LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

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_U\METHOD\SOMULM040519WMA.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	1.392	86	94	108	rVB	160626	199522	11.67%	0.860%
2	1.637	126	170	181	rBV3	247801	897754	52.53%	3.870%
3	2.238	346	357	372	rVB	313735	486303	28.45%	2.096%
4	2.710	498	504	514	rVB2	17619	29842	1.75%	0.129%
5	2.964	571	583	597	rVV3	13942	31758	1.86%	0.137%
6	3.276	665	680	694	rBV2	15515	34135	2.00%	0.147%
7	4.067	910	926	943	rBV5	10014	26824	1.57%	0.116%
8	4.186	947	963	994	rBV	125468	450128	26.34%	1.940%
9	4.640	1087	1104	1140	rBV	218413	598284	35.01%	2.579%
10	4.971	1192	1207	1223	rBV4	35498	87137	5.10%	0.376%
11	5.061	1223	1235	1247	rVB5	10169	24055	1.41%	0.104%
12	5.202	1264	1279	1297	rBV5	36015	92999	5.44%	0.401%
13	5.328	1297	1318	1346	rBV2	505242	1474373	86.26%	6.355%
14	5.469	1351	1362	1367	rBV9	9236	18208	1.07%	0.078%
15	5.521	1369	1378	1395	rVB2	36297	88830	5.20%	0.383%
16	5.607	1395	1405	1421	rVB10	11006	25030	1.46%	0.108%
17	5.771	1439	1456	1468	rBV3	30685	60897	3.56%	0.262%
18	5.878	1476	1489	1516	rBV	539629	1169209	68.41%	5.040%
19	6.324	1615	1628	1644	rBV	321194	687023	40.20%	2.961%
20	6.466	1664	1672	1680	rVB5	11971	20670	1.21%	0.089%
21	6.524	1680	1690	1701	rVB4	15336	28520	1.67%	0.123%
22	6.916	1793	1812	1827	rBV3	33412	76021	4.45%	0.328%
23	7.038	1832	1850	1861	rBV3	32574	75687	4.43%	0.326%
24	7.096	1861	1868	1879	rVV3	14578	27304	1.60%	0.118%
25	7.173	1882	1892	1898	rVV4	34405	60230	3.52%	0.260%
26	7.225	1898	1908	1933	rVV	175141	372158	21.77%	1.604%
27	7.334	1933	1942	1964	rVB2	44555	99427	5.82%	0.429%
28	7.521	1987	2000	2001	rBV3	22617	30190	1.77%	0.130%
29	7.562	2002	2013	2032	rVV	577716	1082057	63.31%	4.664%
30	7.813	2082	2091	2095	rBV2	34011	50444	2.95%	0.217%
31	7.848	2095	2102	2117	rVB	108330	209339	12.25%	0.902%
32	8.321	2237	2249	2276	rBV	526602	1068931	62.54%	4.607%
33	8.906	2423	2431	2443	rVB3	50478	83335	4.88%	0.359%
34	9.029	2459	2469	2477	rBV2	39914	67015	3.92%	0.289%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

35	9.090	2477	2488	2512	rVV	819443	1475290	86.32%	6.359%
36	9.250	2528	2538	2551	rBV	71242	119847	7.01%	0.517%
37	9.376	2567	2577	2590	rBV2	47662	93648	5.48%	0.404%
38	9.440	2590	2597	2613	rVB3	44947	81322	4.76%	0.351%
39	9.713	2673	2682	2691	rBV8	13082	21468	1.26%	0.093%
40	9.781	2691	2703	2712	rBV2	38098	70651	4.13%	0.305%
41	9.948	2748	2755	2768	rVB6	16965	28337	1.66%	0.122%
42	10.045	2777	2785	2795	rVB6	12073	20887	1.22%	0.090%
43	10.167	2810	2823	2834	rBV4	29165	54727	3.20%	0.236%
44	10.250	2841	2849	2857	rBV9	19917	33124	1.94%	0.143%
45	10.321	2858	2871	2874	rVV7	23686	45061	2.64%	0.194%
46	10.350	2875	2880	2894	rVV3	32602	61816	3.62%	0.266%
47	10.434	2894	2906	2930	rVB	562068	970578	56.79%	4.183%
48	10.588	2944	2954	2972	rBV	89230	157740	9.23%	0.680%
49	10.681	2973	2983	3000	rVV	117593	297963	17.43%	1.284%
50	10.771	3000	3011	3018	rVV	107993	184460	10.79%	0.795%
51	10.810	3018	3023	3043	rVB5	56875	97395	5.70%	0.420%
52	10.971	3062	3073	3095	rBV2	121993	207817	12.16%	0.896%
53	11.147	3111	3128	3150	rVB	589528	949202	55.54%	4.091%
54	11.292	3156	3173	3178	rBV6	22061	53965	3.16%	0.233%
55	11.324	3180	3183	3194	rVB4	24017	32308	1.89%	0.139%
56	11.389	3194	3203	3209	rBV7	19675	36005	2.11%	0.155%
57	11.427	3209	3215	3221	rVB2	20535	27880	1.63%	0.120%
58	11.482	3221	3232	3251	rBV	981518	1580309	92.46%	6.811%
59	11.569	3251	3259	3268	rBV	140330	209639	12.27%	0.904%
60	11.697	3294	3299	3309	rVB6	21820	32381	1.89%	0.140%
61	11.774	3310	3323	3328	rBV5	114586	226209	13.24%	0.975%
62	11.807	3329	3333	3340	rVV	144456	203576	11.91%	0.877%
63	11.861	3340	3350	3375	rVB4	895687	1709124	100.00%	7.367%
64	11.977	3376	3386	3392	rBV7	21564	36560	2.14%	0.158%
65	12.022	3393	3400	3404	rVV3	43382	61527	3.60%	0.265%
66	12.054	3404	3410	3423	rVB	74321	120807	7.07%	0.521%
67	12.144	3429	3438	3443	rBV	127304	203766	11.92%	0.878%
68	12.173	3443	3447	3458	rVB	130456	183590	10.74%	0.791%
69	12.247	3458	3470	3493	rVB	284569	484922	28.37%	2.090%
70	12.353	3493	3503	3509	rBV2	55520	105572	6.18%	0.455%
71	12.549	3556	3564	3574	rVB2	56247	91200	5.34%	0.393%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	12.610	3576	3583	3586	rBV6	16666	21913	1.28%	0.094%
73	12.646	3586	3594	3603	rVV	195195	286719	16.78%	1.236%
74	12.700	3603	3611	3629	rVB	243851	392659	22.97%	1.692%
75	12.784	3629	3637	3642	rBV3	40986	66931	3.92%	0.288%
76	12.816	3643	3647	3652	rBV4	18840	20530	1.20%	0.088%
77	12.961	3684	3692	3705	rVB2	96288	156396	9.15%	0.674%
78	13.028	3706	3713	3721	rBV3	31378	45145	2.64%	0.195%
79	13.083	3722	3730	3732	rVV2	39082	50519	2.96%	0.218%
80	13.118	3733	3741	3769	rVB4	224743	489086	28.62%	2.108%
81	13.234	3769	3777	3785	rBV3	46646	72089	4.22%	0.311%
82	13.279	3787	3791	3799	rVB9	13961	20407	1.19%	0.088%
83	13.405	3821	3830	3837	rBV6	28064	45431	2.66%	0.196%
84	13.453	3837	3845	3853	rBV3	38867	56096	3.28%	0.242%
85	13.504	3853	3861	3868	rBV4	92208	152523	8.92%	0.657%
86	13.604	3887	3892	3897	rBV3	20395	29088	1.70%	0.125%
87	13.636	3898	3902	3912	rVB	36740	45659	2.67%	0.197%
88	13.742	3926	3935	3943	rBV	85171	136100	7.96%	0.587%
89	13.855	3962	3970	3974	rBV9	13457	21424	1.25%	0.092%
90	13.951	3990	4000	4010	rBV9	35195	76254	4.46%	0.329%
91	14.147	4051	4061	4074	rVB5	57535	105906	6.20%	0.456%
92	14.337	4109	4120	4136	rBV8	51837	124278	7.27%	0.536%
93	14.475	4155	4163	4174	rBV2	29590	51769	3.03%	0.223%
94	14.536	4175	4182	4194	rVB4	34844	66553	3.89%	0.287%
95	14.678	4219	4226	4237	rBV10	13414	25804	1.51%	0.111%
96	14.877	4277	4288	4315	rVB	94410	237690	13.91%	1.024%
97	15.064	4337	4346	4360	rBV	57565	110813	6.48%	0.478%
98	15.588	4499	4509	4522	rBV7	13265	33816	1.98%	0.146%
99	15.800	4570	4575	4584	rBV7	14645	20209	1.18%	0.087%
100	16.060	4651	4656	4664	rBV4	25056	34489	2.02%	0.149%

Sum of corrected areas: 23200608

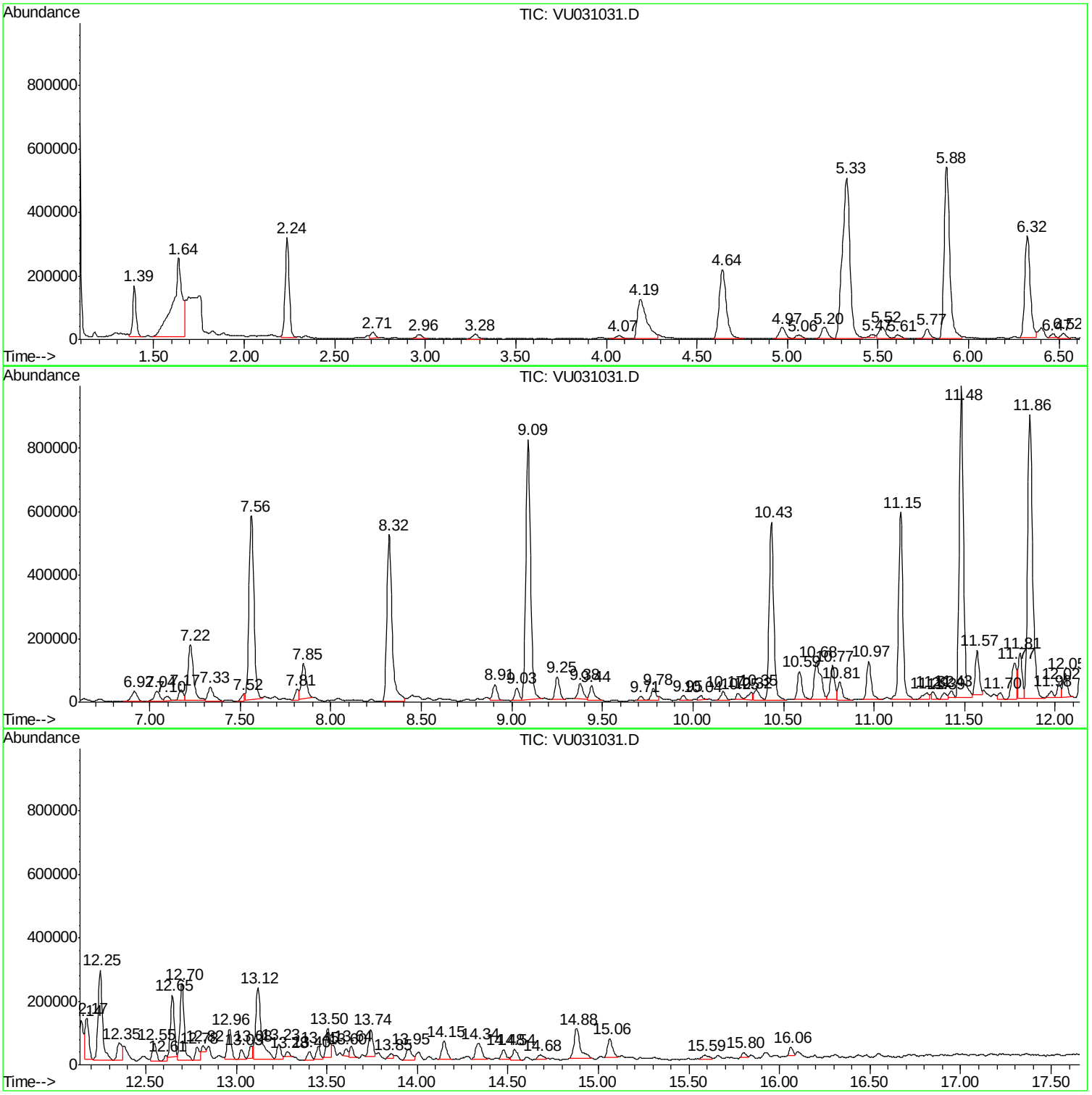
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

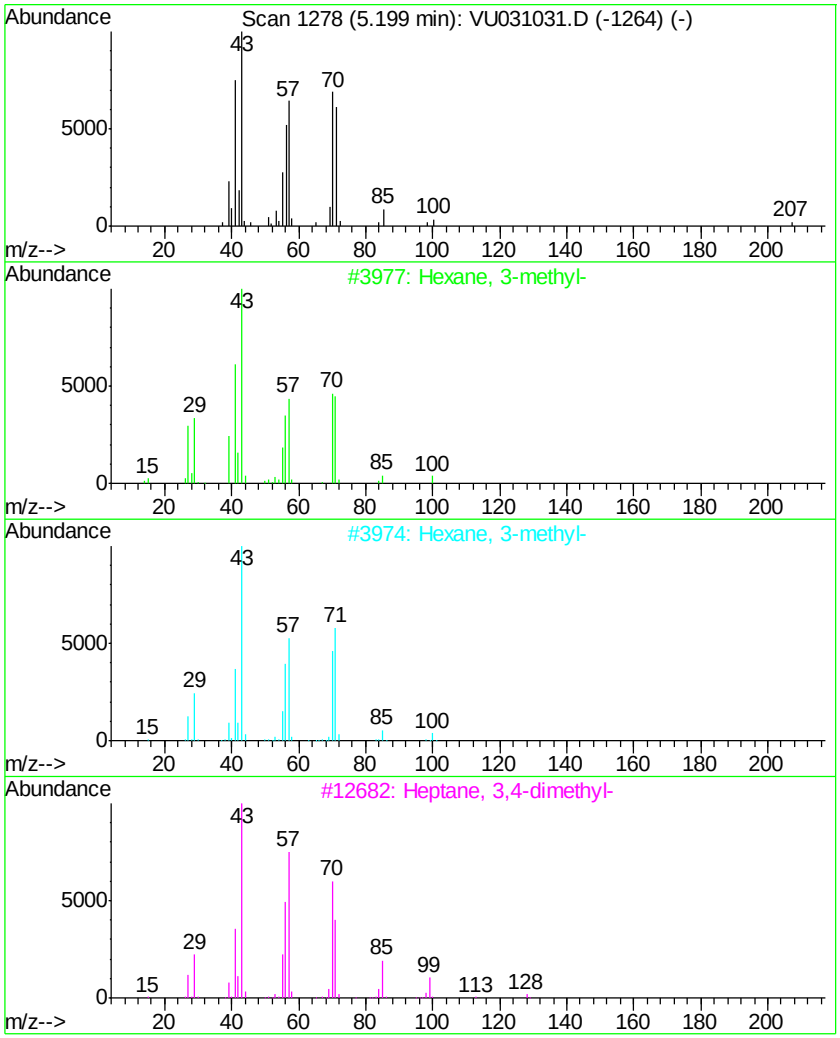
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

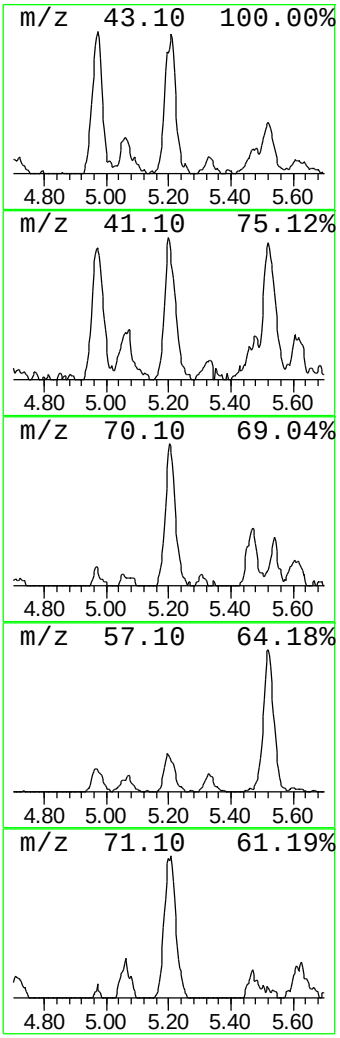
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.98 ug/L	92999	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

