LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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\SOMULM042719WMA.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	1.395	87	95	109	rBV	609048	819524	0.48%	0.085%
2	1.678	176	183	199	rBV	400156	636623	0.37%	0.066%
3	2.247	349	360	375	rBV	1229746	1959594	1.14%	0.204%
4	2.453	418	424	430	rBV5	4620	5881	0.00%	0.001%
5	2.521	440	445	452	rBV8	2983	4318	0.00%	0.000%
6	2.665	485	490	491	rBV3	3637	2766	0.00%	0.000%
7	2.694	492	499	506	rVV7	7459	13817	0.01%	0.001%
8	2.820	532	538	540	rBV5	2507	2147	0.00%	0.000%
9	2.836	540	543	546	rVV3	1605	1262	0.00%	0.000%
10	2.993	588	592	596	rVB7	1525	1387	0.00%	0.000%
11	3.016	596	599	603	rBV3	1540	1283	0.00%	0.000%
12	3.048	606	609	613	rBV5	1253	850	0.00%	0.000%
13	3.112	622	629	633	rVB3	1724	2257	0.00%	0.000%
14	3.180	647	650	652	rBV3	1250	884	0.00%	0.000%
15	3.270	674	678	679	rBV2	2431	1625	0.00%	0.000%
16	3.325	692	695	699	rBV2	1982	1668	0.00%	0.000%
17	3.360	703	706	711	rBV5	1429	1497	0.00%	0.000%
18	3.472	738	741	745	rVB4	1201	1010	0.00%	0.000%
19	3.527	752	758	761	rBV6	1342	1186	0.00%	0.000%
20	3.582	771	775	776	rBV3	1305	813	0.00%	0.000%
21	3.640	788	793	797	rBV6	1562	1560	0.00%	0.000%
22	3.733	818	822	825	rBV3	1146	875	0.00%	0.000%
23	3.759	825	830	833	rBV4	1522	1431	0.00%	0.000%
24	3.800	839	843	846	rBV3	1120	875	0.00%	0.000%
25	3.842	852	856	858	rBV3	1035	932	0.00%	0.000%
26	3.942	881	887	889	rBV5	986	891	0.00%	0.000%
27	4.022	909	912	914	rBV3	1339	902	0.00%	0.000%
28	4.067	924	926	931	rVB3	1231	899	0.00%	0.000%
29	4.099	931	936	937	rBV4	1085	970	0.00%	0.000%
30	4.202	953	968	1014	rBV2	303569	1577643	0.92%	0.164%
31	4.643	1087	1105	1143	rBV	823494	2220982	1.29%	0.231%
32	4.968	1202	1206	1207	rBV4	2364	1505	0.00%	0.000%
33	5.218	1281	1284	1290	rVB6	1215	1215	0.00%	0.000%
34	5.331	1290	1319	1361	rBV2	2003015	5878551	3.41%	0.612%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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\SOMULM042719WMA.M
Title : VOC Analysis

35	5.607	1400	1405	1406	rBV3	3015	2428	0.00%	0.000%
36	5.881	1472	1490	1529	rBV	2284245	5175842	3.00%	0.539%
37	6.183	1568	1584	1597	rBV8	24185	62824	0.04%	0.007%
38	6.324	1613	1628	1658	rBV	1185109	2723083	1.58%	0.284%
39	6.550	1695	1698	1701	rVB4	1994	1384	0.00%	0.000%
40	6.582	1704	1708	1711	rBV4	2561	1916	0.00%	0.000%
41	6.604	1712	1715	1720	rVB6	1657	1026	0.00%	0.000%
42	6.688	1739	1741	1744	rVB3	1731	885	0.00%	0.000%
43	6.717	1744	1750	1753	rBV6	2051	1782	0.00%	0.000%
44	6.768	1760	1766	1770	rVB6	1555	1420	0.00%	0.000%
45	6.849	1788	1791	1794	rBV2	1625	822	0.00%	0.000%
46	6.874	1794	1799	1801	rBV4	2104	1844	0.00%	0.000%
47	7.183	1891	1895	1896	rBV4	1825	1422	0.00%	0.000%
48	7.228	1896	1909	1943	rVV	596840	1310884	0.76%	0.137%
49	7.504	1990	1995	1998	rBV5	2451	2454	0.00%	0.000%
50	7.562	1998	2013	2026	rVV	2278142	4363900	2.53%	0.454%
51	7.636	2026	2036	2067	rVB	1136335	2307084	1.34%	0.240%
52	7.852	2093	2103	2125	rVB	383197	835149	0.48%	0.087%
53	8.218	2211	2217	2218	rBV4	6100	4985	0.00%	0.001%
54	8.270	2231	2233	2235	rBV2	1612	848	0.00%	0.000%
55	8.337	2239	2254	2293	rBV	1498005	3785695	2.20%	0.394%
56	8.906	2425	2431	2440	rVB5	25136	39132	0.02%	0.004%
57	9.029	2463	2469	2476	rVB3	31950	42183	0.02%	0.004%
58	9.093	2476	2489	2511	rBV	3262679	6306965	3.66%	0.657%
59	9.250	2523	2538	2564	rBV2	33911465	59829193	34.70%	6.230%
60	9.379	2565	2578	2590	rVV	15019339	26541733	15.39%	2.764%
61	9.440	2591	2597	2622	rVV	844875	1389958	0.81%	0.145%
62	9.556	2626	2633	2652	rVB8	115734	240522	0.14%	0.025%
63	9.781	2690	2703	2736	rVB4	19671563	37820884	21.94%	3.938%
64	9.948	2748	2755	2765	rVB2	512469	783356	0.45%	0.082%
65	10.041	2777	2784	2792	rBV4	366723	590909	0.34%	0.062%
66	10.167	2814	2823	2832	rBV	387357	657320	0.38%	0.068%
67	10.440	2897	2908	2917	rBV2	1852615	3588858	2.08%	0.374%
68	10.588	2945	2954	2962	rBV	1042682	1589557	0.92%	0.166%
69	10.704	2978	2990	2998	rBV	2176940	3880536	2.25%	0.404%
70	10.771	2999	3011	3017	rVV	5452992	9808035	5.69%	1.021%
71	10.810	3018	3023	3035	rVB	5559538	7924804	4.60%	0.825%

LSC Area Percent Report

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Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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\SOMULM042719WMA.M
Title : VOC Analysis

72	10.974	3065	3074	3075	rBV2	1561464	1888468	1.10%	0.197%
73	11.115	3110	3118	3119	rBV	2019225	2206196	1.28%	0.230%
74	11.147	3120	3128	3139	rVV	16610802	25841387	14.99%	2.691%
75	11.215	3140	3149	3158	rVV	12706621	19221686	11.15%	2.002%
76	11.266	3158	3165	3176	rVB	6392546	9268580	5.38%	0.965%
77	11.395	3197	3205	3213	rBV3	2944975	4822532	2.80%	0.502%
78	11.482	3224	3232	3241	rBV2	4124414	6204059	3.60%	0.646%
79	11.569	3252	3259	3267	rBV	5952057	8278433	4.80%	0.862%
80	11.700	3295	3300	3310	rVB3	1519240	2083857	1.21%	0.217%
81	11.765	3312	3320	3328	rBV2	3790229	6435906	3.73%	0.670%
82	11.861	3341	3350	3367	rVB9	5832414	13926361	8.08%	1.450%
83	11.983	3376	3388	3396	rBV3	57602356	96101459	55.74%	10.007%
84	12.147	3433	3439	3440	rBV	1305239	1305654	0.76%	0.136%
85	12.356	3497	3504	3509	rBV2	2319616	3498450	2.03%	0.364%
86	12.607	3574	3582	3589	rBV	6807642	10972415	6.36%	1.143%
87	12.704	3603	3612	3630	rBV3	7231058	19870848	11.53%	2.069%
88	12.961	3687	3692	3706	rVB3	3981763	5674201	3.29%	0.591%
89	13.122	3734	3742	3753	rBV3	14969228	25411383	14.74%	2.646%
90	13.183	3755	3761	3772	rVB	11464198	16422875	9.53%	1.710%
91	13.289	3784	3794	3814	rBV5	17774310	37161392	21.55%	3.870%
92	13.507	3856	3862	3869	rBV2	4112363	6201107	3.60%	0.646%
93	13.749	3924	3937	3947	rBV2	80652380	150829316	87.48%	15.706%
94	14.337	4111	4120	4130	rBV6	7770322	15091514	8.75%	1.571%
95	14.884	4277	4290	4300	rBV4	93915532	172409594	100.00%	17.953%
96	15.064	4335	4346	4361	rVB3	47235451	74951859	43.47%	7.805%
97	15.794	4564	4573	4583	rBV	6827325	10822062	6.28%	1.127%
98	15.909	4598	4609	4627	rVB	6995707	11723825	6.80%	1.221%
99	16.054	4645	4654	4661	rBV	4376562	6685697	3.88%	0.696%
100	16.732	4860	4865	4871	rBV	189169	254869	0.15%	0.027%

Sum of corrected areas: 960337230

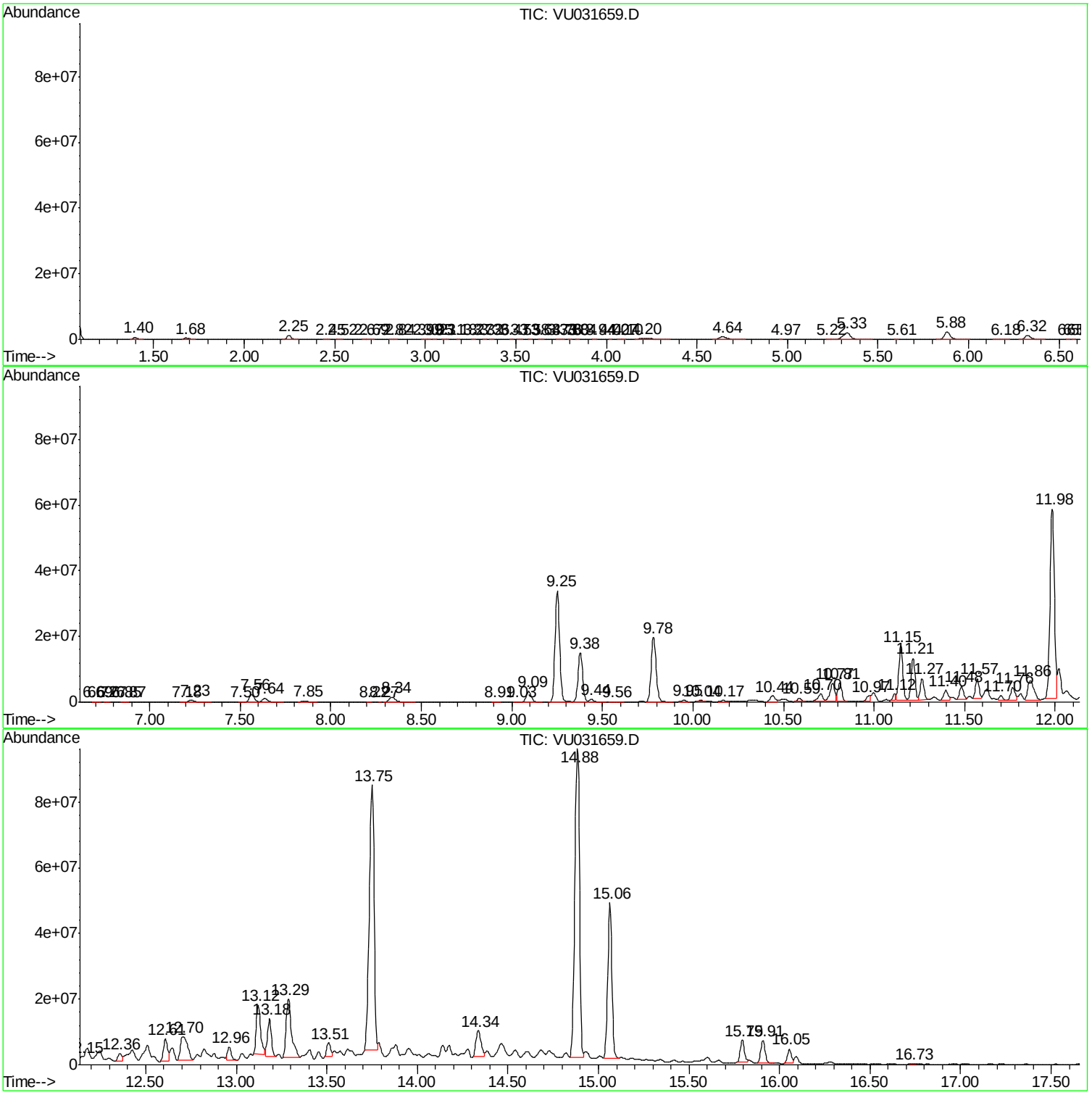
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

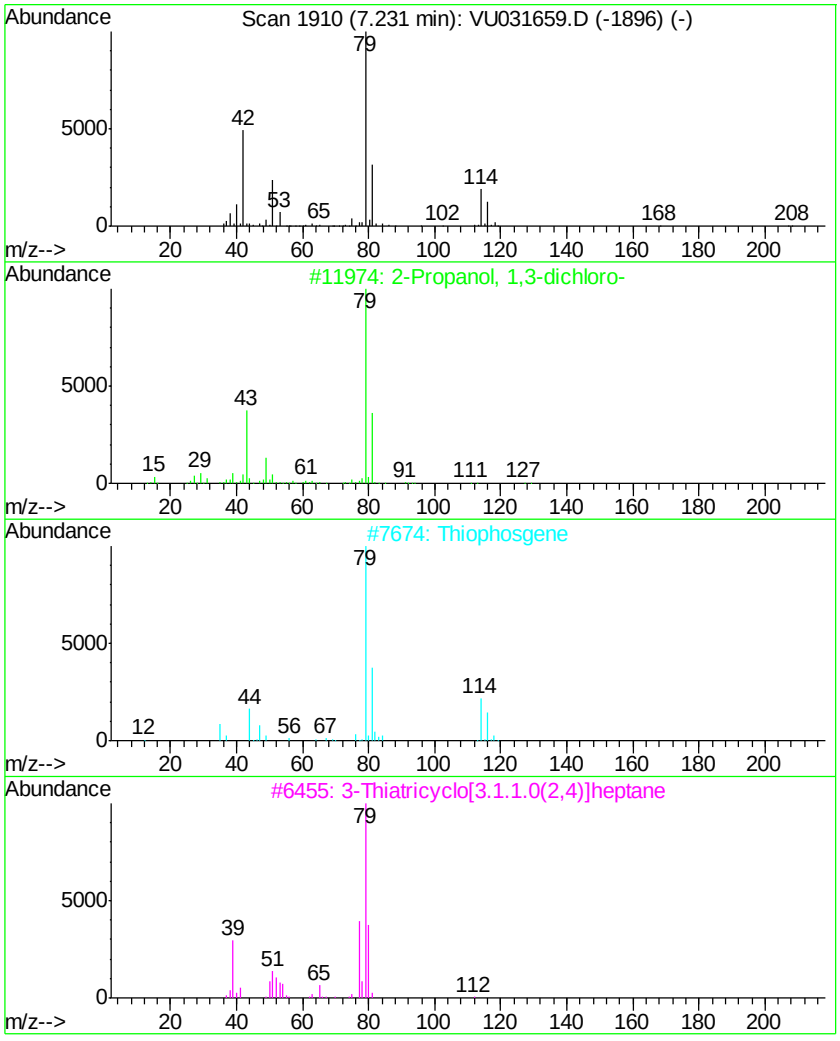
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

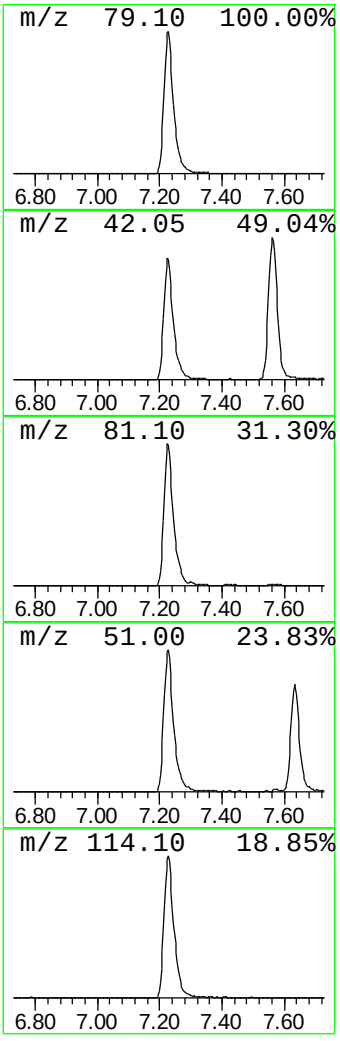
****

Peak Number 1 2-Propanol, 1,3-dichloro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	12.66 ug/L	1310880	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	25
2	Thiophosgene	114	CCl2S	000463-71-8	16
3	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

