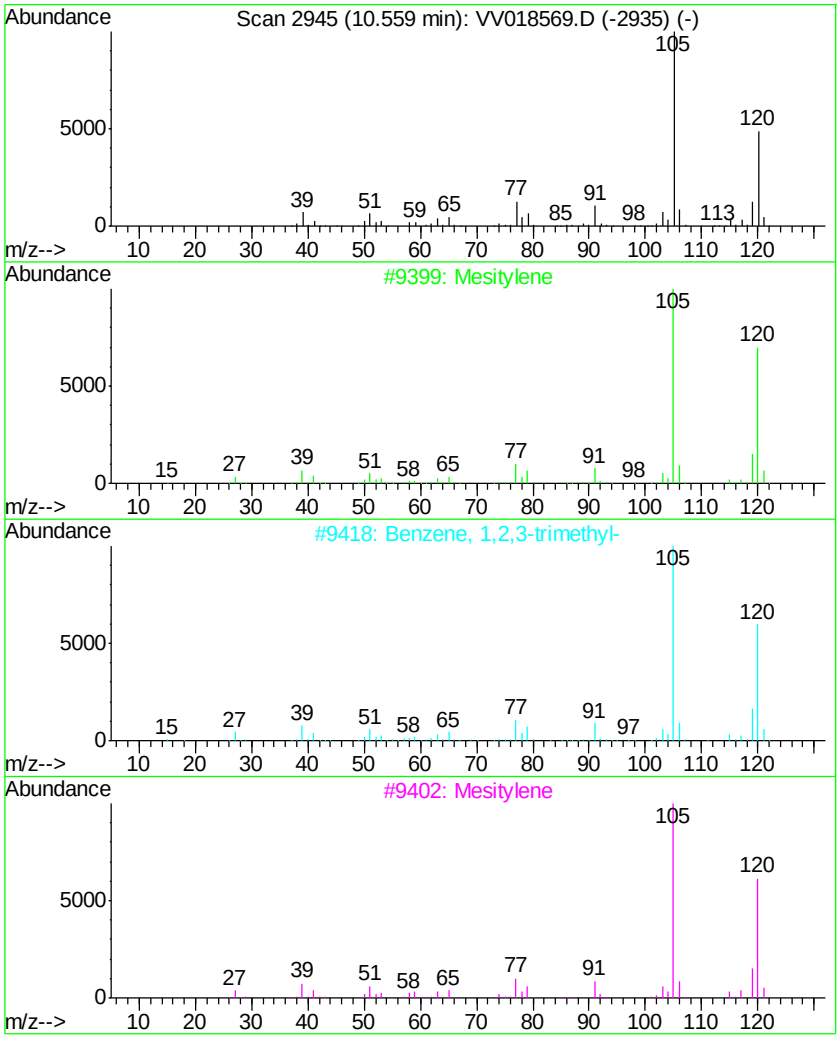
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

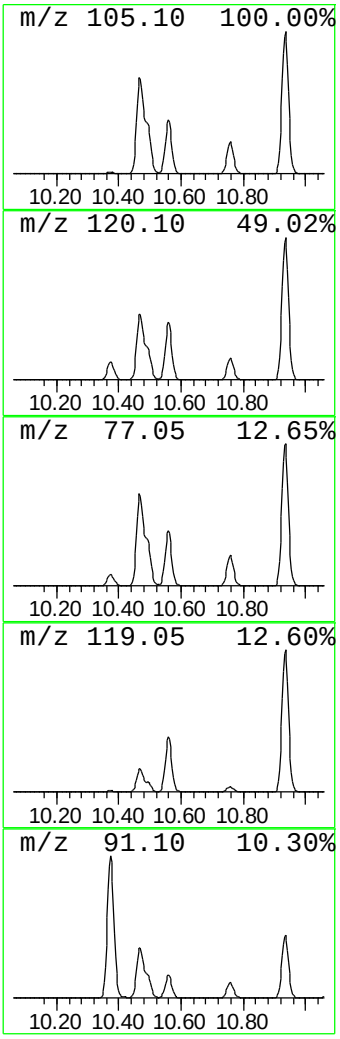
****

Peak Number 9 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	59.47 ug/L	1405780	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	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

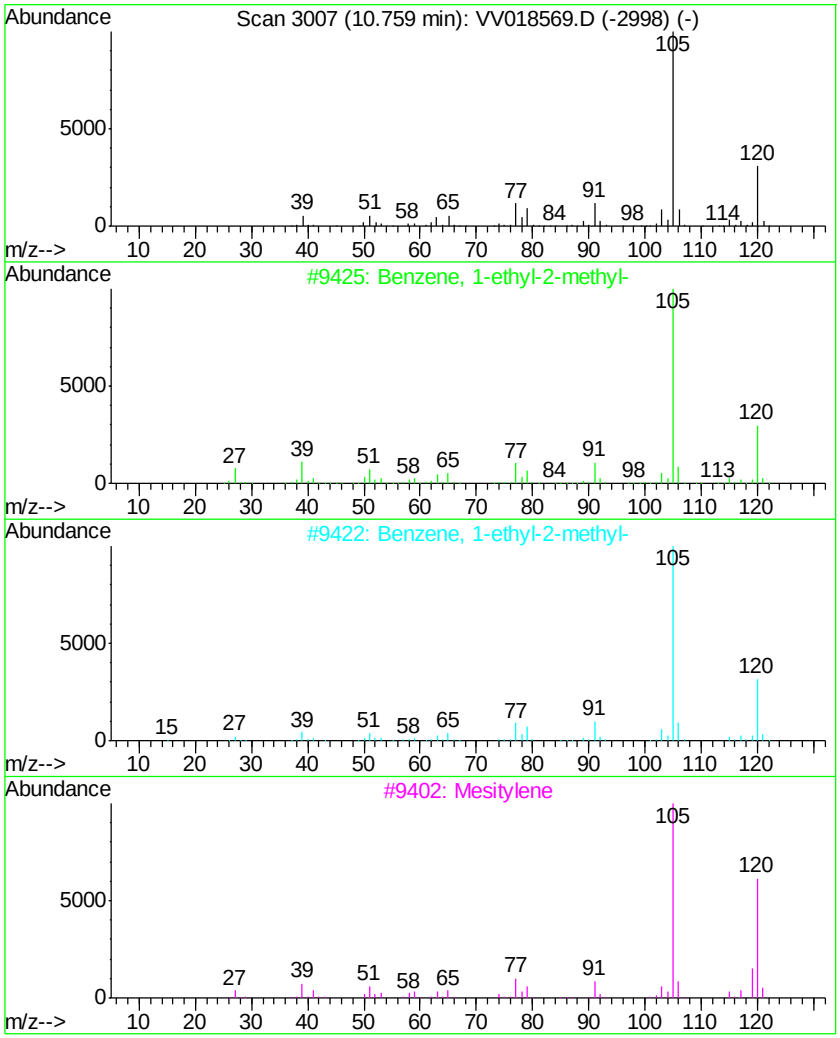
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