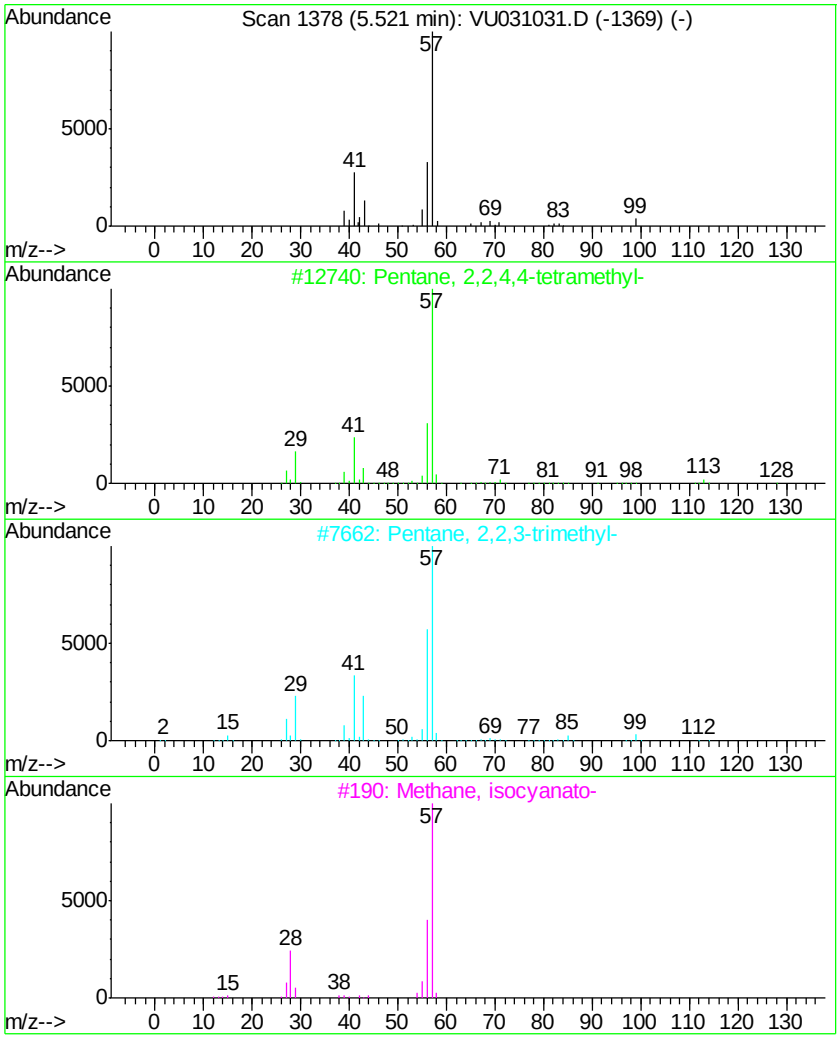
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

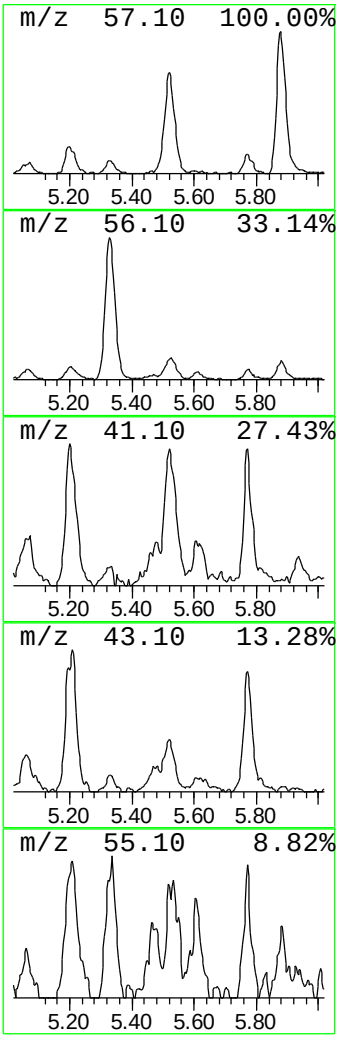
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	3.80 ug/L	88830	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	28
3	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	9
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

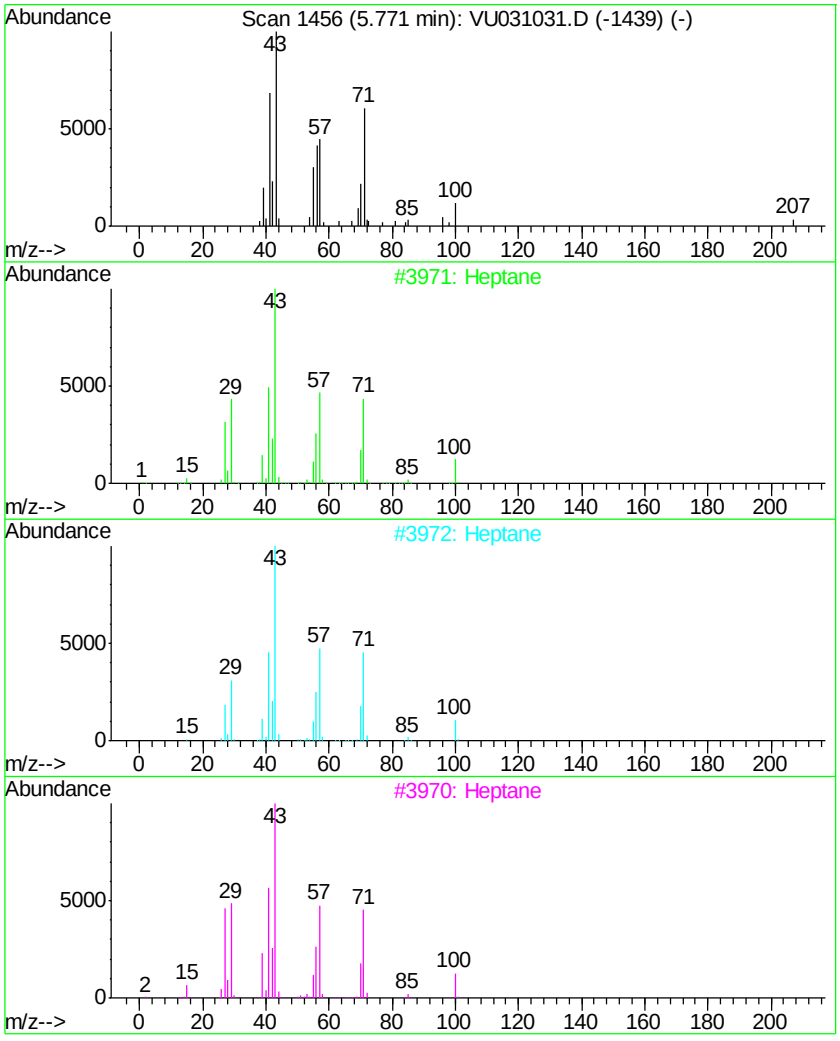
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

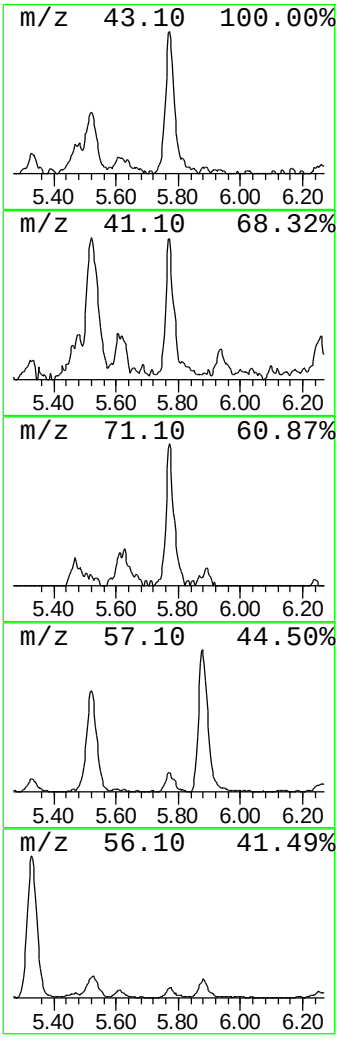
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	2.60 ug/L	60897	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	74
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	58
5	Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

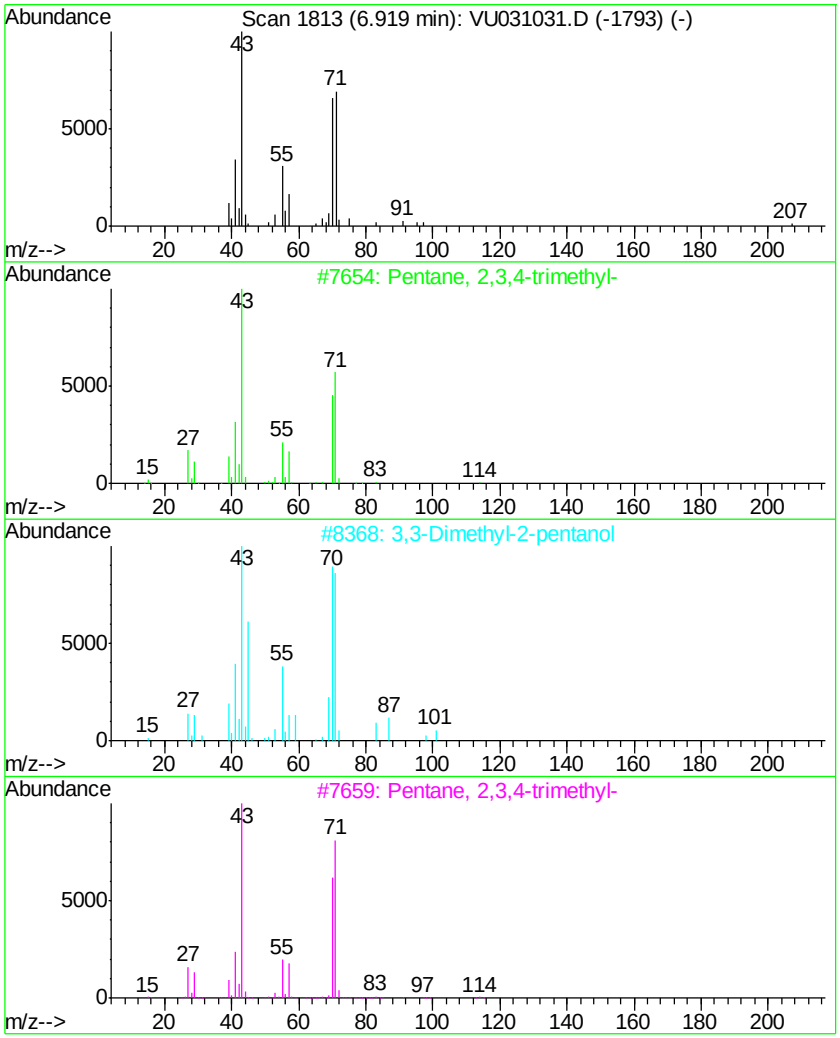
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

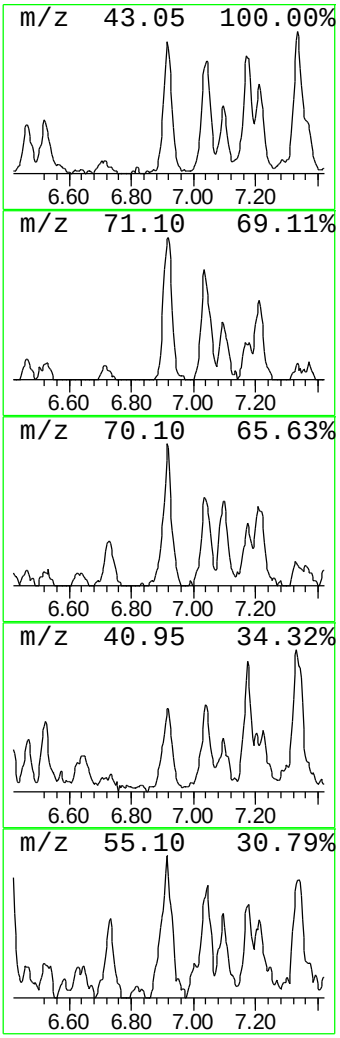
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	3.25 ug/L	76021	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

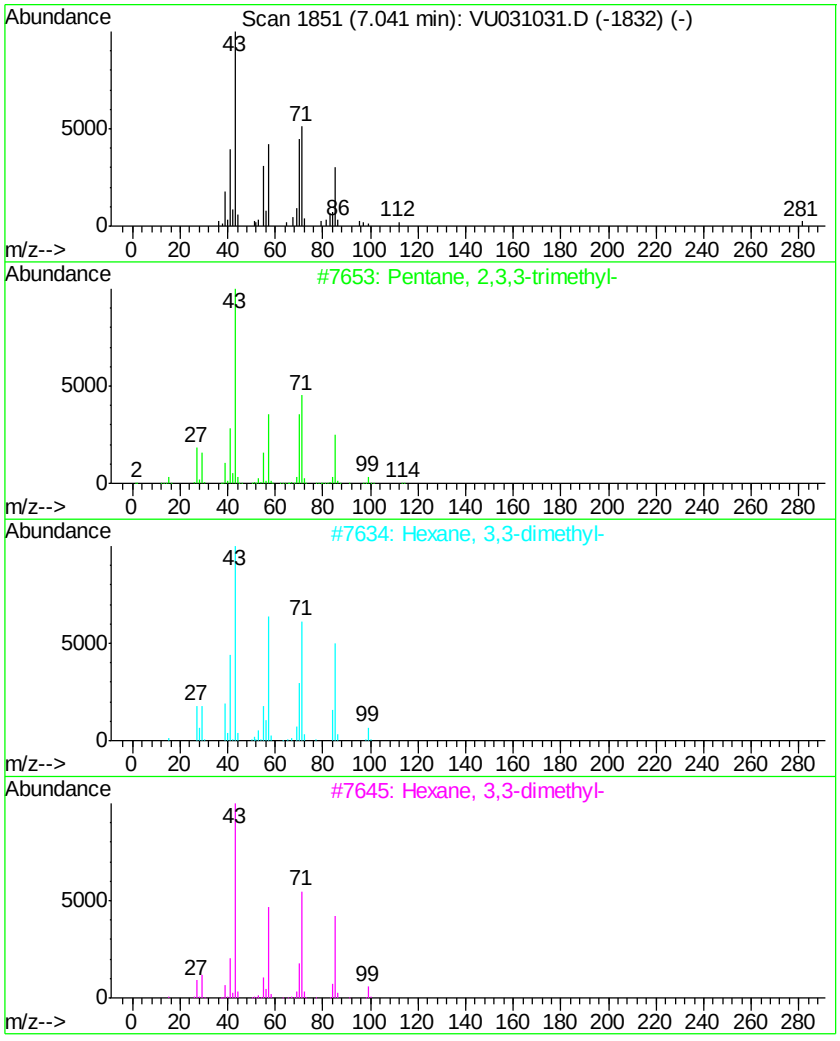
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

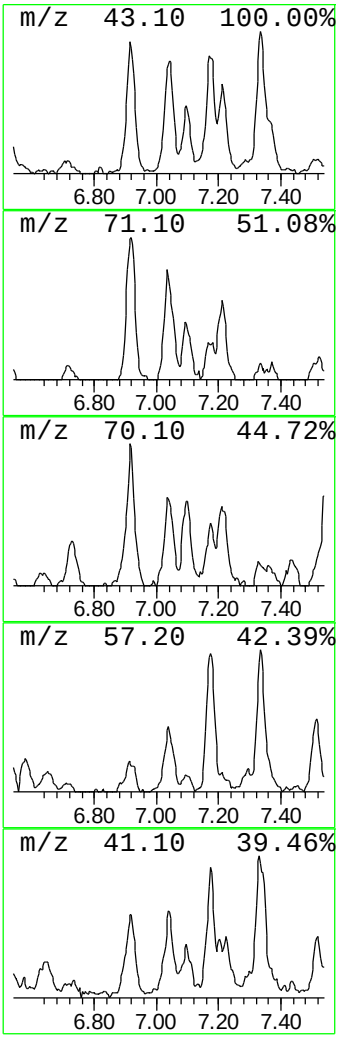
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.24 ug/L	75687	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

