LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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	1.180	23	28	33	rBV2	19435	19291	0.02%	0.006%
2	1.396	87	95	113	rBV	491917	720446	0.85%	0.211%
3	1.678	176	183	201	rBV	306741	502458	0.60%	0.147%
4	2.244	349	359	375	rBV	1019040	1627415	1.93%	0.477%
5	2.592	463	467	470	rBV3	2025	2053	0.00%	0.001%
6	2.633	471	480	489	rVV3	6510	15941	0.02%	0.005%
7	2.762	515	520	523	rBV5	1893	1683	0.00%	0.000%
8	2.810	533	535	538	rBV4	1278	728	0.00%	0.000%
9	2.826	538	540	547	rVB6	1794	2093	0.00%	0.001%
10	3.061	611	613	615	rBV2	1064	690	0.00%	0.000%
11	3.103	623	626	634	rBV5	1136	1083	0.00%	0.000%
12	3.228	662	665	668	rBV3	1273	1151	0.00%	0.000%
13	3.357	699	705	708	rBV2	2441	2356	0.00%	0.001%
14	3.412	719	722	727	rBV5	1060	932	0.00%	0.000%
15	3.492	742	747	749	rBV2	912	764	0.00%	0.000%
16	3.524	752	757	760	rBV5	915	943	0.00%	0.000%
17	3.547	760	764	767	rVB3	1820	1195	0.00%	0.000%
18	3.566	767	770	774	rBV2	1666	1285	0.00%	0.000%
19	3.643	791	794	796	rBV	913	757	0.00%	0.000%
20	3.685	804	807	812	rBV2	1034	958	0.00%	0.000%
21	3.775	833	835	841	rVB4	2237	2047	0.00%	0.001%
22	3.804	841	844	845	rBV2	1422	793	0.00%	0.000%
23	3.916	876	879	882	rBV4	929	700	0.00%	0.000%
24	3.997	900	904	906	rBV3	982	699	0.00%	0.000%
25	4.042	913	918	921	rBV3	1076	924	0.00%	0.000%
26	4.067	921	926	928	rVB4	1290	832	0.00%	0.000%
27	4.080	928	930	933	rBV	1020	711	0.00%	0.000%
28	4.103	934	937	943	rVB5	1465	1099	0.00%	0.000%
29	4.141	945	949	951	rBV3	1082	774	0.00%	0.000%
30	4.206	955	969	1019	rBV	226757	1188119	1.41%	0.349%
31	4.643	1084	1105	1134	rBV	642095	1724049	2.04%	0.506%
32	4.868	1171	1175	1176	rBV4	1803	1129	0.00%	0.000%
33	4.981	1207	1210	1217	rVV8	2898	3864	0.00%	0.001%
34	5.010	1217	1219	1223	rVV4	1685	1247	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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	5.064	1232	1236	1239	rVB3	1942	1500	0.00%	0.000%
36	5.093	1242	1245	1249	rVB2	1902	1232	0.00%	0.000%
37	5.119	1249	1253	1256	rBV5	2104	1666	0.00%	0.000%
38	5.148	1259	1262	1266	rBV3	1028	792	0.00%	0.000%
39	5.331	1295	1319	1366	rBV2	1579145	4685918	5.56%	1.375%
40	5.627	1403	1411	1414	rBV8	3278	5021	0.01%	0.001%
41	5.881	1475	1490	1541	rBV	856198	2021510	2.40%	0.593%
42	6.125	1563	1566	1568	rBV4	1541	864	0.00%	0.000%
43	6.180	1575	1583	1593	rVB4	8366	14530	0.02%	0.004%
44	6.328	1614	1629	1661	rBV	909386	2080873	2.47%	0.610%
45	6.595	1708	1712	1717	rVB5	1991	2001	0.00%	0.001%
46	6.675	1733	1737	1739	rBV3	1379	1204	0.00%	0.000%
47	6.762	1761	1764	1769	rBV5	1305	1214	0.00%	0.000%
48	6.794	1772	1774	1777	rVB4	1532	684	0.00%	0.000%
49	6.817	1777	1781	1785	rBV5	1540	1772	0.00%	0.001%
50	6.897	1799	1806	1810	rBV9	3629	4889	0.01%	0.001%
51	7.064	1856	1858	1863	rVB3	2520	2051	0.00%	0.001%
52	7.177	1886	1893	1896	rBV6	3392	4210	0.00%	0.001%
53	7.228	1896	1909	1936	rVV2	474281	1066825	1.26%	0.313%
54	7.562	2000	2013	2029	rBV	1827774	3540935	4.20%	1.039%
55	7.852	2093	2103	2140	rVB	317207	735247	0.87%	0.216%
56	8.019	2151	2155	2156	rBV3	2863	2060	0.00%	0.001%
57	8.038	2156	2161	2165	rVV8	2732	3641	0.00%	0.001%
58	8.202	2208	2212	2213	rBV3	1562	1193	0.00%	0.000%
59	8.222	2214	2218	2222	rVV5	5280	5439	0.01%	0.002%
60	8.273	2231	2234	2236	rBV2	1162	799	0.00%	0.000%
61	8.341	2239	2255	2286	rBV	1056328	2809338	3.33%	0.824%
62	8.604	2327	2337	2346	rBV3	30532	57081	0.07%	0.017%
63	8.816	2395	2403	2405	rBV5	15053	21144	0.03%	0.006%
64	8.906	2424	2431	2441	rVB4	55034	87492	0.10%	0.026%
65	9.029	2459	2469	2477	rBV3	67822	120966	0.14%	0.035%
66	9.093	2477	2489	2516	rVV	1197521	2386990	2.83%	0.700%
67	9.254	2529	2539	2552	rBV2	58861	120184	0.14%	0.035%
68	9.440	2590	2597	2622	rVB	394021	686185	0.81%	0.201%
69	9.562	2626	2635	2652	rVB7	46859	93900	0.11%	0.028%
70	9.784	2695	2704	2724	rBV5	305936	726946	0.86%	0.213%
71	9.948	2739	2755	2765	rBV3	526546	993172	1.18%	0.291%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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	10.041	2777	2784	2791	rBV6	329019	526557	0.62%	0.154%
73	10.440	2896	2908	2917	rBV2	1407601	2805793	3.33%	0.823%
74	10.771	2998	3011	3017	rBV2	2202909	4316771	5.12%	1.266%
75	10.810	3018	3023	3034	rVB	2472857	3524205	4.18%	1.034%
76	10.971	3066	3073	3092	rVB3	925974	2060159	2.44%	0.604%
77	11.112	3110	3117	3122	rBV	1103277	1543220	1.83%	0.453%
78	11.395	3198	3205	3212	rBV2	1180579	1903337	2.26%	0.558%
79	11.482	3225	3232	3241	rBV2	1494638	2222853	2.64%	0.652%
80	11.569	3252	3259	3267	rBV	3429219	4754812	5.64%	1.395%
81	11.865	3341	3351	3367	rVB6	4291865	9286199	11.01%	2.724%
82	11.980	3380	3387	3392	rBV	1806642	2658308	3.15%	0.780%
83	12.022	3393	3400	3408	rVB	5214105	7065711	8.38%	2.073%
84	12.357	3498	3504	3510	rBV2	1389197	1998908	2.37%	0.586%
85	12.607	3575	3582	3588	rBV	2238534	3453306	4.09%	1.013%
86	12.701	3603	3611	3629	rBV2	4829855	10851098	12.87%	3.183%
87	13.119	3734	3741	3755	rVB2	13202038	19425146	23.03%	5.699%
88	13.289	3784	3794	3813	rVB2	12681320	24359371	28.88%	7.147%
89	14.141	4052	4059	4066	rBV2	5494308	8294945	9.84%	2.434%
90	14.337	4111	4120	4130	rBV6	7451572	14411673	17.09%	4.228%
91	14.874	4278	4287	4298	rBV	9910498	15863448	18.81%	4.654%
92	15.064	4335	4346	4359	rBV2	52466973	84334507	100.00%	24.742%
93	15.797	4567	4574	4581	rBV	5197486	7482955	8.87%	2.195%
94	15.913	4599	4610	4640	rVB	19316572	34091749	40.42%	10.002%
95	16.057	4645	4655	4662	rVV	14790181	24119848	28.60%	7.076%
96	16.096	4663	4667	4683	rVB	8075477	10644643	12.62%	3.123%
97	16.282	4710	4725	4735	rBV	2564263	5926373	7.03%	1.739%
98	16.427	4763	4770	4783	rVB	1043931	1661635	1.97%	0.487%
99	16.524	4791	4800	4816	rVB2	1505505	2852698	3.38%	0.837%
100	17.224	5012	5018	5028	rVB3	193400	292913	0.35%	0.086%

Sum of corrected areas: 340855818

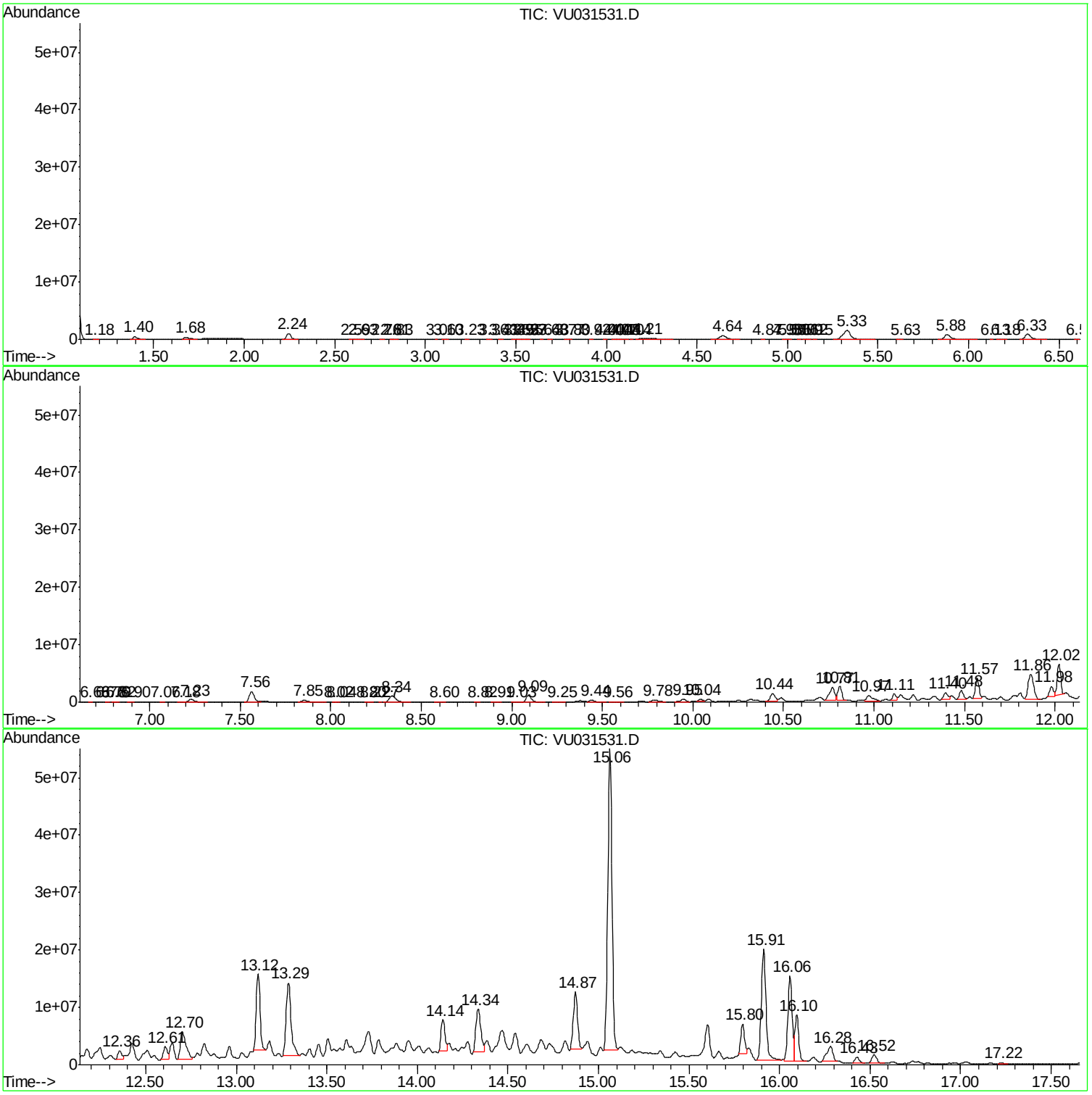
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