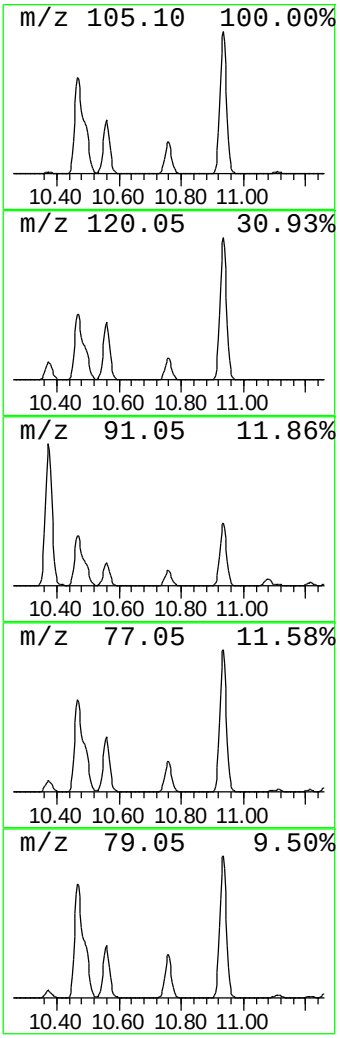
****

Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	33.31 ug/L	787320	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	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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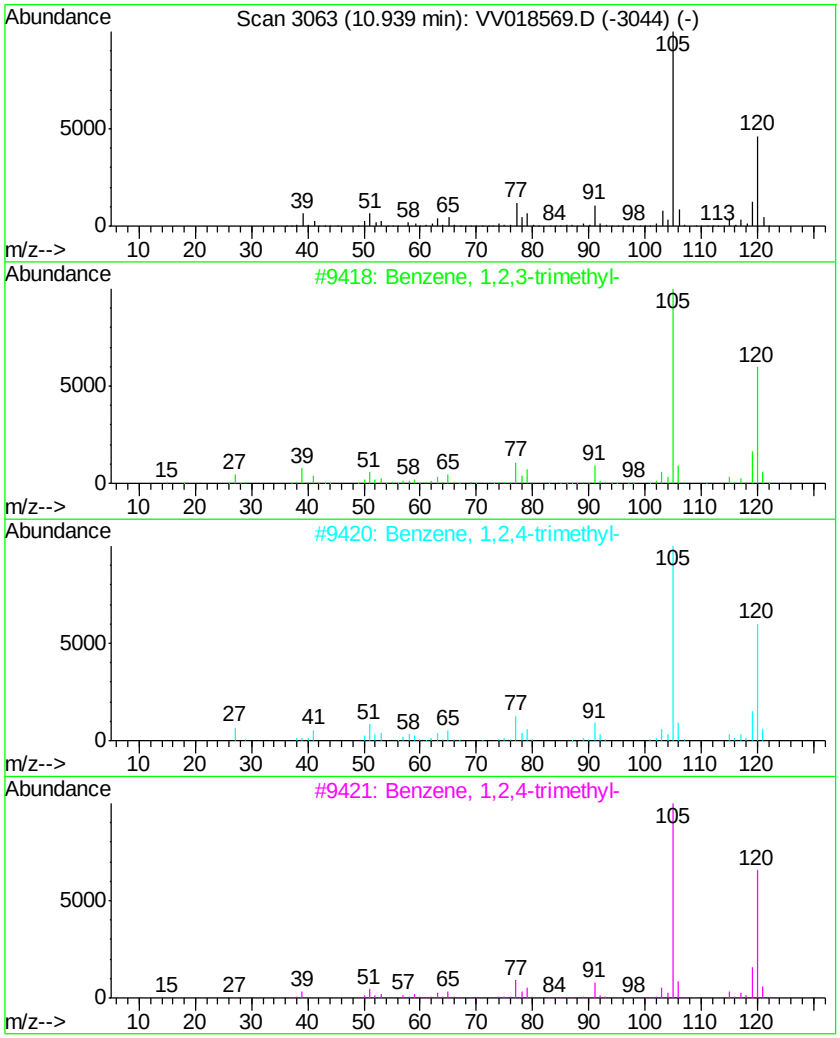
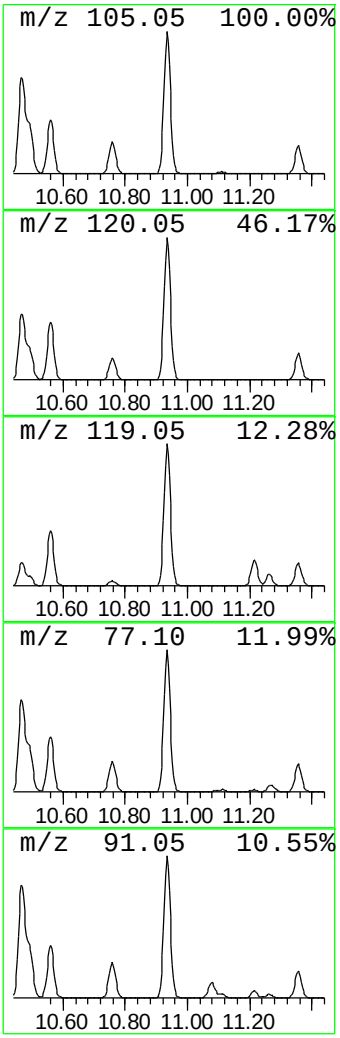
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	164.43 ug/L	3886660	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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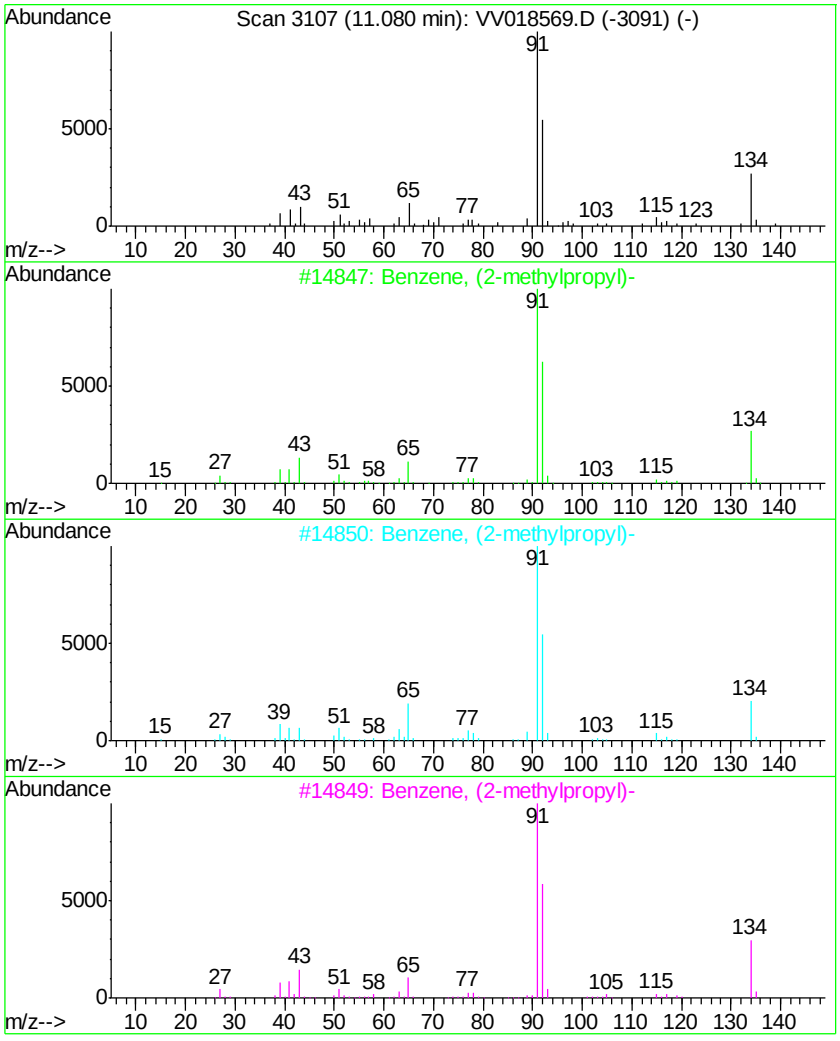
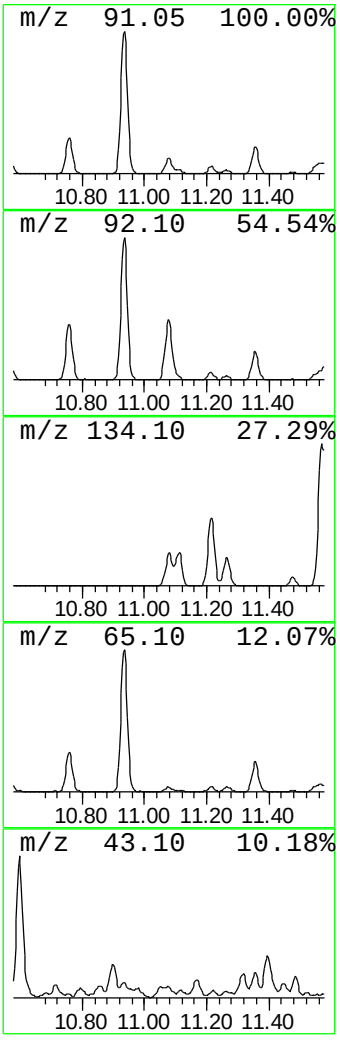
Peak Number 12 Benzene, (2-methylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.81 ug/L	66402	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	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, butyl-	134	C10H14	000104-51-8	78
5	Benzene, butyl-	134	C10H14	000104-51-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

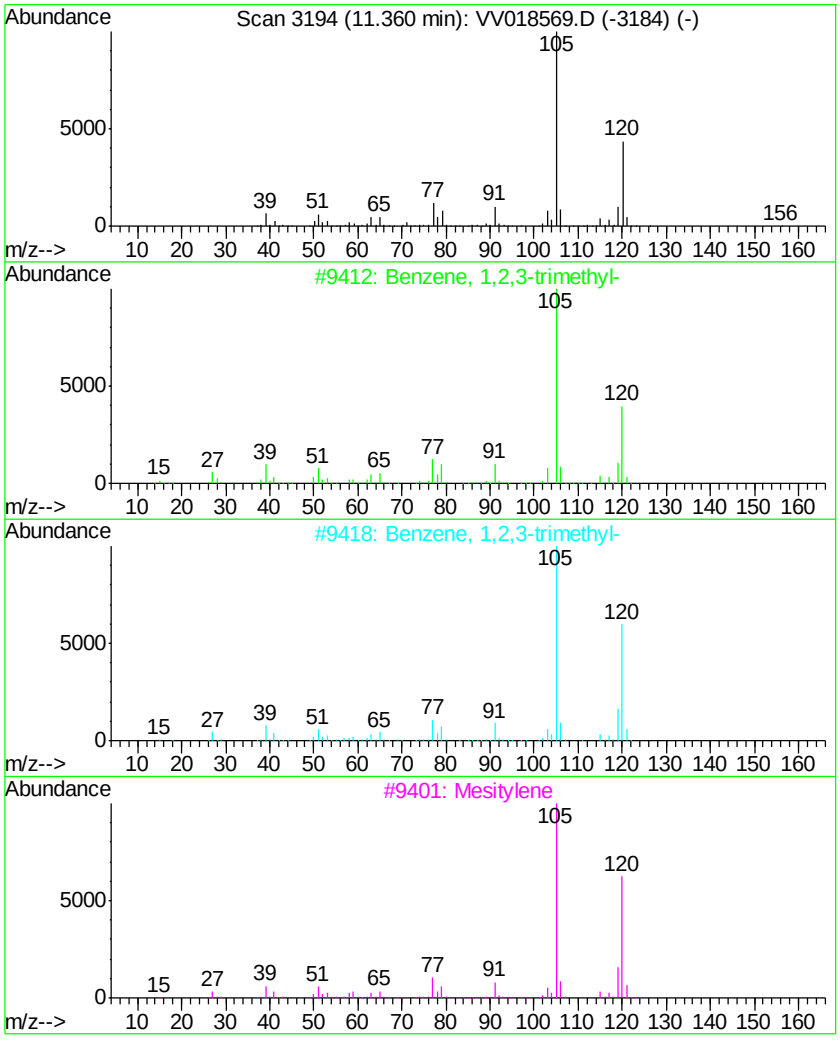
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

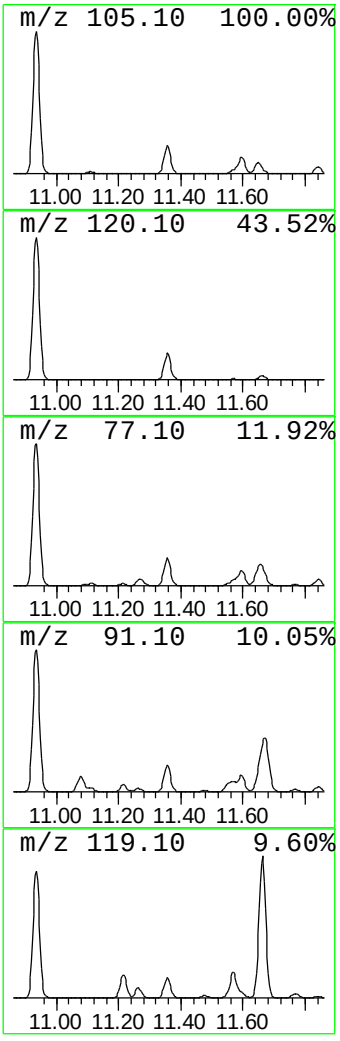
****

Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	30.96 ug/L	731886	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