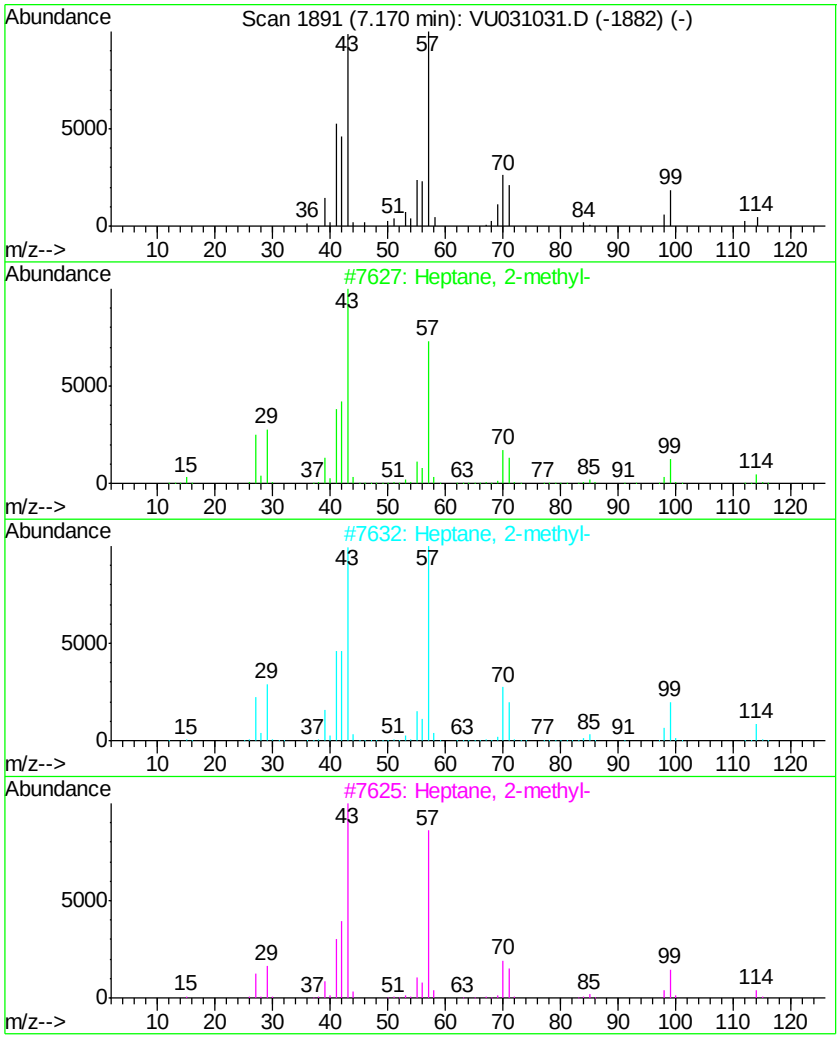
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

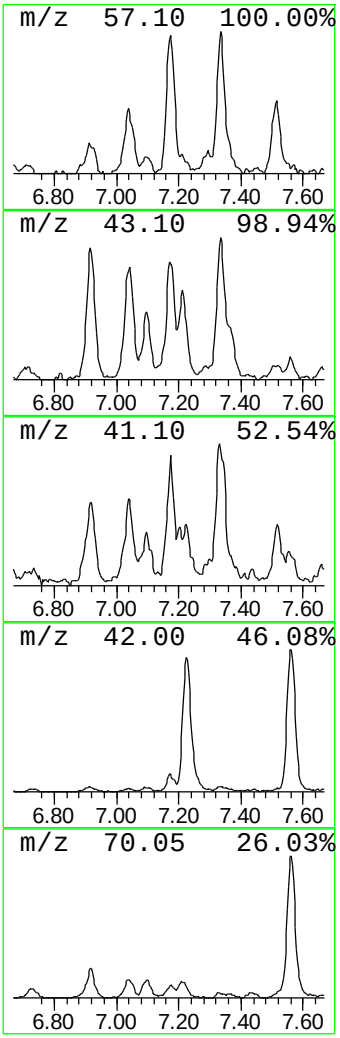
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.58 ug/L	60230	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	86
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	72
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

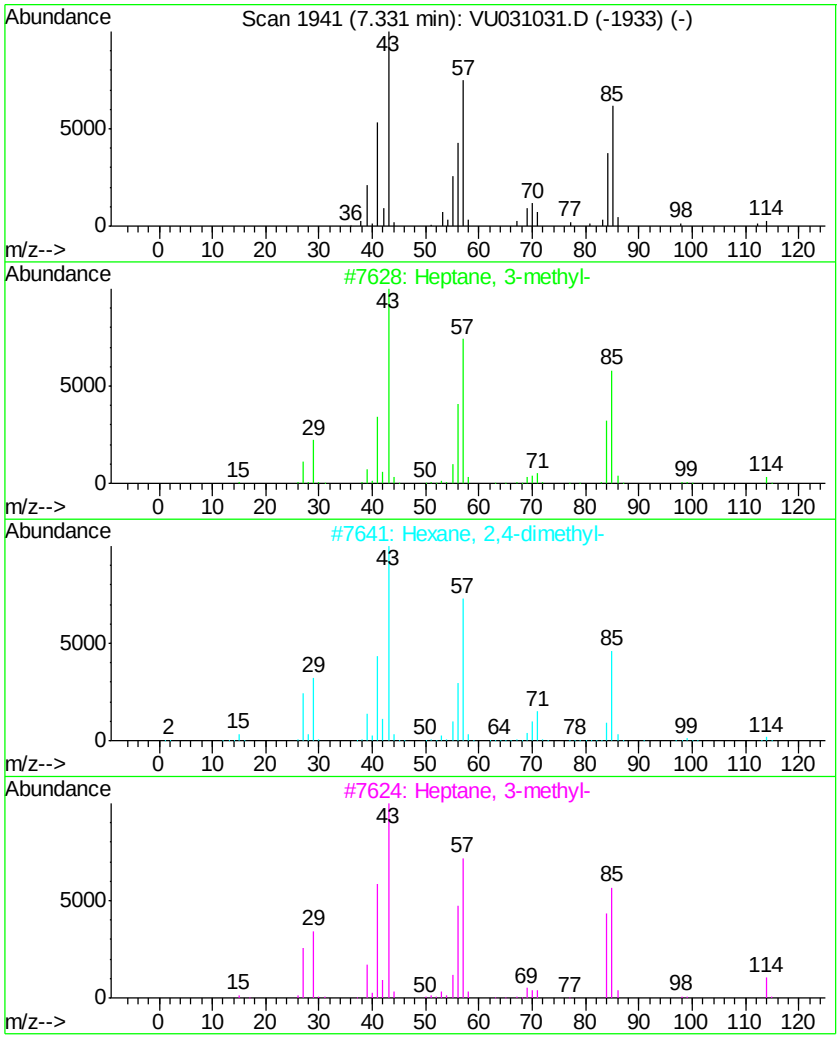
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

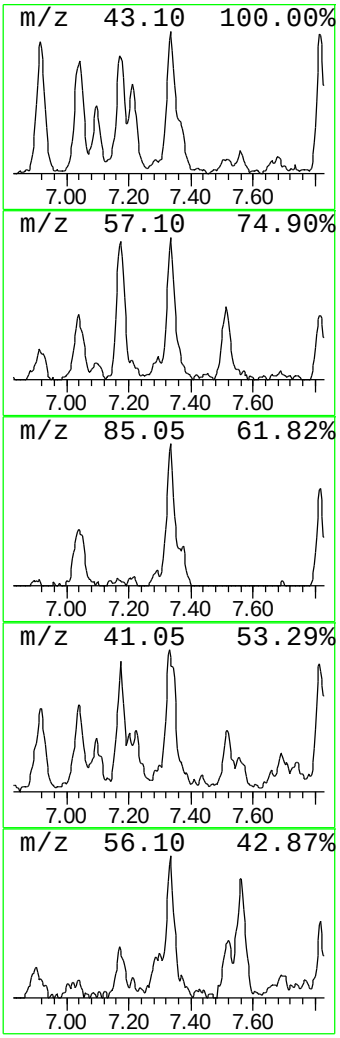
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	4.25 ug/L	99427	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

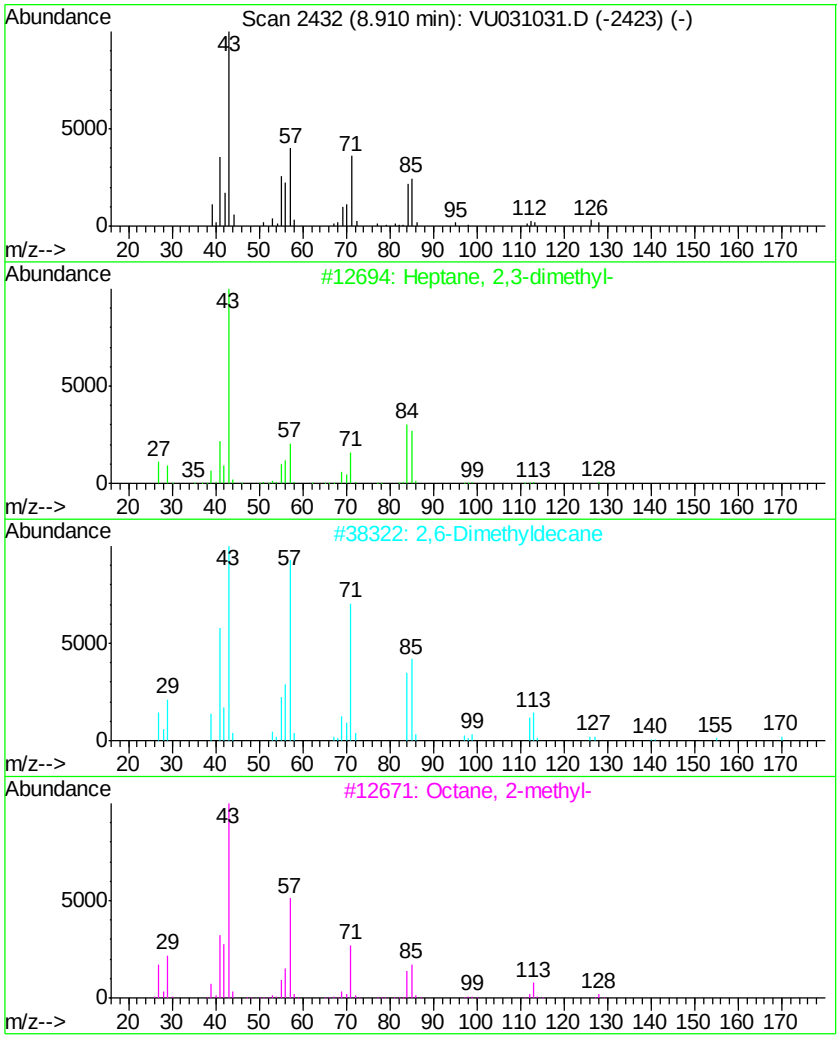
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