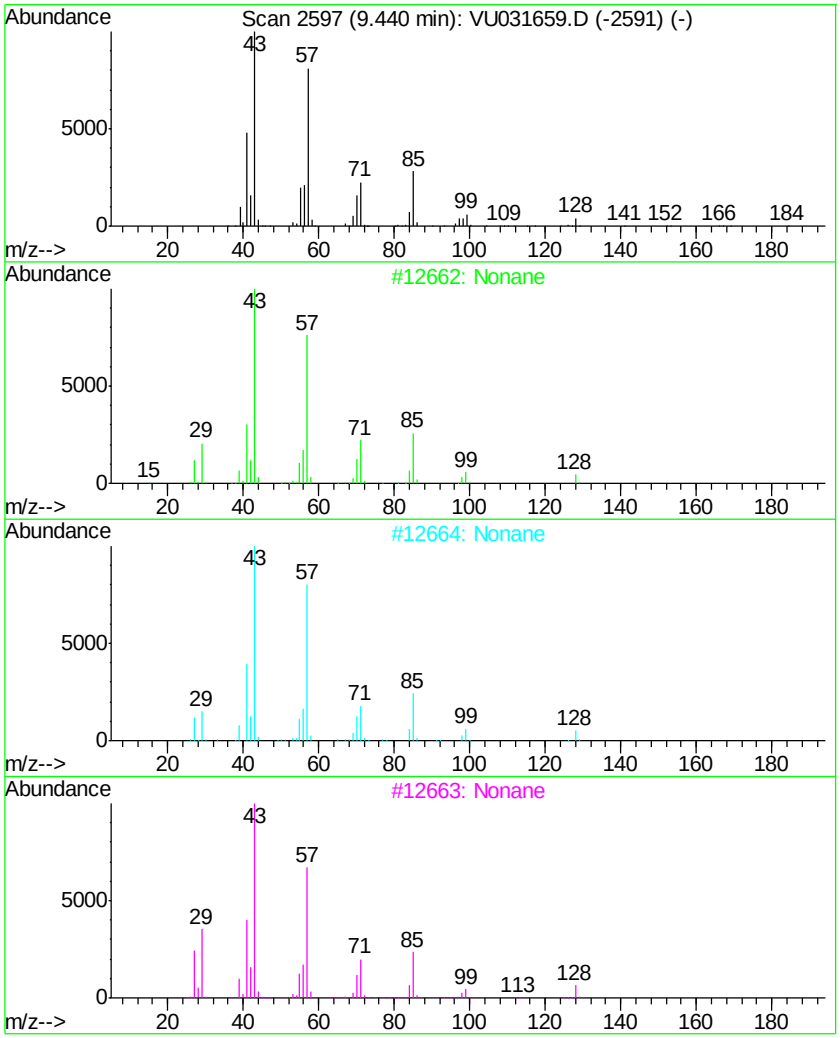
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

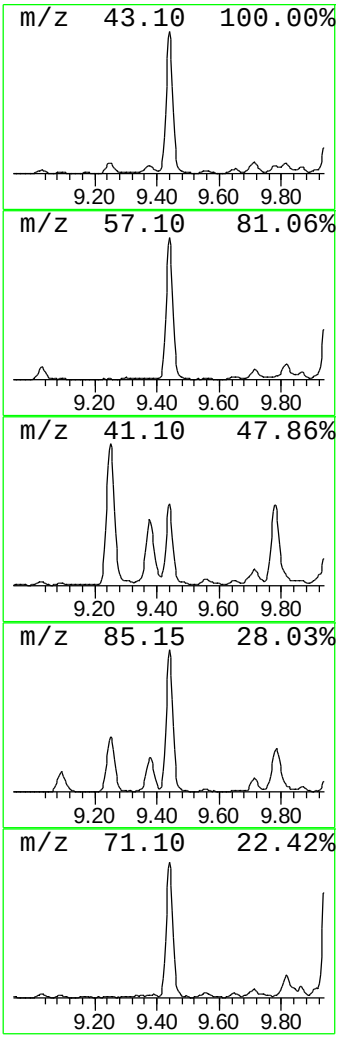
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	11.02 ug/L	1389960	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	87
3	Nonane	128	C9H20	000111-84-2	78
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	Octane	114	C8H18	000111-65-9	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

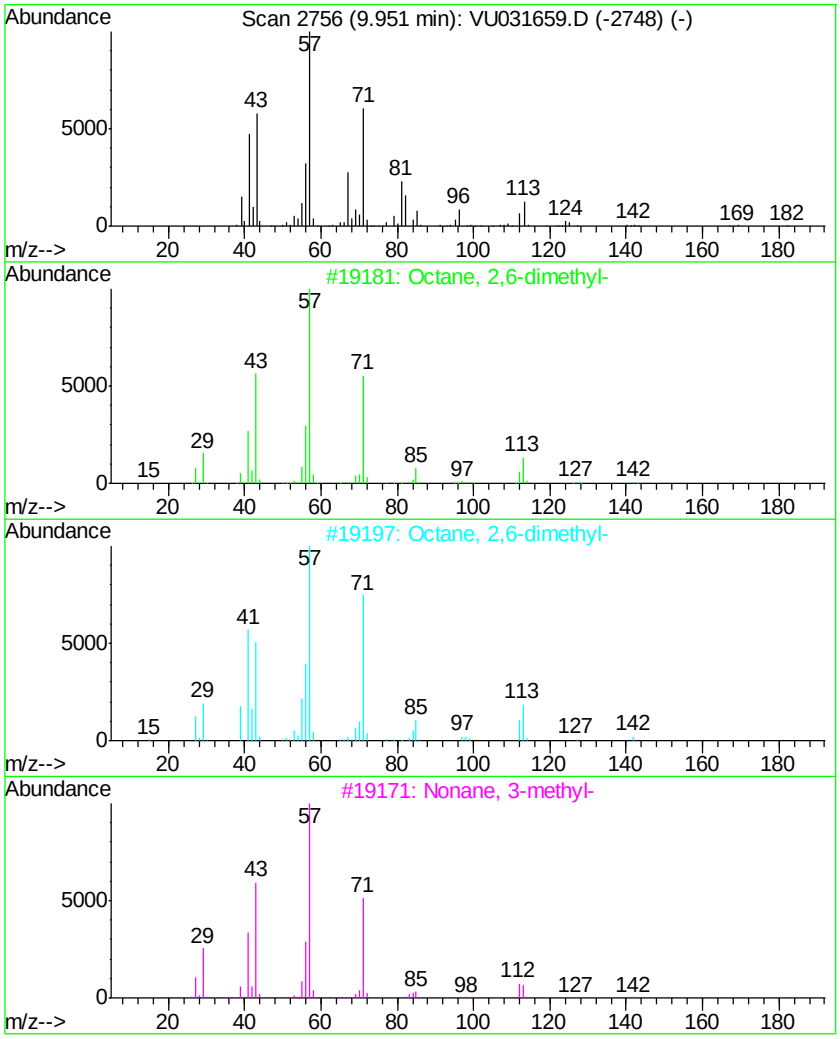
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

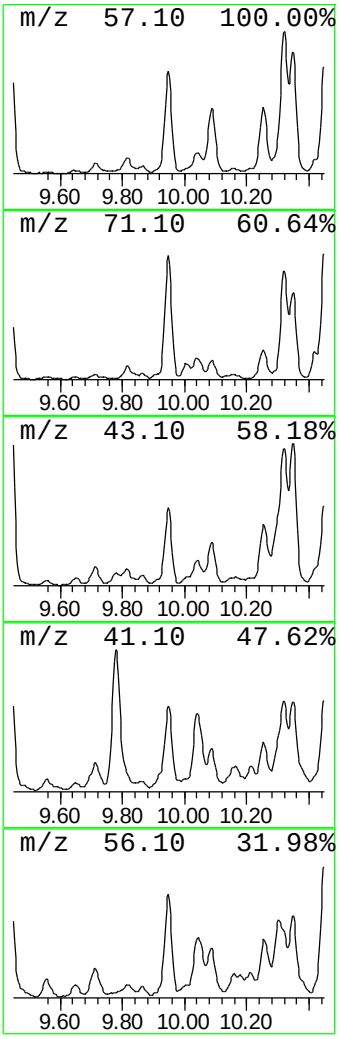
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.21 ug/L	783356	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

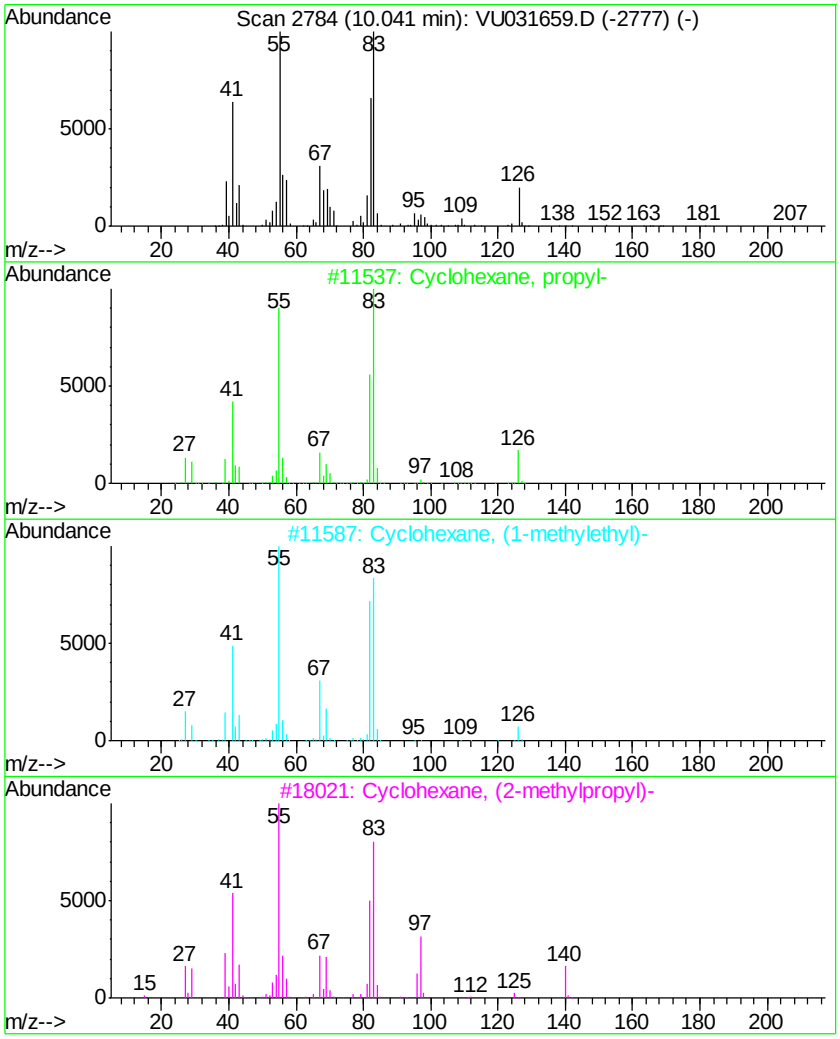
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

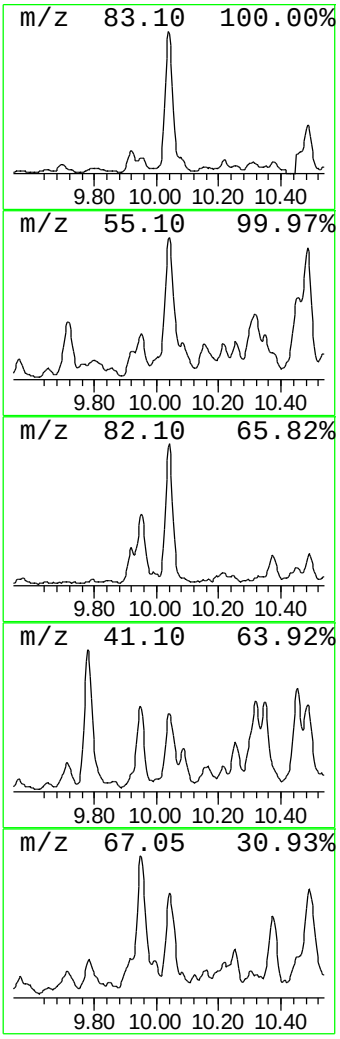
****

Peak Number 4 (DEL) Alkane: Cyclic10.04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	4.68 ug/L	590909	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

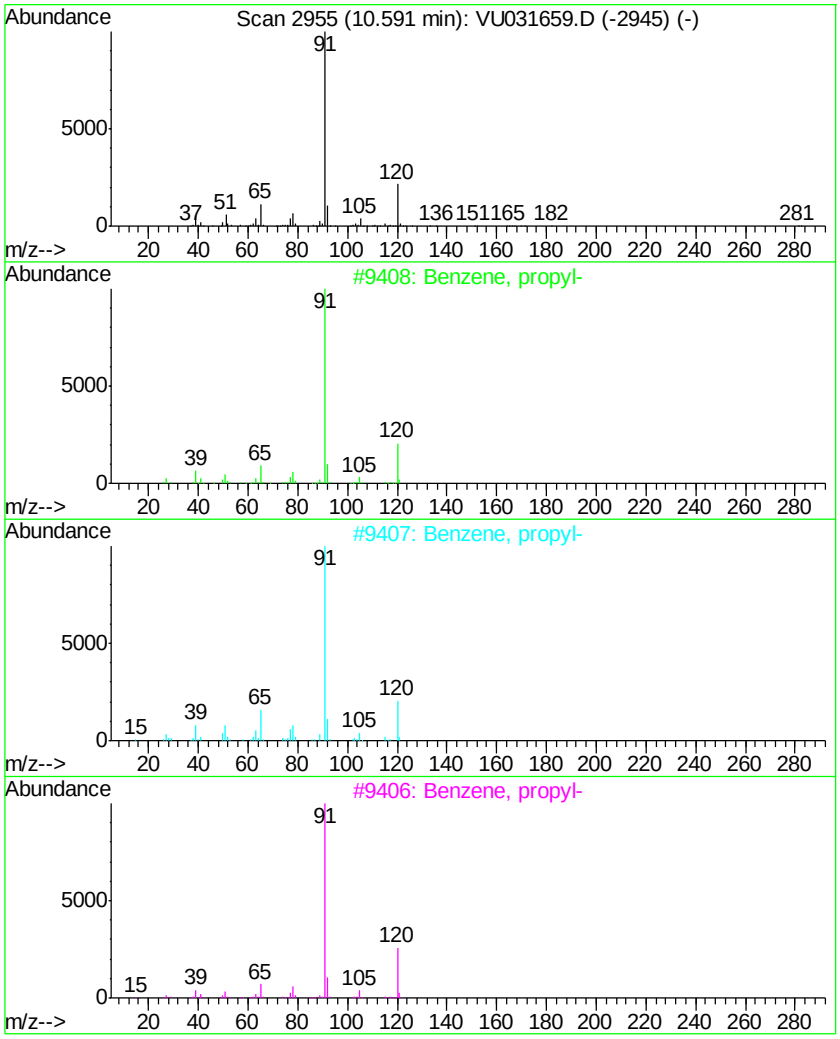
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

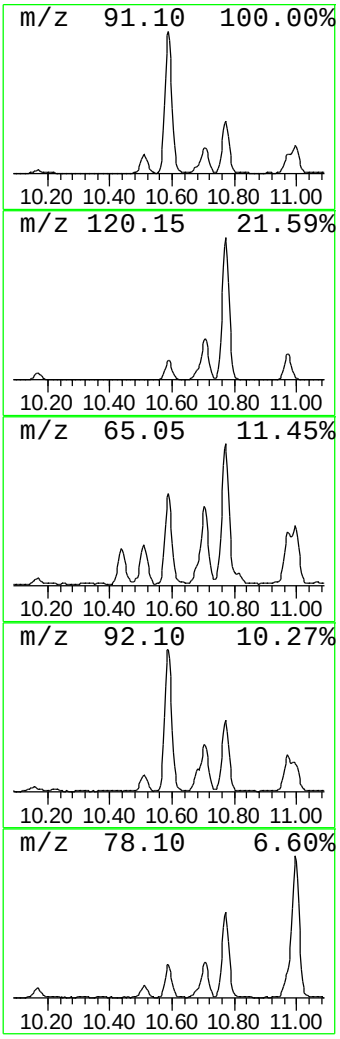
****

Peak Number 5 Benzene, propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	12.81 ug/L	1589560	1,4-Dichlorobenzene-d4	11.48