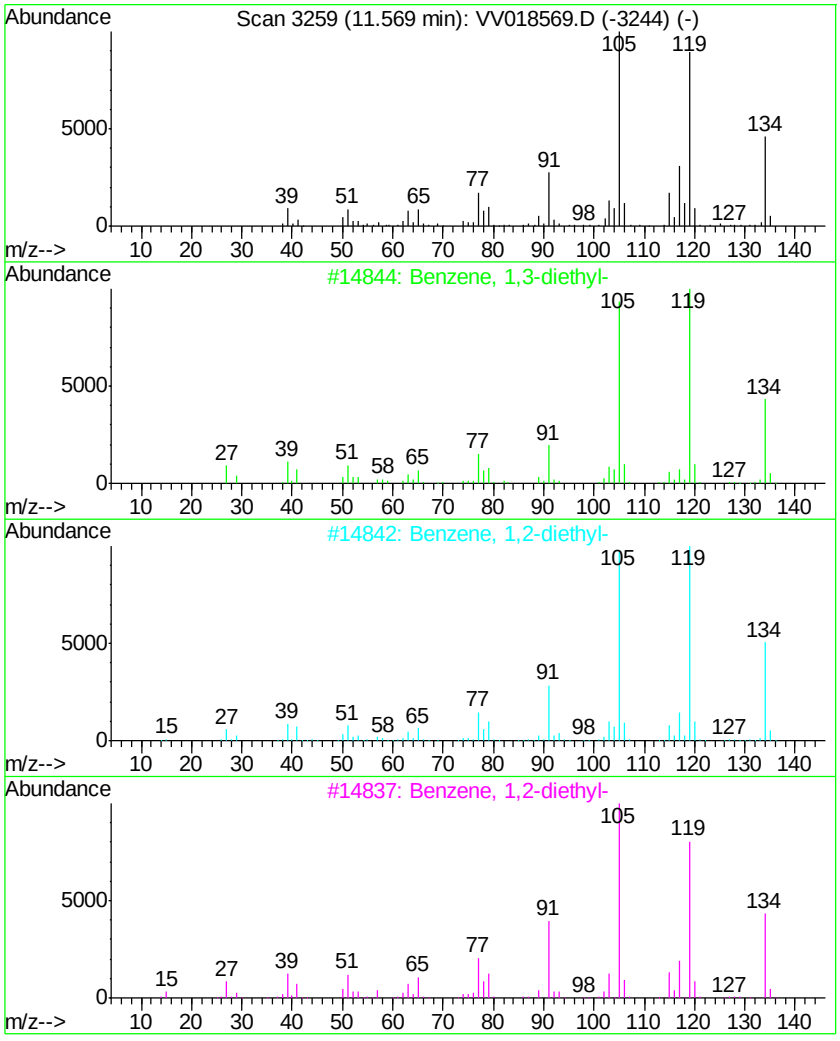
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

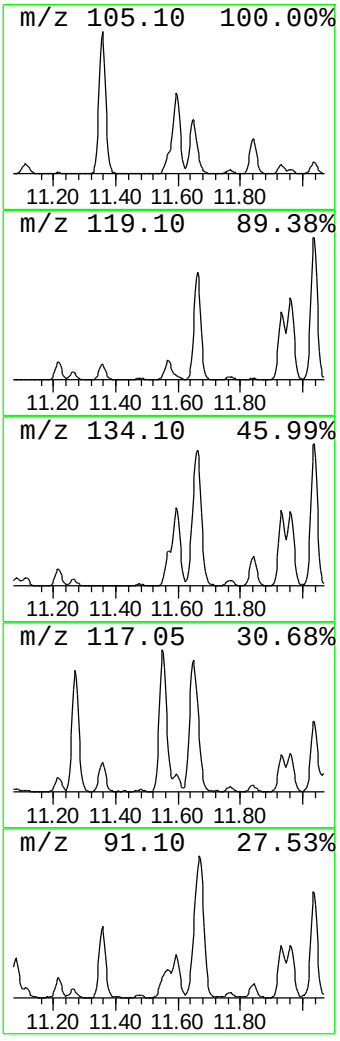
****

Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	11.38 ug/L	269057	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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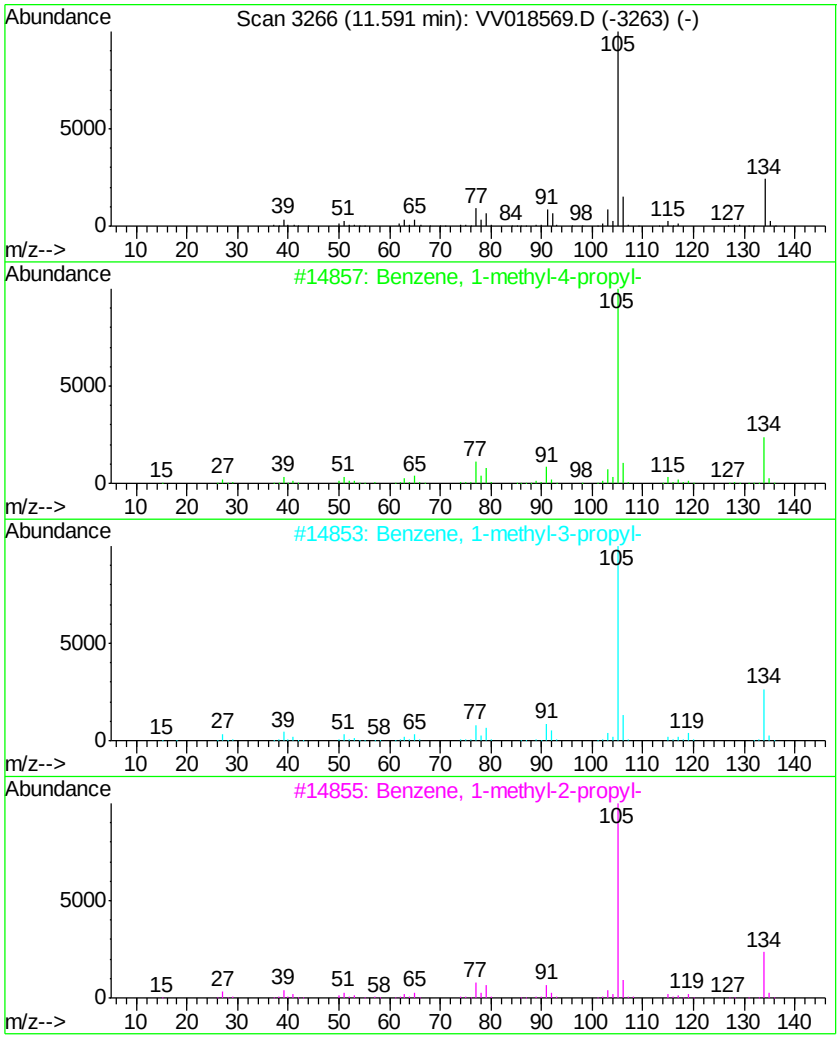
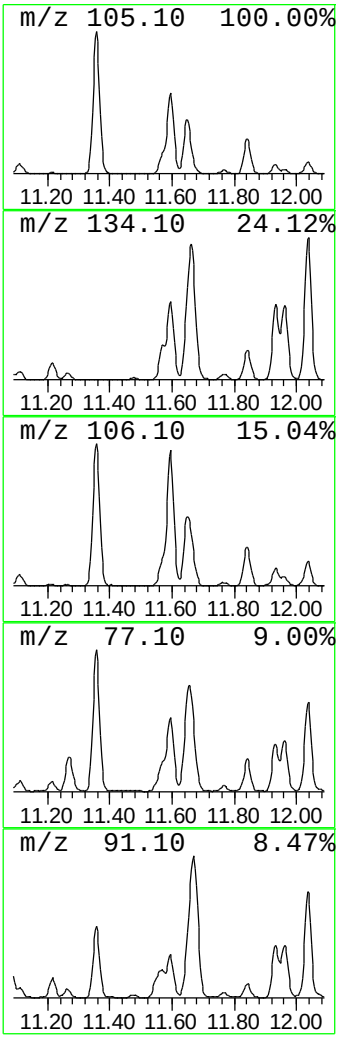
Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	14.82 ug/L	350268	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	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

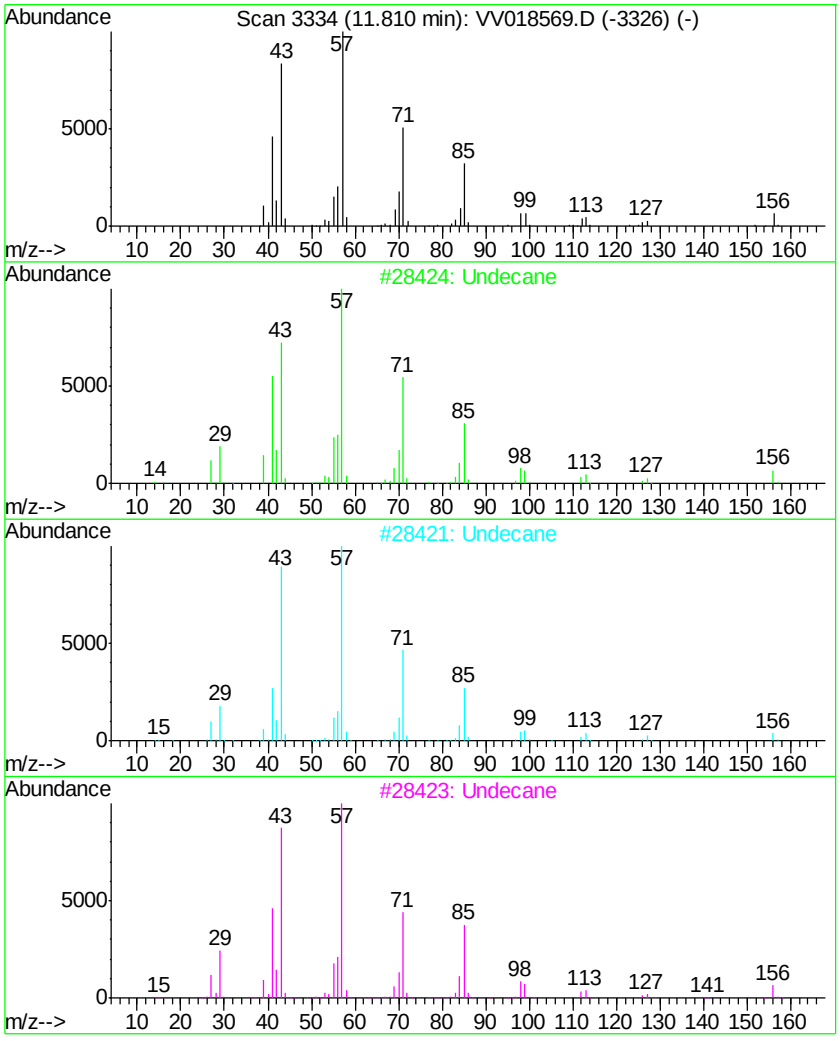
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