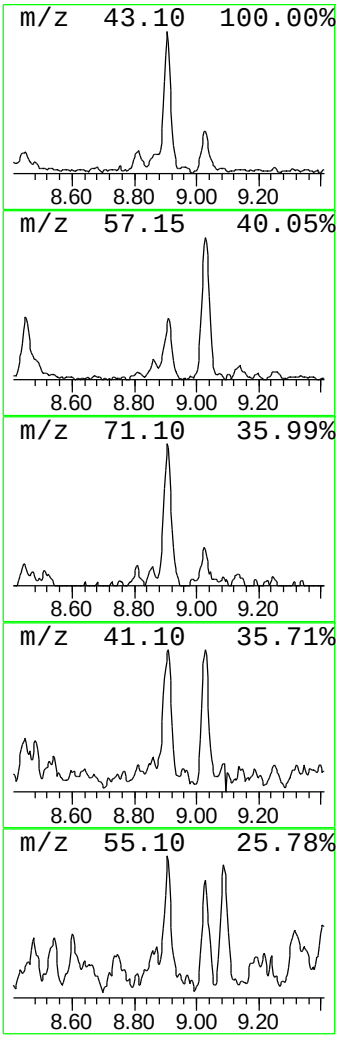
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.82 ug/L	83335	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Octane	114	C8H18	000111-65-9	59
5	Nonane	128	C9H20	000111-84-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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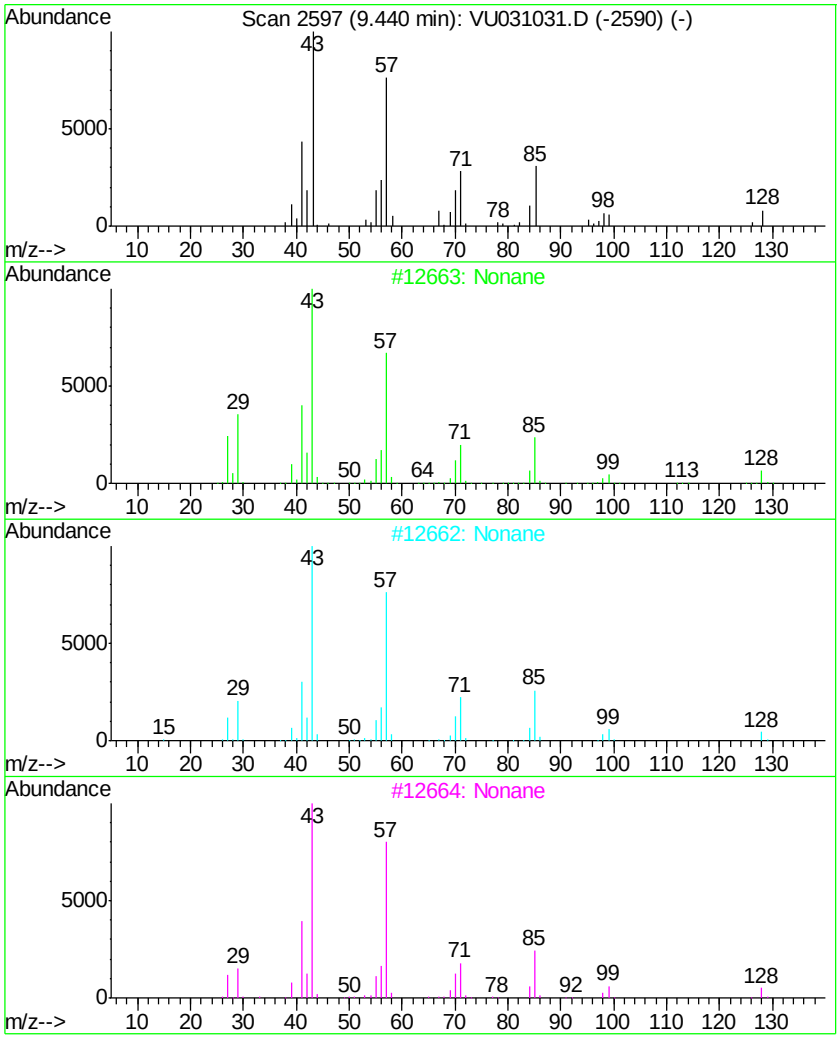
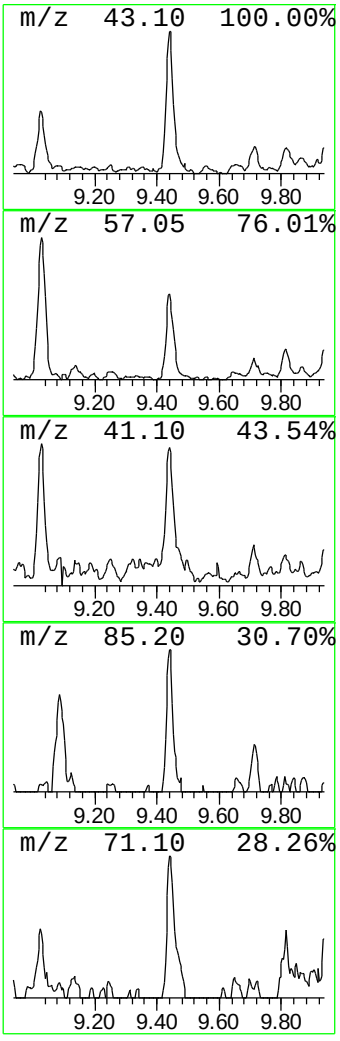
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.76 ug/L	81322	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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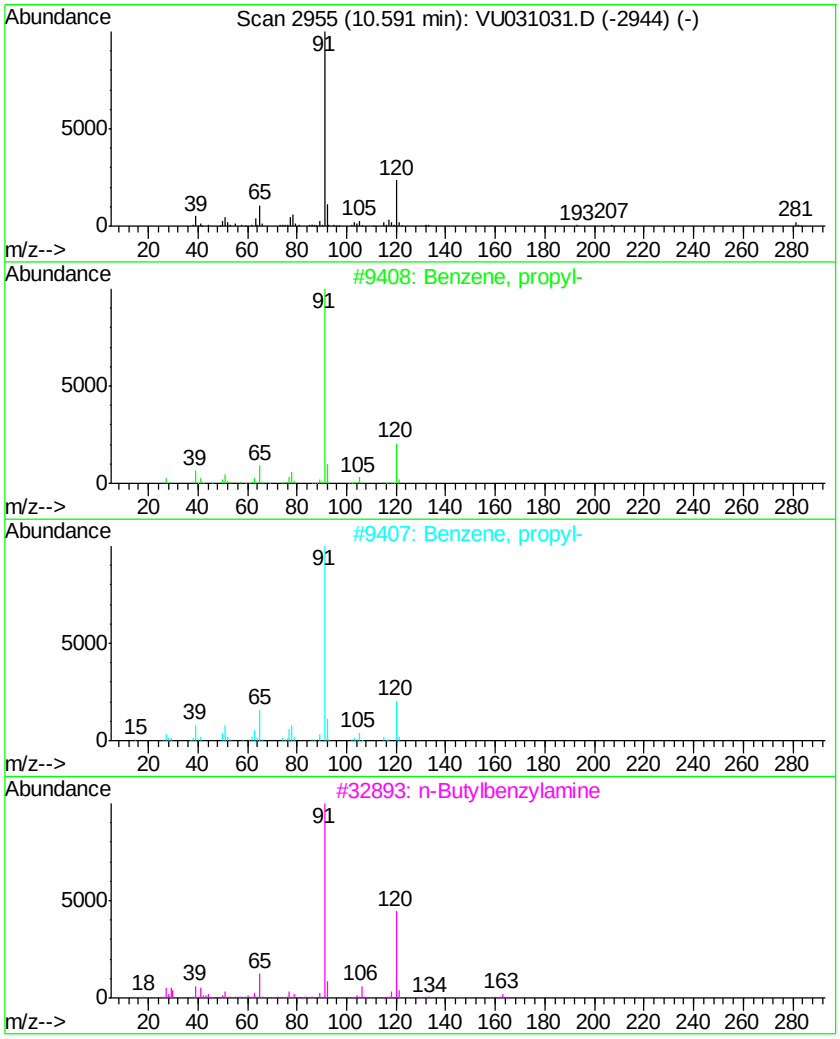
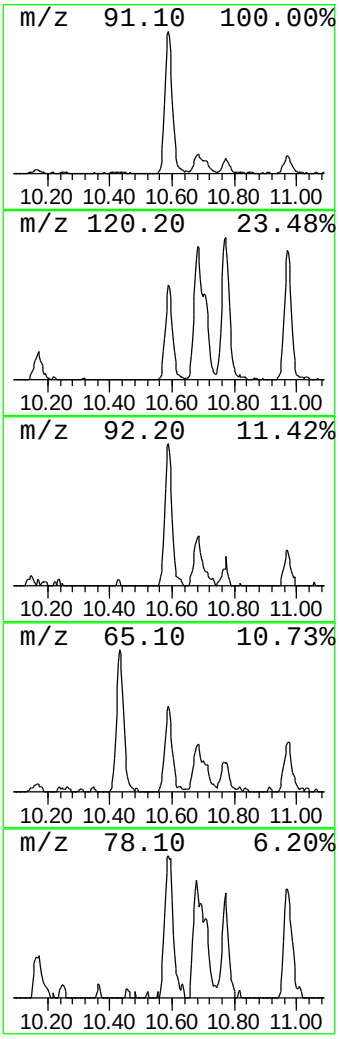
Peak Number 11 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.99 ug/L	157740	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	80
3	n-Butylbenzylamine	163	C11H17N	002403-22-7	78
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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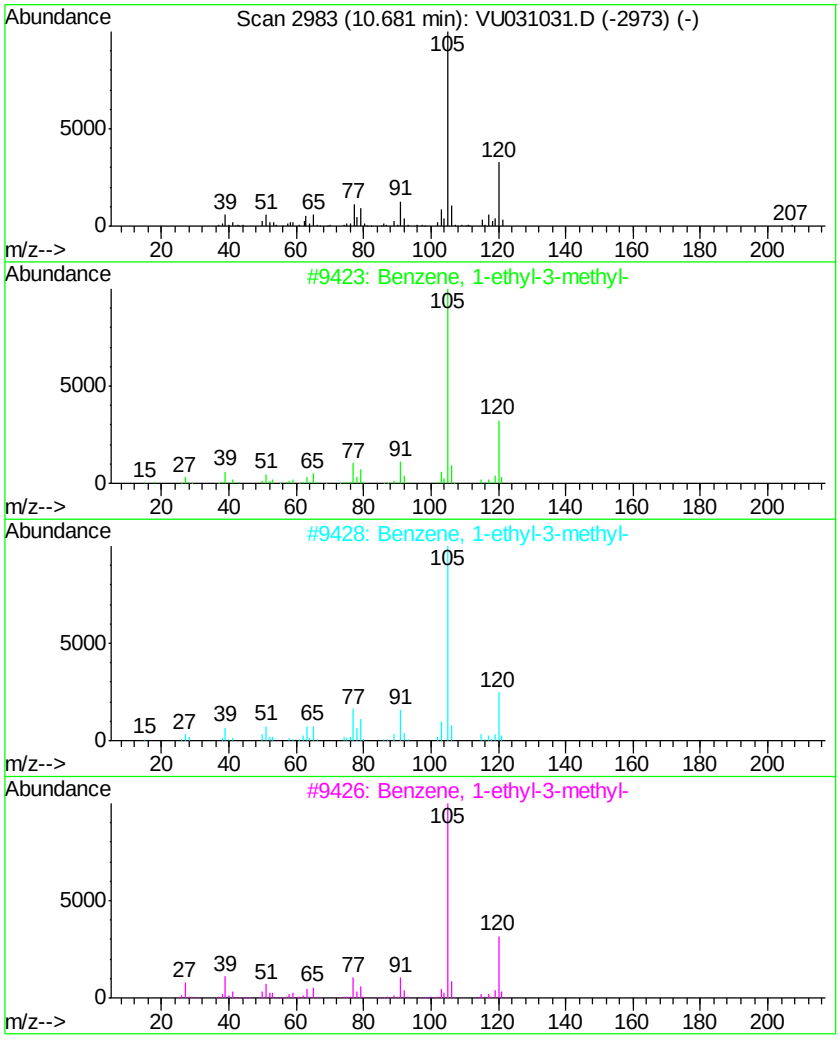
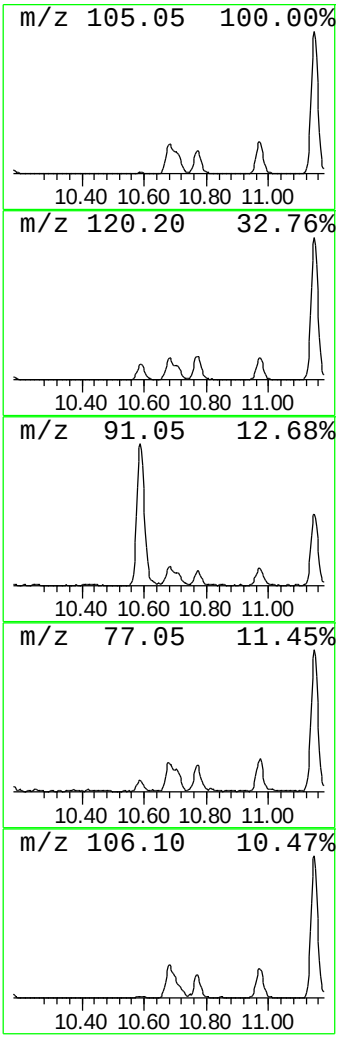
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.43 ug/L	297963	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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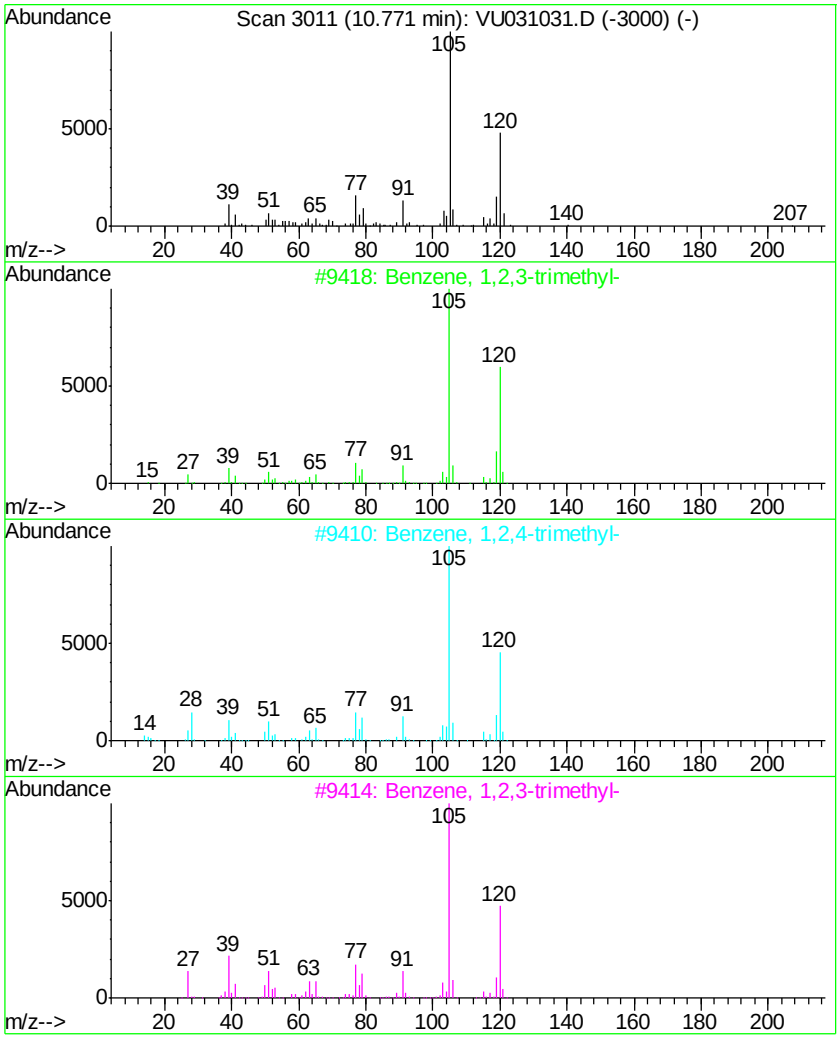
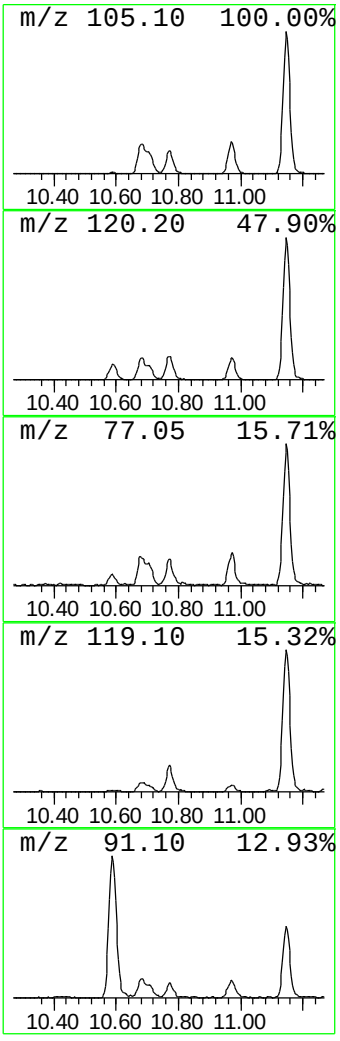
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	5.84 ug/L	184460	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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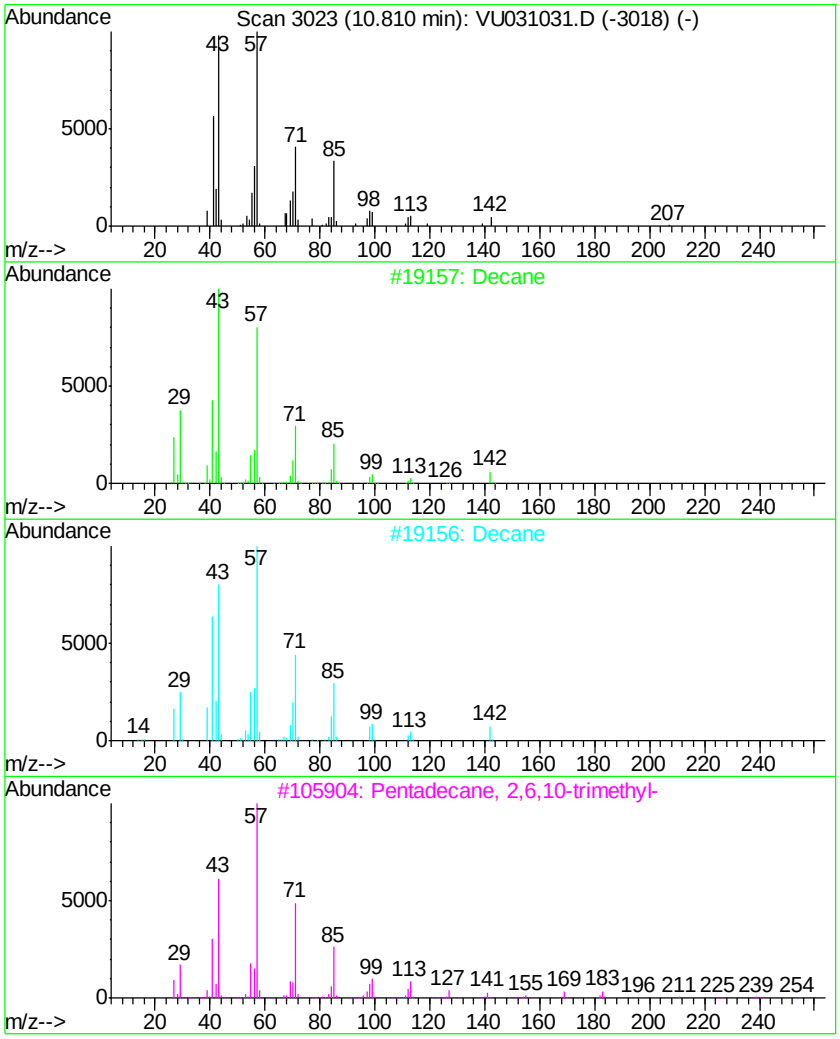
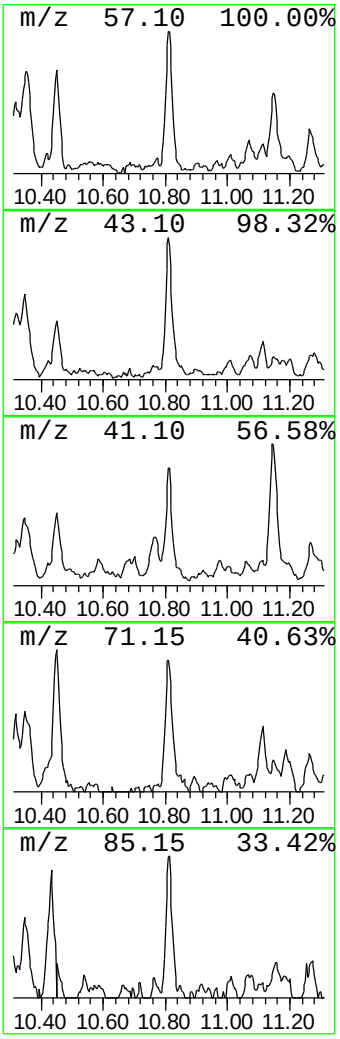
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.08 ug/L	97395	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	91
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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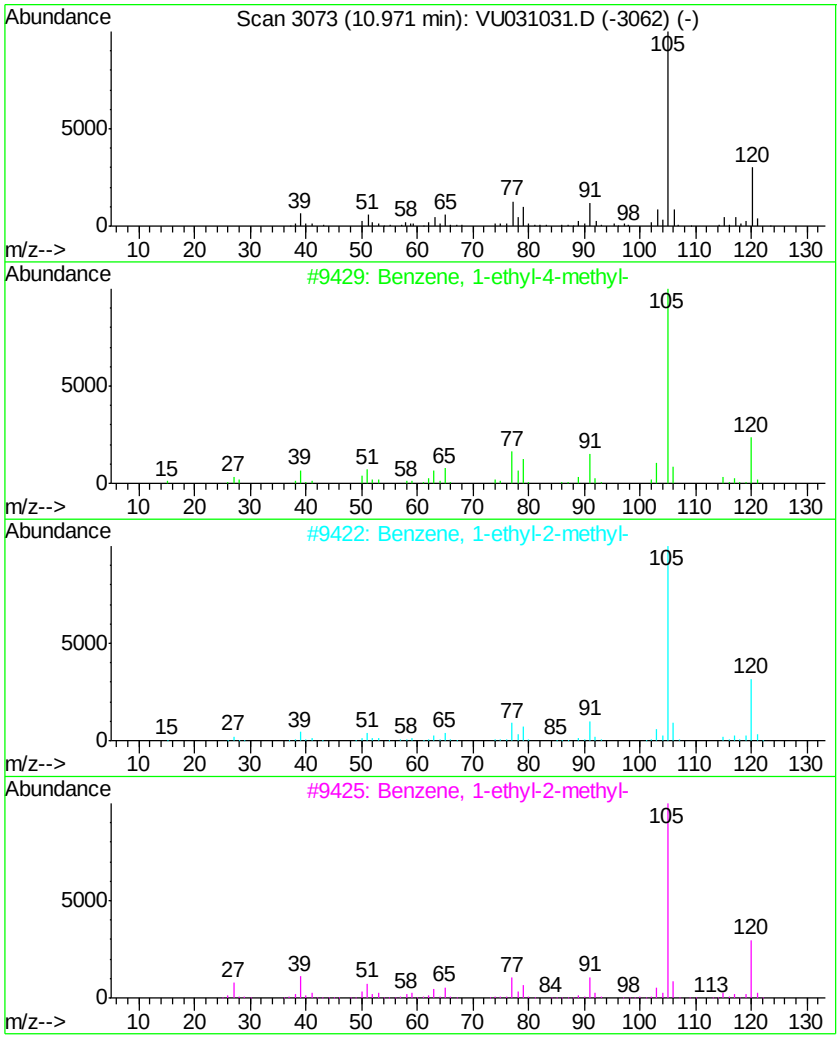
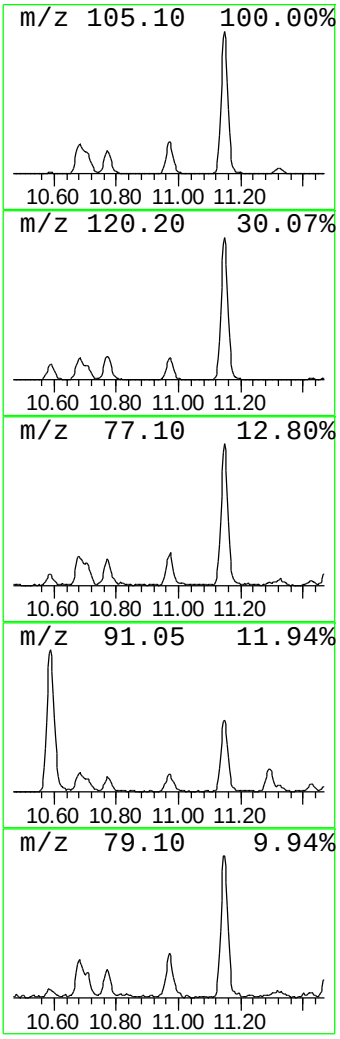
Peak Number 15 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	6.58 ug/L	207817	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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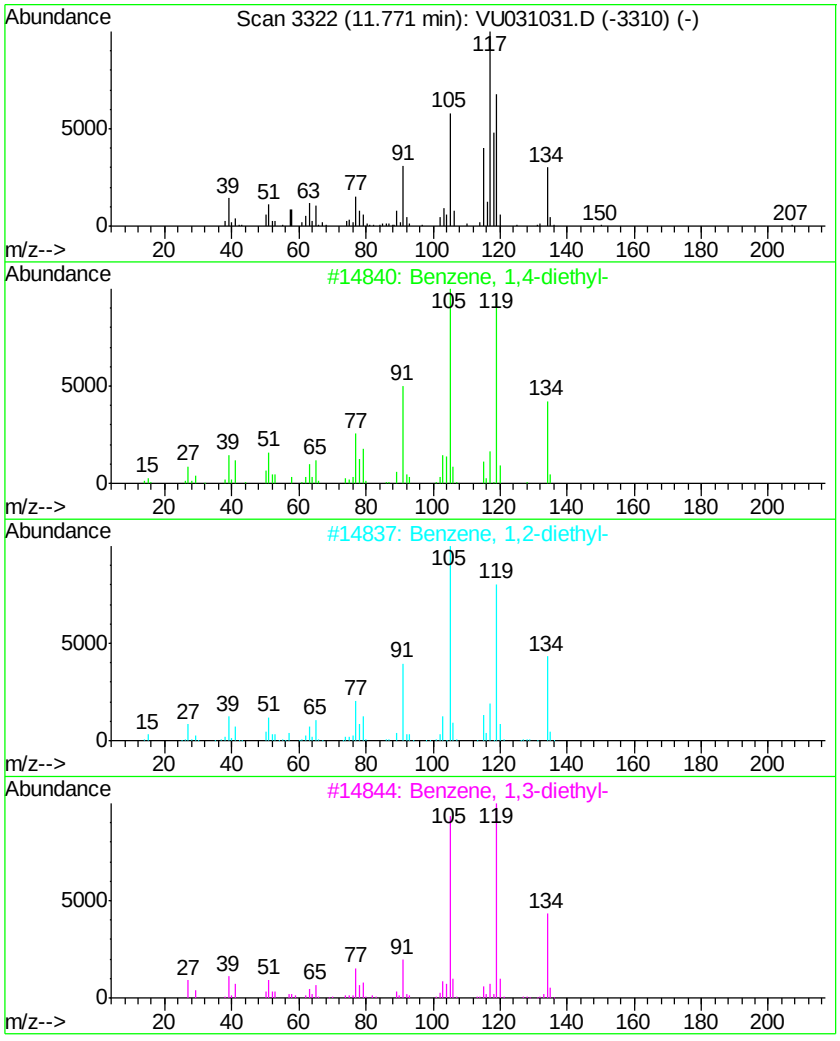
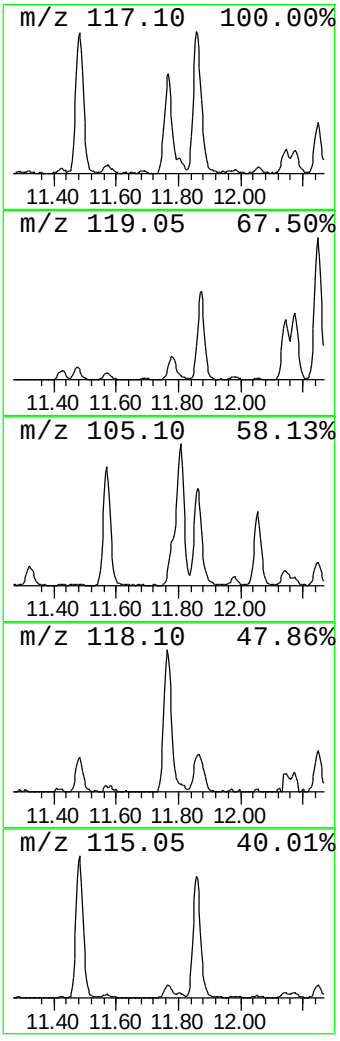
Peak Number 18 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.16 ug/L	226209	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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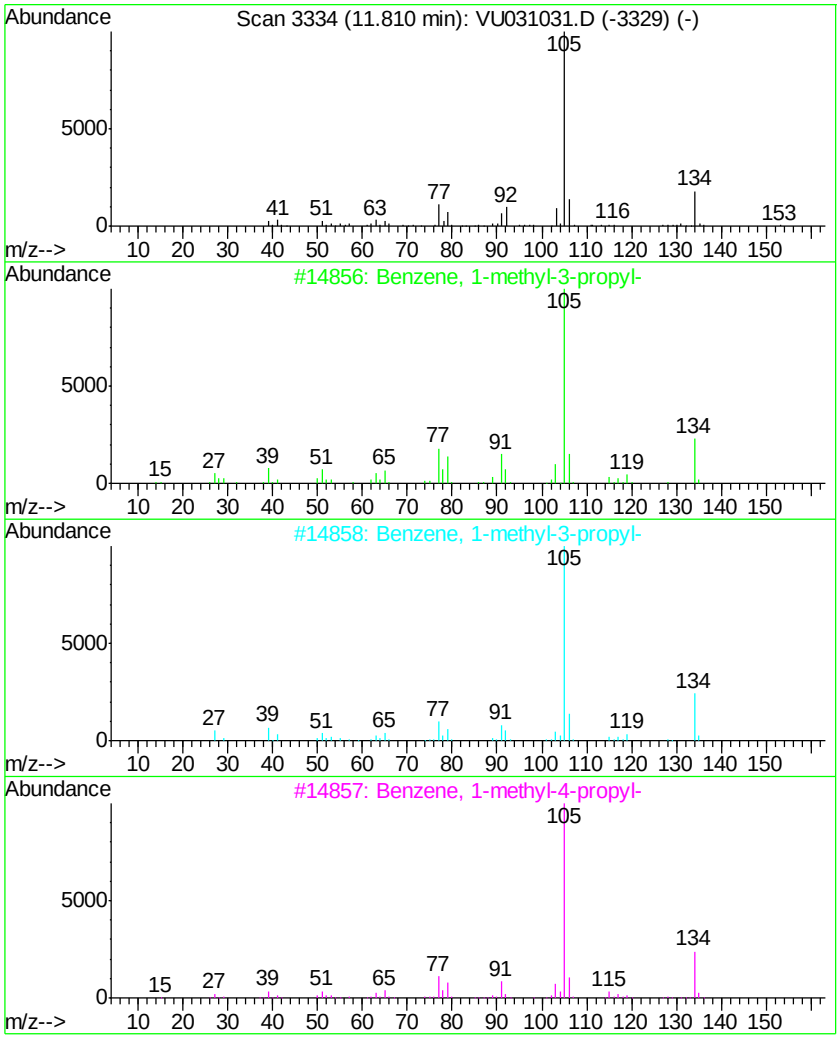
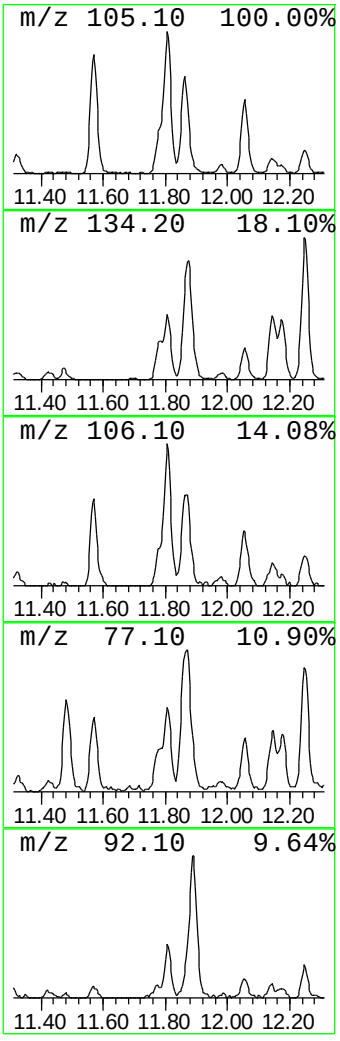
Peak Number 19 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	6.44 ug/L	203576	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	78
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