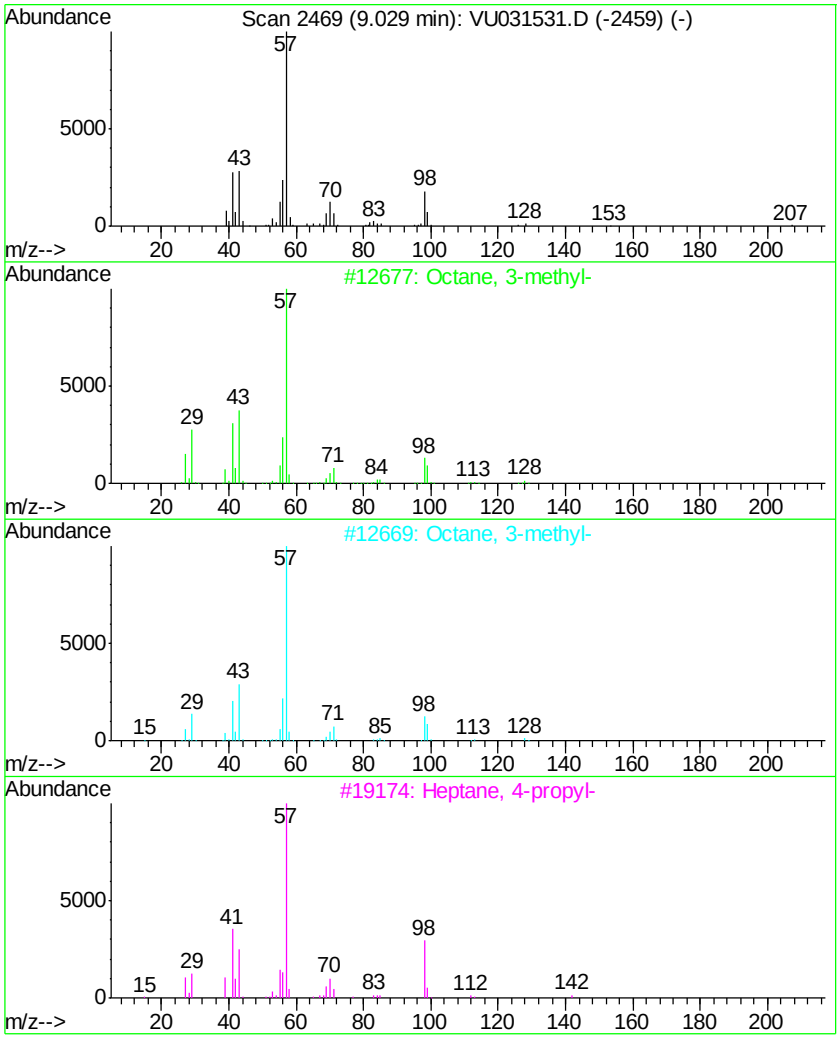
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

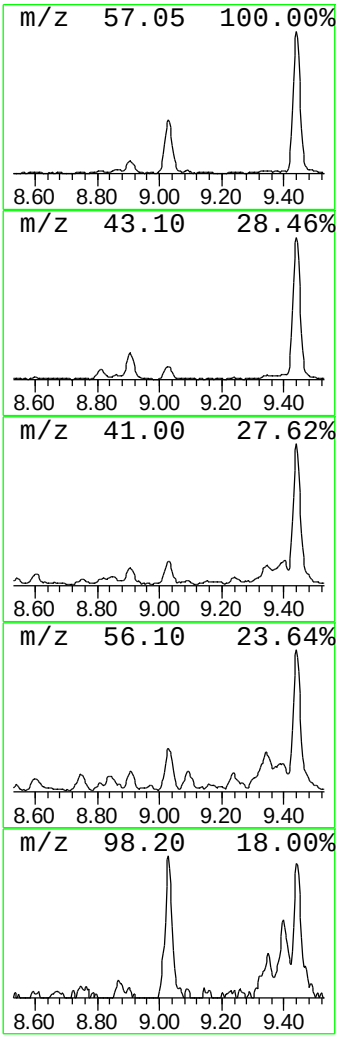
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.53 ug/L	120966	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

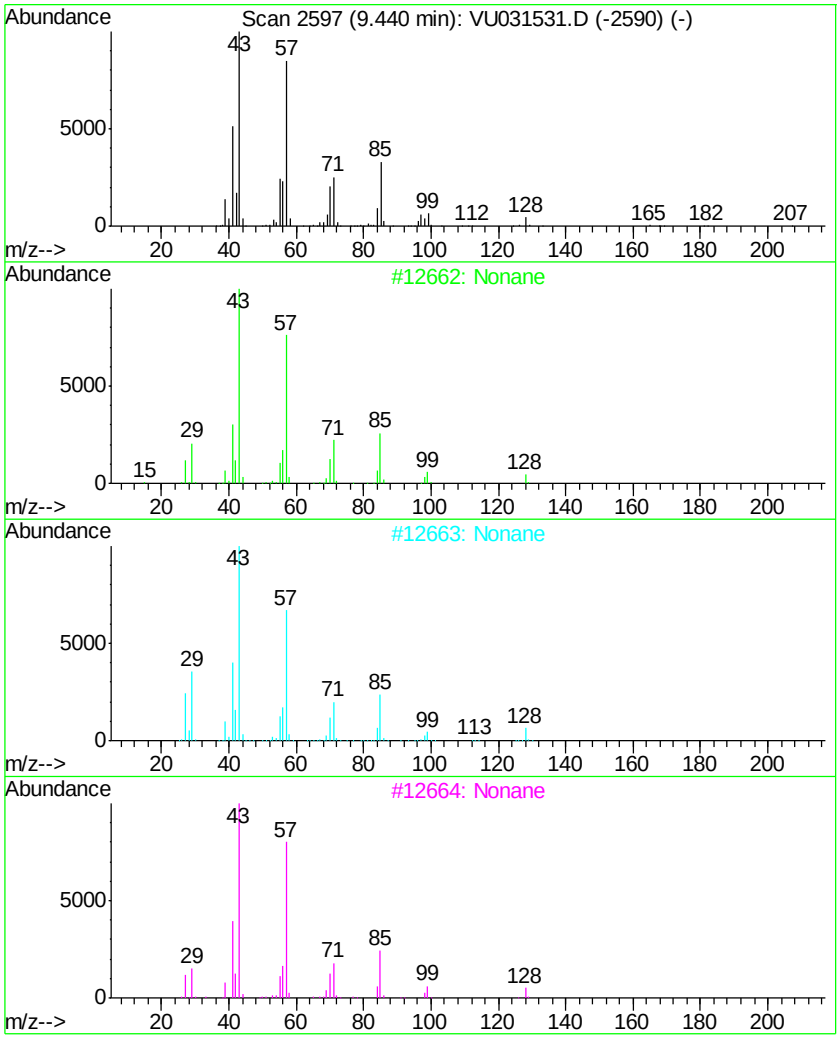
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

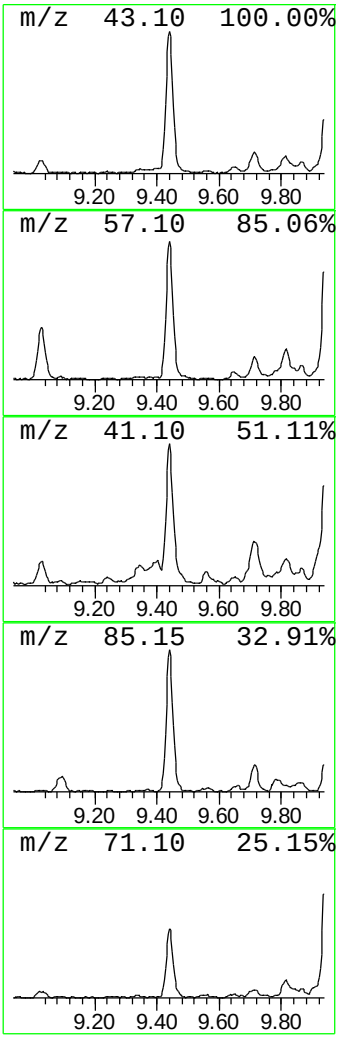
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	14.37 ug/L	686185	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	86
3	Nonane	128	C9H20	000111-84-2	72
4	Octane	114	C8H18	000111-65-9	59
5	Ether, heptyl hexyl	200	C13H28O	007289-40-9	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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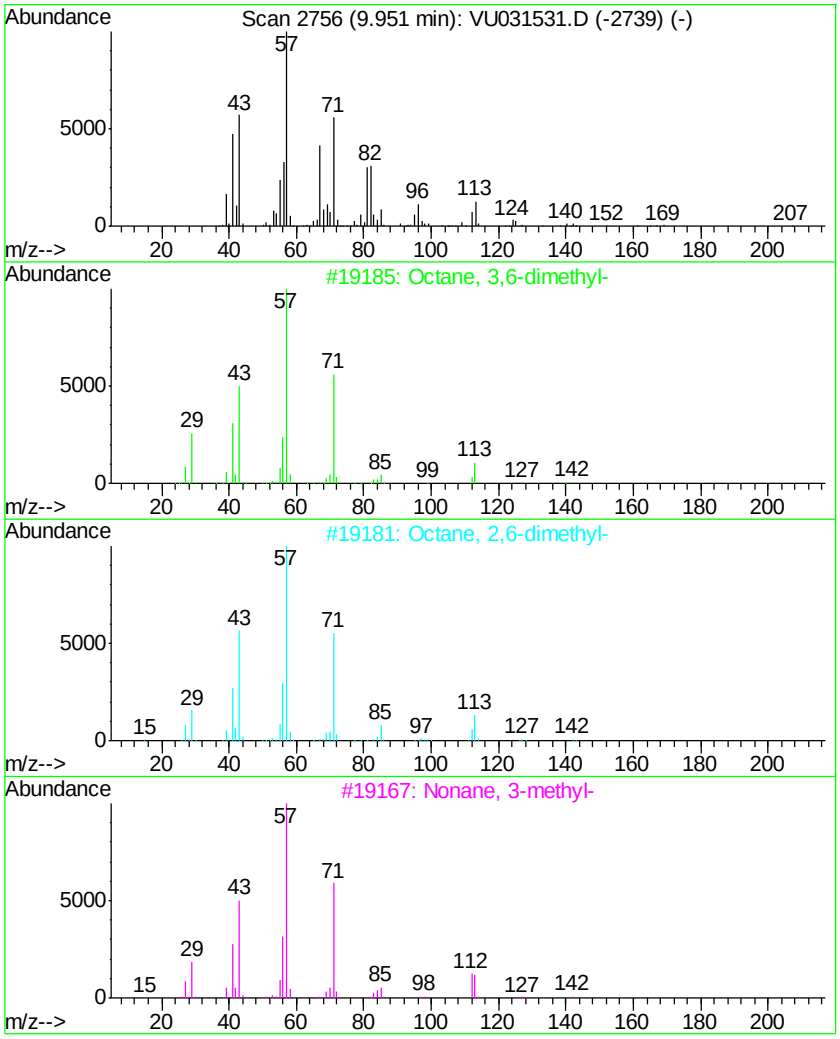
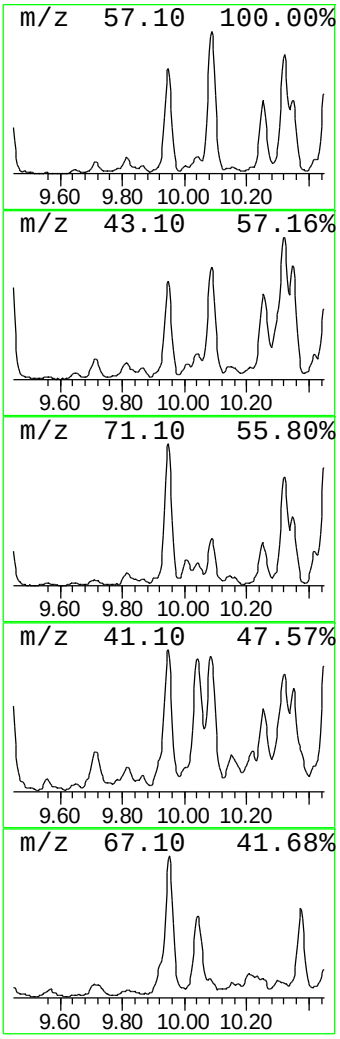
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	20.80 ug/L	993172	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	60
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