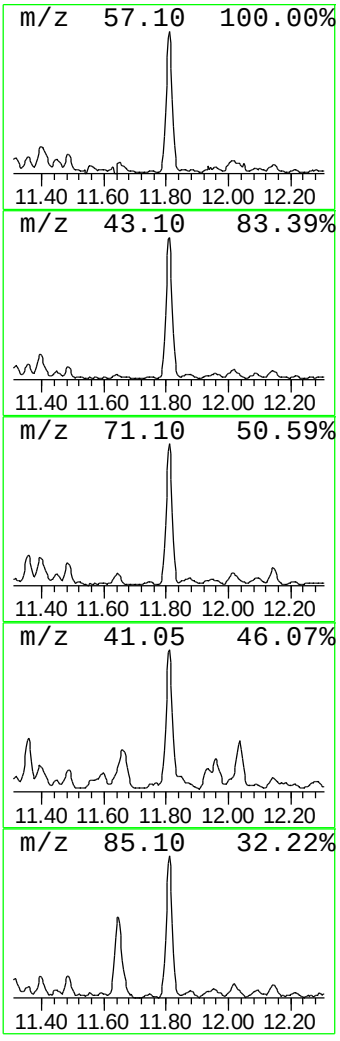
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.58 ug/L	202758	1,4-Dichlorobenzene-d4	11.27

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	95
4	Decane	142	C10H22	000124-18-5	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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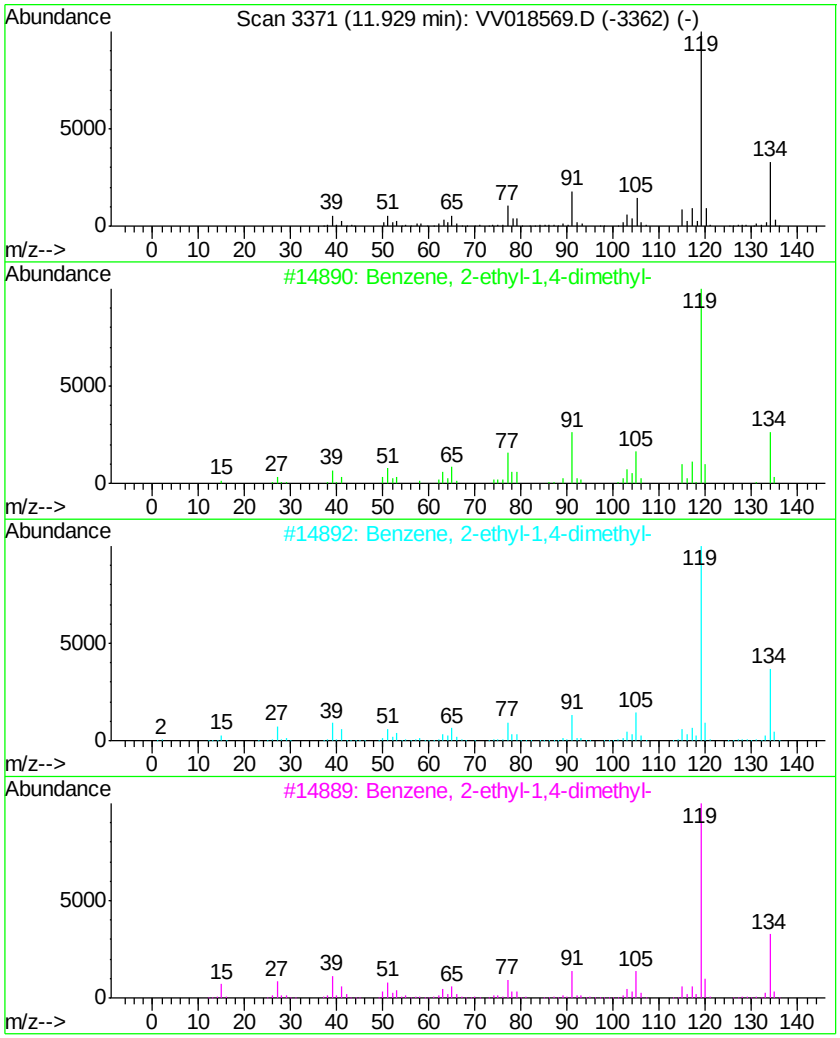
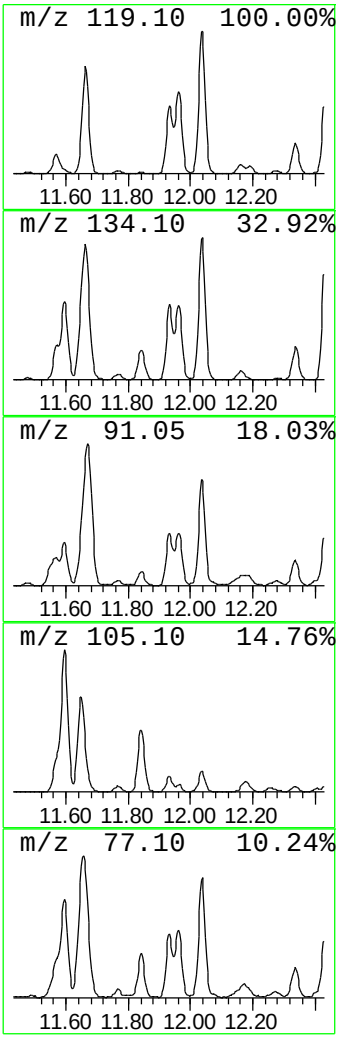
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	13.71 ug/L	324149	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	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 : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

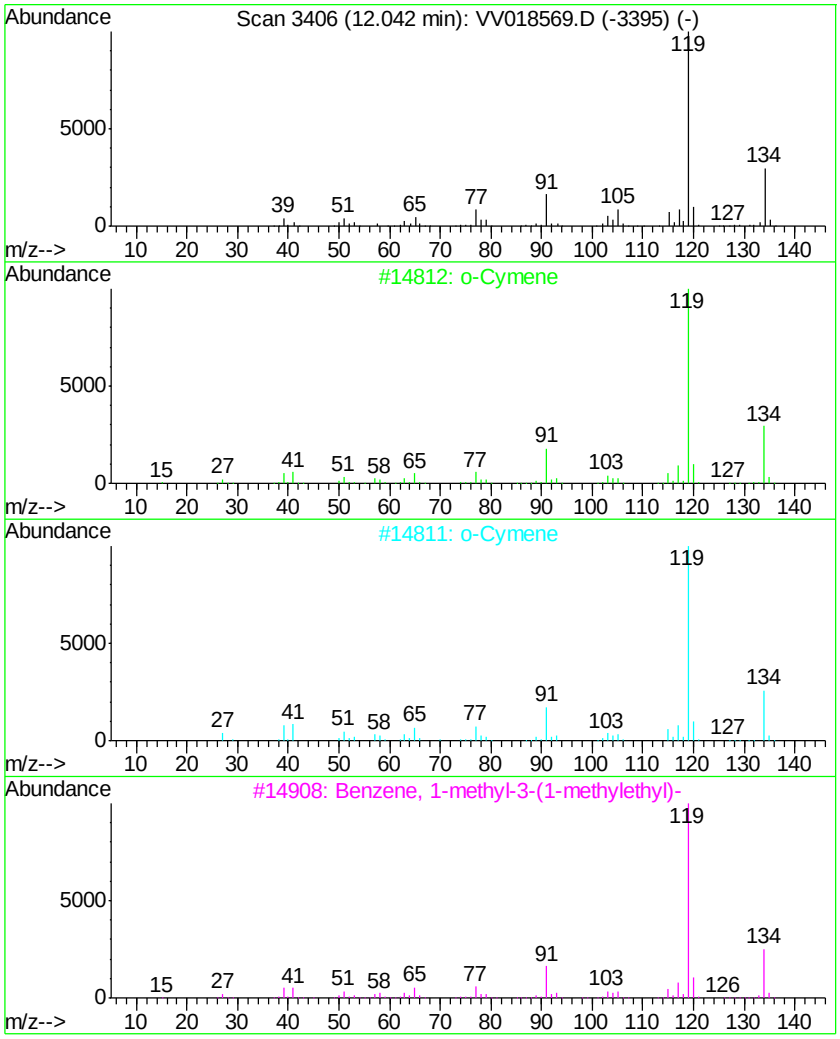
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