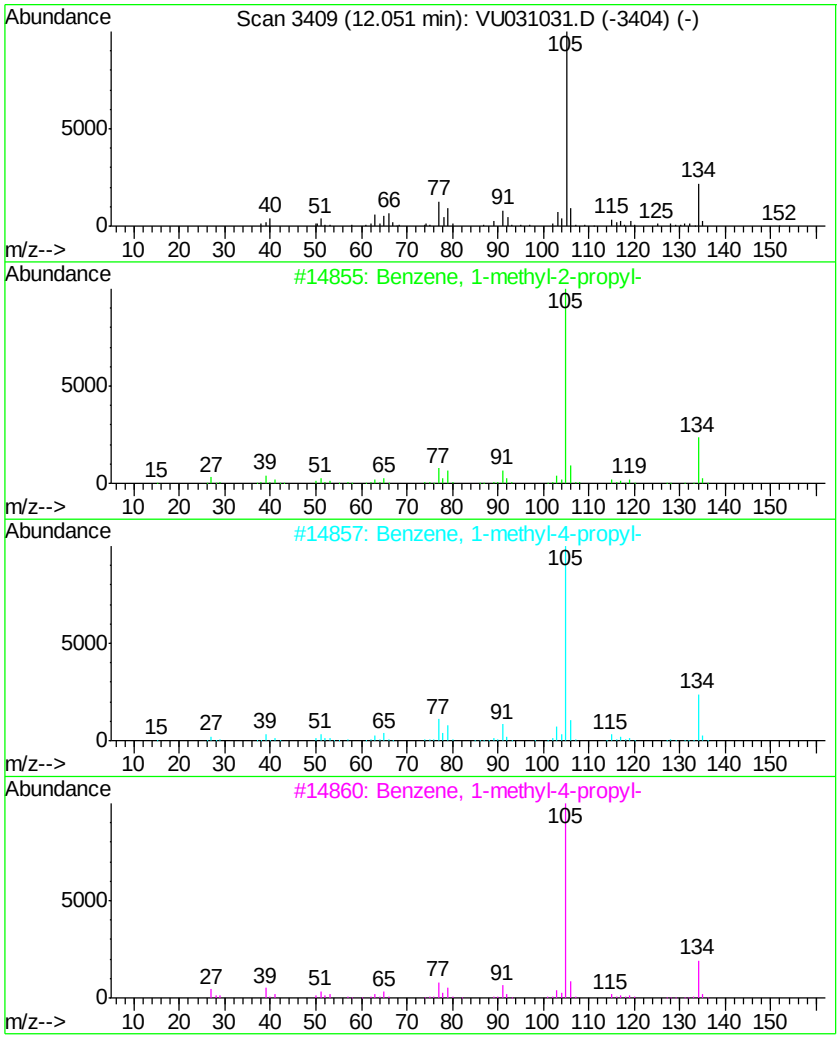
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