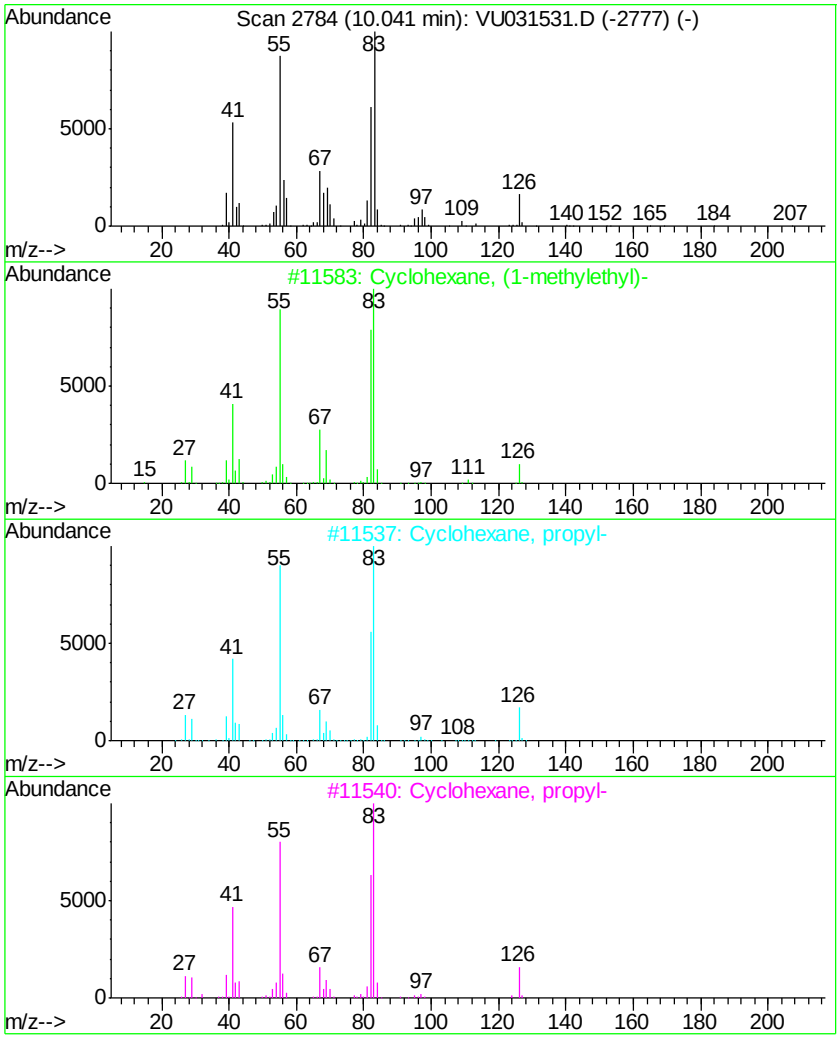
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

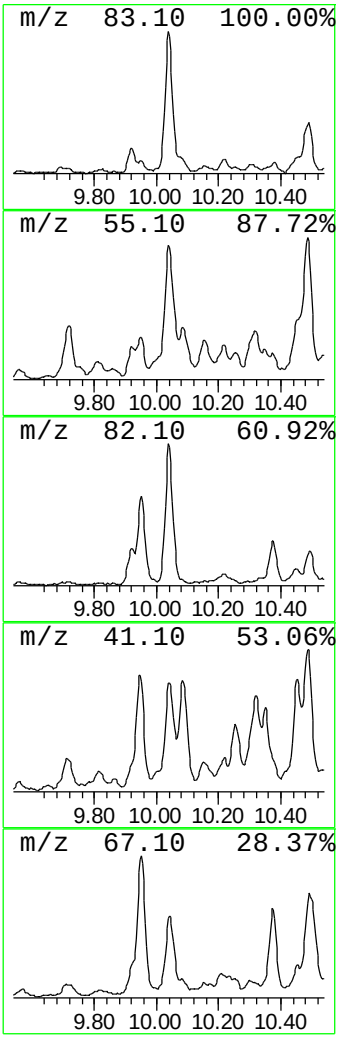
****

Peak Number 5 (DEL) Alkane: Cyclic10.04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	11.03 ug/L	526557	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

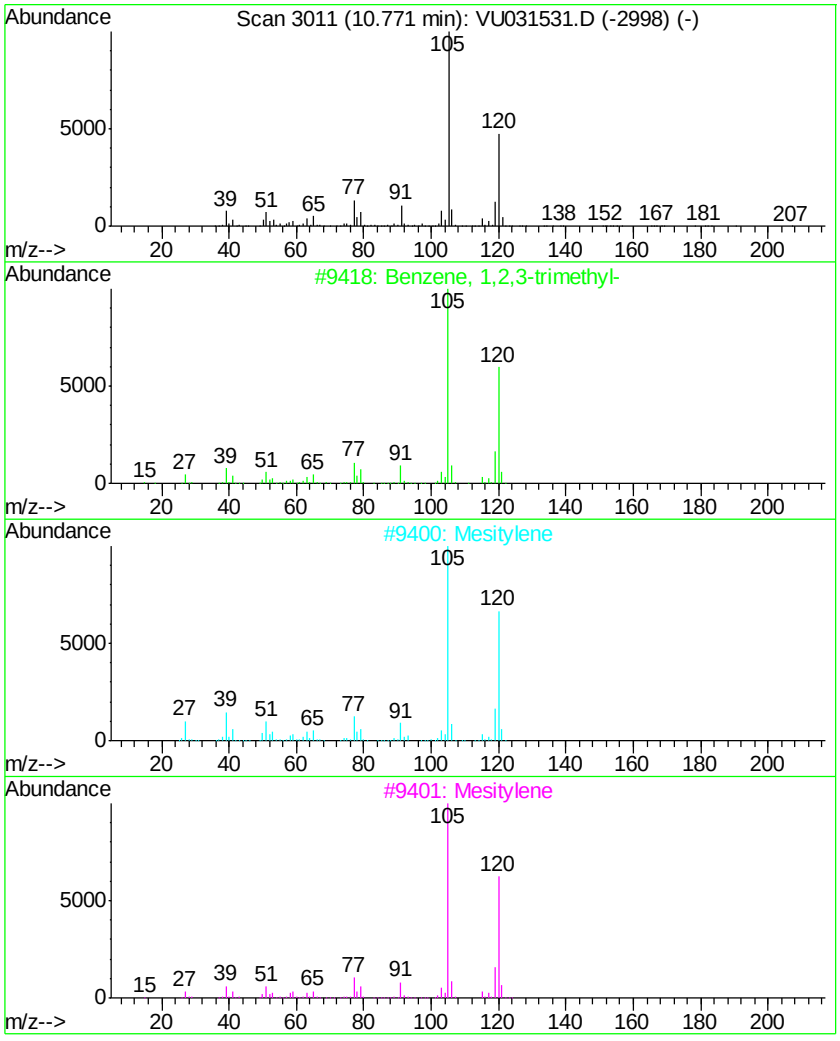
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

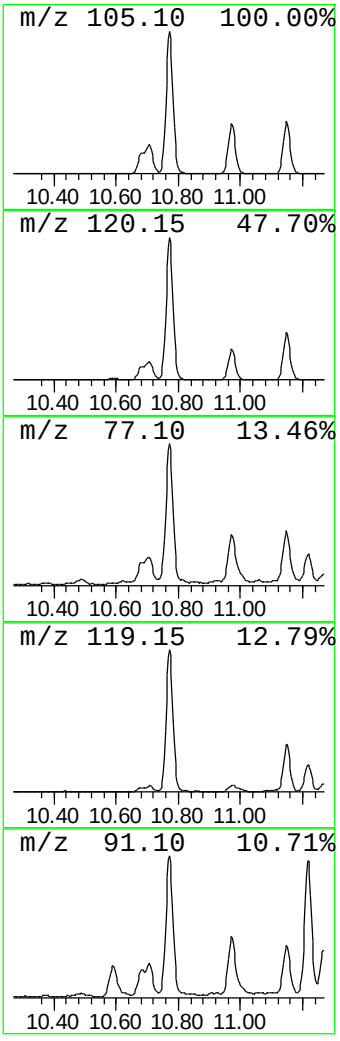
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	97.10 ug/L	4316770	1,4-Dichlorobenzene-d4	11.49

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	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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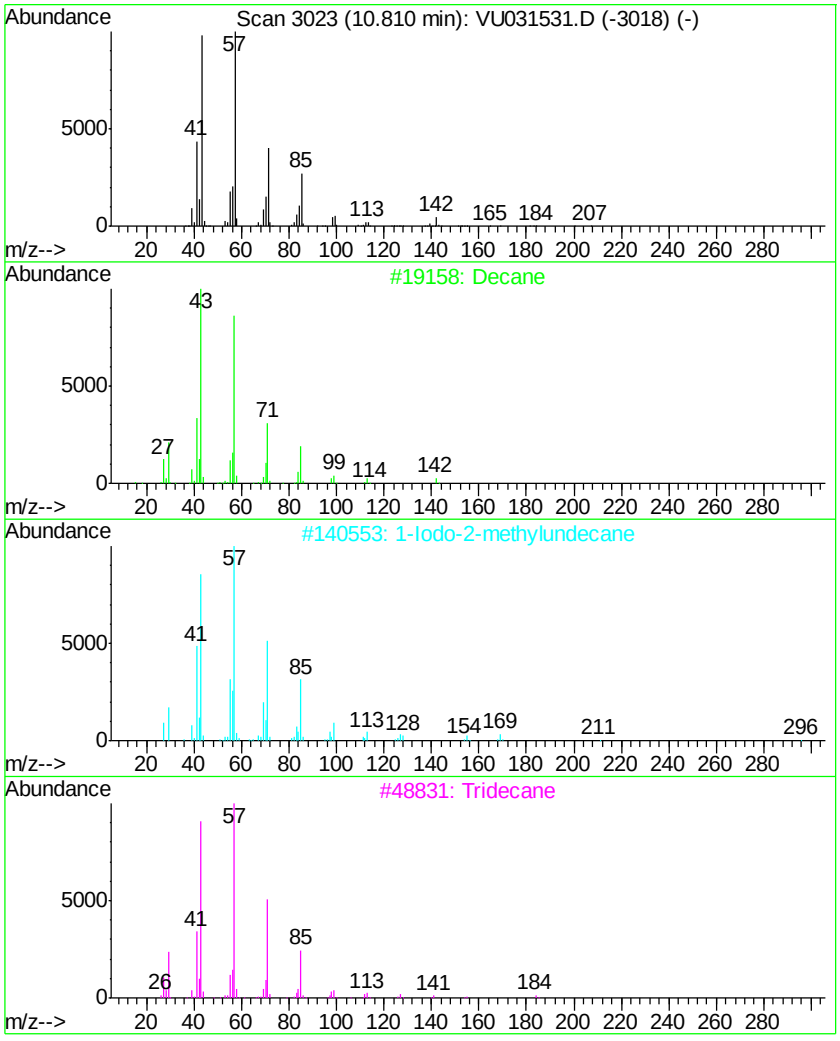
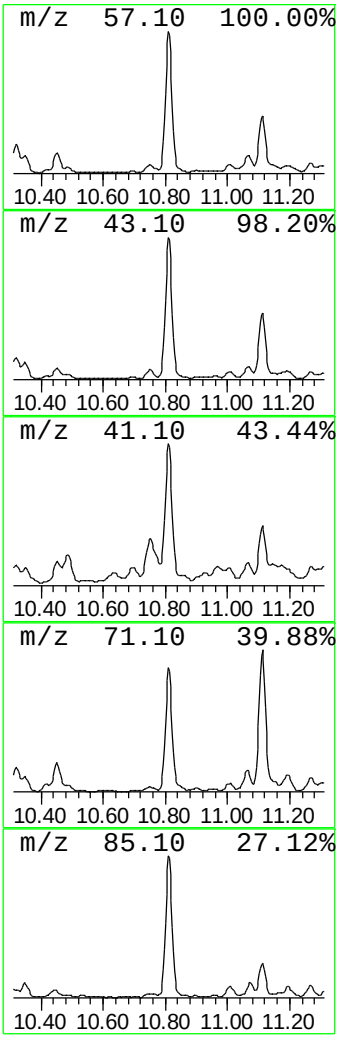
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	79.27 ug/L	3524210	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5	Undecane	156	C11H24	001120-21-4	64