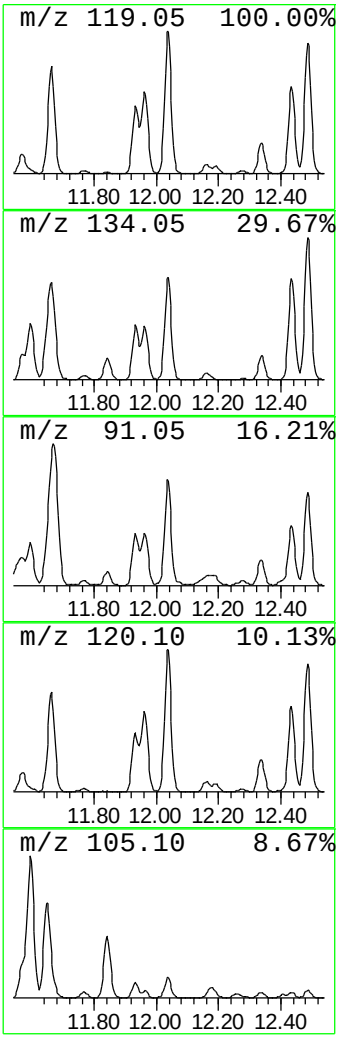
****

Peak Number 18 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	29.08 ug/L	687239	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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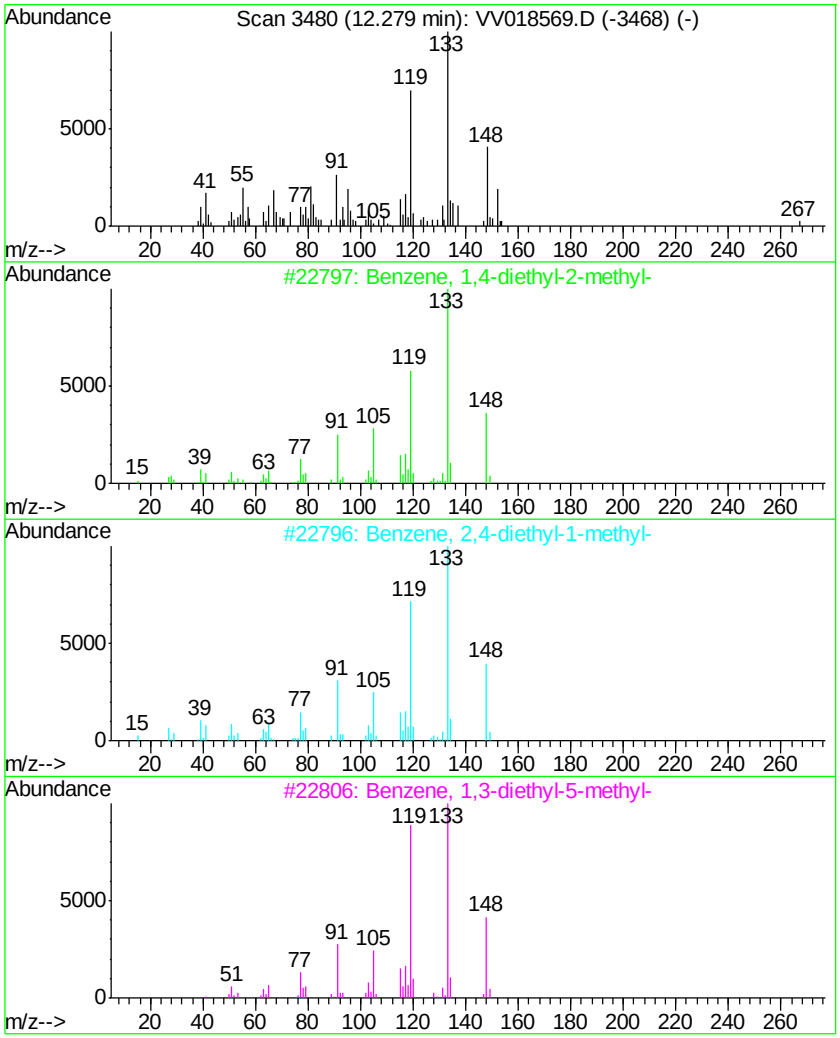
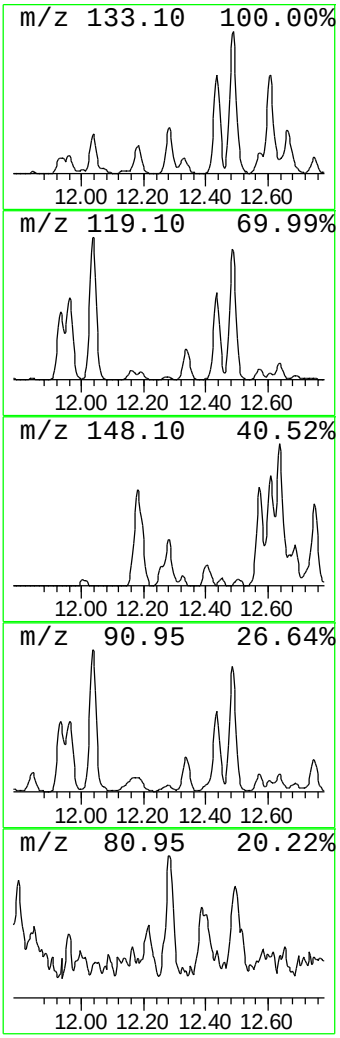
Peak Number 19 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.51 ug/L	59273	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	89
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	68
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	60
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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

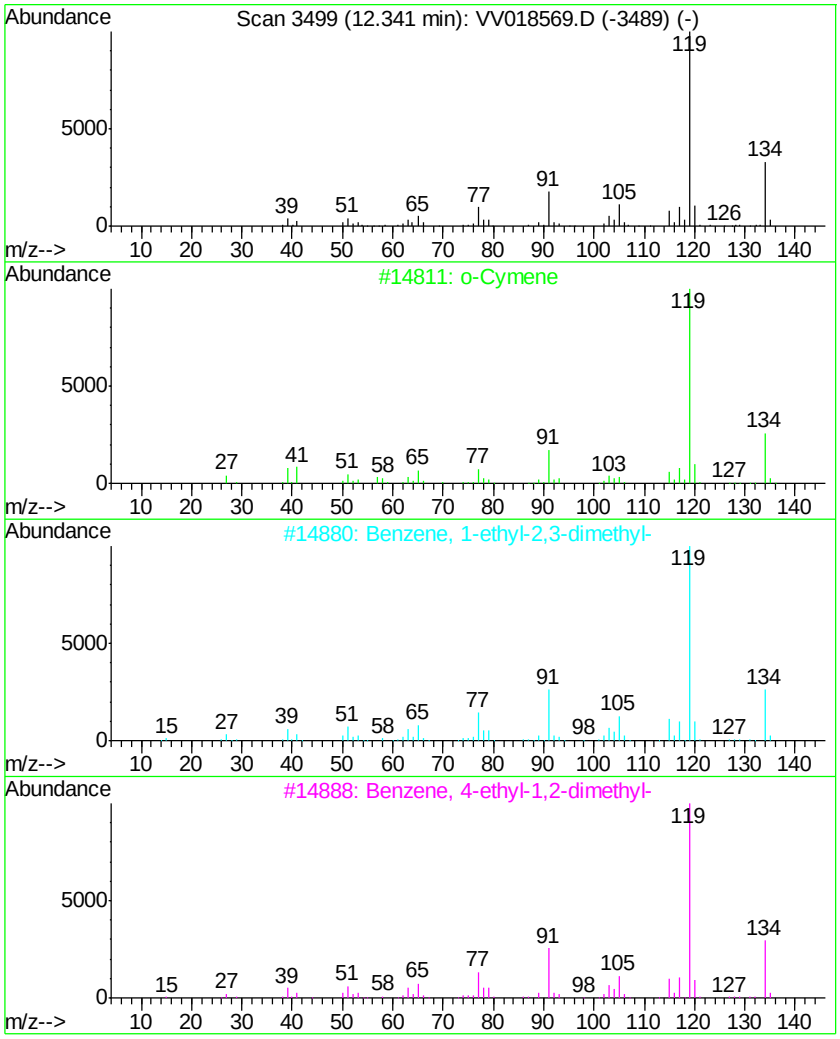
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