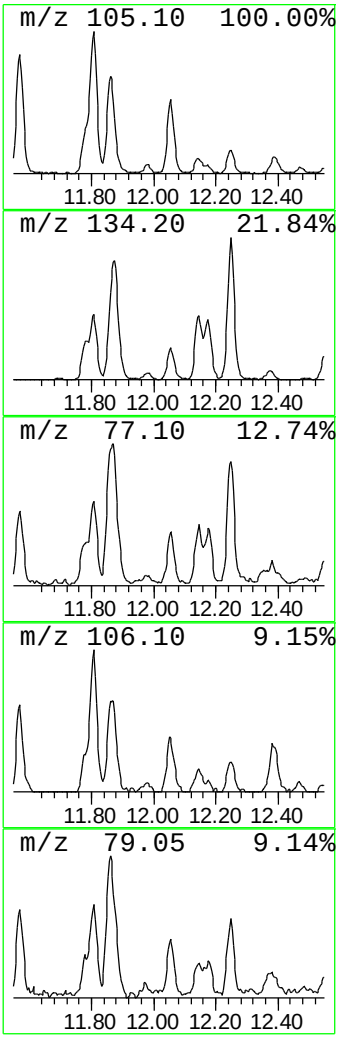
****

Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.82 ug/L	120807	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83





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Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

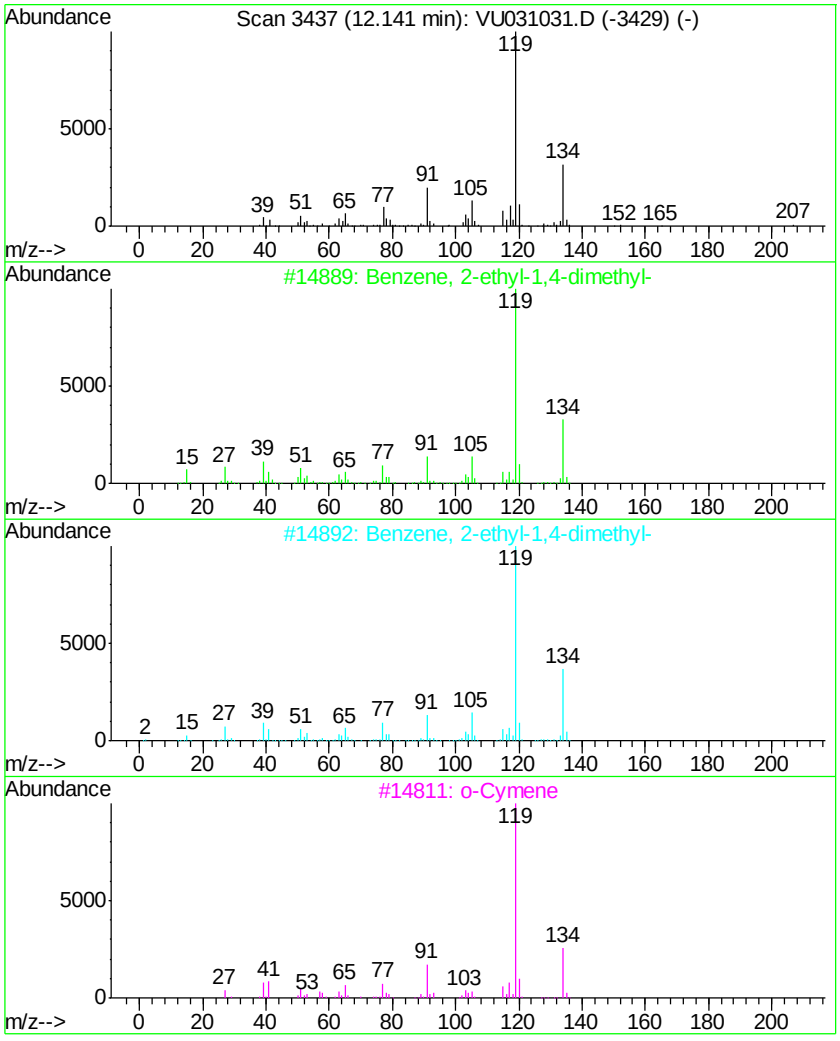
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

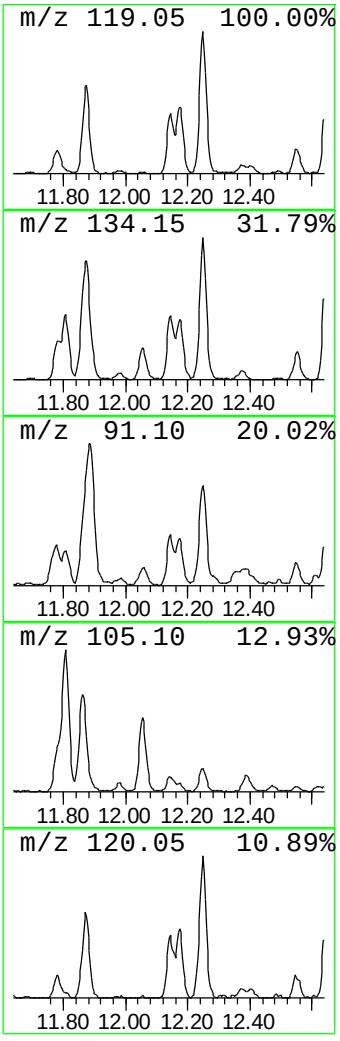
****

Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.45 ug/L	203766	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

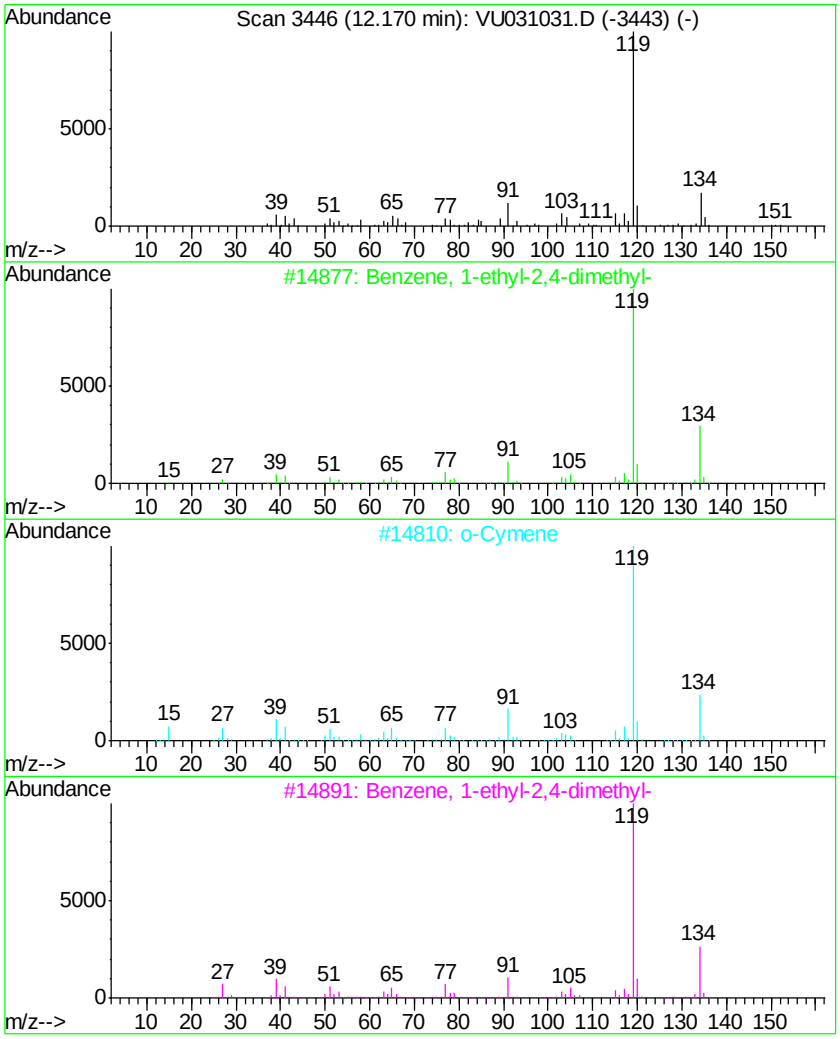
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

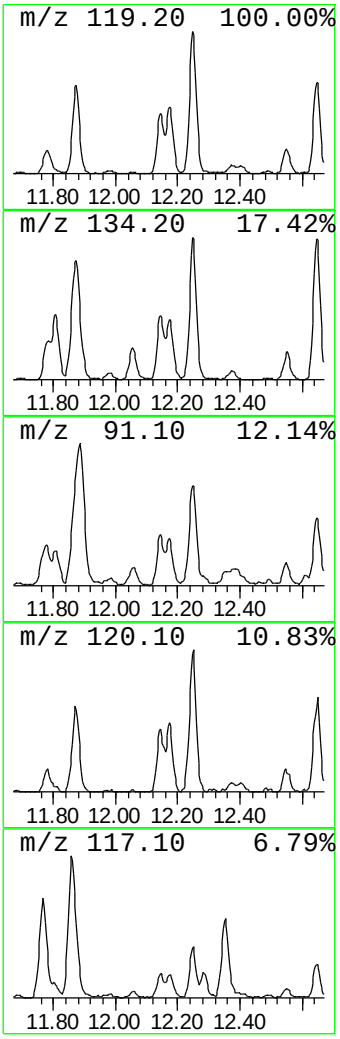
****

Peak Number 22 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.81 ug/L	183590	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	p-Cymene	134	C10H14	000099-87-6	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

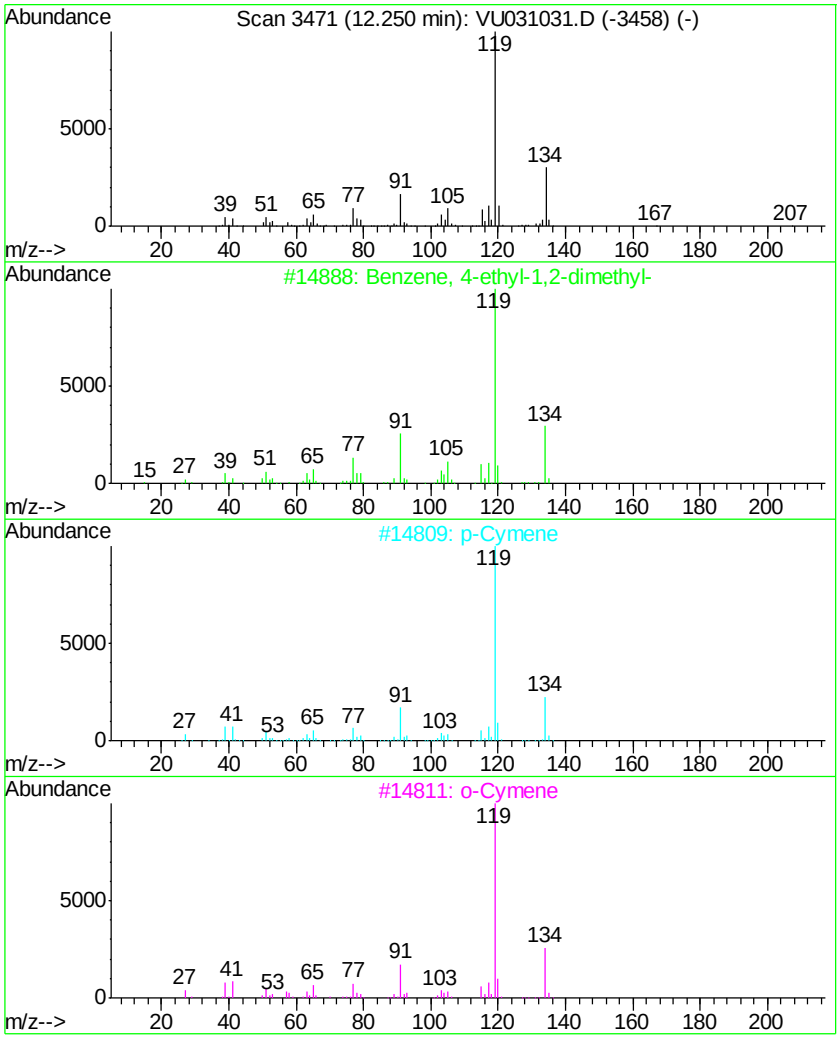
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