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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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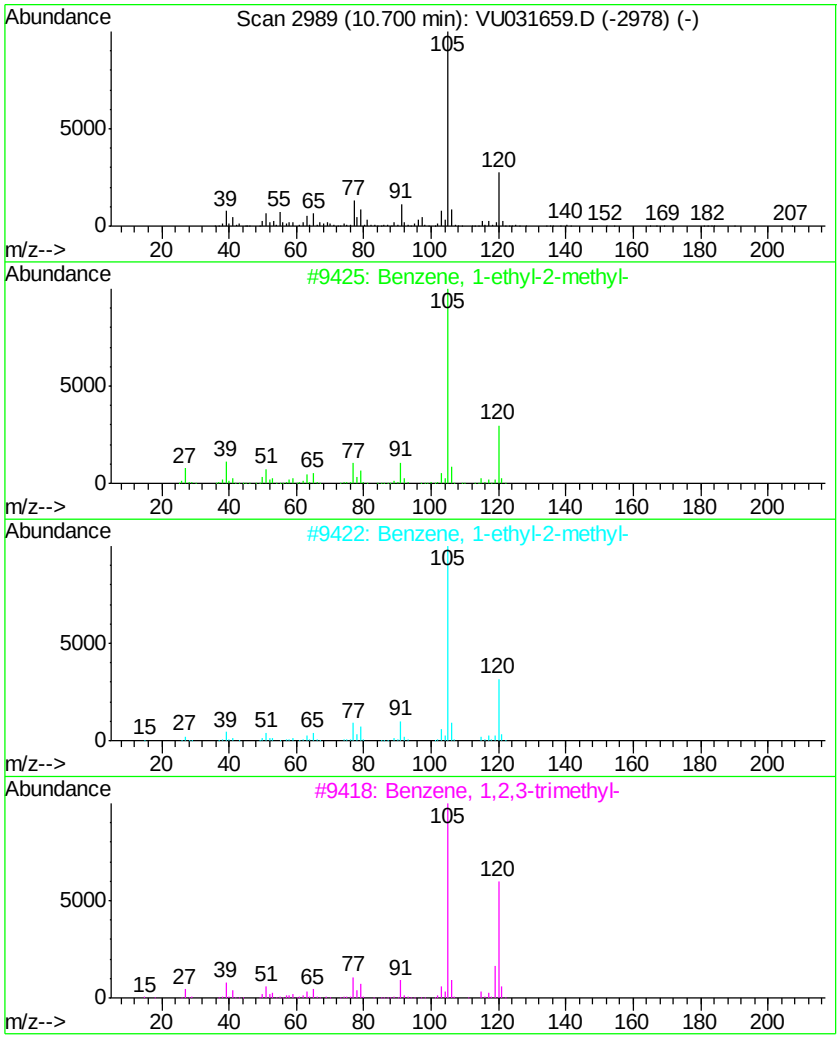
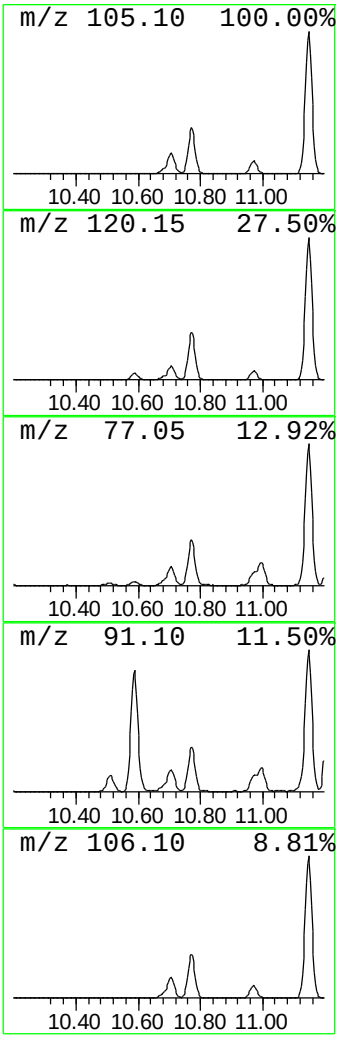
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	31.27 ug/L	3880540	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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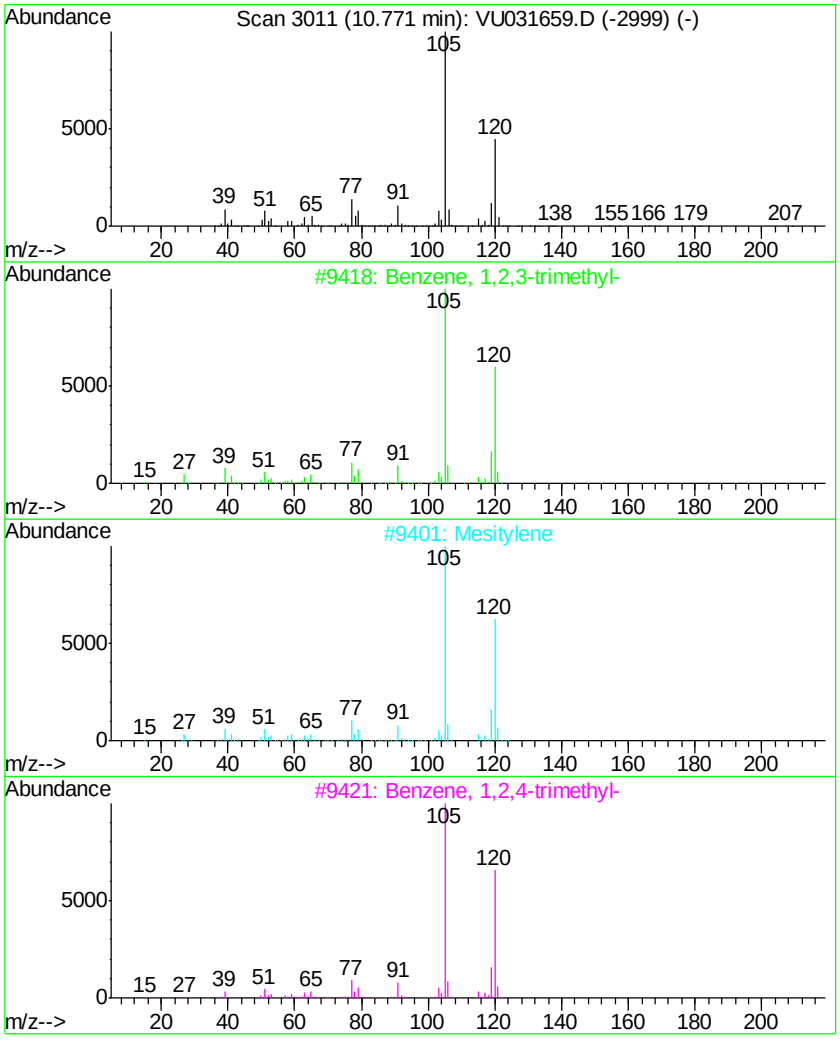
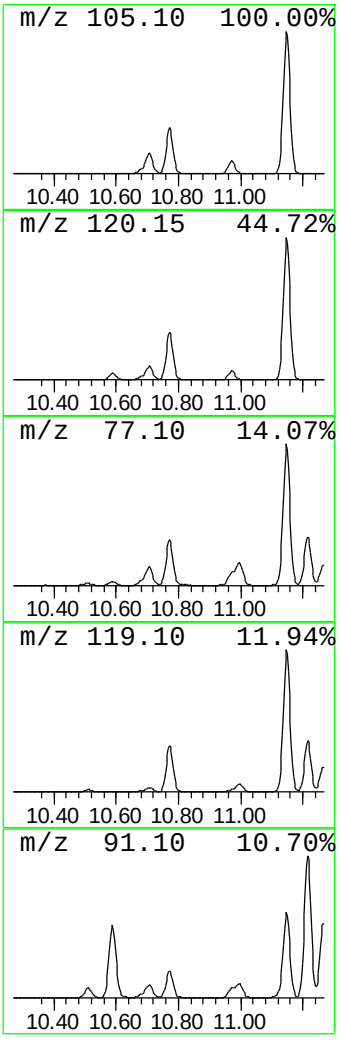
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	79.05 ug/L	9808040	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	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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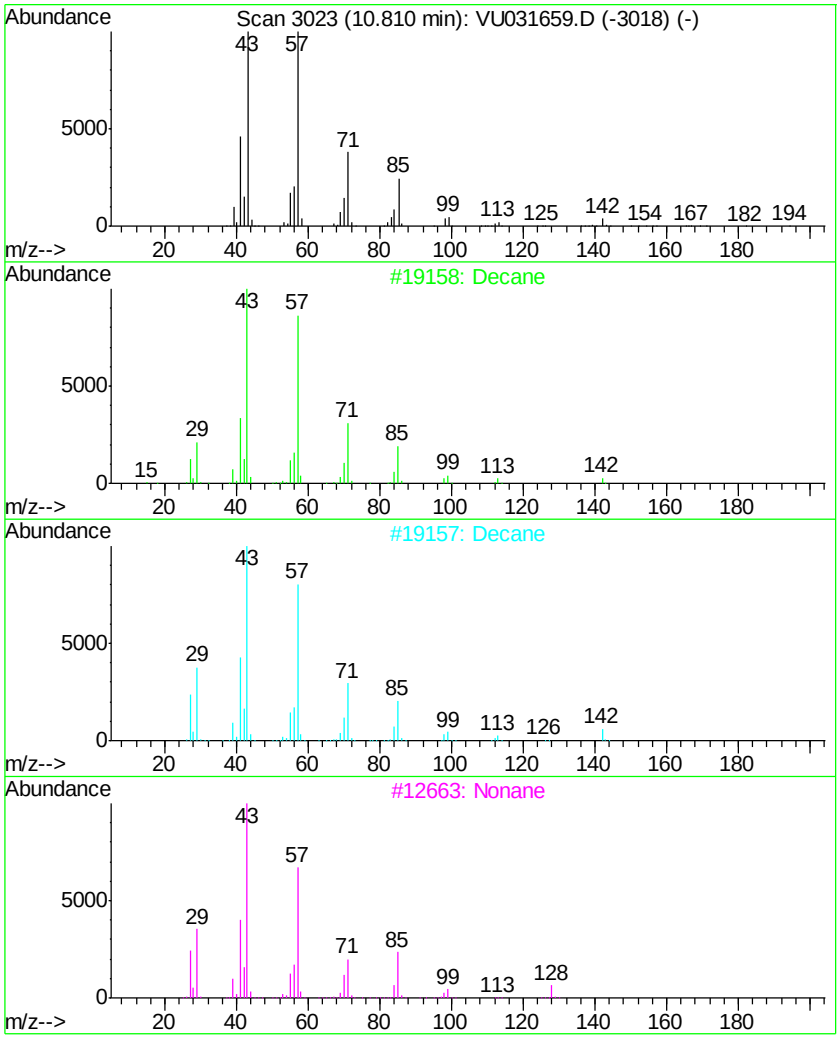
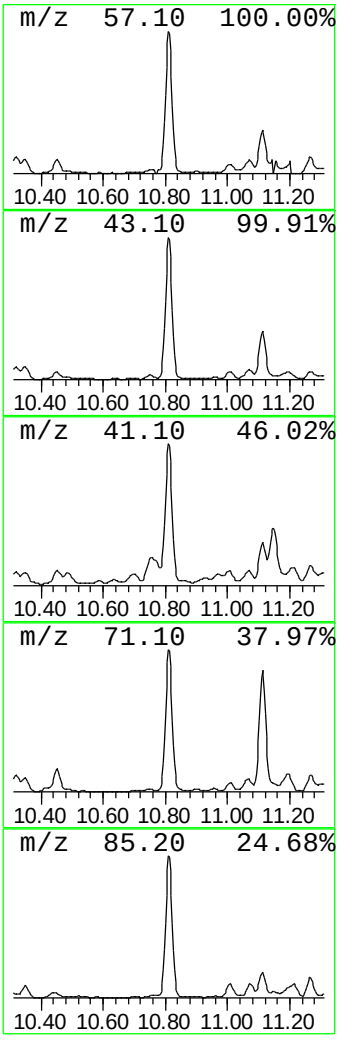
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	63.87 ug/L	7924800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	83
3	Nonane	128	C9H20	000111-84-2	83
4	Tetradecane	198	C14H30	000629-59-4	72
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	68





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Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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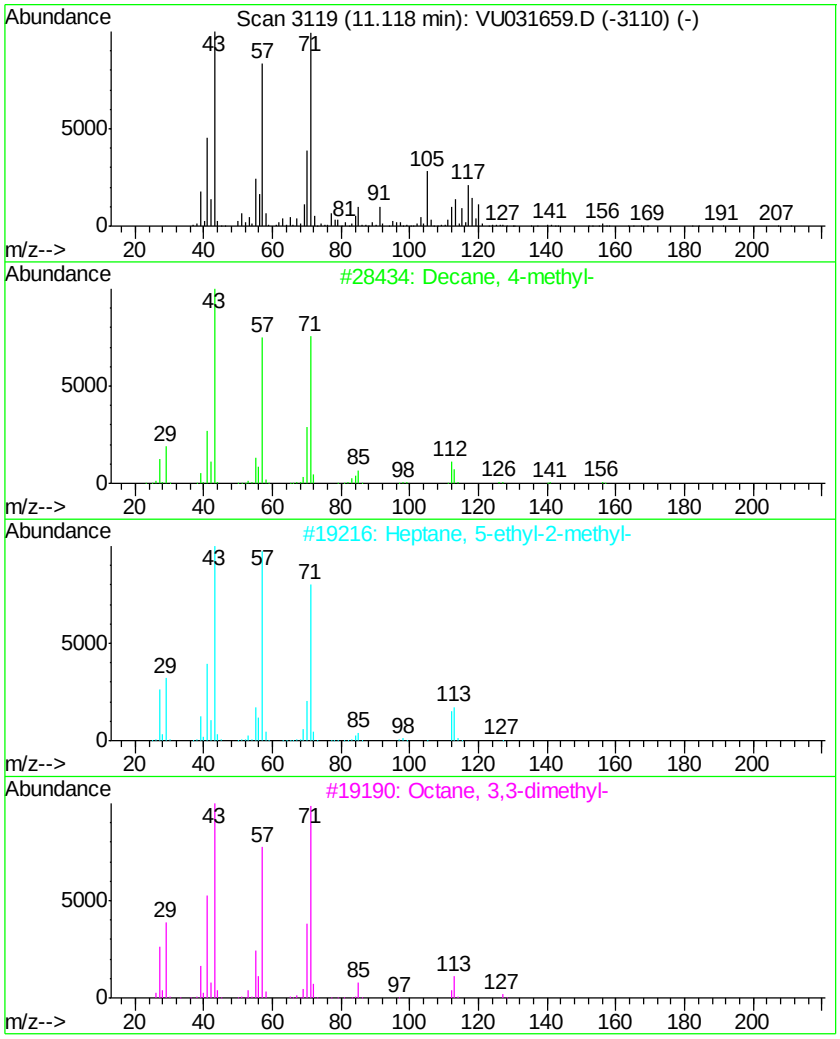
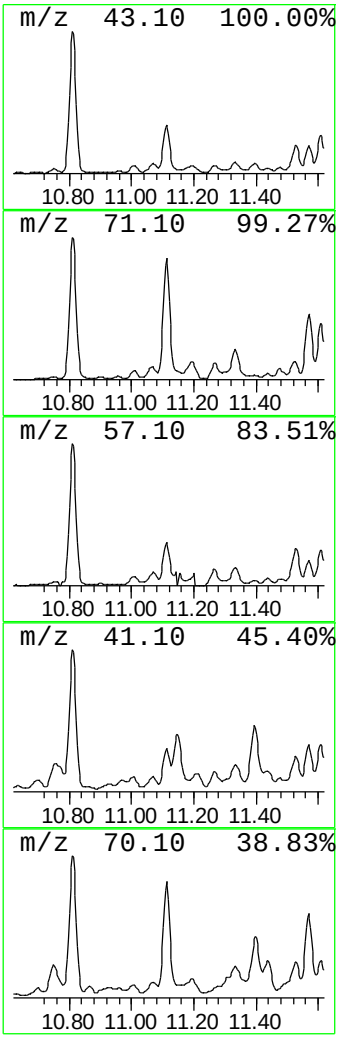
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	17.78 ug/L	2206200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	74
2	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64