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Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

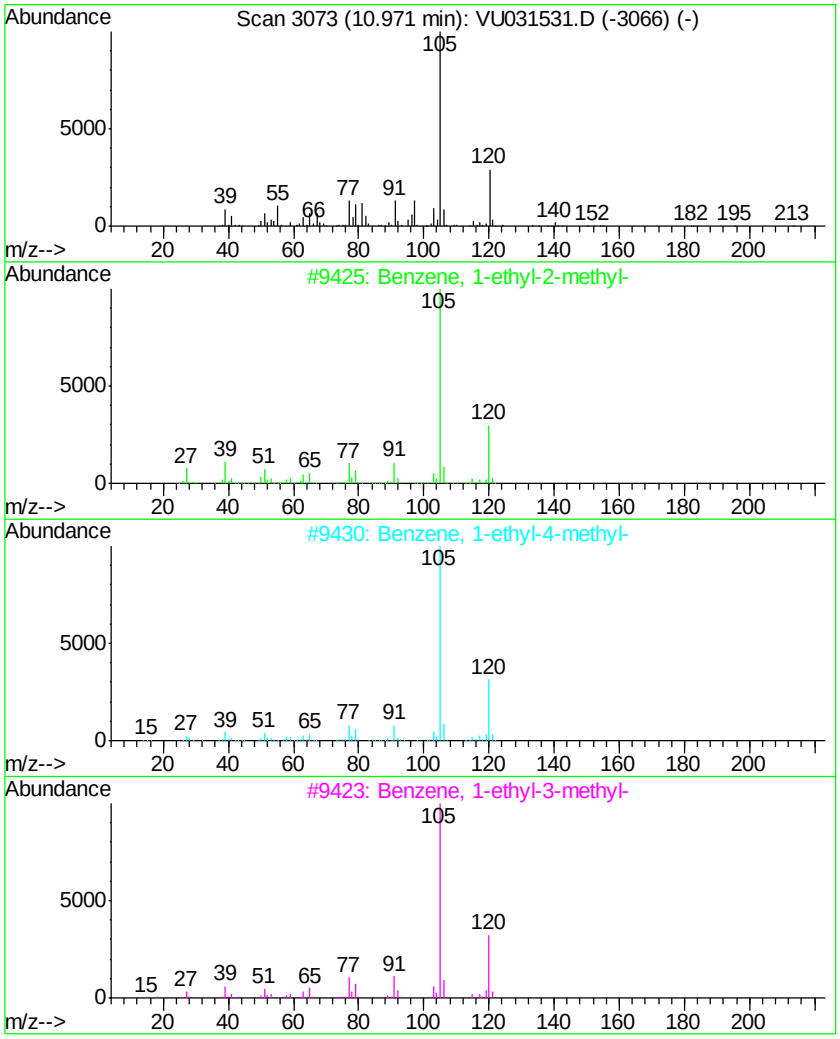
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

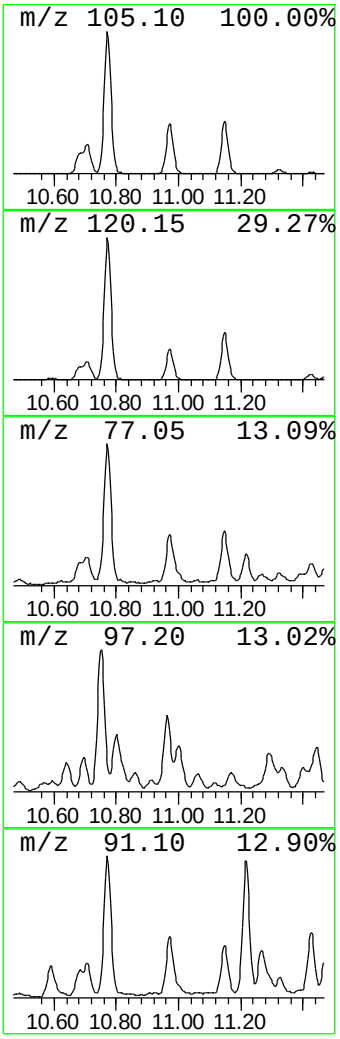
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	46.34 ug/L	2060160	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
5	Mesitylene	120	C9H12	000108-67-8	70





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Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

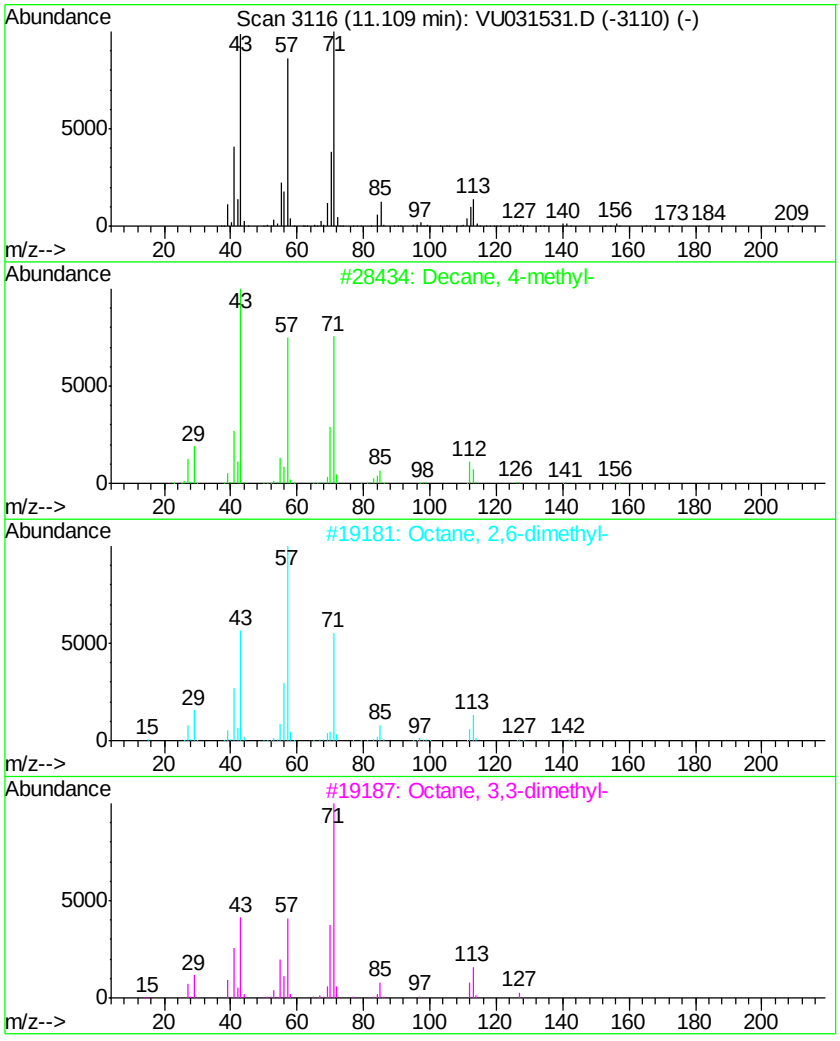
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

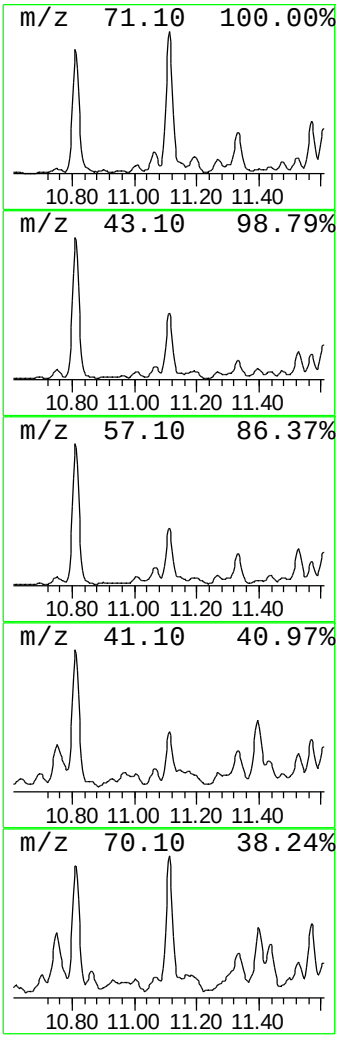
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	34.71 ug/L	1543220	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64