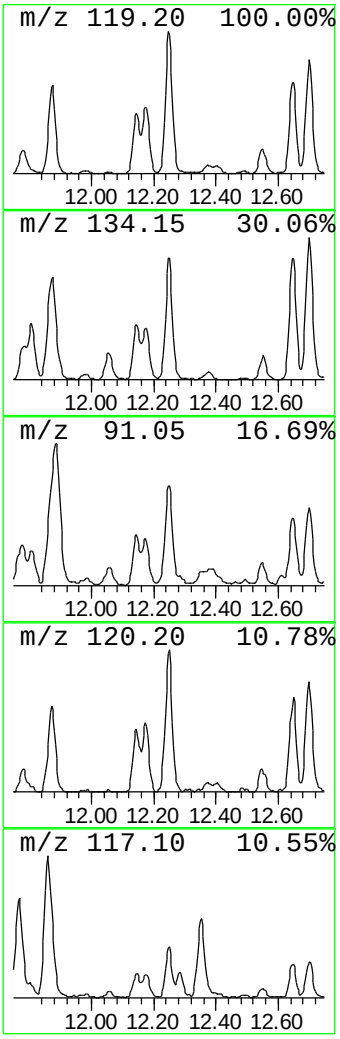
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	15.34 ug/L	484922	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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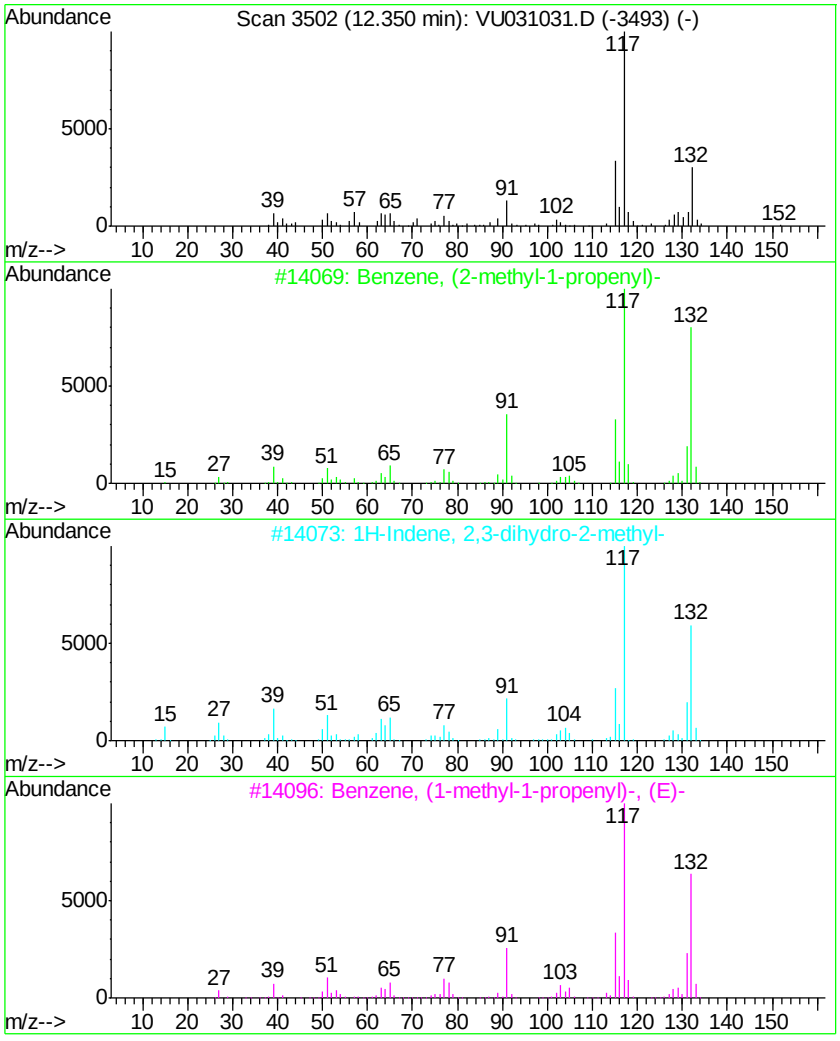
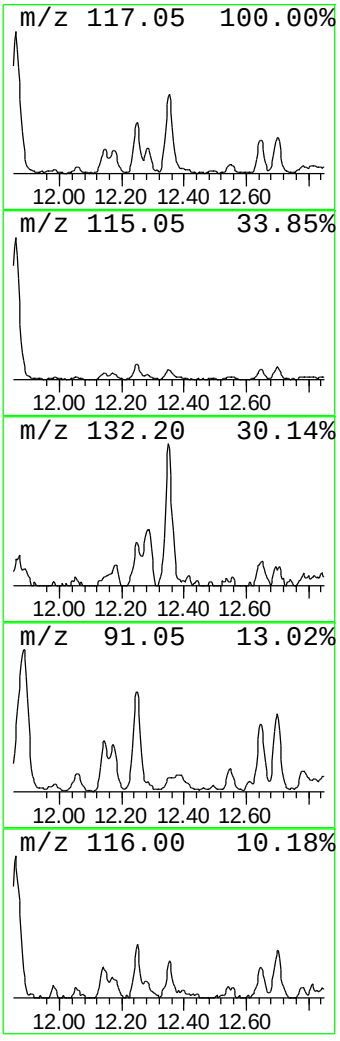
Peak Number 24 Benzene, (2-methyl-1-propen... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.34 ug/L	105572	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	72
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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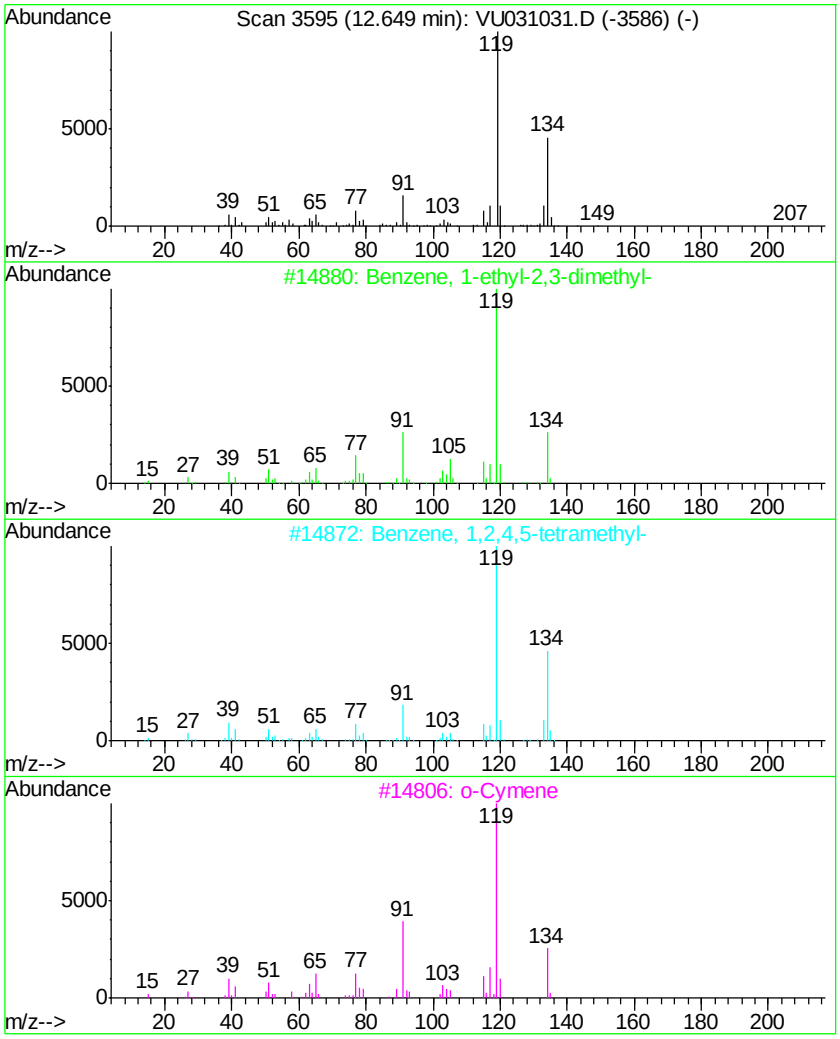
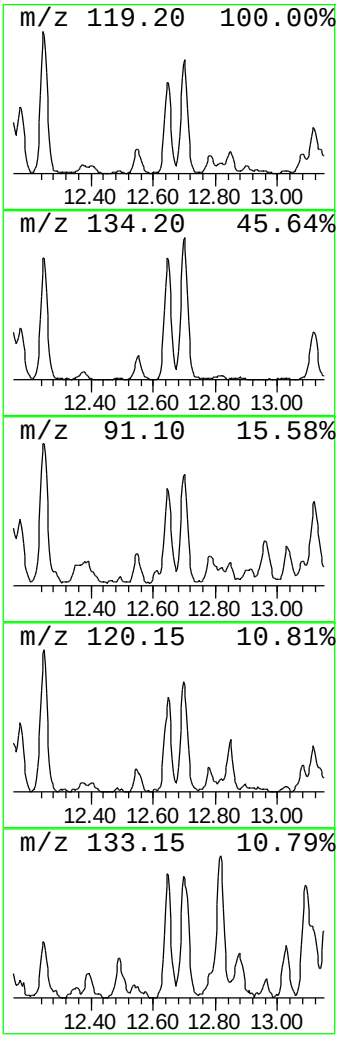
Peak Number 26 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.07 ug/L	286719	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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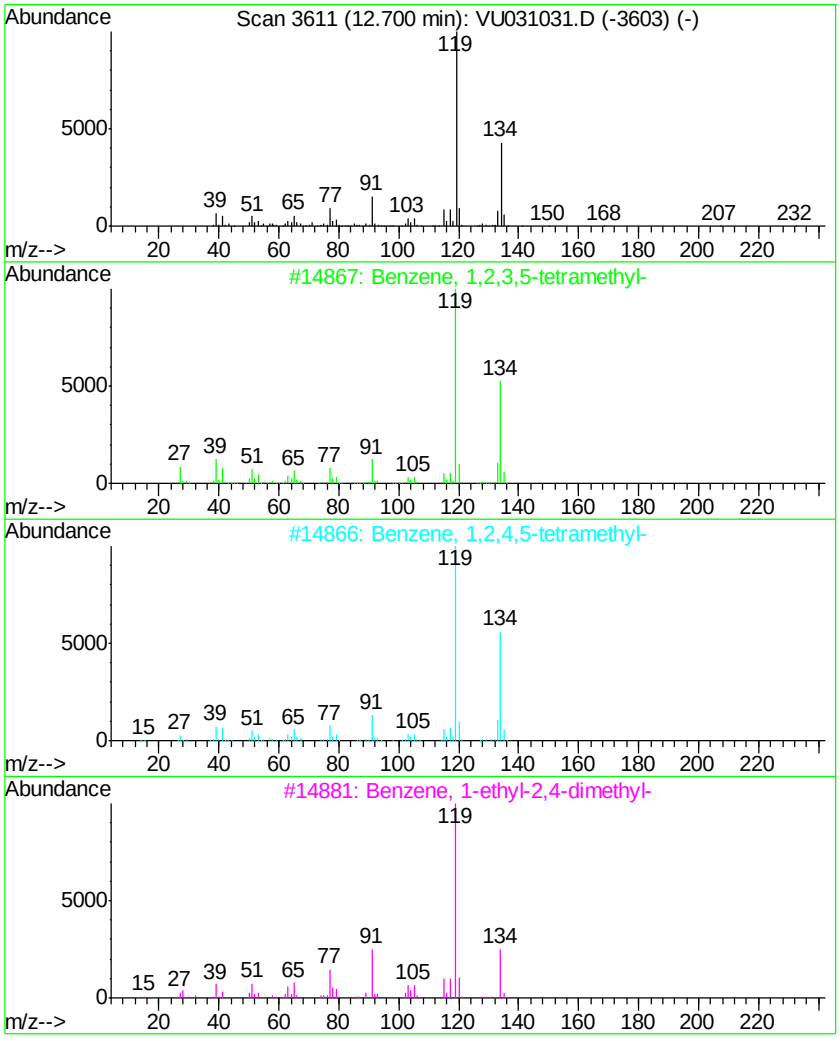
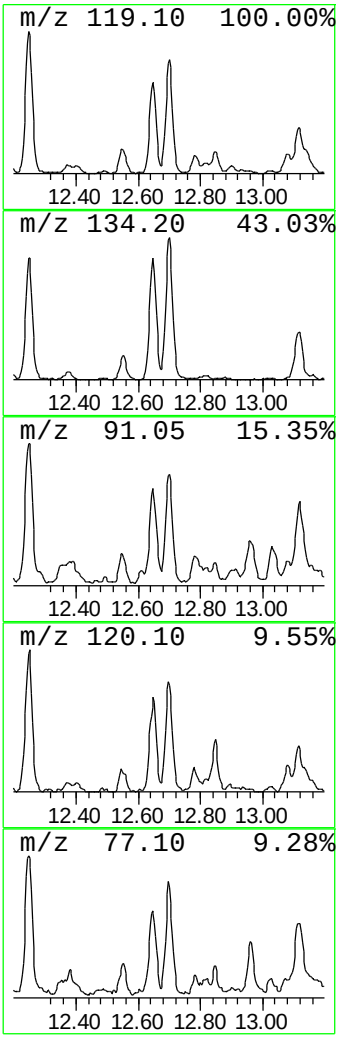
Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	12.42 ug/L	392659	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
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_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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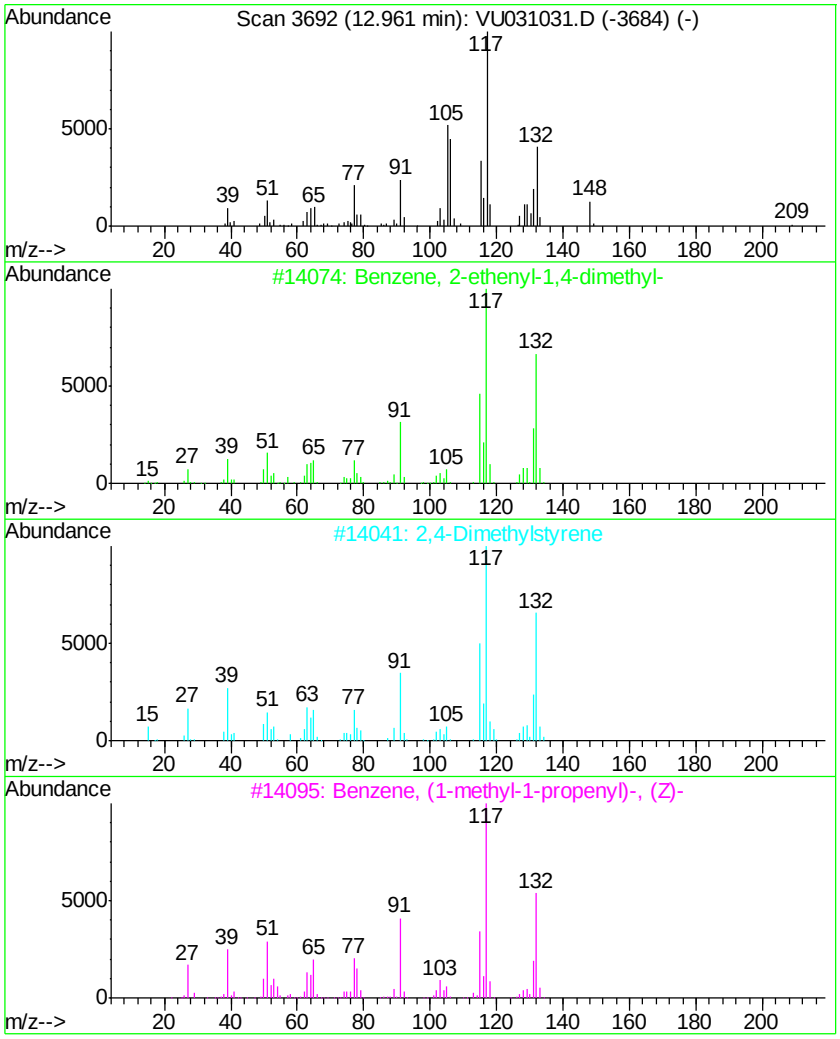
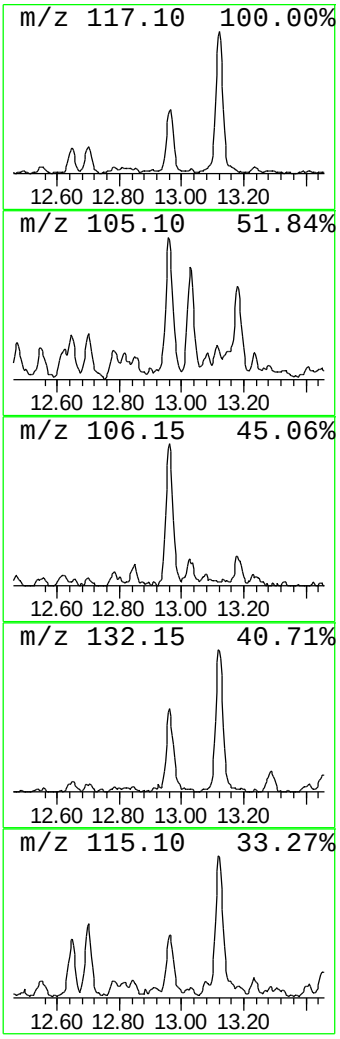
Peak Number 28 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.95 ug/L	156396	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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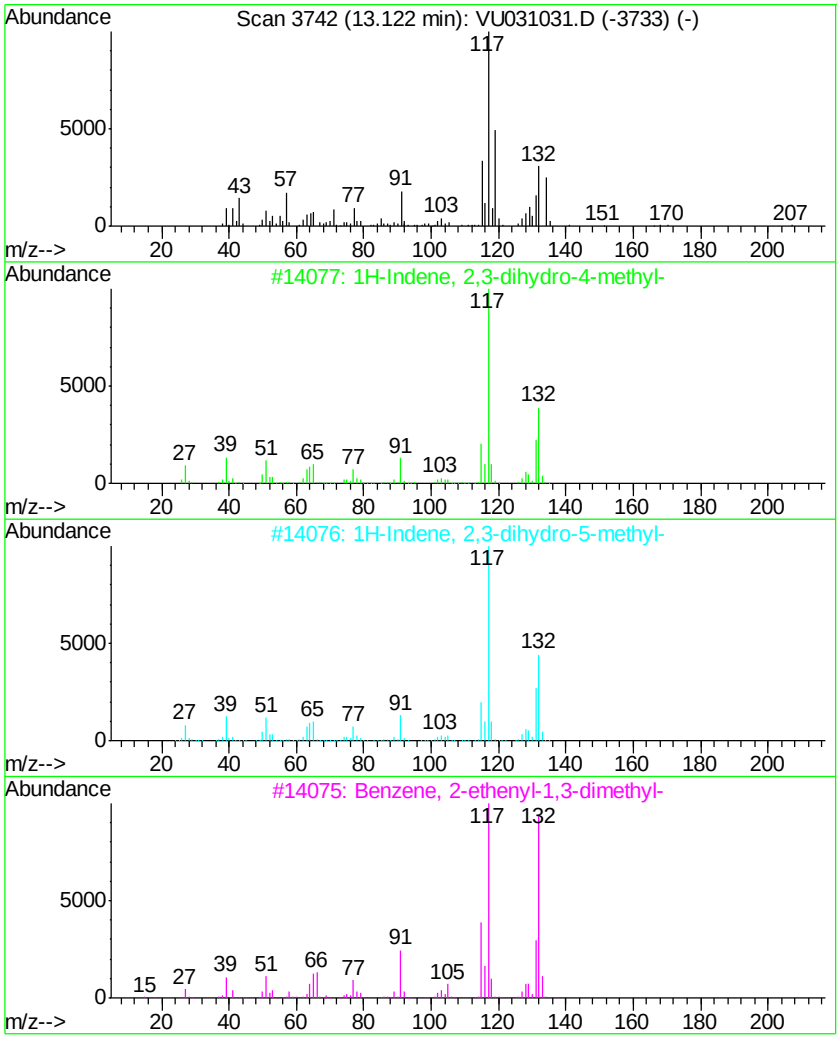
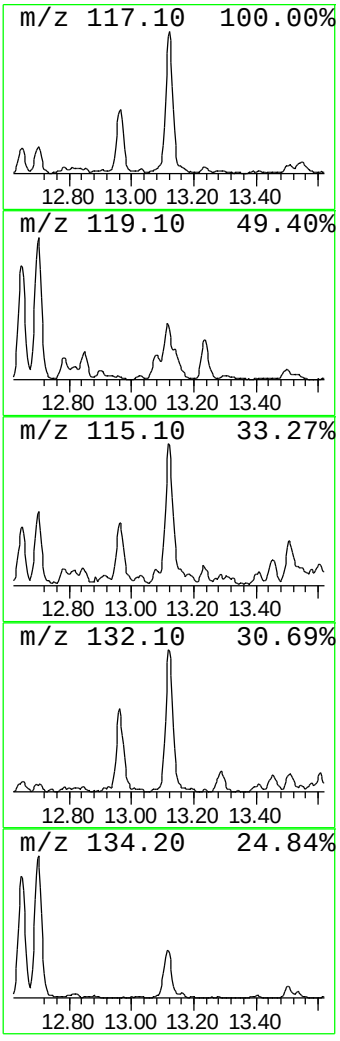
Peak Number 29 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	15.47 ug/L	489086	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	60
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	58
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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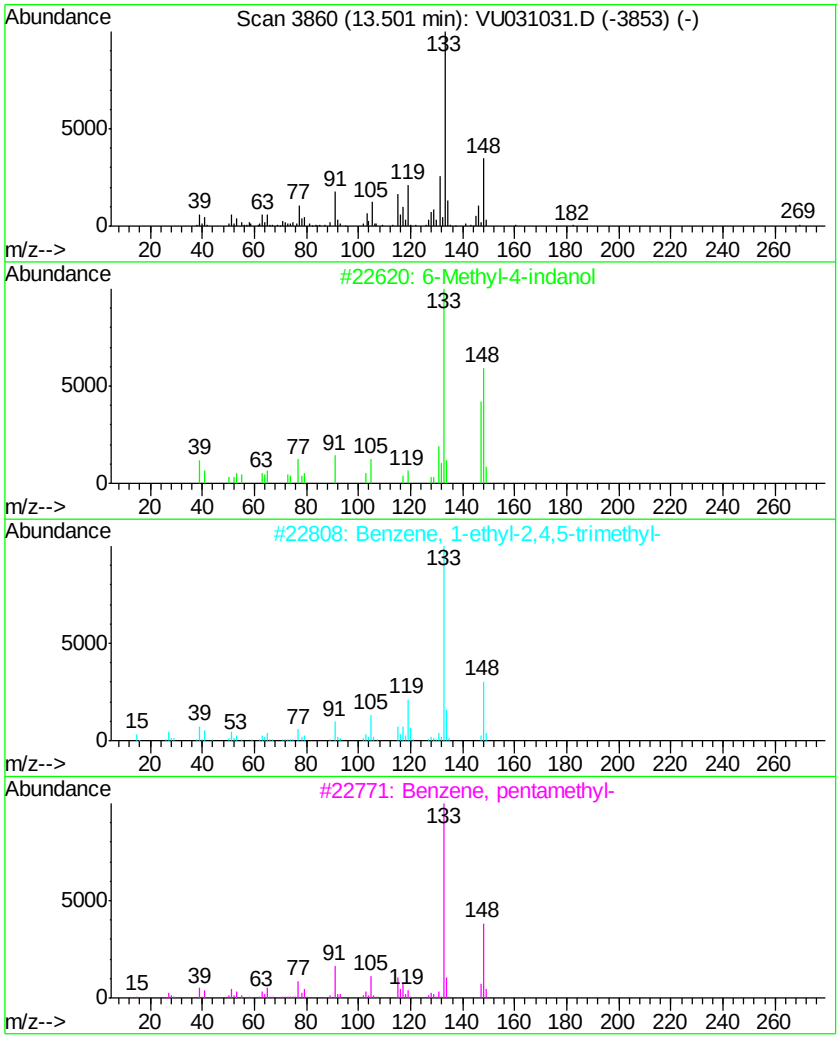
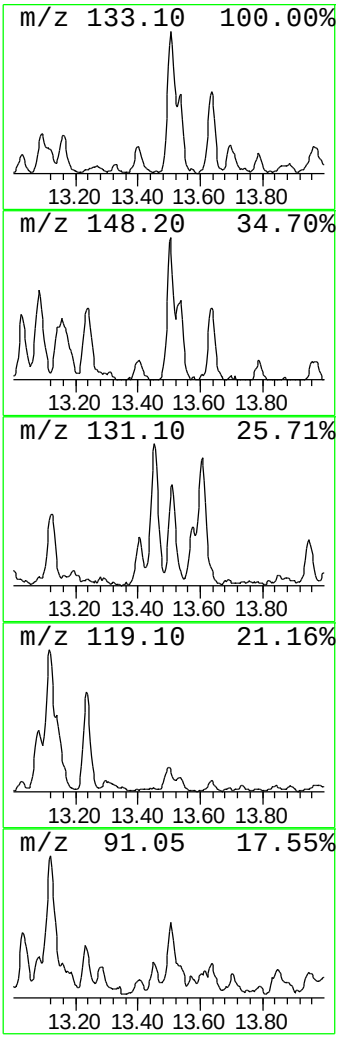
Peak Number 30 6-Methyl-4-indanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.83 ug/L	152523	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	87
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	68
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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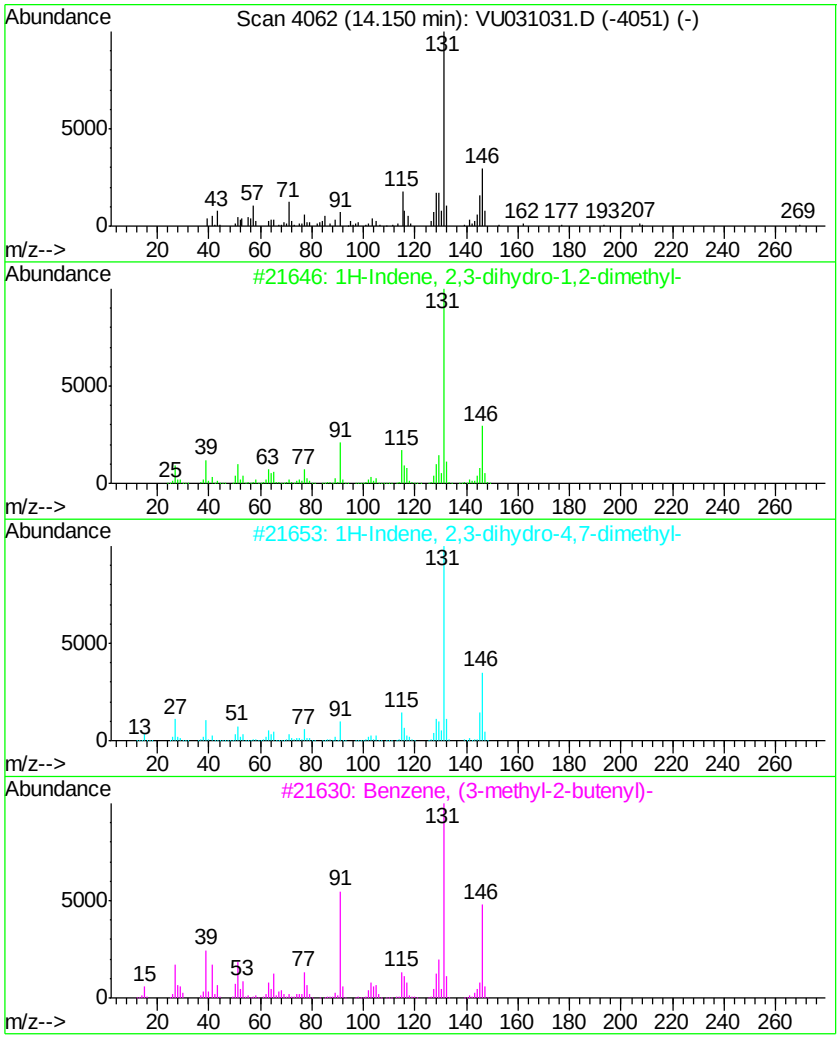
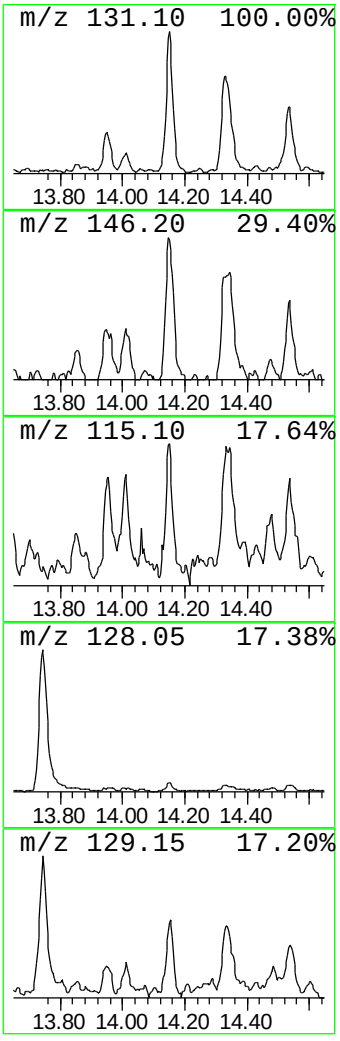
Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.35 ug/L	105906	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