Library Search Compound Report

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Data File : VU031659.D
Acq On : 01 May 2019 01:48
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Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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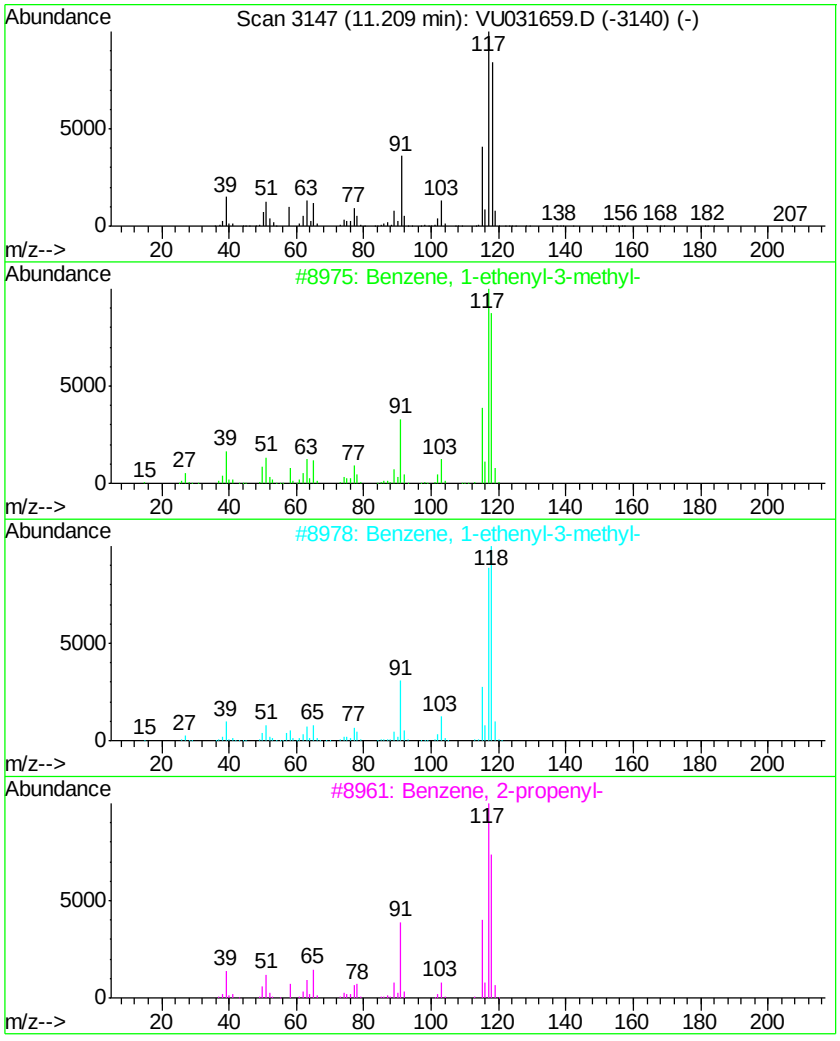
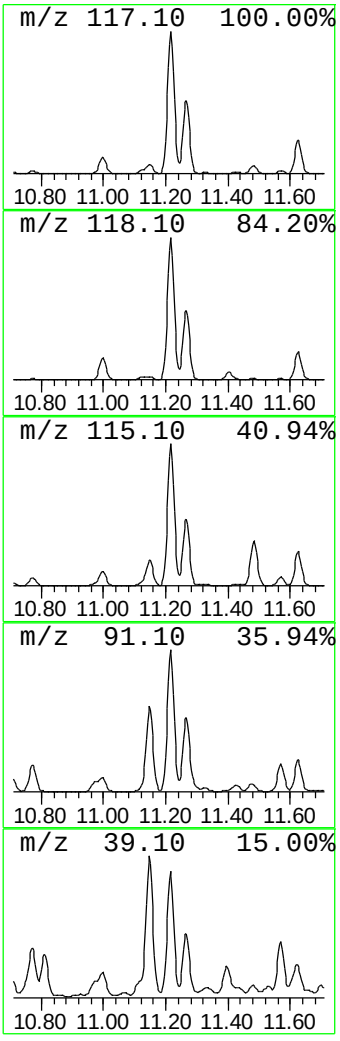
Peak Number 12 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	154.91 ug/L	19221700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





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Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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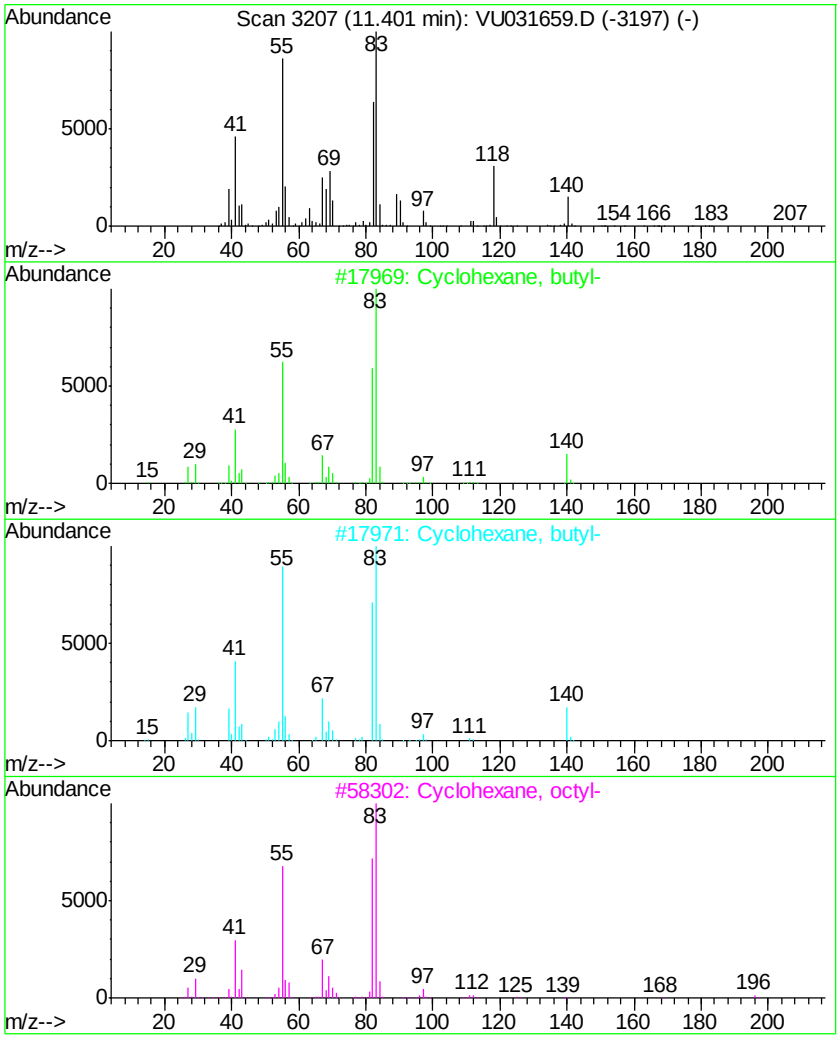
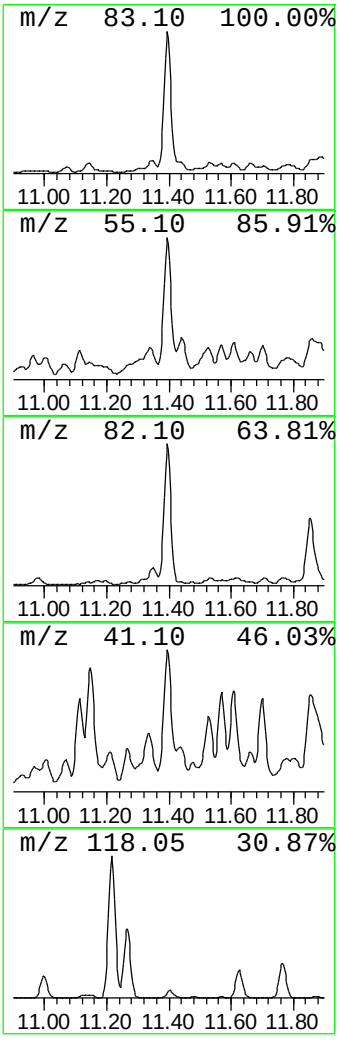
Peak Number 14 (DEL) Alkane: Cyclic11.40 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	38.87 ug/L	4822530	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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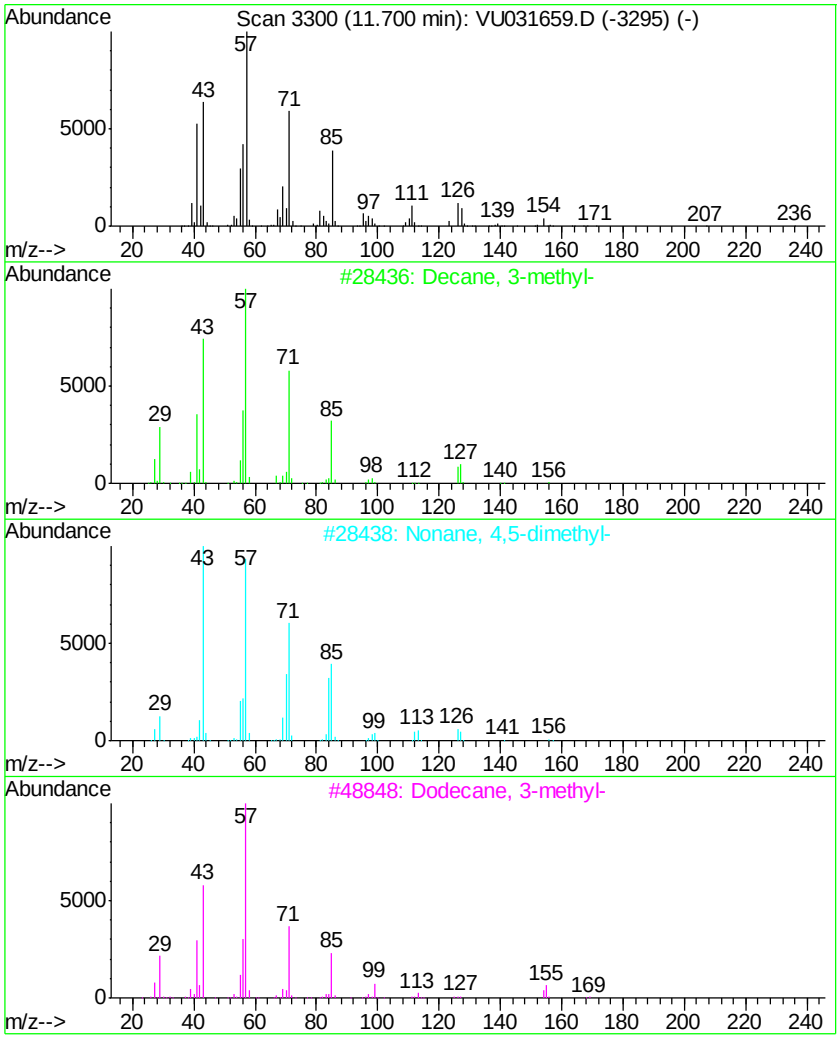
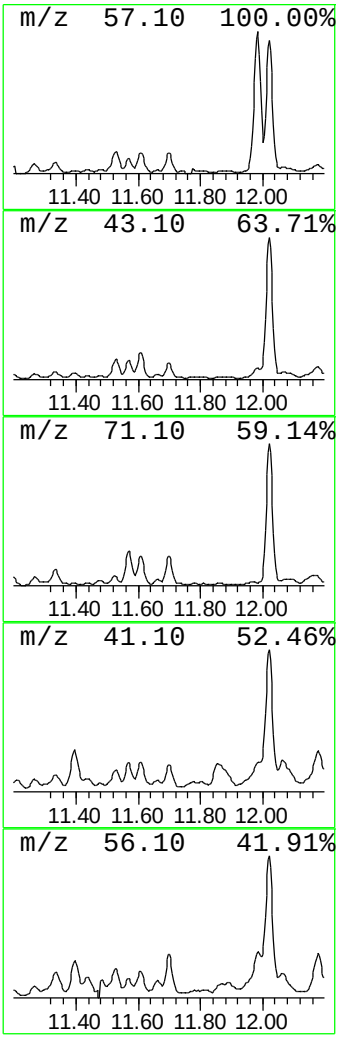
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	16.79 ug/L	2083860	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	78
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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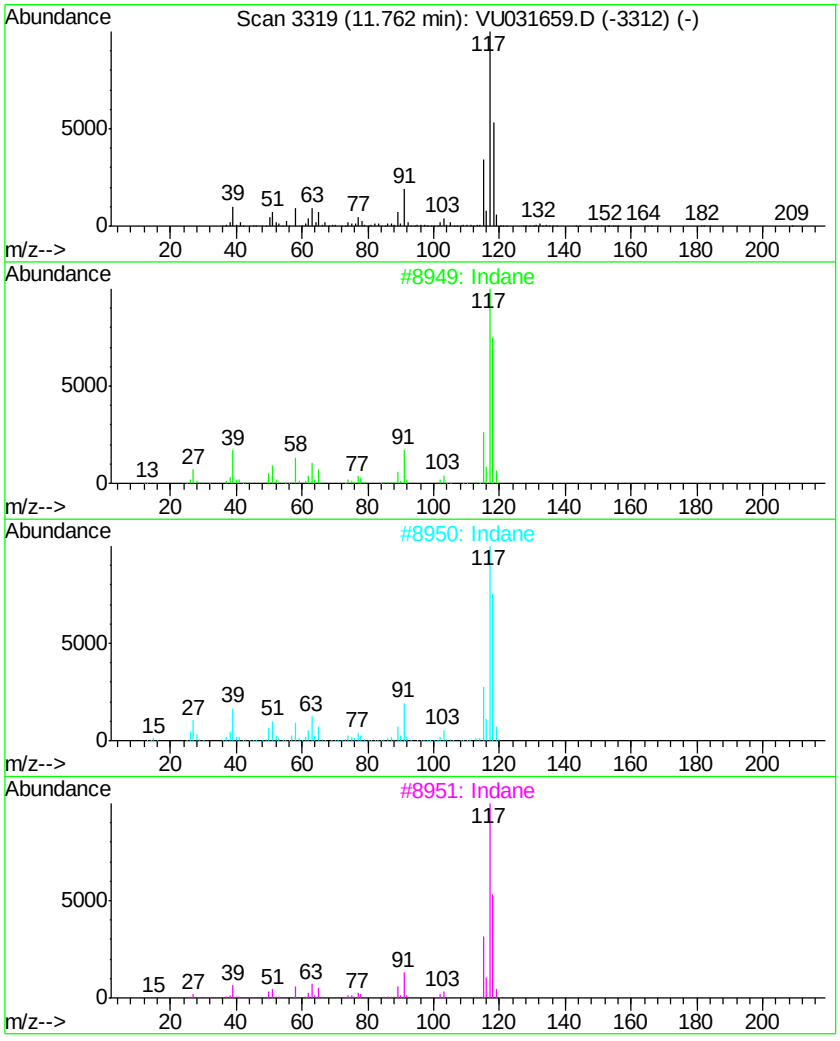
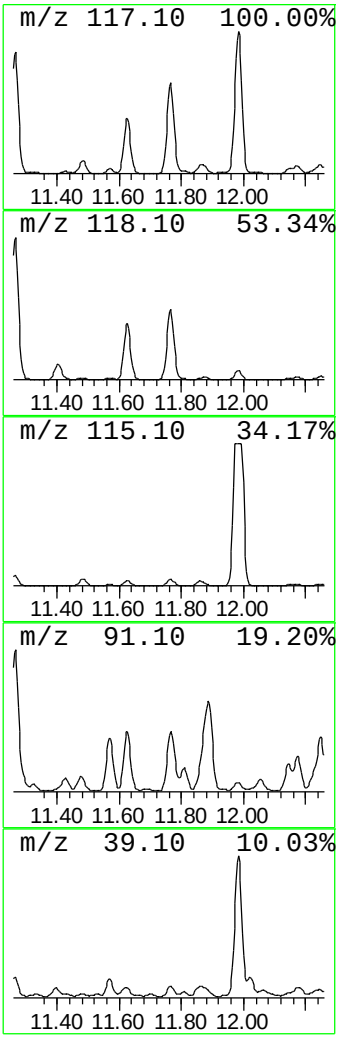
Peak Number 17 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	51.87 ug/L	6435910	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Indane	118	C9H10	000496-11-7	76