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Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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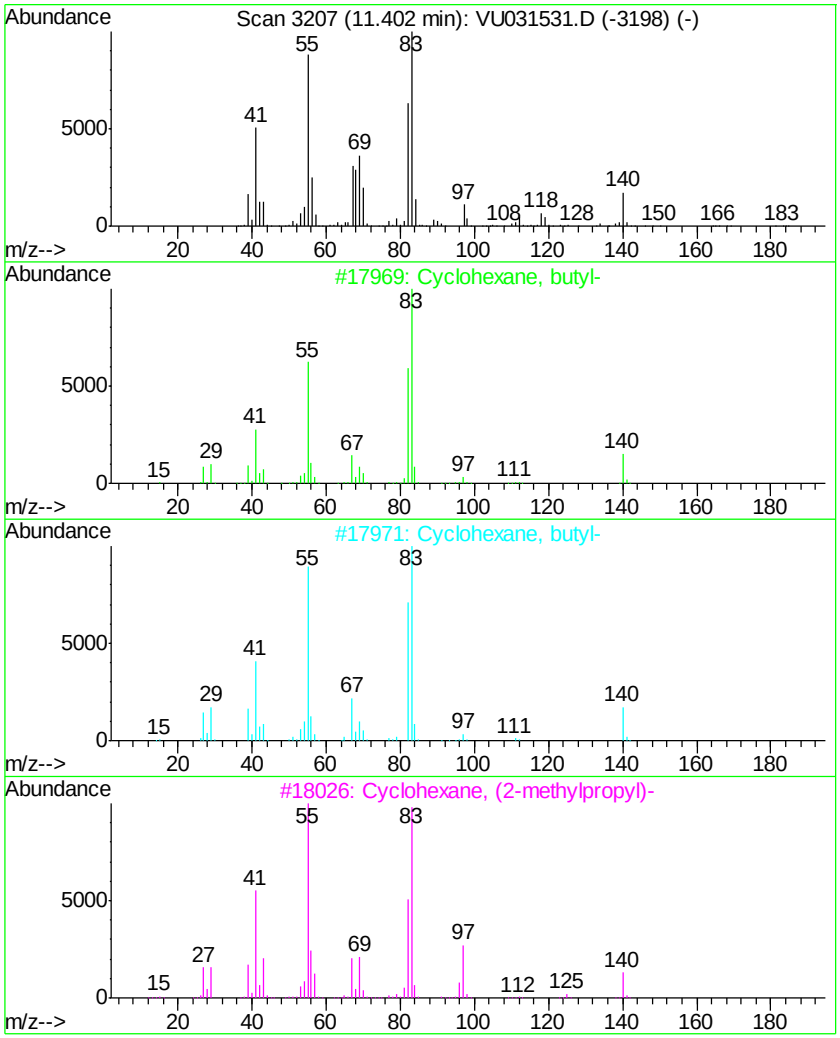
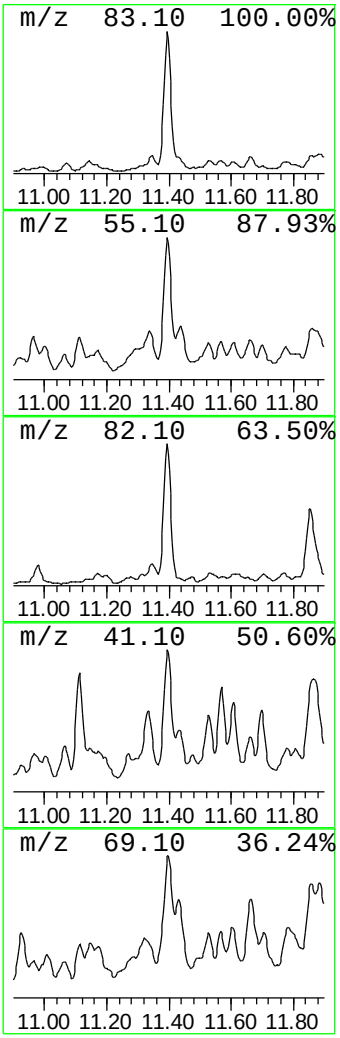
Peak Number 10 (DEL) Alkane: Cyclic11.40 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	42.81 ug/L	1903340	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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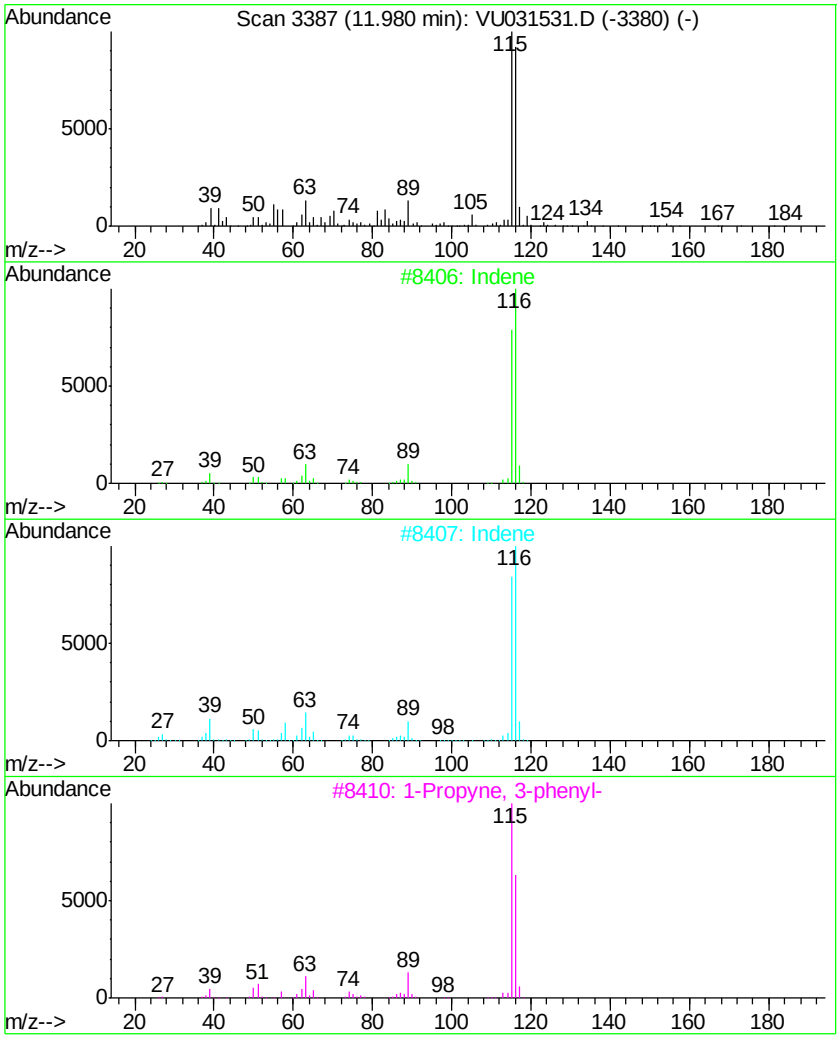
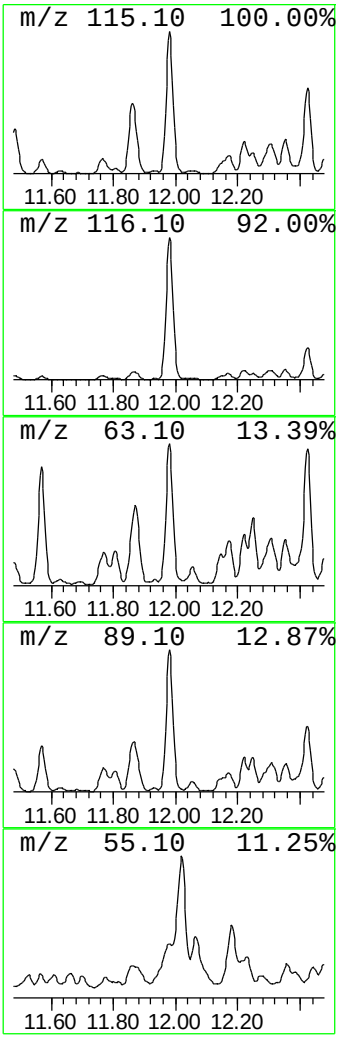
Peak Number 12 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	59.80 ug/L	2658310	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
4	Indene	116	C9H8	000095-13-6	95
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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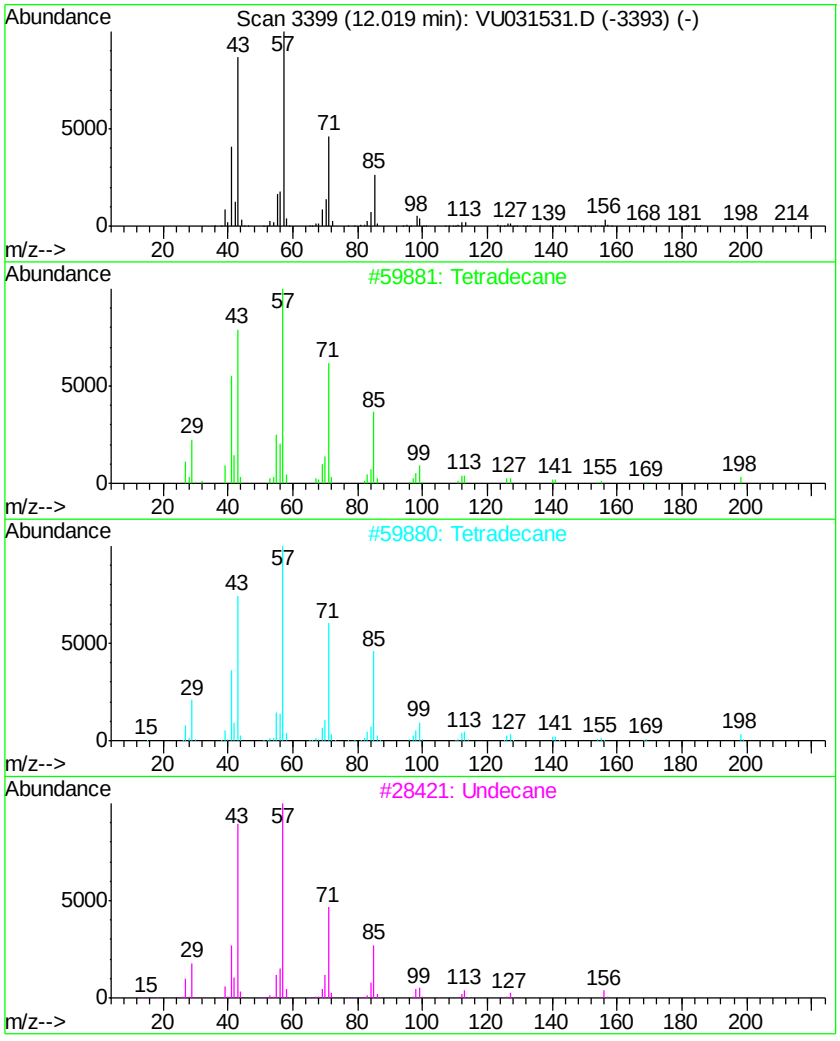
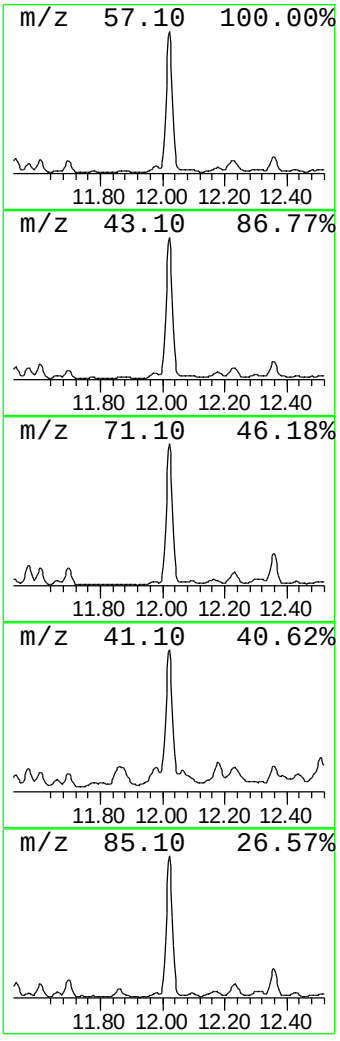
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	158.93 ug/L	7065710	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Undecane	156	C11H24	001120-21-4	91
4	Undecane	156	C11H24	001120-21-4	91
5	Undecane	156	C11H24	001120-21-4	87





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Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