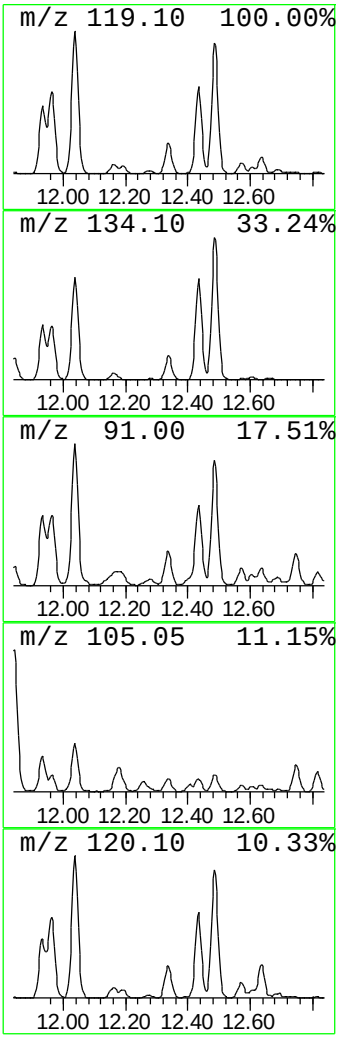
****

Peak Number 20 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	6.47 ug/L	152928	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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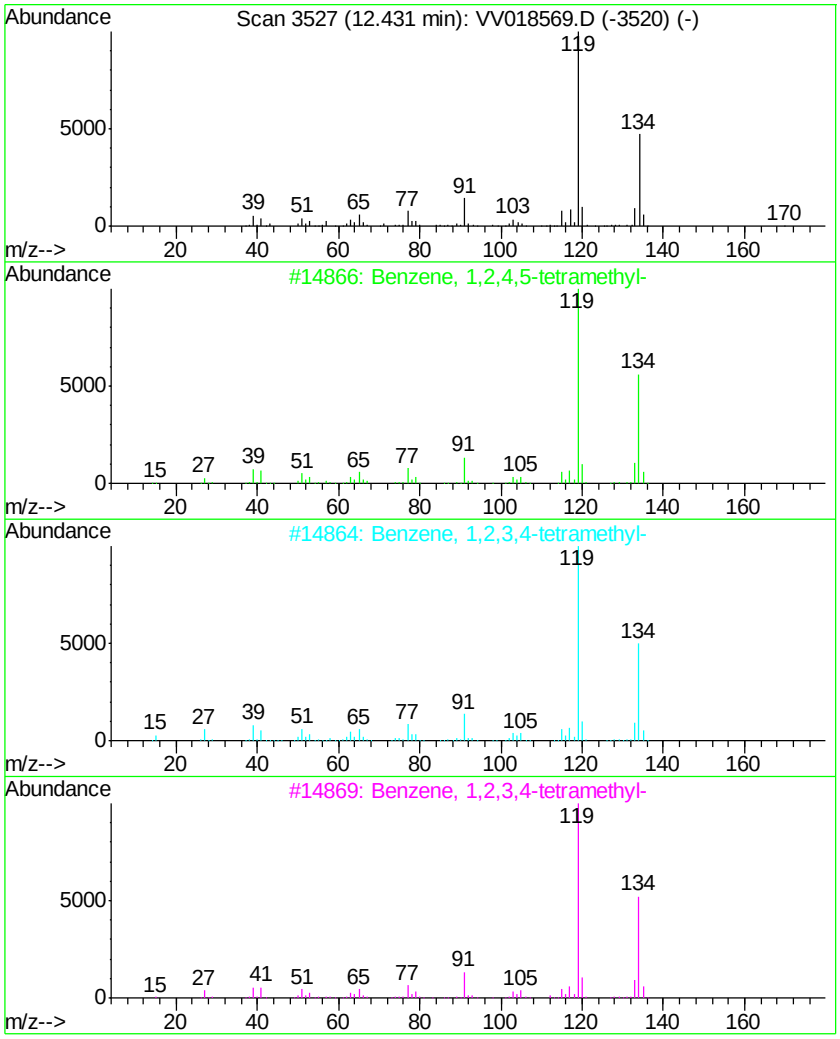
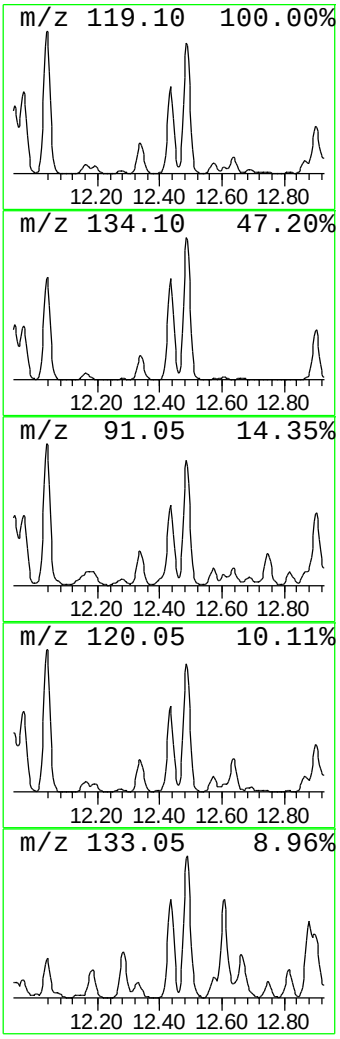
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	16.65 ug/L	393591	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	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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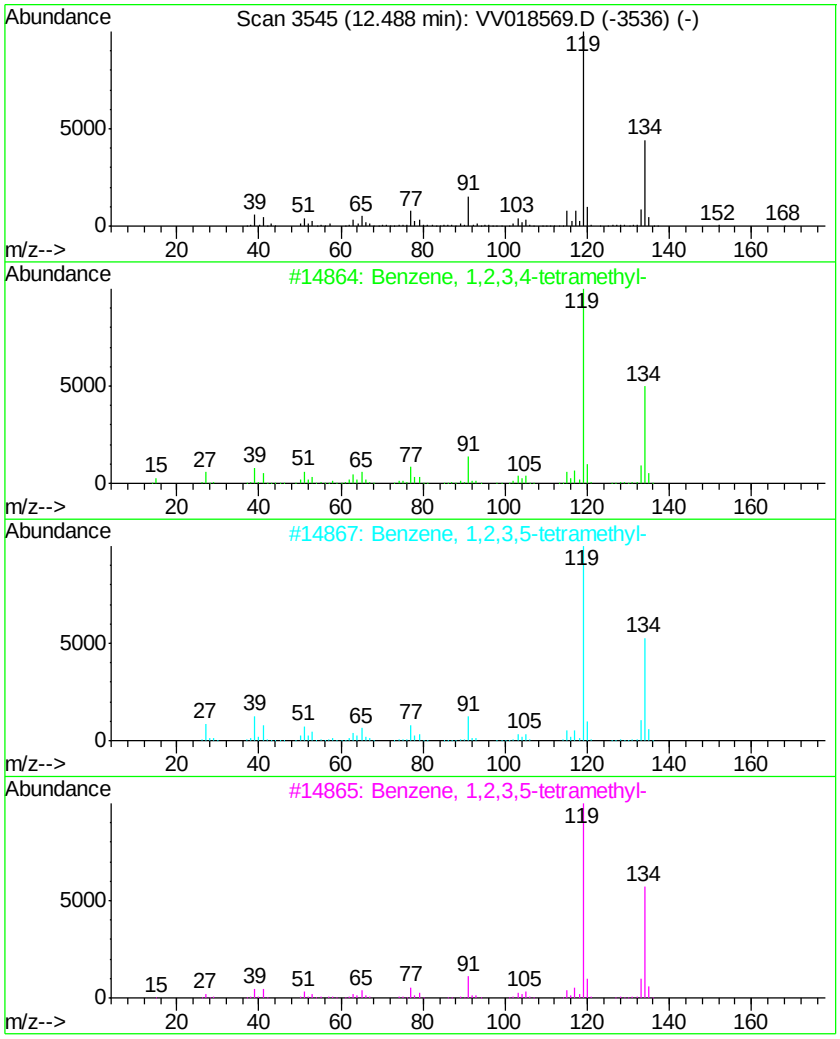
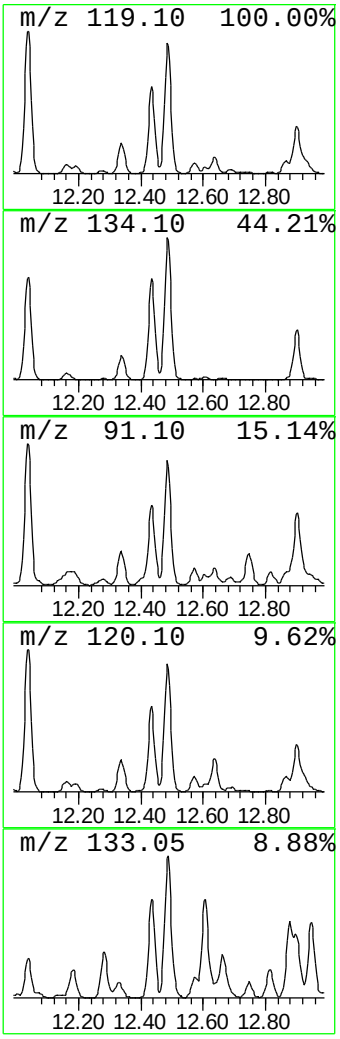
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	28.54 ug/L	674672	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	95
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	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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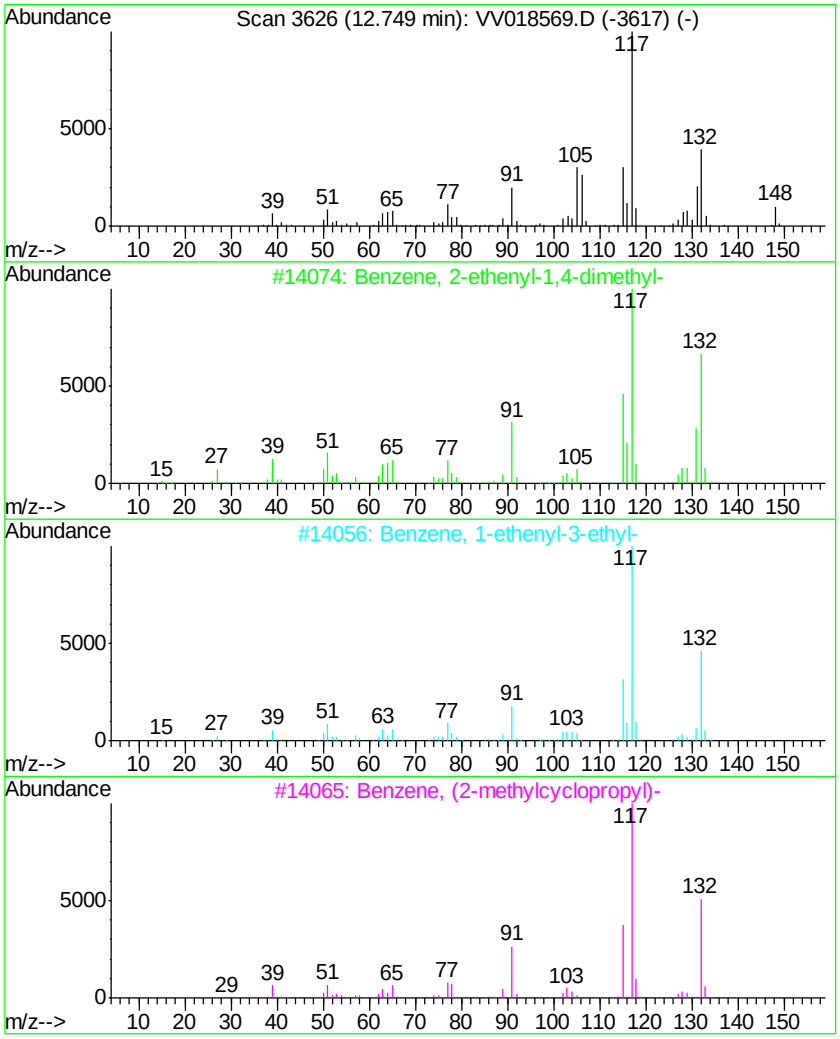
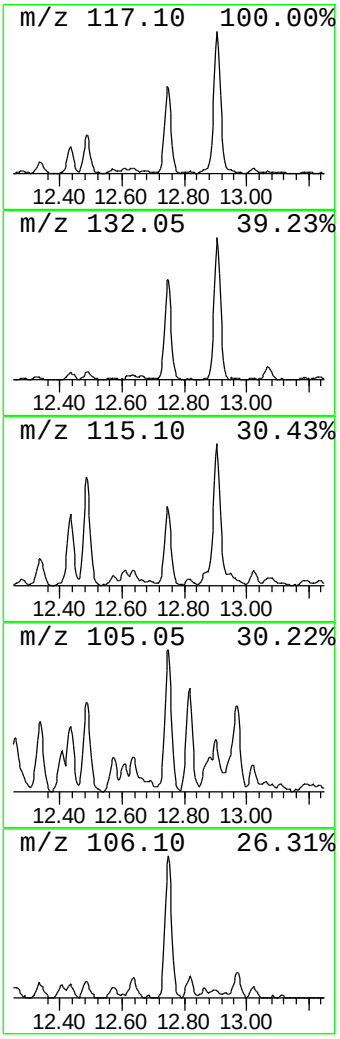
Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	8.43 ug/L	199222	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-3-ethyl-	132	C10H12	007525-62-4	93
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	92
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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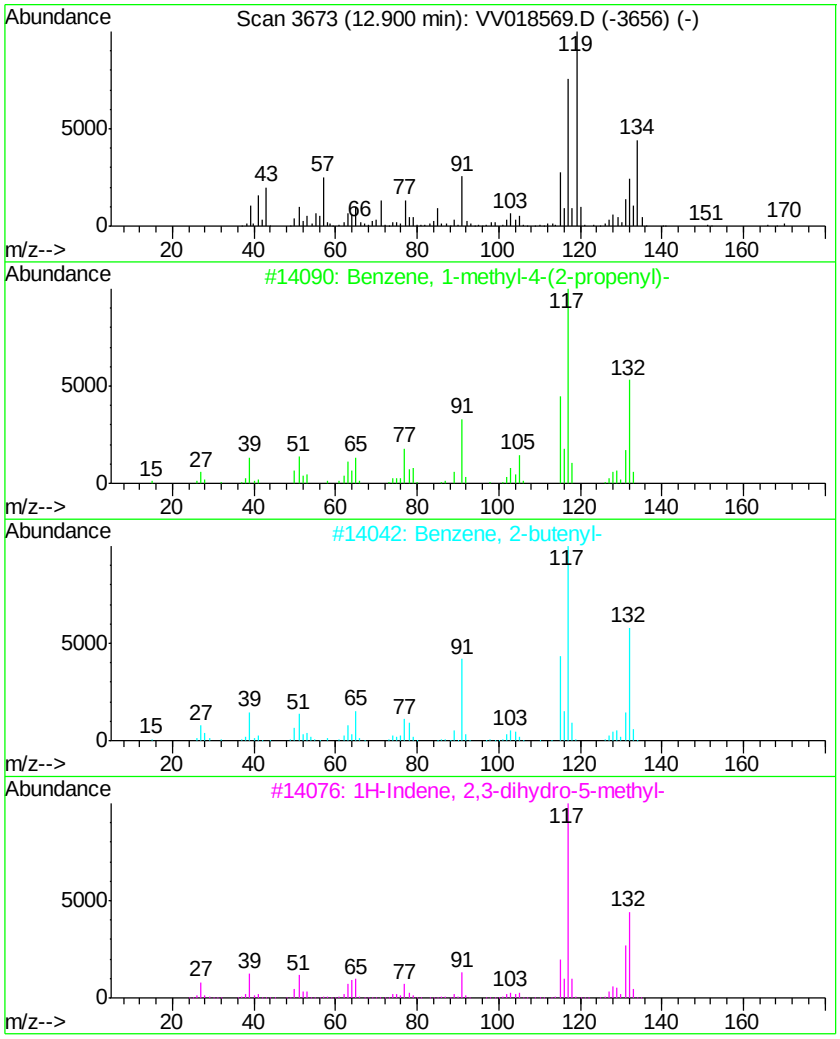
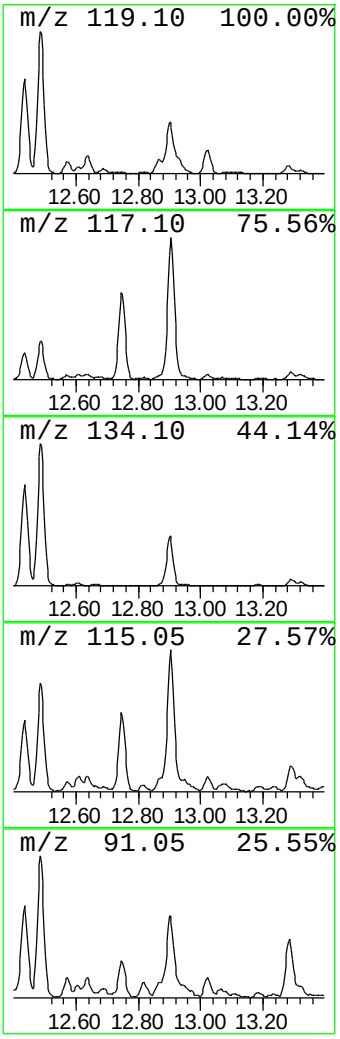
Peak Number 24 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	33.14 ug/L	783398	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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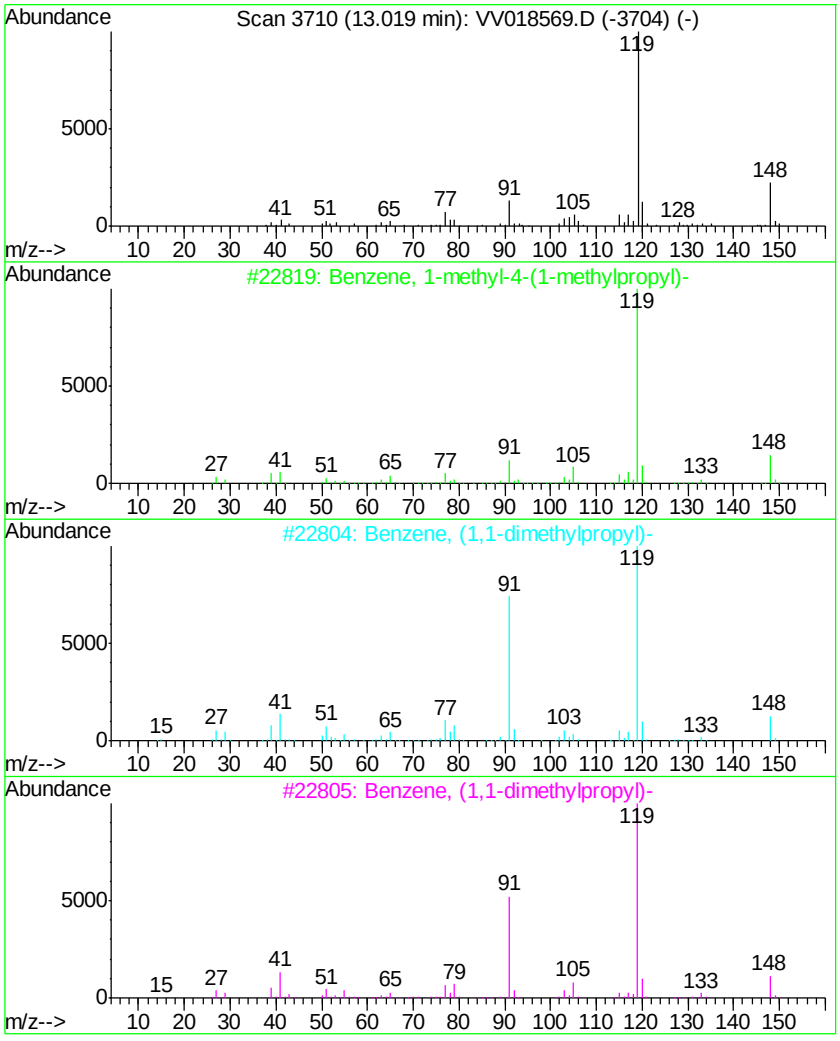