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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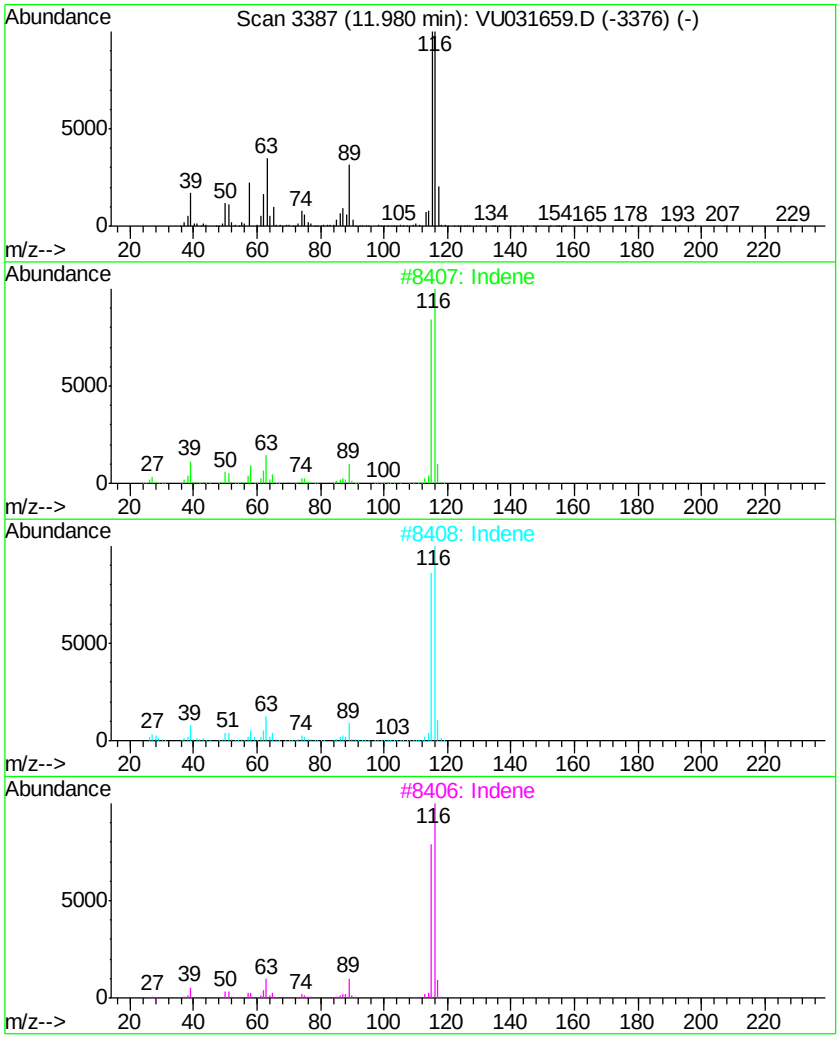
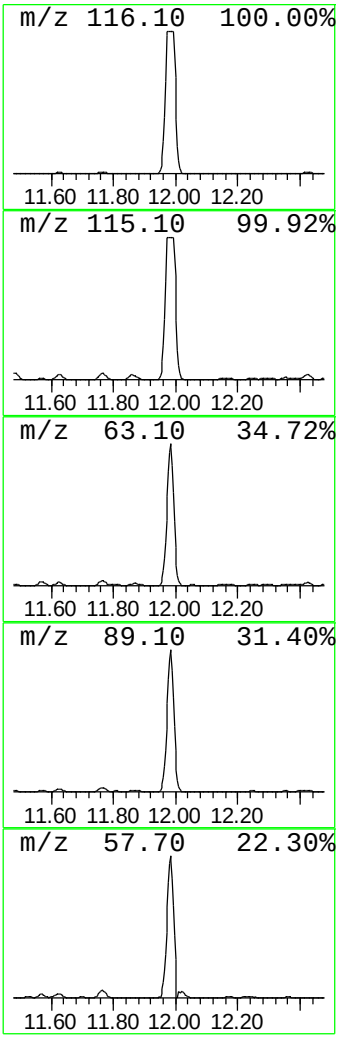
Peak Number 18 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	774.51 ug/L	96101500	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	93
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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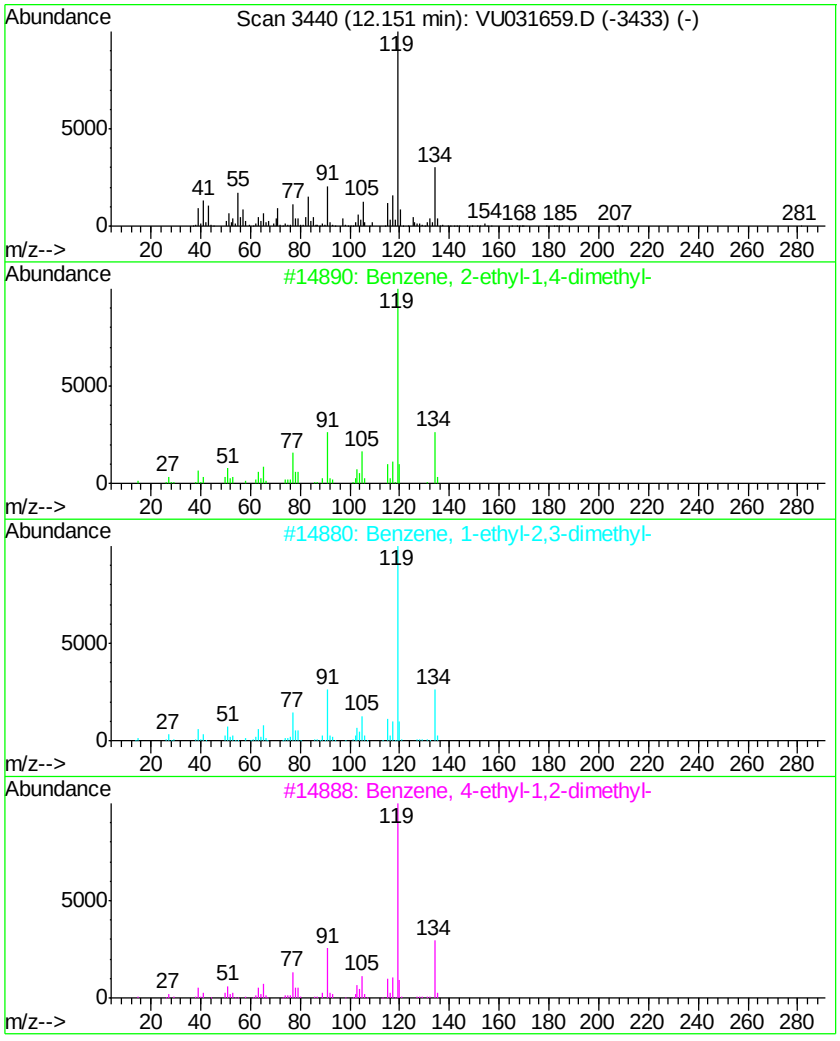
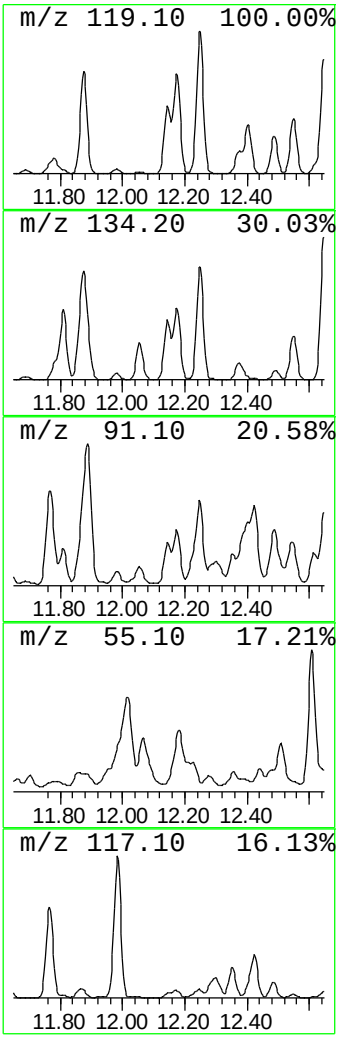
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	10.52 ug/L	1305650	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	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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Quant Title : VOC Analysis

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

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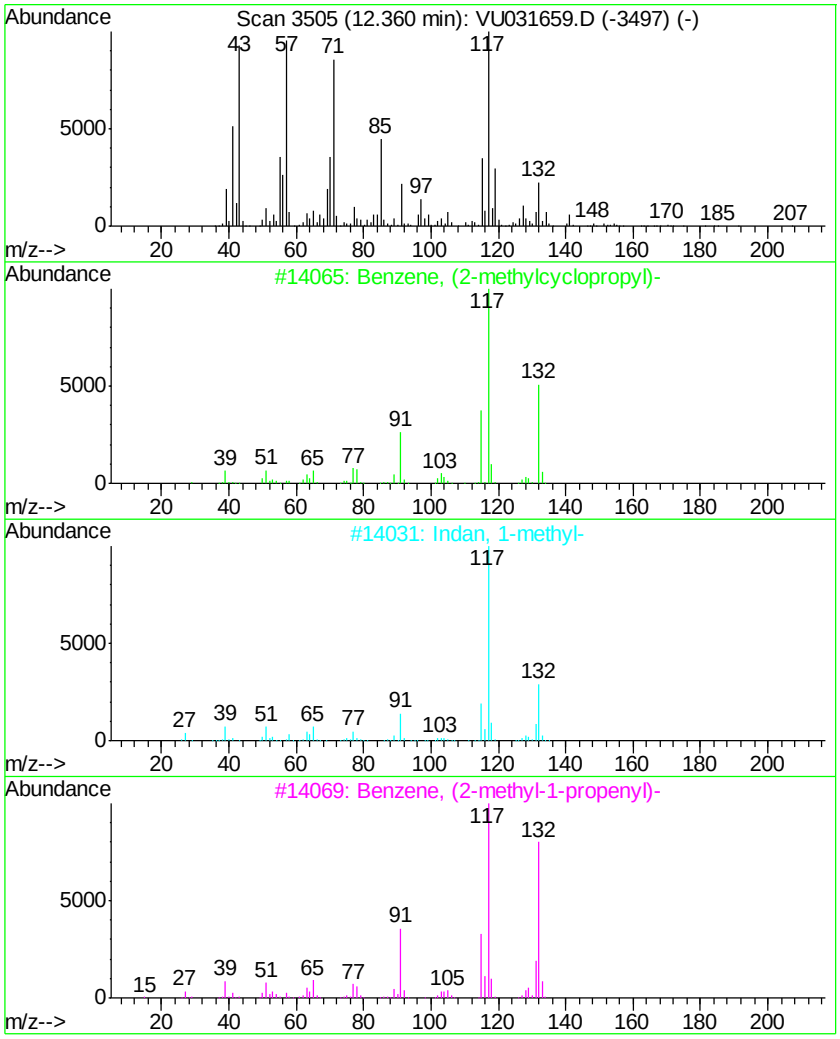
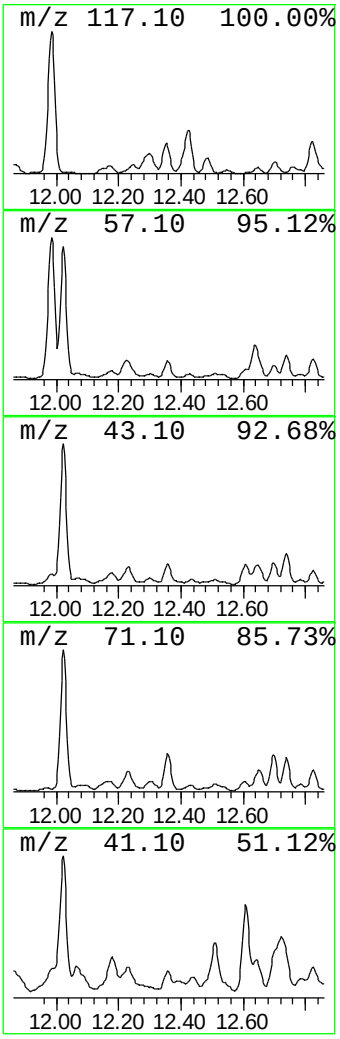
Peak Number 20 Benzene, (2-methylcycloprop... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	28.19 ug/L	3498450	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
2	Indan, 1-methyl-	132	C10H12	000767-58-8	50
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	45
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	45
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	45





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Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

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Quant Title : VOC Analysis

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

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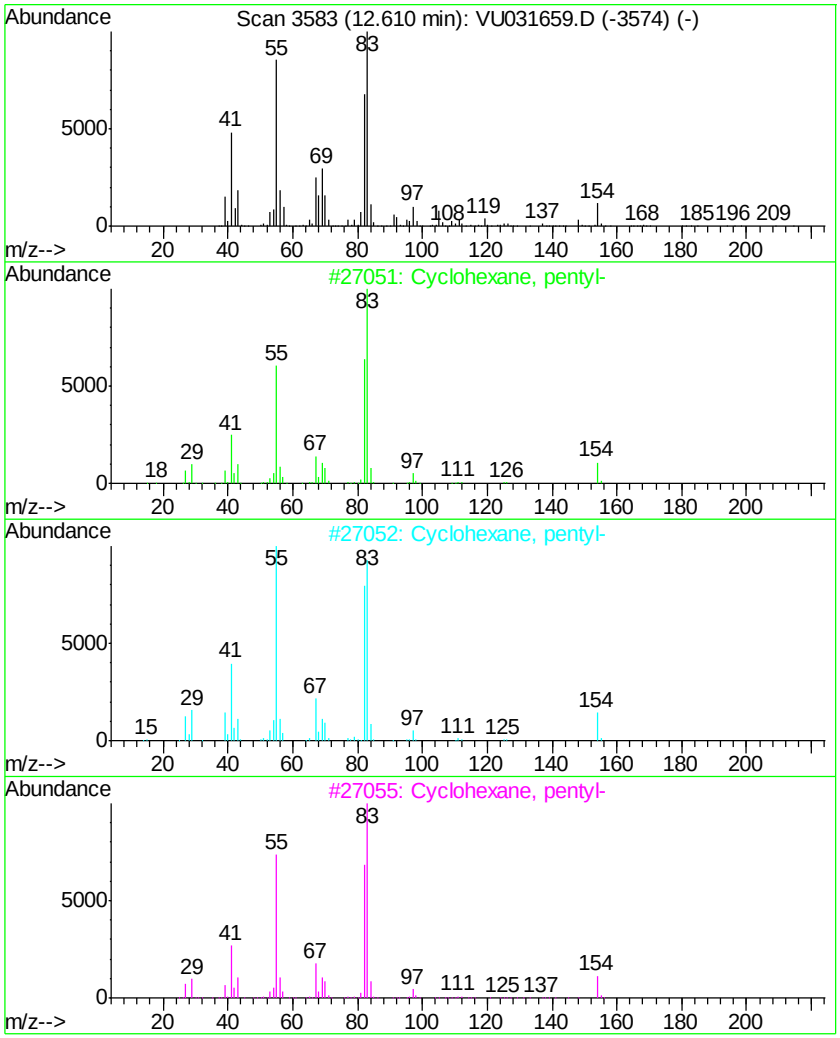
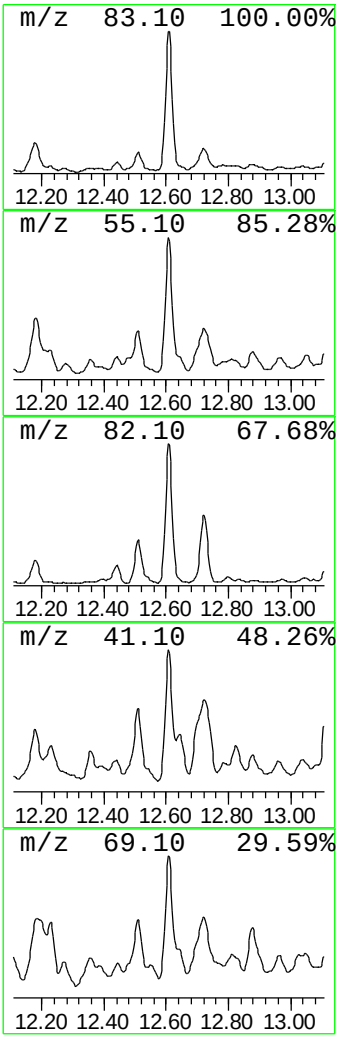
Peak Number 21 (DEL) Alkane: Cyclic12.61 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	88.43 ug/L	10972400	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	72