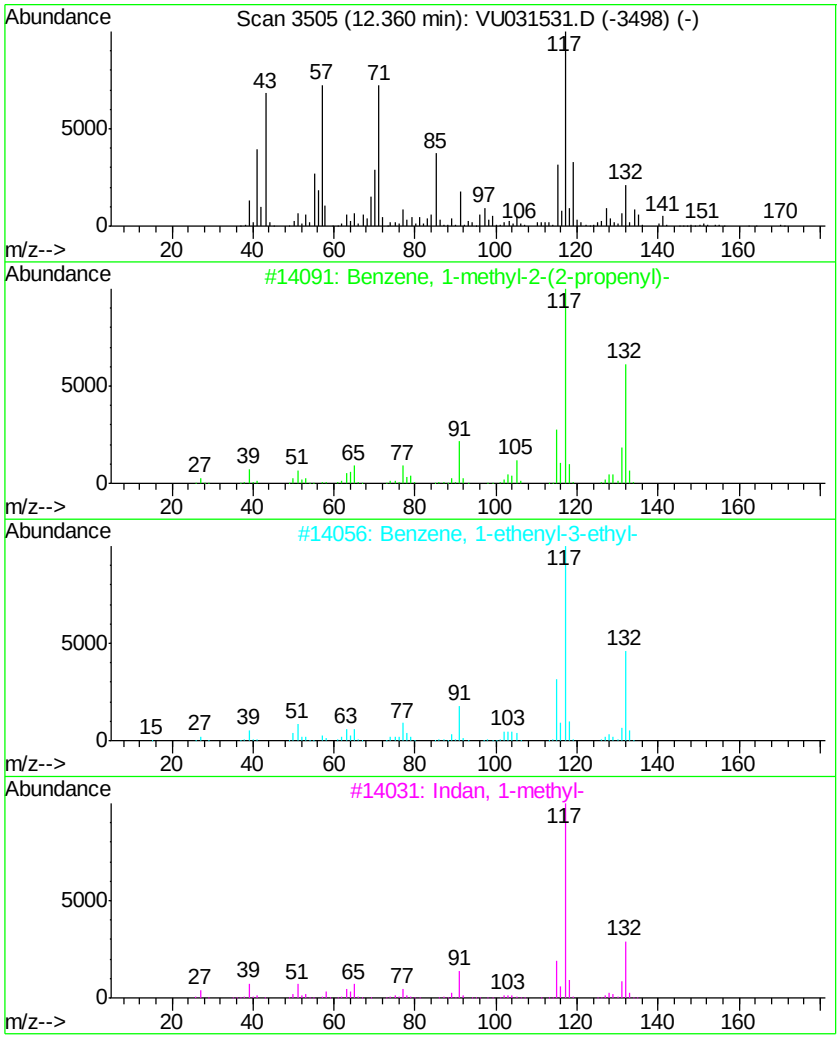
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

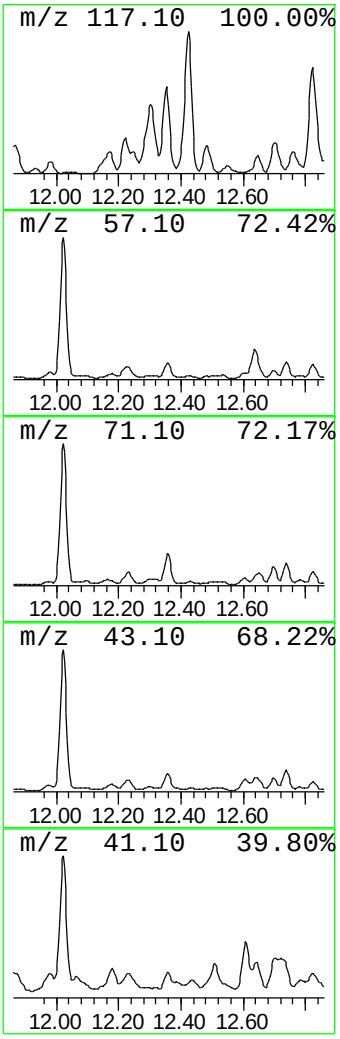
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-2-(2-prop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	44.96 ug/L	1998910	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
3	Indan, 1-methyl-	132	C10H12	000767-58-8	50
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	49
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	46





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Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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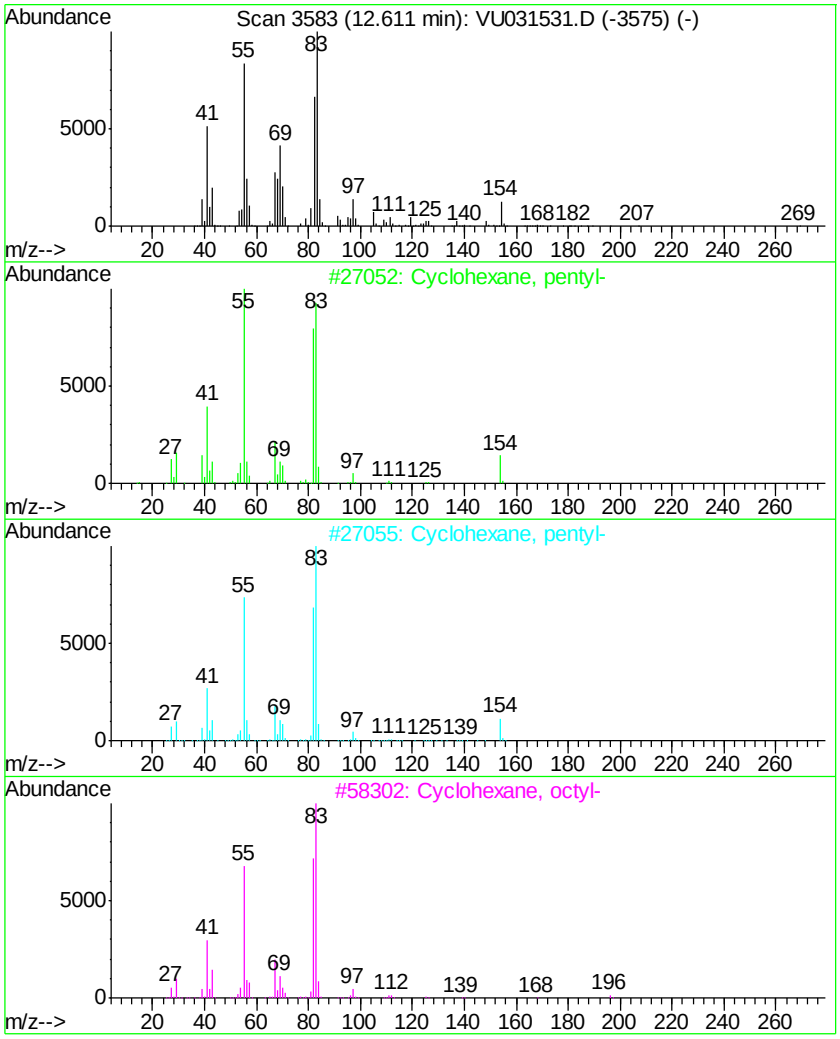
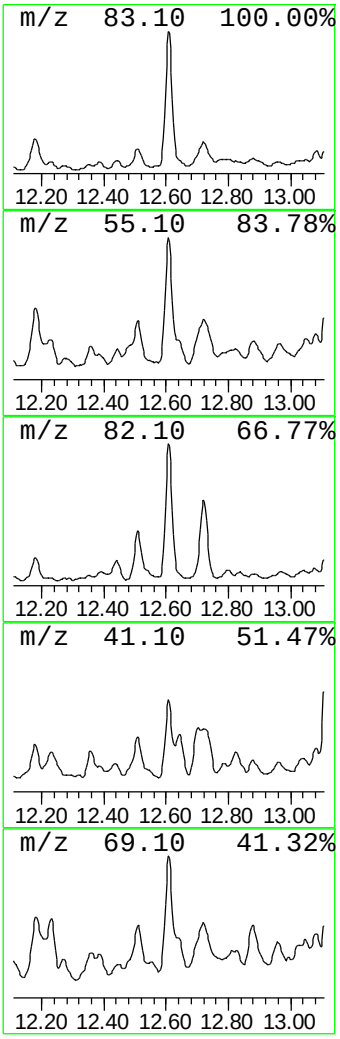
Peak Number 15 (DEL) Alkane: Cyclic12.61 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	77.68 ug/L	3453310	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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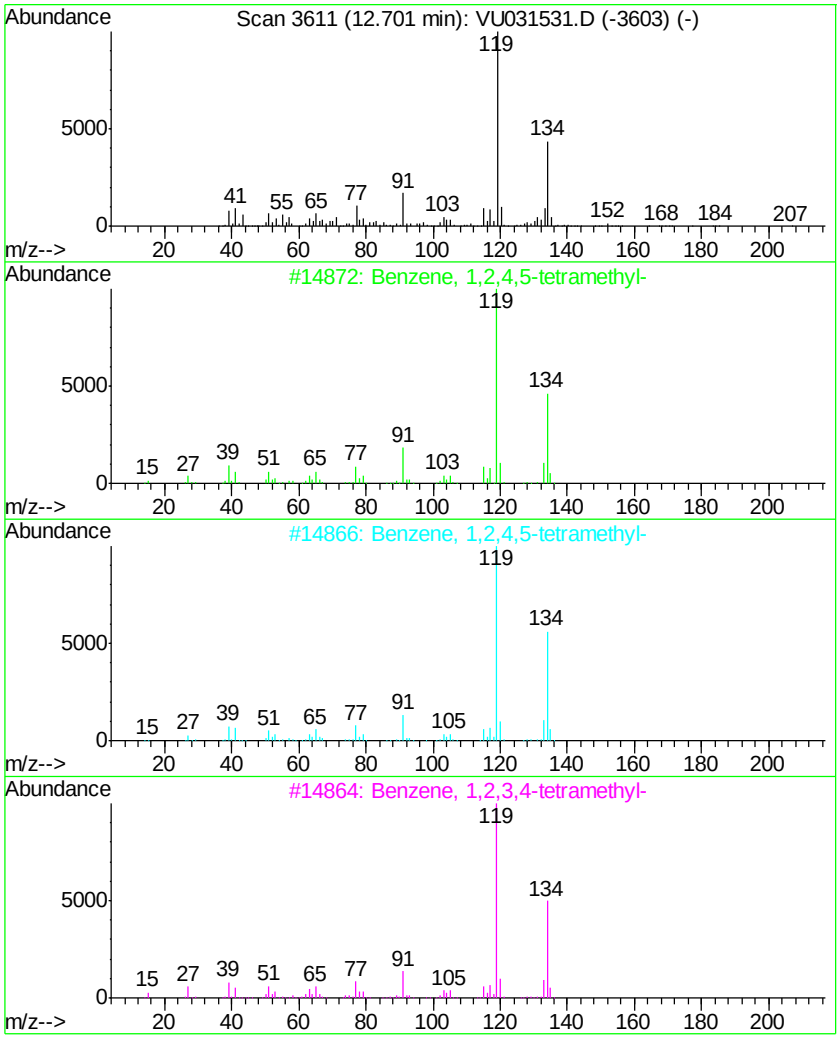
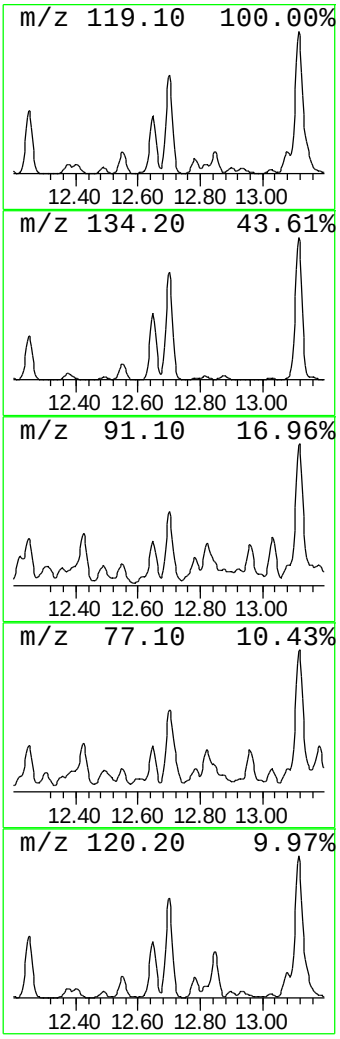
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	244.08 ug/L	10851100	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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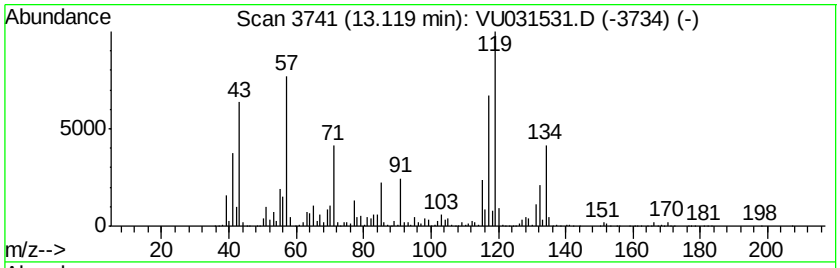
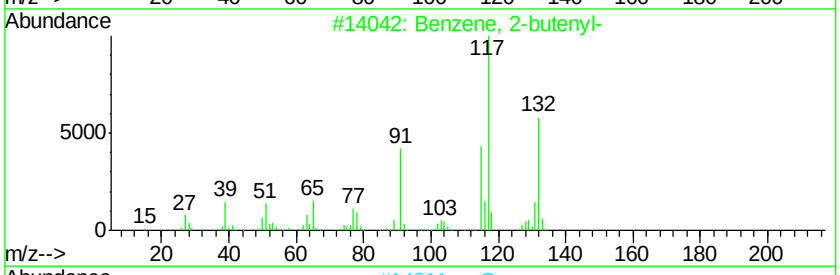
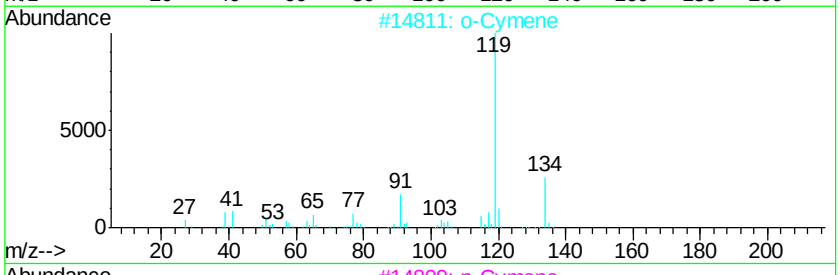
Peak Number 17 Benzene, 2-butenyl- Concentration Rank 5