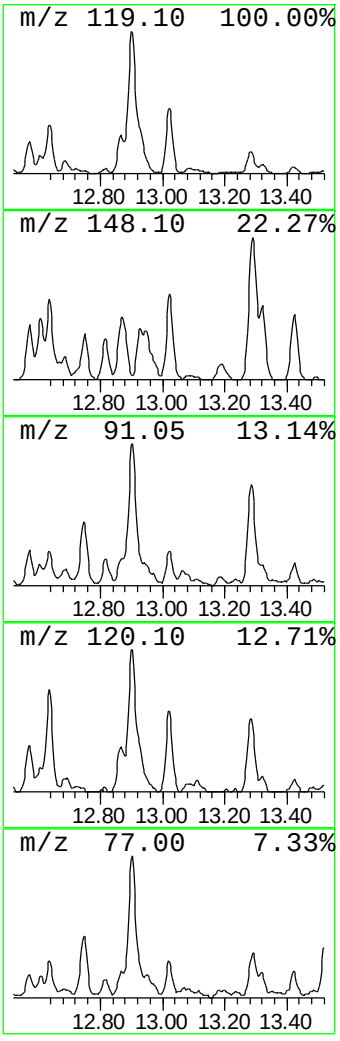
Peak Number 25 Benzene, 1-methyl-4-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.87 ug/L	91445	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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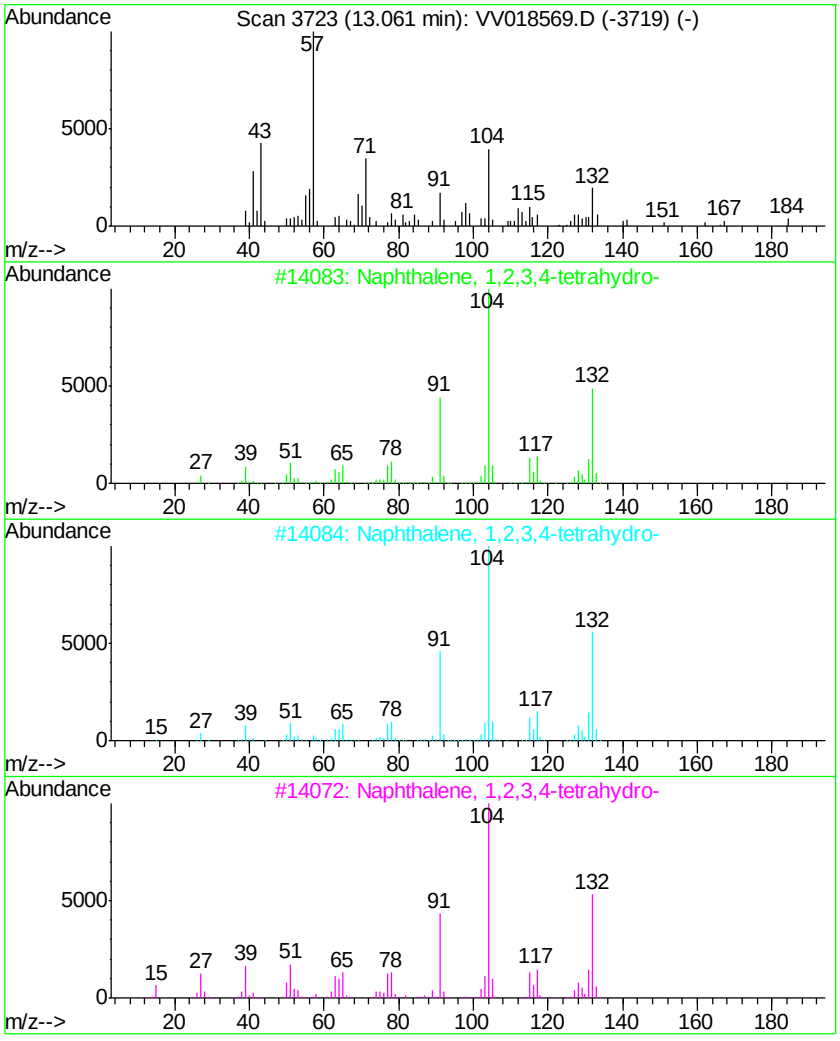
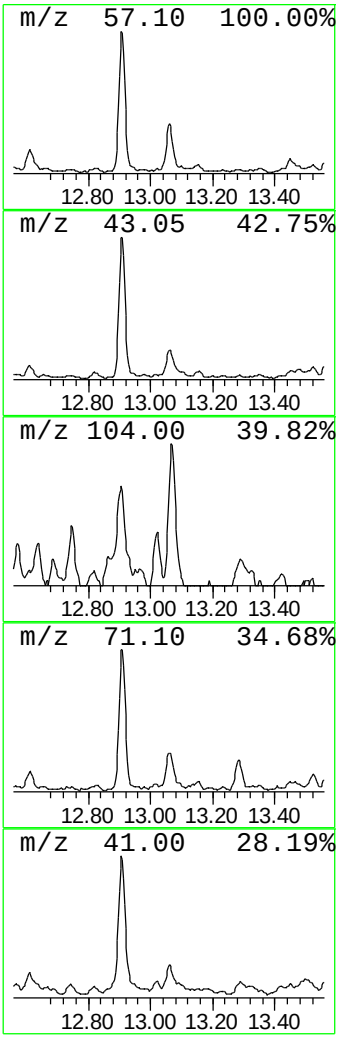
Peak Number 26 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.12 ug/L	97277	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	42
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	38
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	38
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	30
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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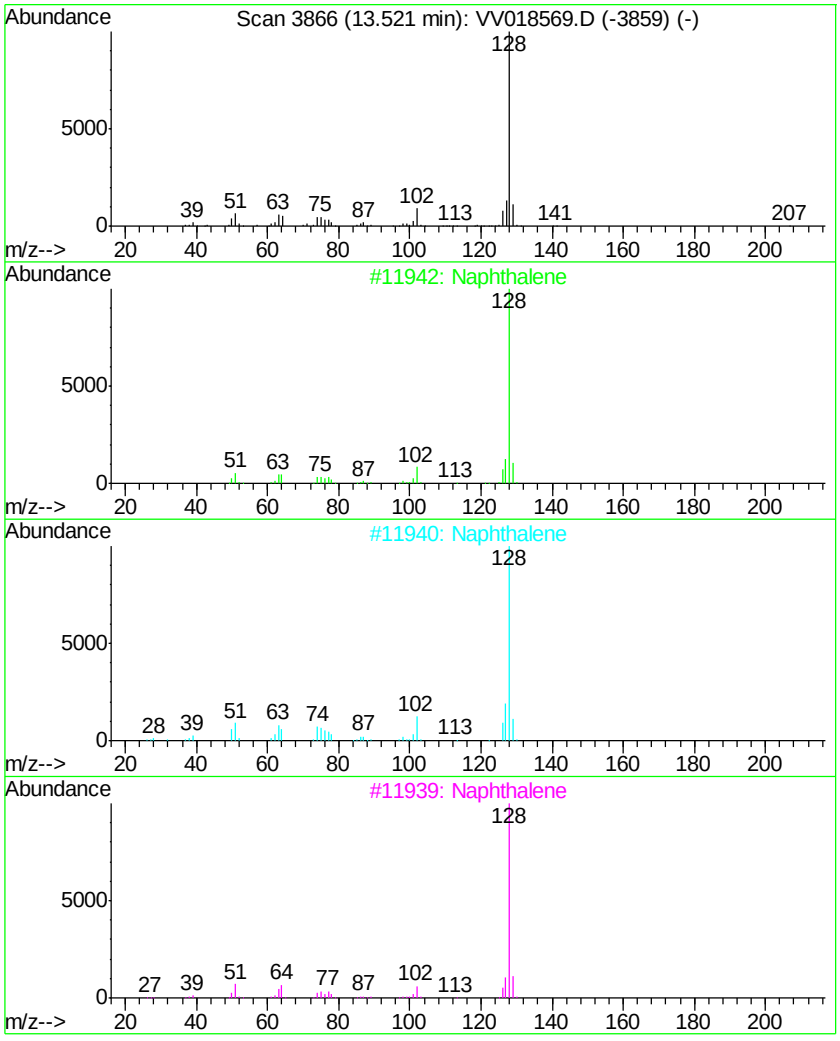
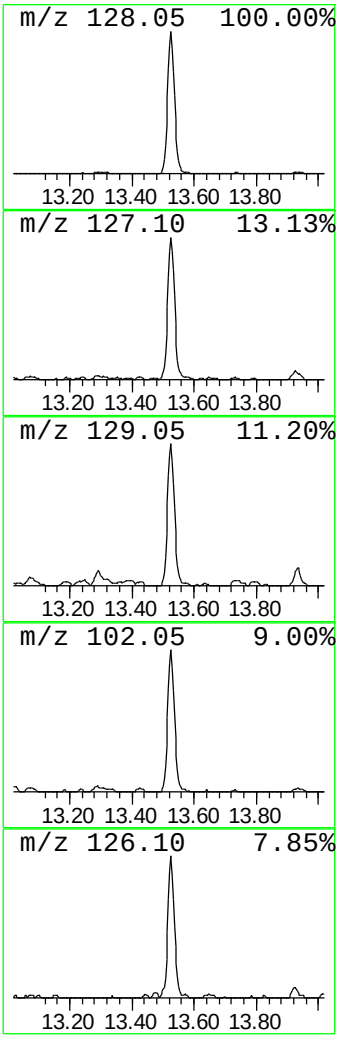
Peak Number 27 Azulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	11.48 ug/L	271413	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	91
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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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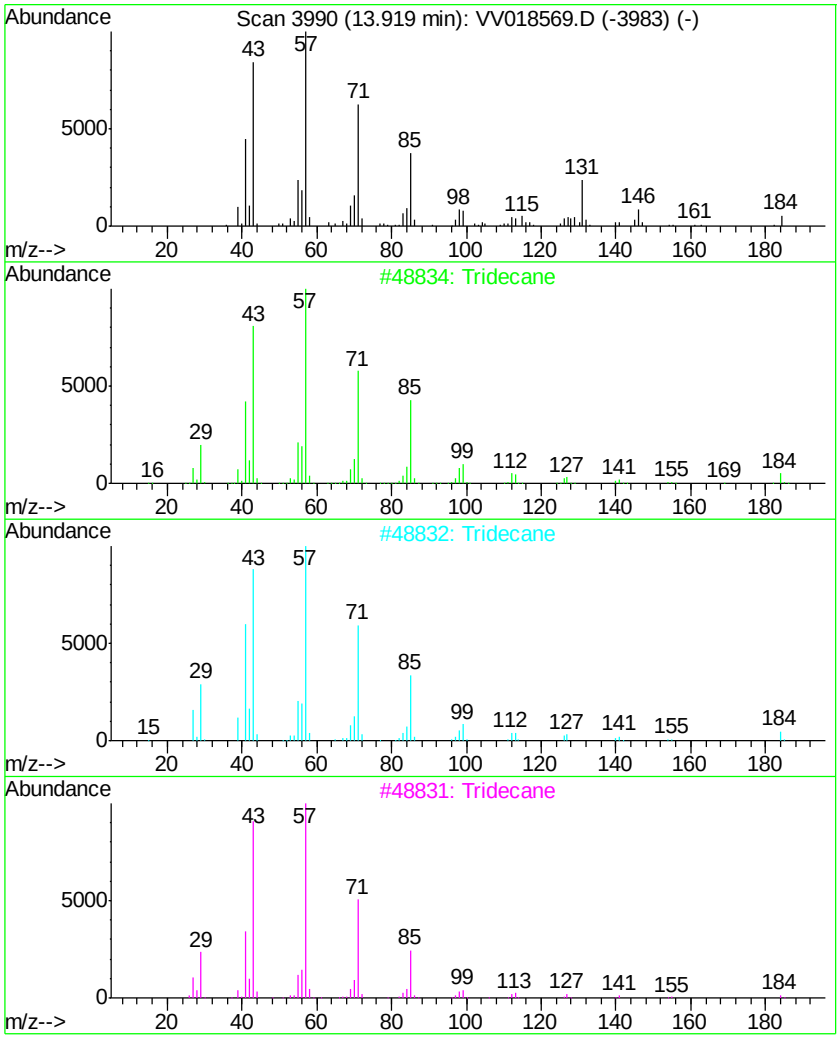
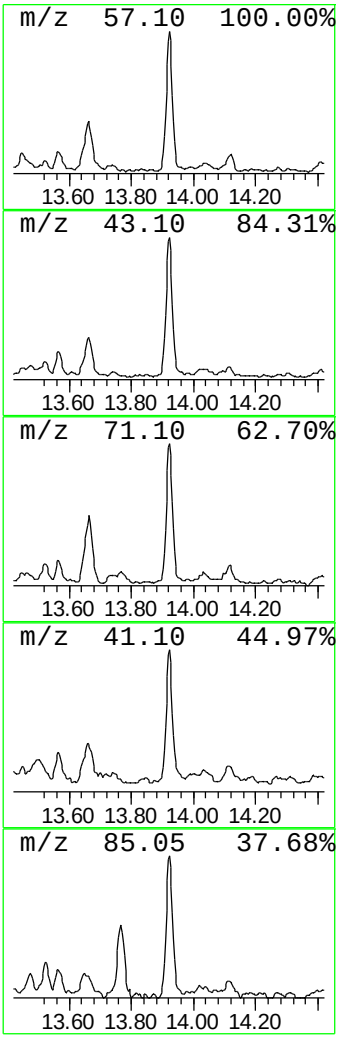
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.97 ug/L	141080	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	83
3	Tridecane	184	C13H28	000629-50-5	64
4	Tetradecane	198	C14H30	000629-59-4	52
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018569.D
Acq On : 30 Sep 2020 15:05
Operator : SY/MD
Sample : L4109-18DL 10X
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9DL