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Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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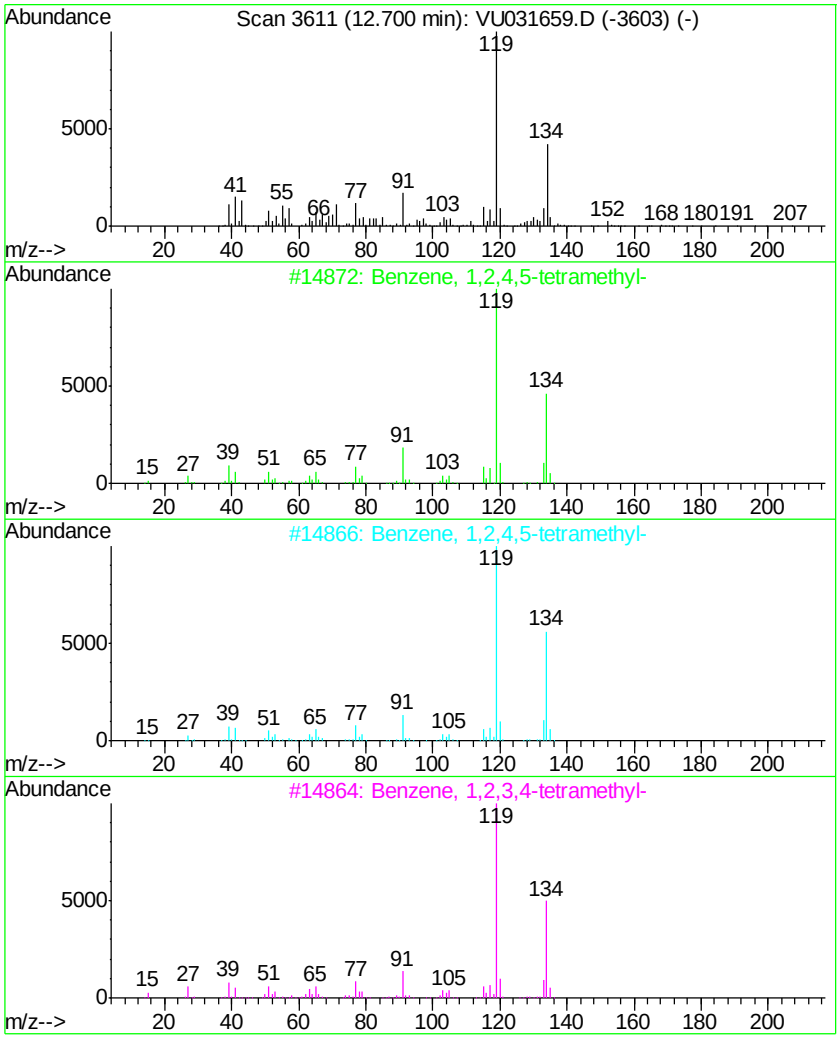
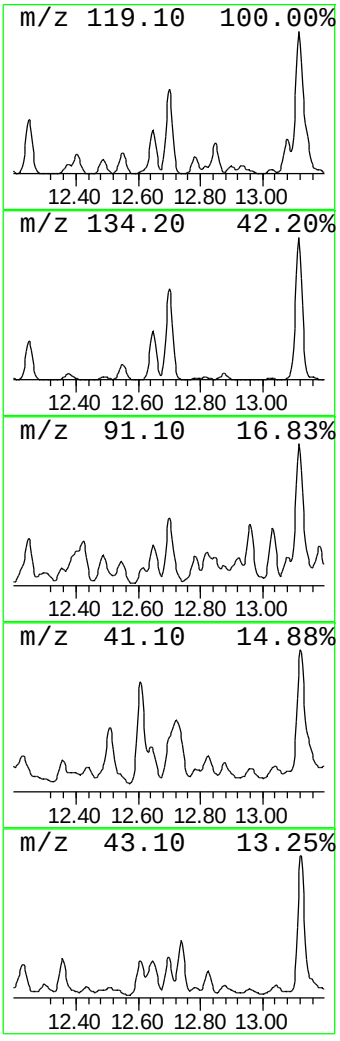
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	160.14 ug/L	19870800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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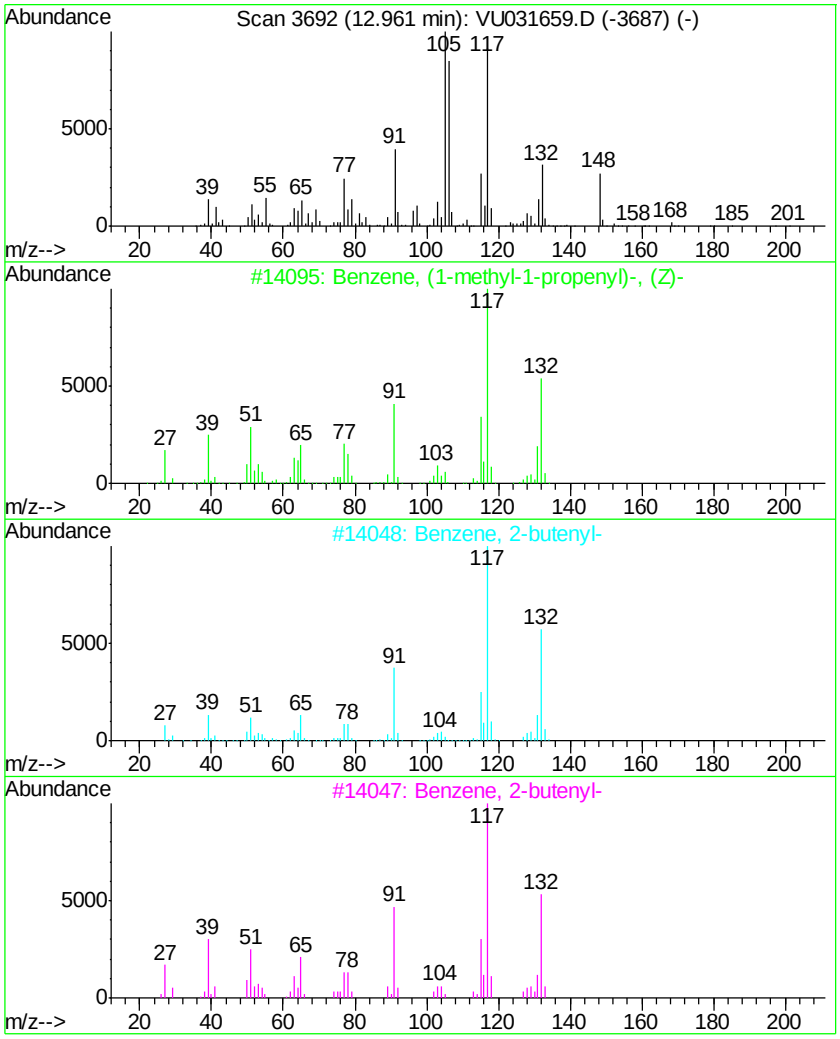
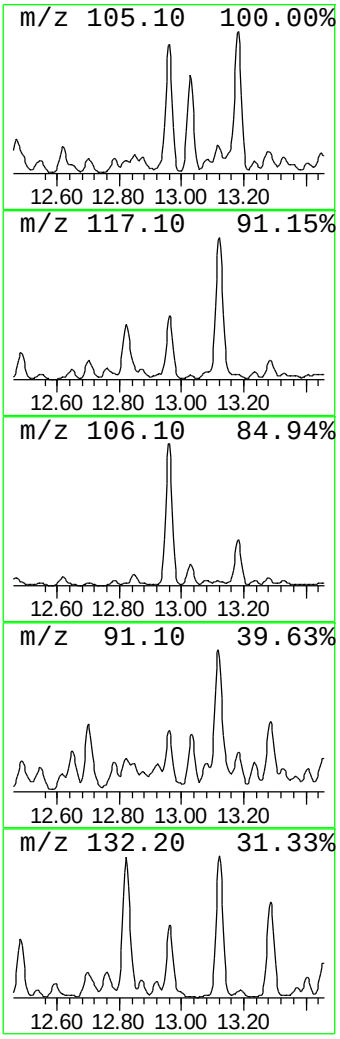
Peak Number 23 Benzene, (1-methyl-1-propen... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	45.73 ug/L	5674200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Library Search Compound Report

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Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

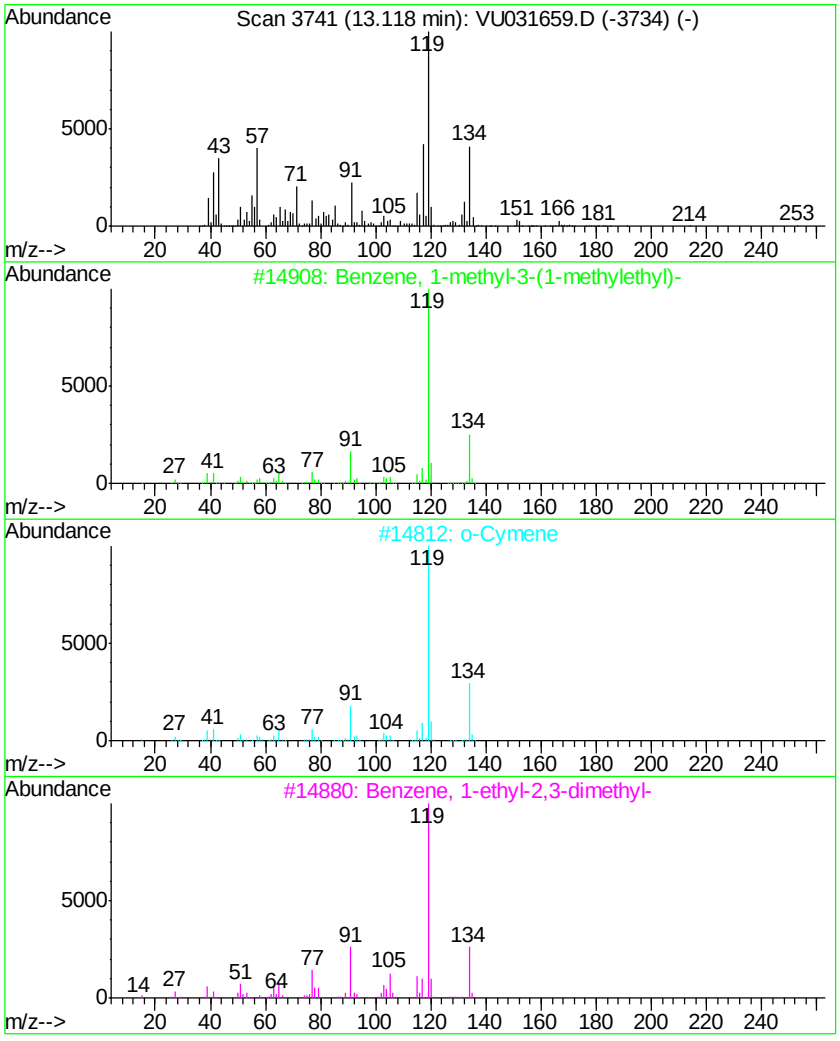
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

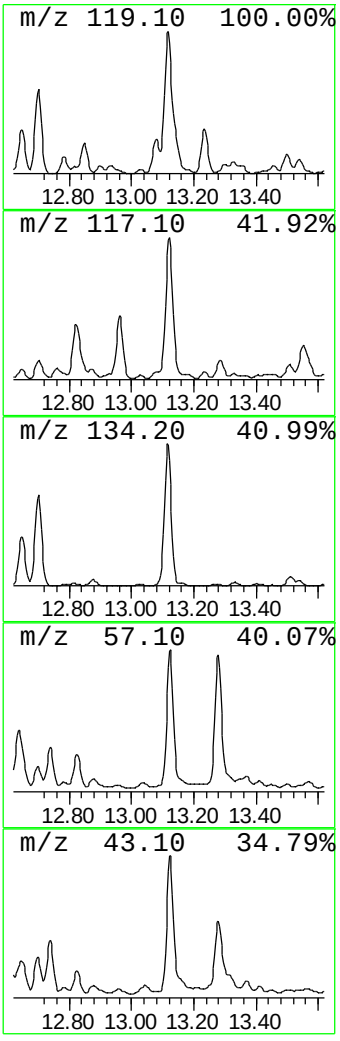
****

Peak Number 24 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	204.80 ug/L	25411400	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	o-Cymene	134	C10H14	000527-84-4	60





Library Search Compound Report

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Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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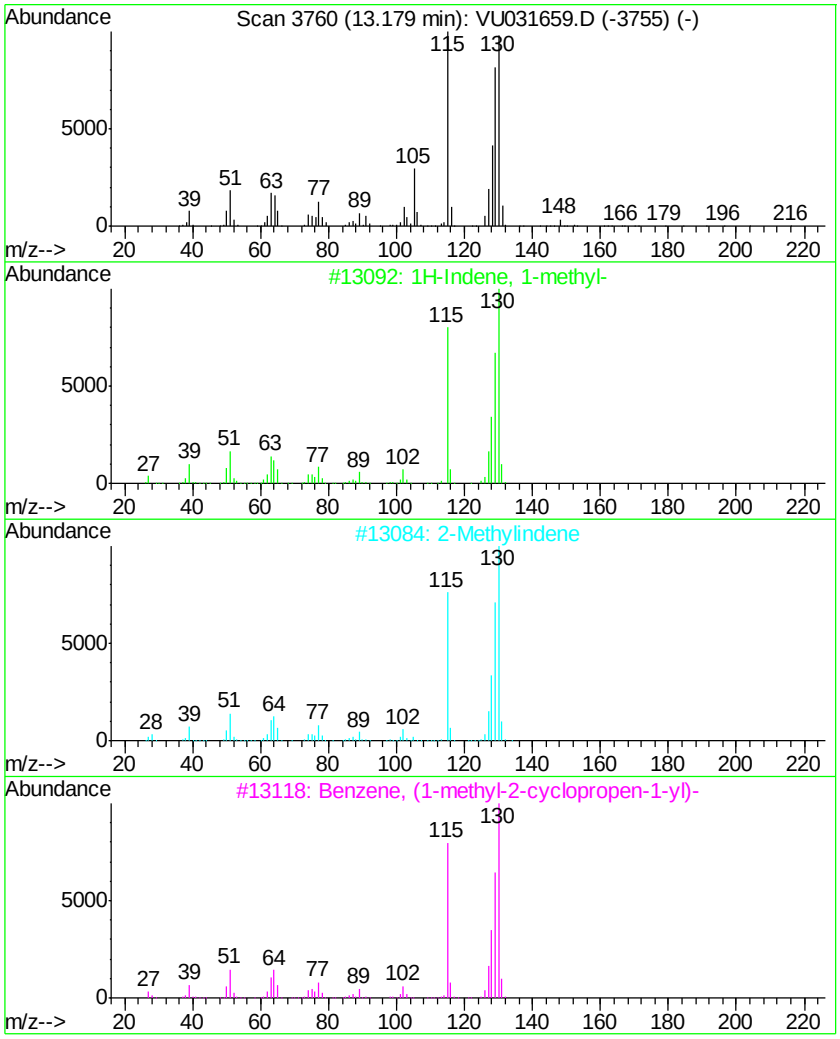
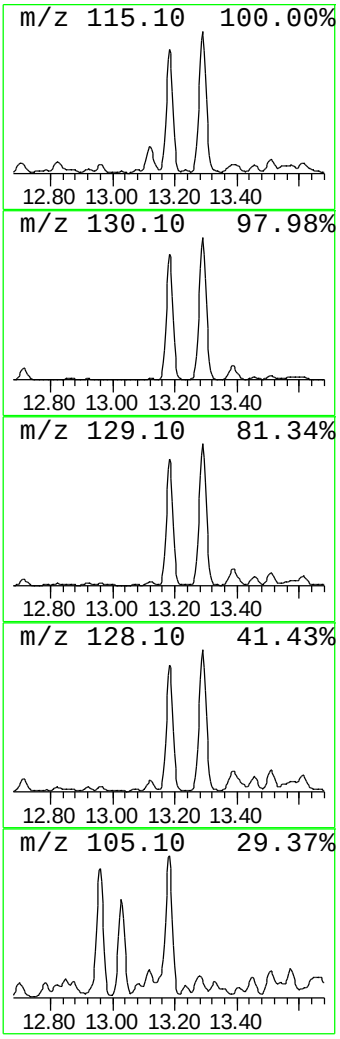
Peak Number 25 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	132.36 ug/L	16422900	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Library Search Compound Report