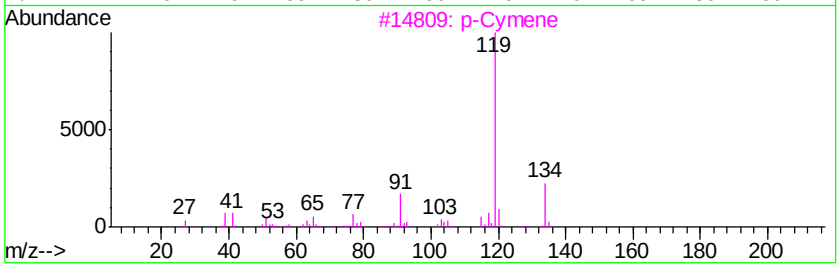
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	436.94 ug/L	19425100	1,4-Dichlorobenzene-d4	11.49

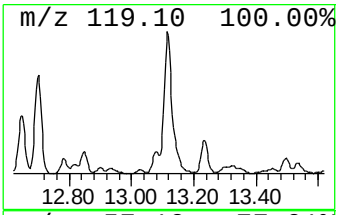
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62
2	o-Cymene	134	C10H14	000527-84-4	46
3	p-Cymene	134	C10H14	000099-87-6	46
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46

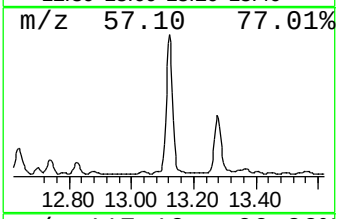


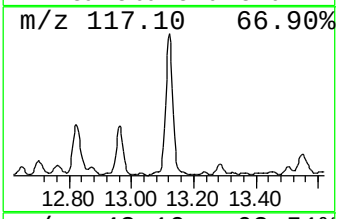


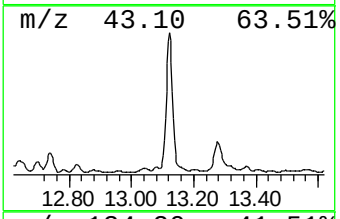


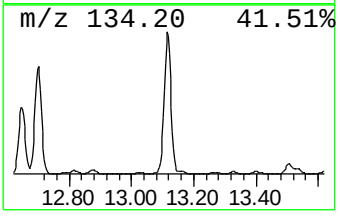












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

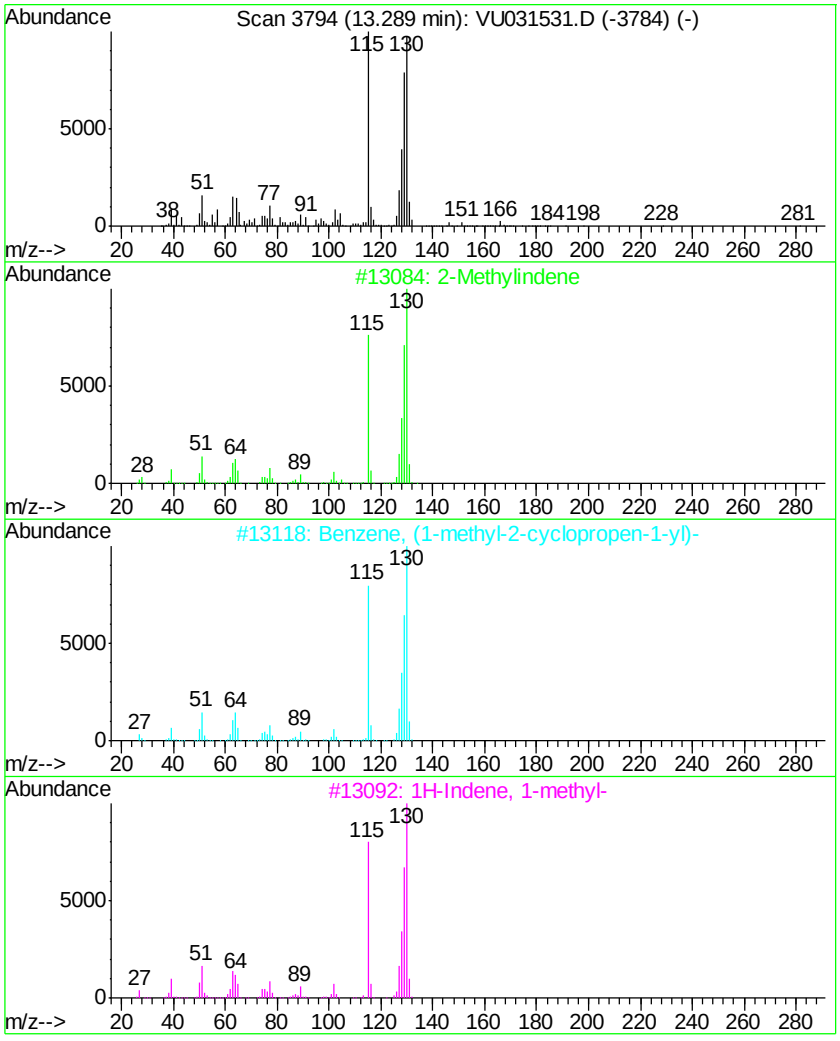
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

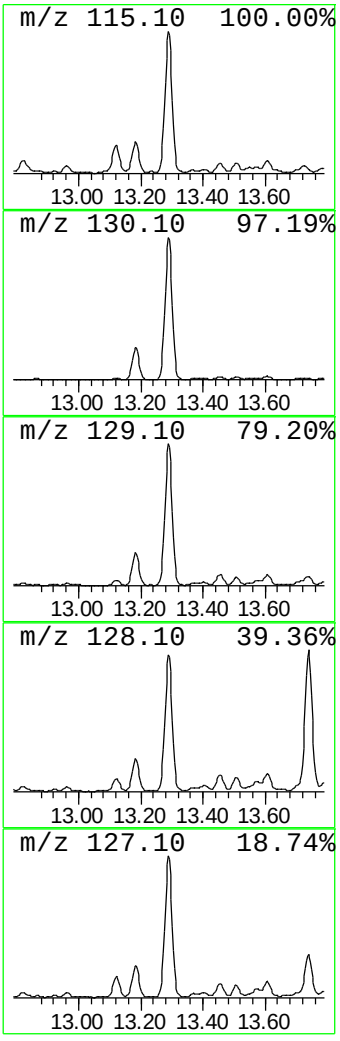
****

Peak Number 18 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	547.93 ug/L	24359400	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

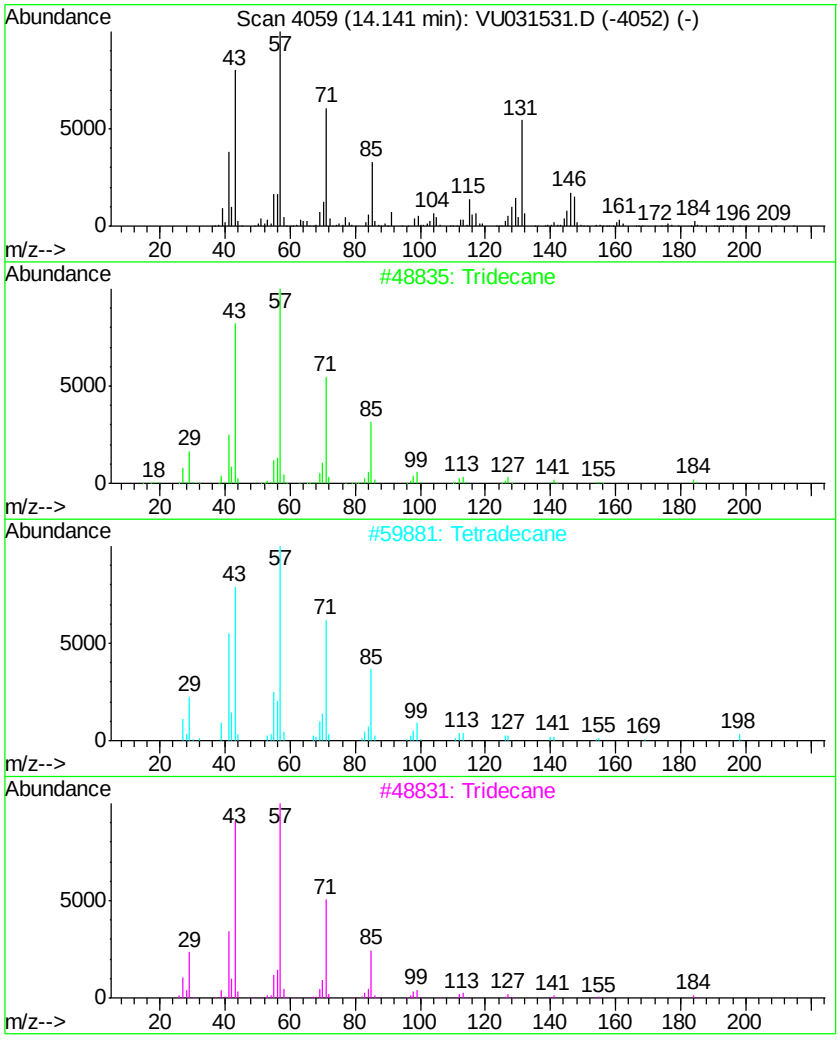
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