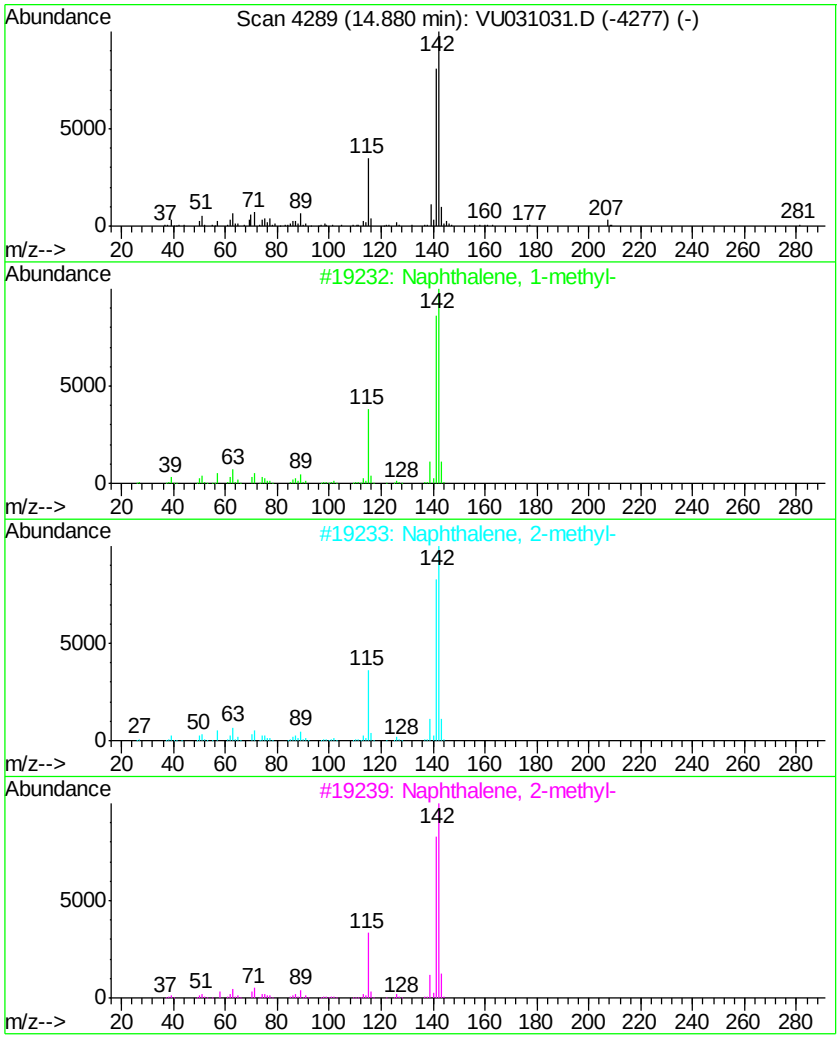
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

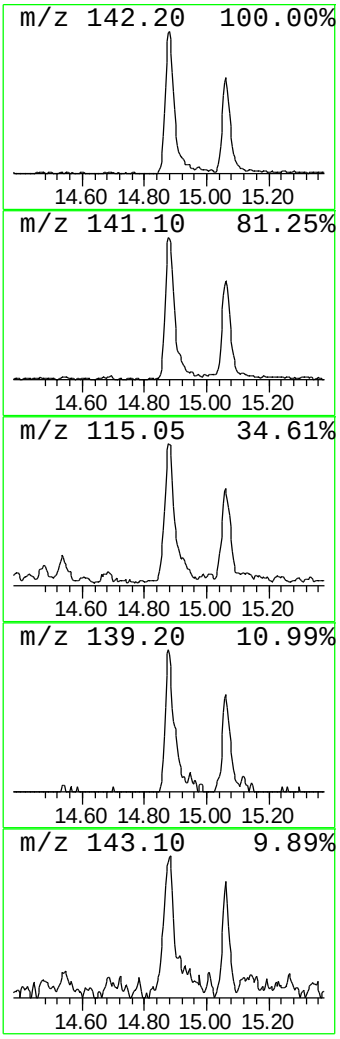
****

Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.52 ug/L	237690	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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...	5.20	4.0	ug/L	92999	1	5.88	1169210	50.0
(DEL) Alkane: Str...	5.52	3.8	ug/L	88830	1	5.88	1169210	50.0
(DEL) Alkane: Str...	5.77	2.6	ug/L	60897	1	5.88	1169210	50.0
(DEL) Alkane: Str...	6.92	3.3	ug/L	76021	1	5.88	1169210	50.0
(DEL) Alkane: Str...	7.04	3.2	ug/L	75687	1	5.88	1169210	50.0
(DEL) Alkane: Str...	7.17	2.6	ug/L	60230	1	5.88	1169210	50.0
(DEL) Alkane: Str...	7.33	4.3	ug/L	99427	1	5.88	1169210	50.0
(DEL) Alkane: Str...	8.91	2.8	ug/L	83335	2	9.09	1475290	50.0
(DEL) Alkane: Str...	9.44	2.8	ug/L	81322	2	9.09	1475290	50.0
Benzene, propyl-	10.59	5.0	ug/L	157740	3	11.48	1580310	50.0
Benzene, 1-ethyl-...	10.68	9.4	ug/L	297963	3	11.48	1580310	50.0
Benzene, 1,2,3-tr...	10.77	5.8	ug/L	184460	3	11.48	1580310	50.0
(DEL) Alkane: Str...	10.81	3.1	ug/L	97395	3	11.48	1580310	50.0
Benzene, 1-ethyl-...	10.97	6.6	ug/L	207817	3	11.48	1580310	50.0
Benzene, 1,4-diet...	11.77	7.2	ug/L	226209	3	11.48	1580310	50.0
Benzene, 1-methyl...	11.81	6.4	ug/L	203576	3	11.48	1580310	50.0
Benzene, 1-methyl...	12.05	3.8	ug/L	120807	3	11.48	1580310	50.0
Benzene, 2-ethyl-...	12.14	6.5	ug/L	203766	3	11.48	1580310	50.0
Benzene, 1-ethyl-...	12.17	5.8	ug/L	183590	3	11.48	1580310	50.0
Benzene, 4-ethyl-...	12.25	15.3	ug/L	484922	3	11.48	1580310	50.0
Benzene, (2-methy...	12.35	3.3	ug/L	105572	3	11.48	1580310	50.0
Benzene, 1-ethyl-...	12.65	9.1	ug/L	286719	3	11.48	1580310	50.0
Benzene, 1,2,3,5-...	12.70	12.4	ug/L	392659	3	11.48	1580310	50.0
Benzene, 2-etheny...	12.96	5.0	ug/L	156396	3	11.48	1580310	50.0
1H-Indene, 2,3-di...	13.12	15.5	ug/L	489086	3	11.48	1580310	50.0
6-Methyl-4-indanol	13.50	4.8	ug/L	152523	3	11.48	1580310	50.0
1H-Indene, 2,3-di...	14.15	3.4	ug/L	105906	3	11.48	1580310	50.0
Naphthalene, 1-me...	14.88	7.5	ug/L	237690	3	11.48	1580310	50.0