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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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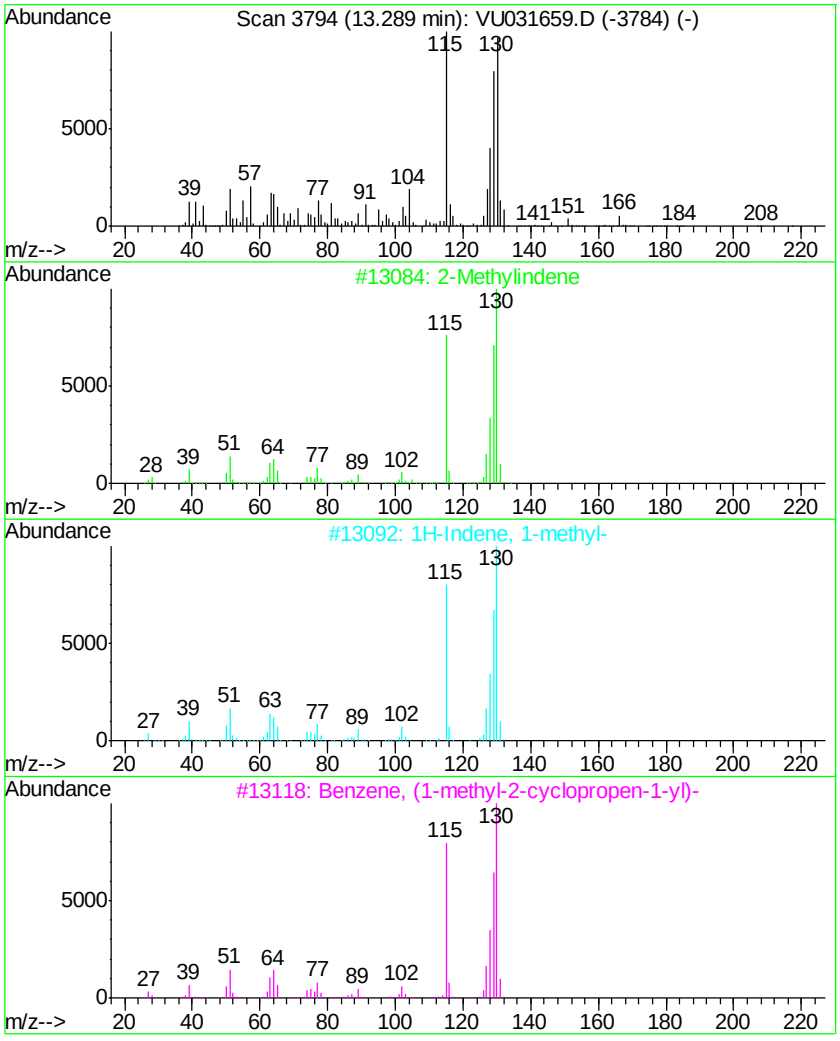
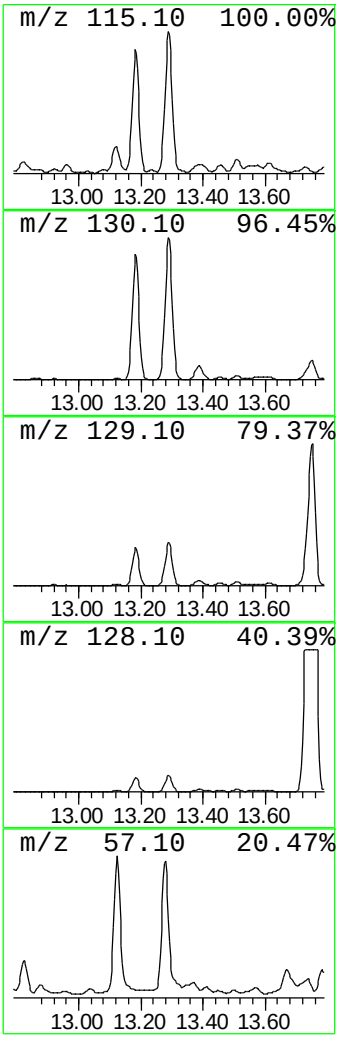
Peak Number 26 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	299.49 ug/L	37161400	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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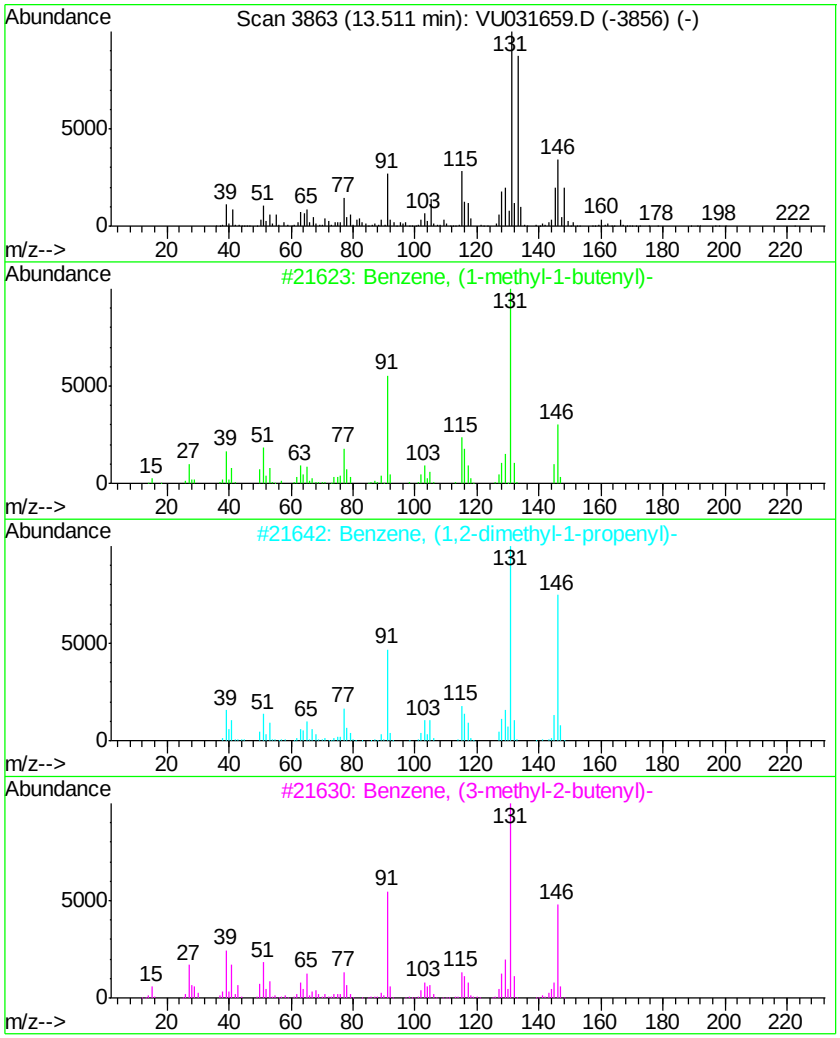
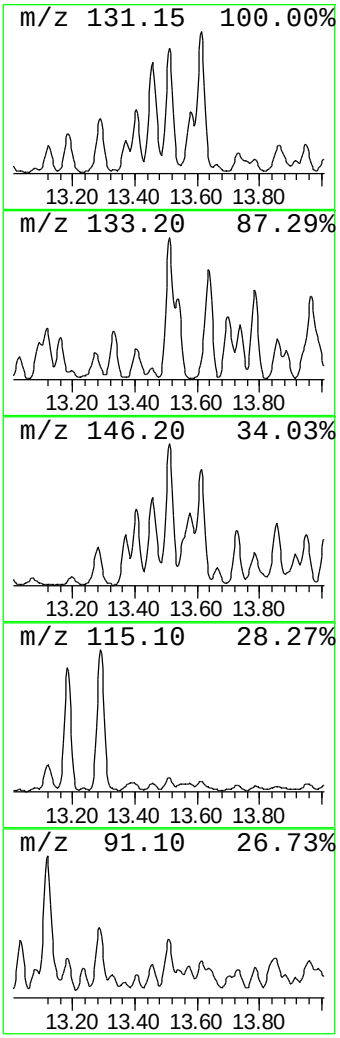
Peak Number 27 Benzene, (1-methyl-1-butenyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	49.98 ug/L	6201110	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50





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Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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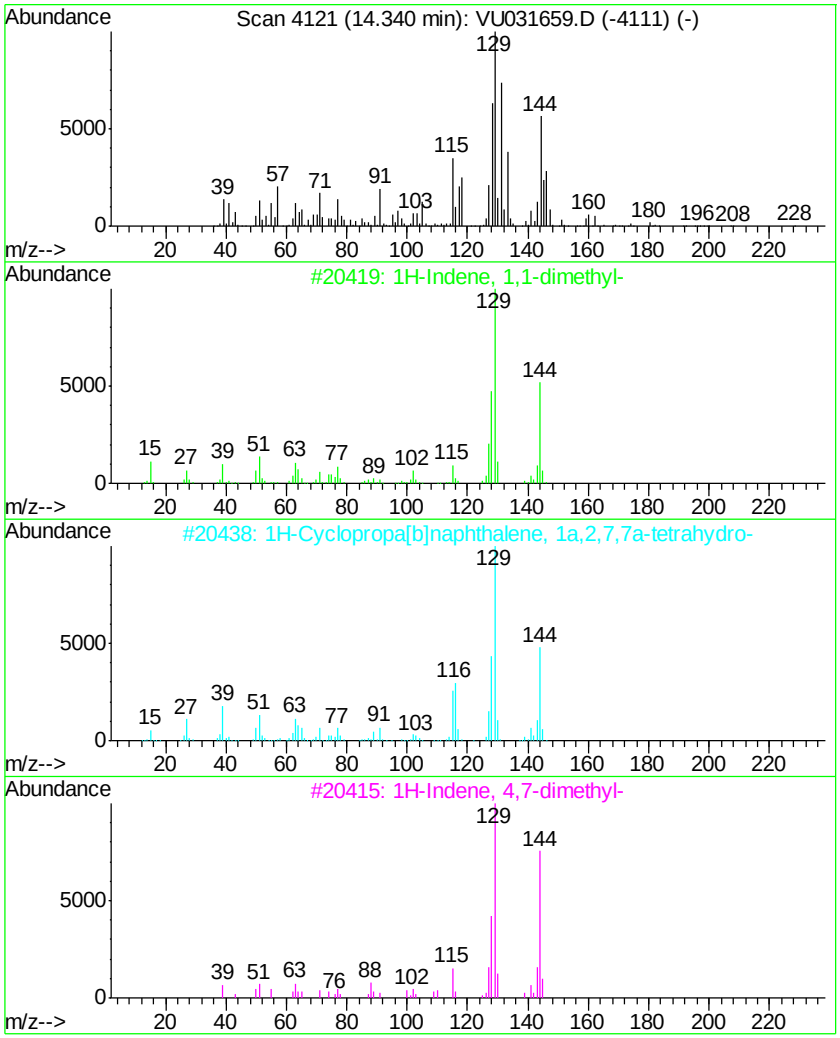
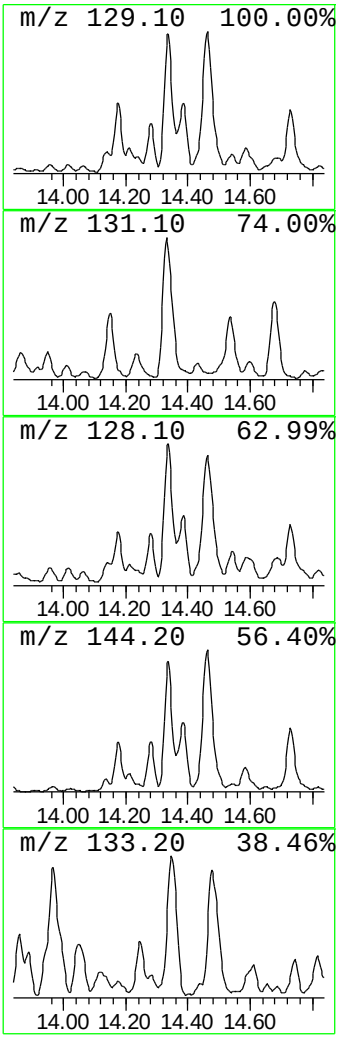
Peak Number 29 1H-Indene, 1,1-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	121.63 ug/L	15091500	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	95
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	78
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	60
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	60
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	60





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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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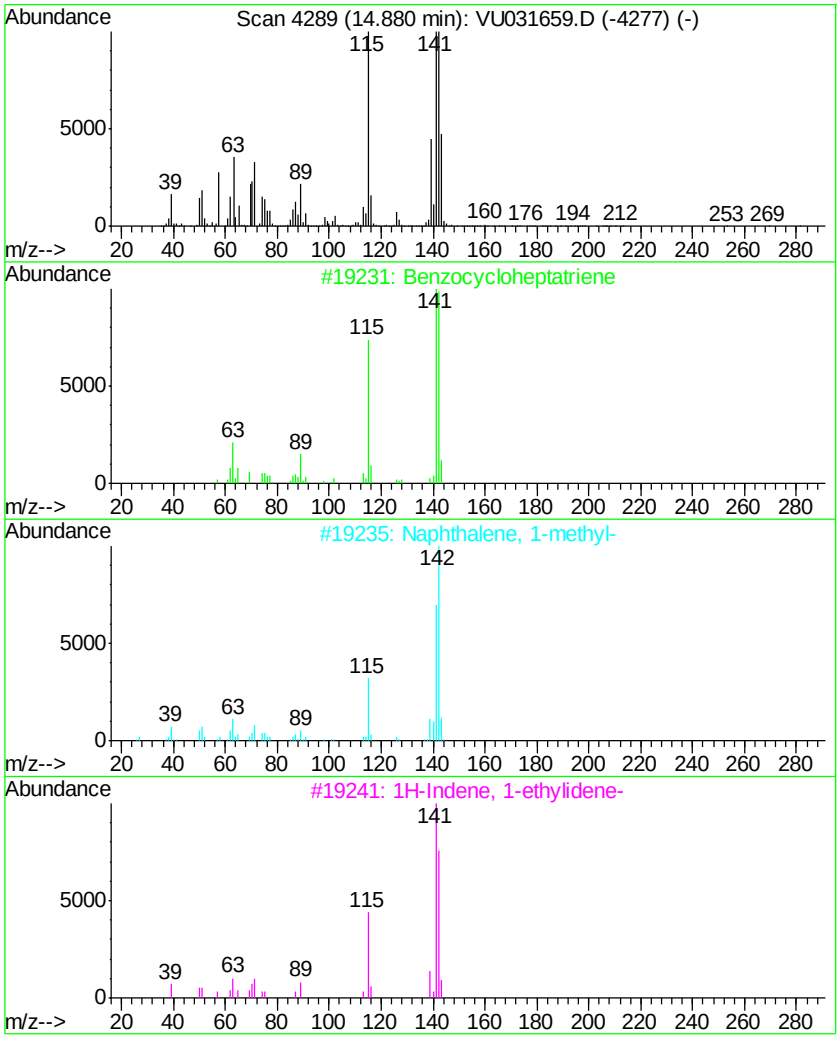
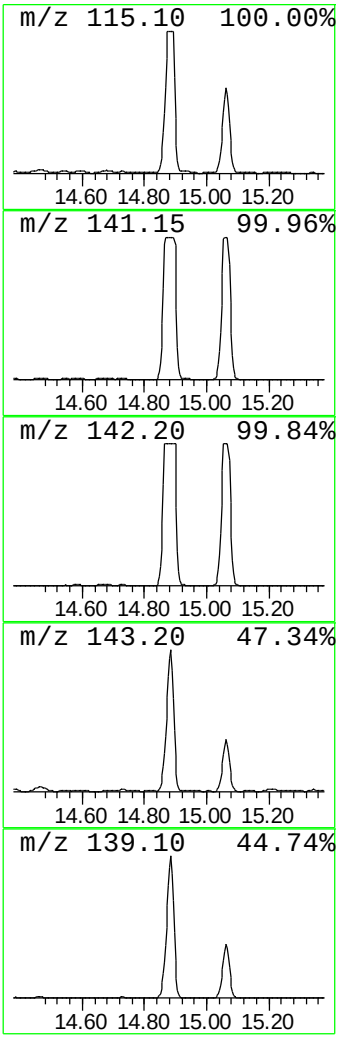
Peak Number 30 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1389.49 ug/L	172410000	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83





Library Search Compound Report

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Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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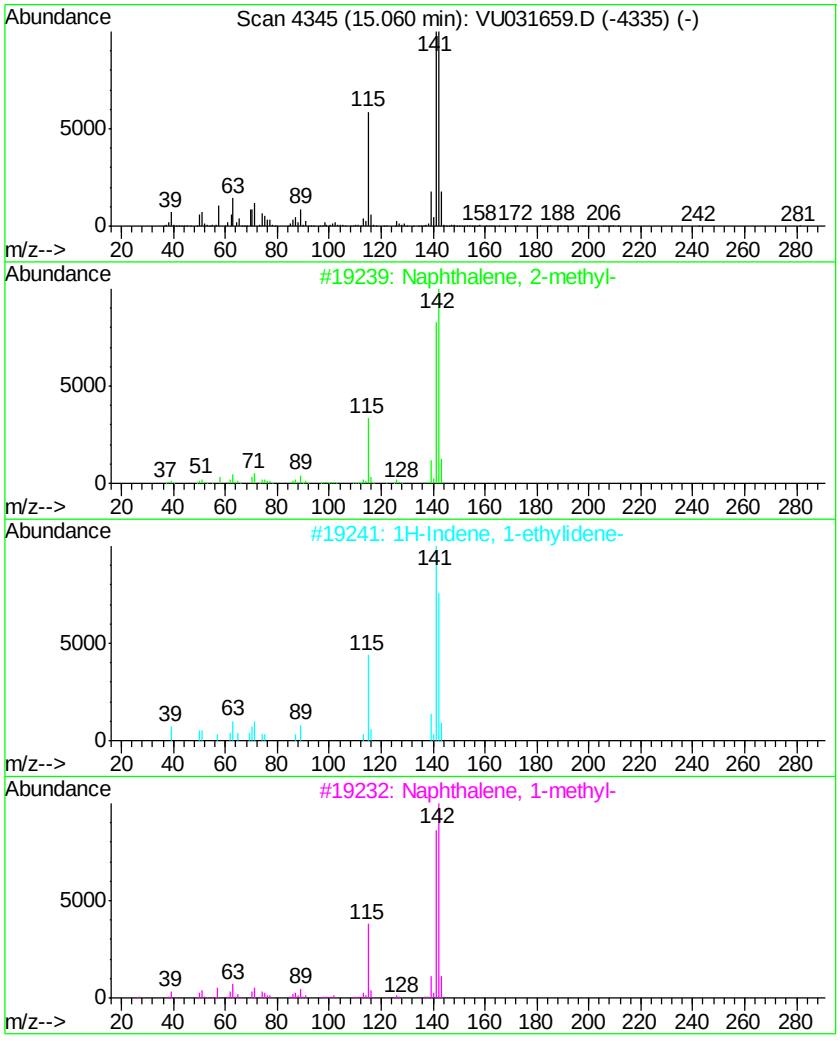
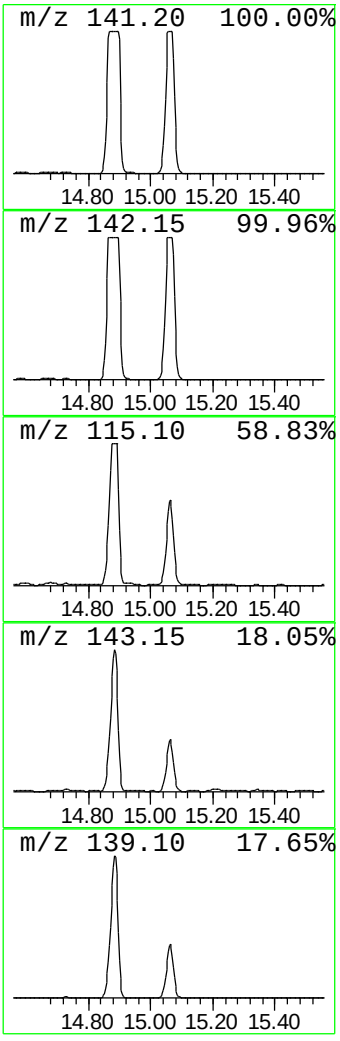
Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	604.06 ug/L	74951900	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	93