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...	2.55	4.6	ug/L	71667	1	5.64	778779	50.0
(DEL) Alkane: Str...	2.78	7.5	ug/L	117266	1	5.64	778779	50.0
(DEL) Alkane: Str...	3.06	23.5	ug/L	366092	1	5.64	778779	50.0
(DEL) Alkane: Cyc...	3.78	4.9	ug/L	76800	1	5.64	778779	50.0
unknown-01	5.93	2.5	ug/L	38940	1	5.64	778779	50.0
Benzene, propyl-	10.37	28.5	ug/L	673878	3	11.27	1181830	50.0
Benzene, 1-ethyl-...	10.47	141.4	ug/L	3342380	3	11.27	1181830	50.0
Mesitylene	10.56	59.5	ug/L	1405780	3	11.27	1181830	50.0
Benzene, 1-ethyl-...	10.76	33.3	ug/L	787320	3	11.27	1181830	50.0
Benzene, 1,2,3-tr...	10.94	164.4	ug/L	3886660	3	11.27	1181830	50.0
Benzene, (2-methy...	11.08	2.8	ug/L	66402	3	11.27	1181830	50.0
Benzene, 1,2,4-tr...	11.36	31.0	ug/L	731886	3	11.27	1181830	50.0
Benzene, 1,3-diet...	11.57	11.4	ug/L	269057	3	11.27	1181830	50.0
Benzene, 1-methyl...	11.59	14.8	ug/L	350268	3	11.27	1181830	50.0
(DEL) Alkane: Str...	11.81	8.6	ug/L	202758	3	11.27	1181830	50.0
Benzene, 2-ethyl-...	11.93	13.7	ug/L	324149	3	11.27	1181830	50.0
o-Cymene	12.04	29.1	ug/L	687239	3	11.27	1181830	50.0
Benzene, 1,4-diet...	12.28	2.5	ug/L	59273	3	11.27	1181830	50.0
Benzene, 1-ethyl-...	12.34	6.5	ug/L	152928	3	11.27	1181830	50.0
Benzene, 1,2,4,5-...	12.43	16.6	ug/L	393591	3	11.27	1181830	50.0
Benzene, 1,2,3,4-...	12.49	28.5	ug/L	674672	3	11.27	1181830	50.0
Benzene, 2-etheny...	12.75	8.4	ug/L	199222	3	11.27	1181830	50.0
Benzene, 1-methyl...	12.90	33.1	ug/L	783398	3	11.27	1181830	50.0
Benzene, 1-methyl...	13.02	3.9	ug/L	91445	3	11.27	1181830	50.0
unknown-02	13.06	4.1	ug/L	97277	3	11.27	1181830	50.0
Azulene	13.52	11.5	ug/L	271413	3	11.27	1181830	50.0
(DEL) Alkane: Str...	13.92	6.0	ug/L	141080	3	11.27	1181830	50.0