Library Search Compound Report

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Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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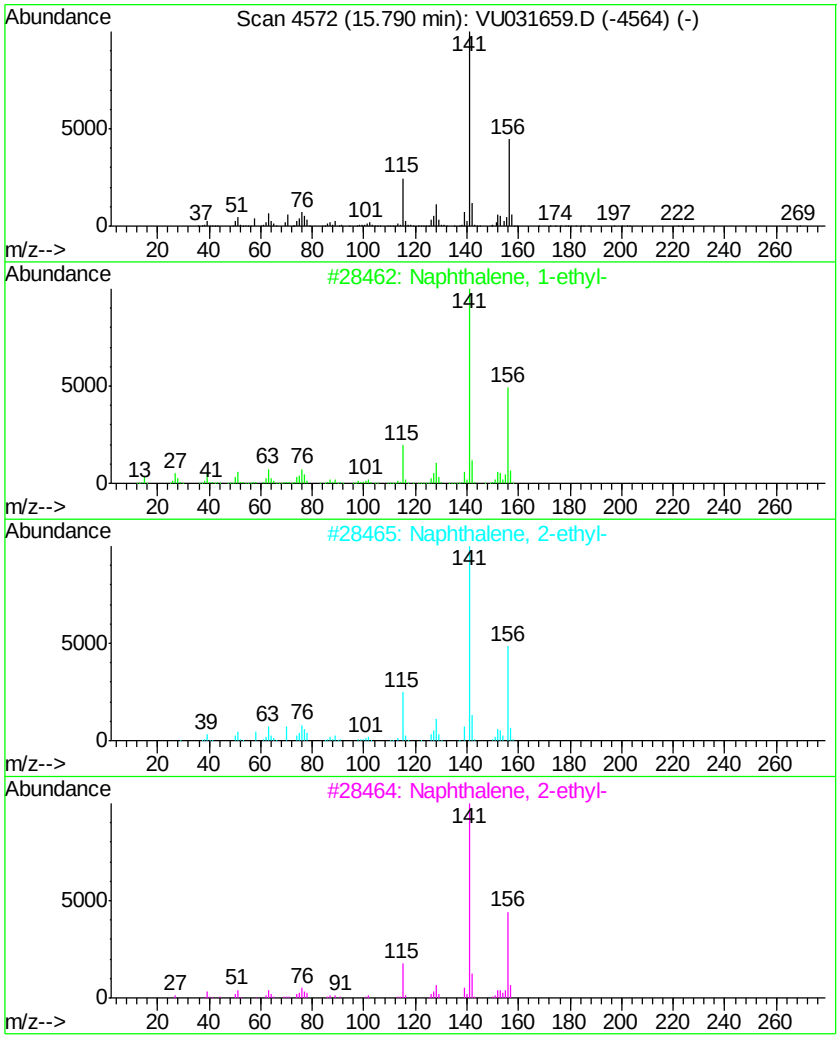
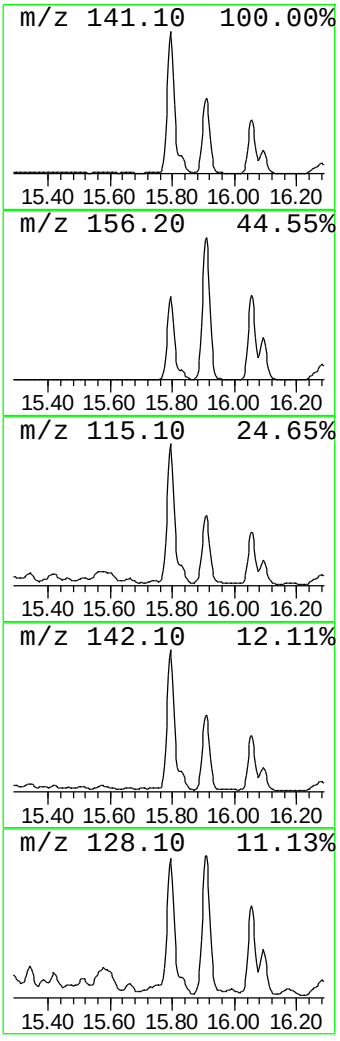
Peak Number 32 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	87.22 ug/L	10822100	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

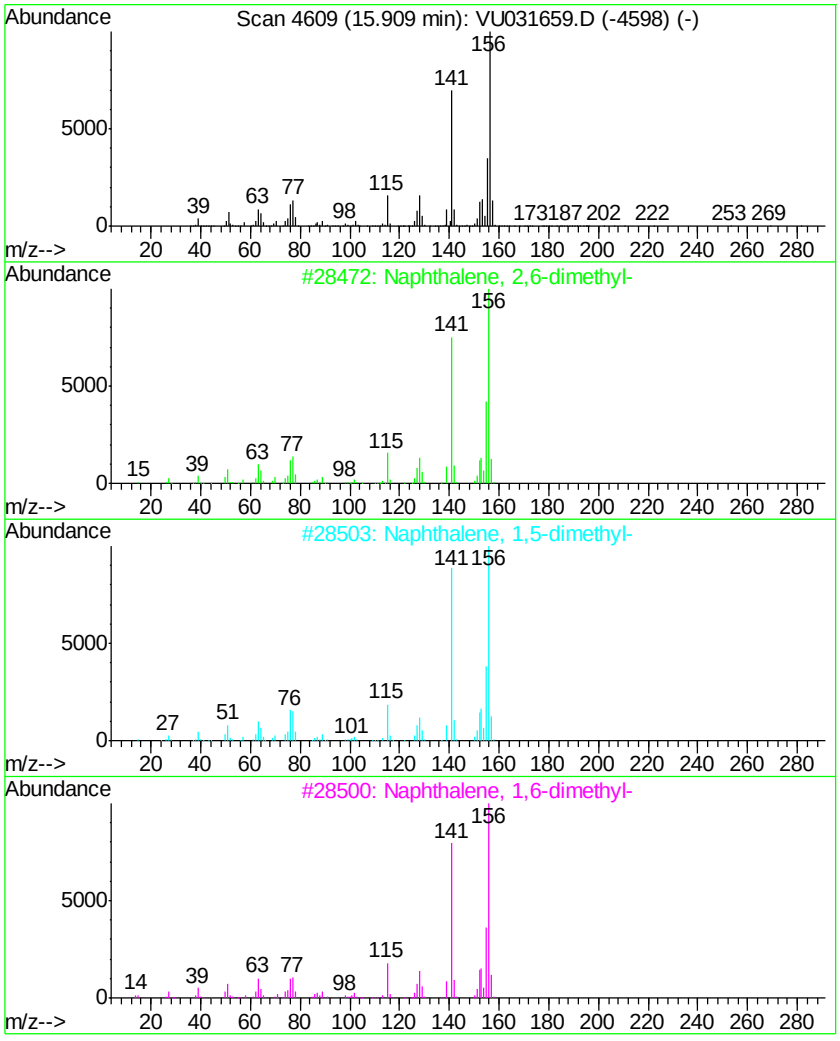
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

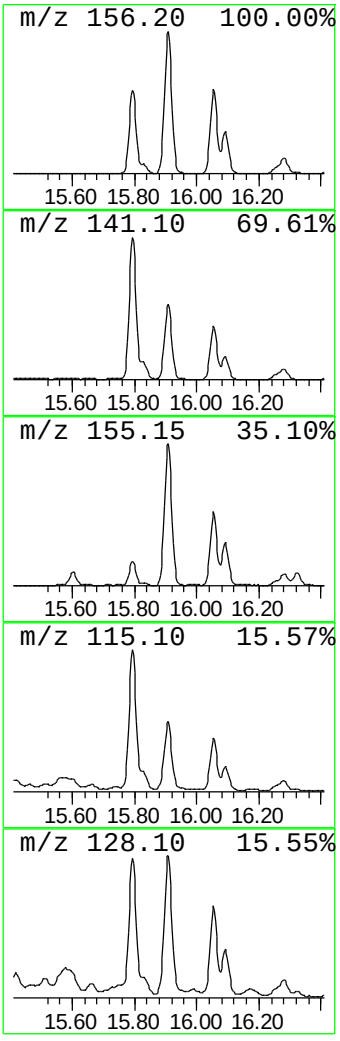
****

Peak Number 33 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	94.49 ug/L	11723800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

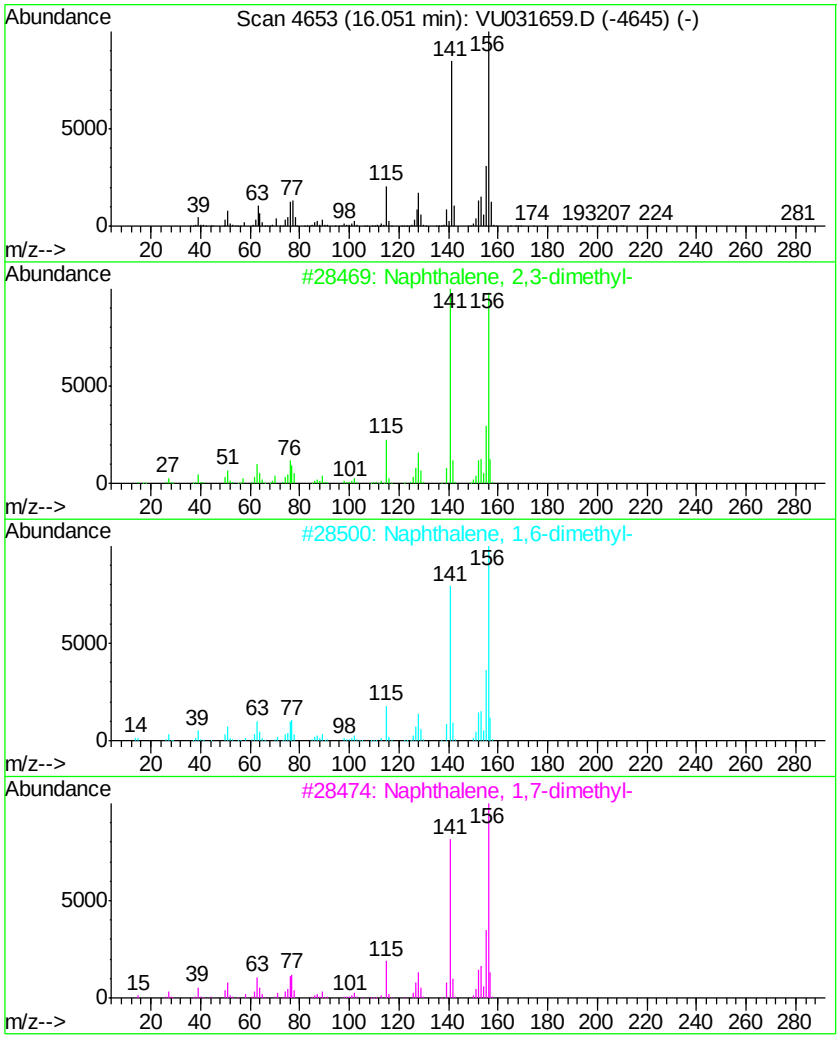
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

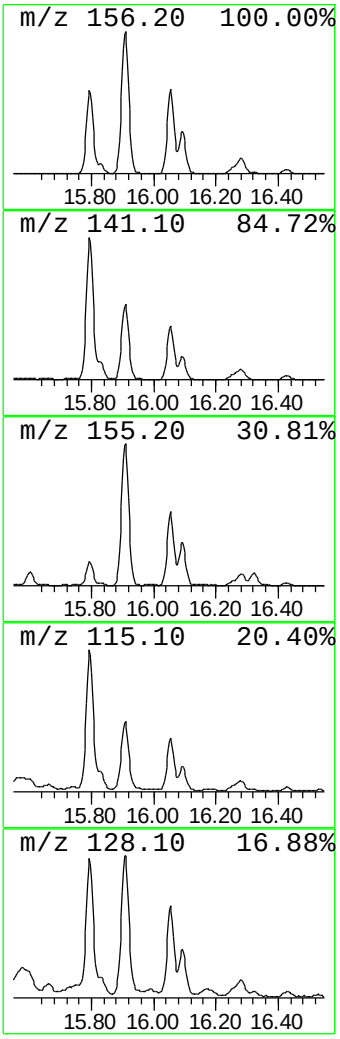
****

Peak Number 34 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	53.88 ug/L	6685700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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
2-Propanol, 1,3-d...	7.23	12.7	ug/L	1310880	1	5.88	5175840	50.0
(DEL) Alkane: Str...	9.44	11.0	ug/L	1389960	2	9.09	6306970	50.0
(DEL) Alkane: Str...	9.95	6.2	ug/L	783356	2	9.09	6306970	50.0
(DEL) Alkane: Cyc...	10.04	4.7	ug/L	590909	2	9.09	6306970	50.0
Benzene, propyl-	10.59	12.8	ug/L	1589560	3	11.48	6204060	50.0
Benzene, 1-ethyl-...	10.70	31.3	ug/L	3880540	3	11.48	6204060	50.0
Benzene, 1,2,3-tr...	10.77	79.0	ug/L	9808040	3	11.48	6204060	50.0
(DEL) Alkane: Str...	10.81	63.9	ug/L	7924800	3	11.48	6204060	50.0
(DEL) Alkane: Str...	11.12	17.8	ug/L	2206200	3	11.48	6204060	50.0
Benzene, 1-etheny...	11.21	154.9	ug/L	19221700	3	11.48	6204060	50.0
(DEL) Alkane: Cyc...	11.40	38.9	ug/L	4822530	3	11.48	6204060	50.0
(DEL) Alkane: Str...	11.70	16.8	ug/L	2083860	3	11.48	6204060	50.0
Indane	11.76	51.9	ug/L	6435910	3	11.48	6204060	50.0
Indene	11.98	774.5	ug/L	96101500	3	11.48	6204060	50.0
Benzene, 2-ethyl-...	12.15	10.5	ug/L	1305650	3	11.48	6204060	50.0
Benzene, (2-methy...	12.36	28.2	ug/L	3498450	3	11.48	6204060	50.0
(DEL) Alkane: Cyc...	12.61	88.4	ug/L	10972400	3	11.48	6204060	50.0
Benzene, 1,2,4,5-...	12.70	160.1	ug/L	19870800	3	11.48	6204060	50.0
Benzene, (1-methy...	12.96	45.7	ug/L	5674200	3	11.48	6204060	50.0
Benzene, 1-methyl...	13.12	204.8	ug/L	25411400	3	11.48	6204060	50.0
1H-Indene, 1-methyl-	13.18	132.4	ug/L	16422900	3	11.48	6204060	50.0
2-Methylindene	13.29	299.5	ug/L	37161400	3	11.48	6204060	50.0
Benzene, (1-methy...	13.51	50.0	ug/L	6201110	3	11.48	6204060	50.0
1H-Indene, 1,1-di...	14.34	121.6	ug/L	15091500	3	11.48	6204060	50.0
Benzocycloheptatr...	14.88	1389.5	ug/L	172410000	3	11.48	6204060	50.0
Naphthalene, 1-me...	15.06	604.1	ug/L	74951900	3	11.48	6204060	50.0
Naphthalene, 1-et...	15.79	87.2	ug/L	10822100	3	11.48	6204060	50.0
Naphthalene, 2,6-...	15.91	94.5	ug/L	11723800	3	11.48	6204060	50.0
Naphthalene, 2,3-...	16.05	53.9	ug/L	6685700	3	11.48	6204060	50.0