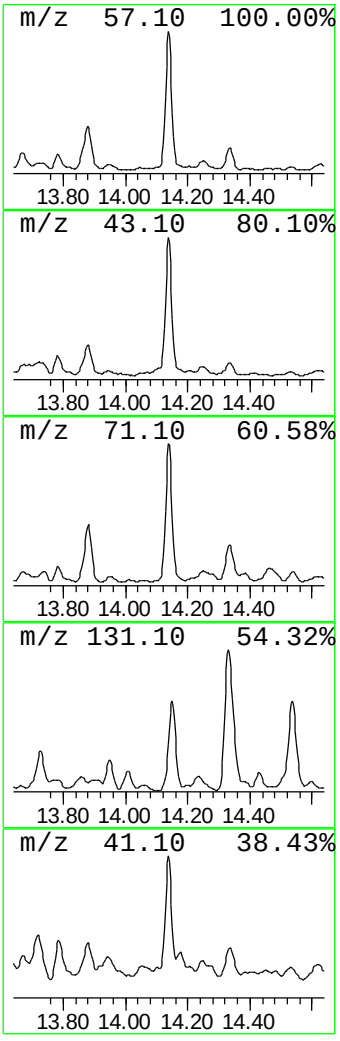
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	186.58 ug/L	8294950	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	84
3	Tridecane	184	C13H28	000629-50-5	64
4	Tetradecane	198	C14H30	000629-59-4	46
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

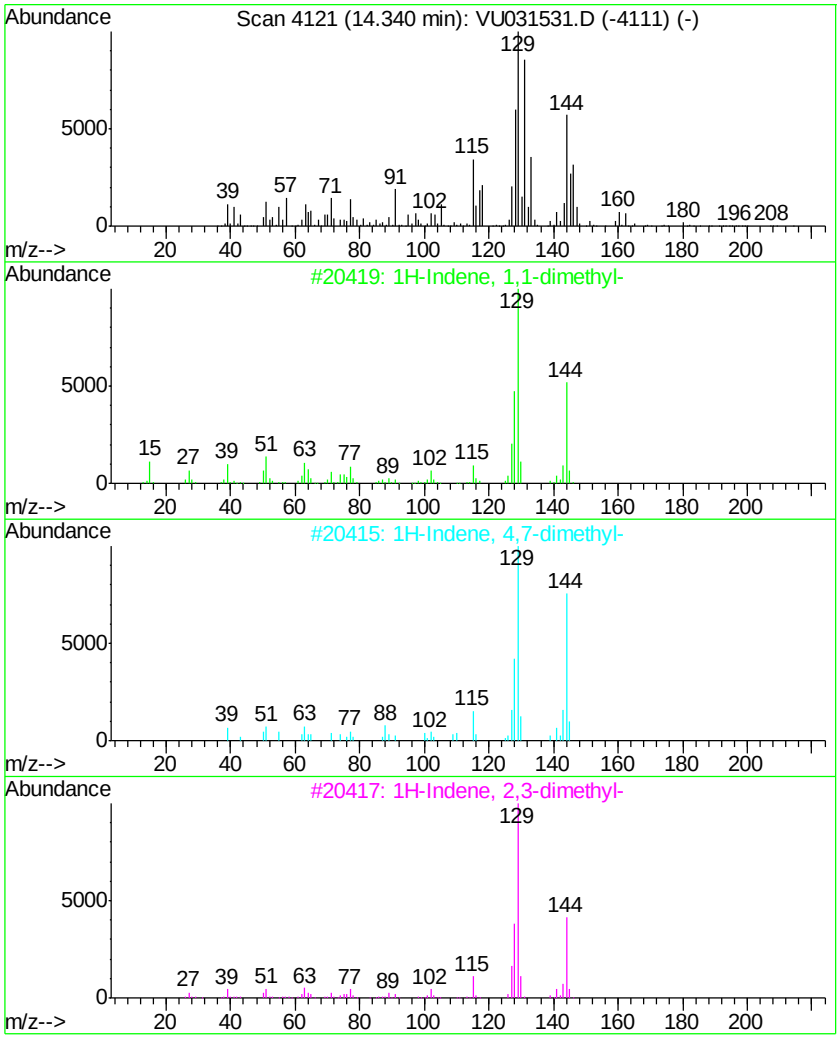
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

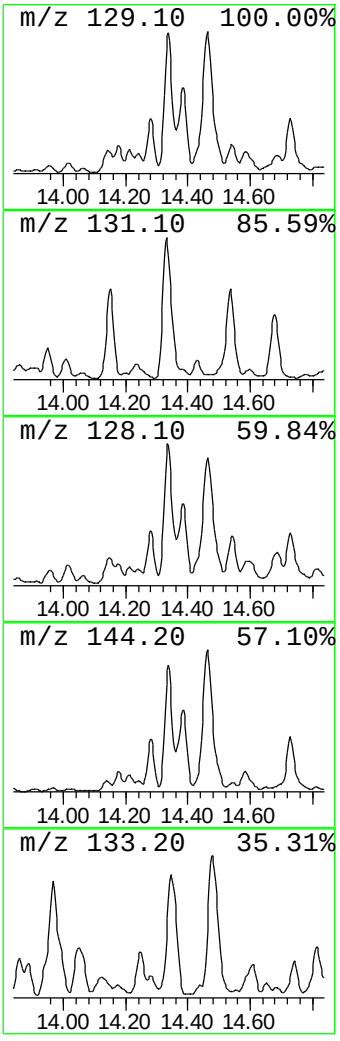
****

Peak Number 20 1H-Indene, 1,1-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	324.17 ug/L	14411700	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	55
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	55
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	55
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

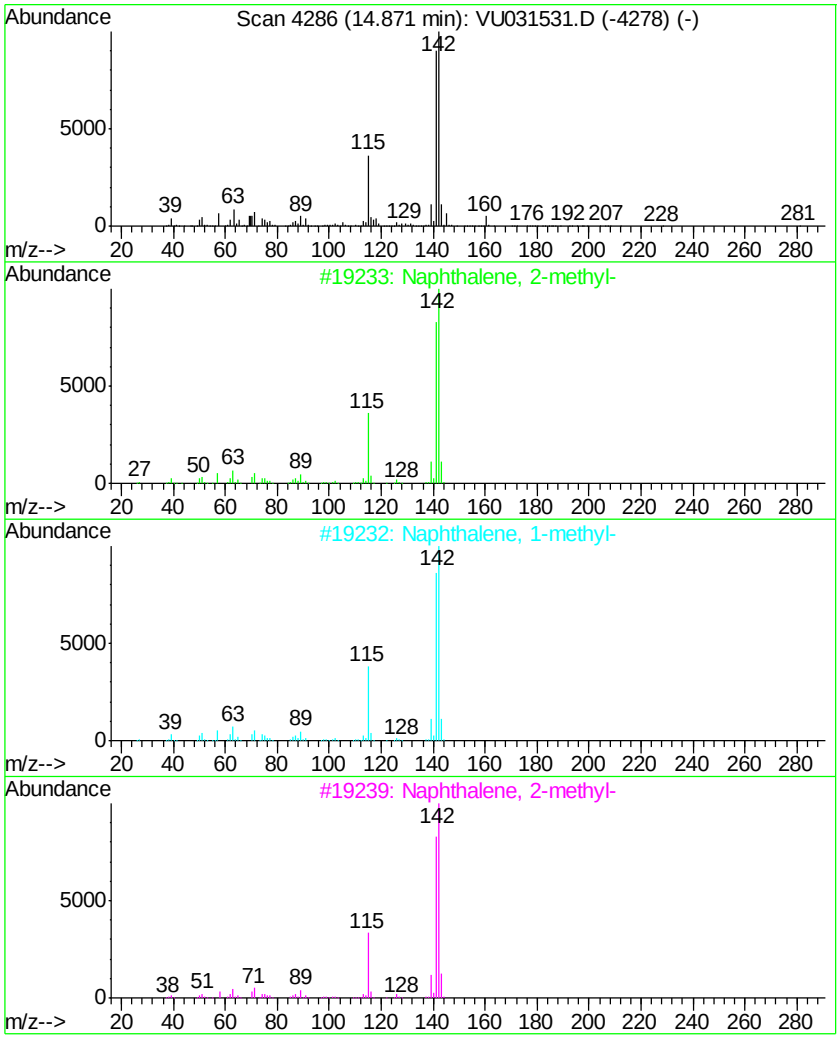
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

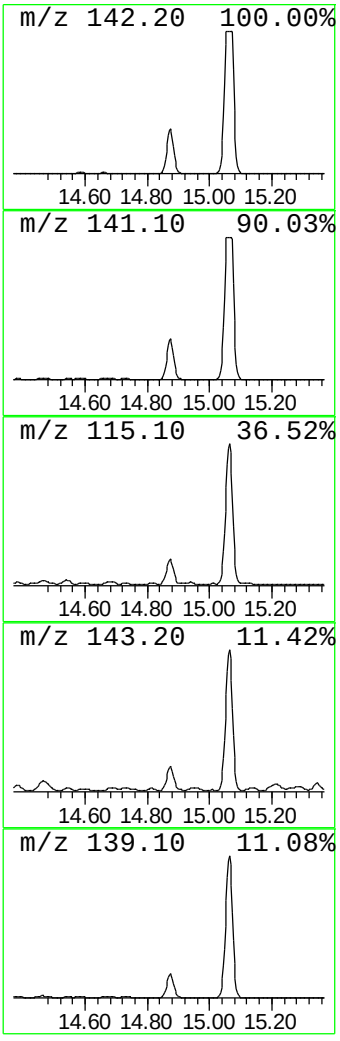
****

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	356.83 ug/L	15863400	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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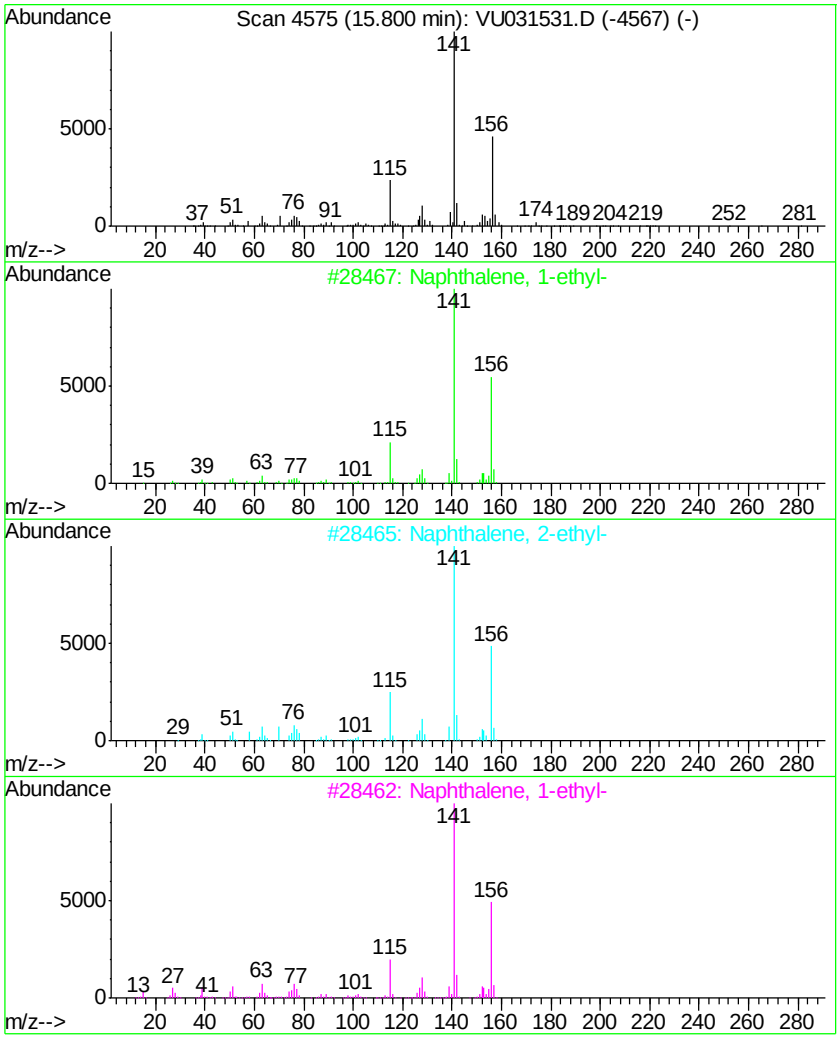
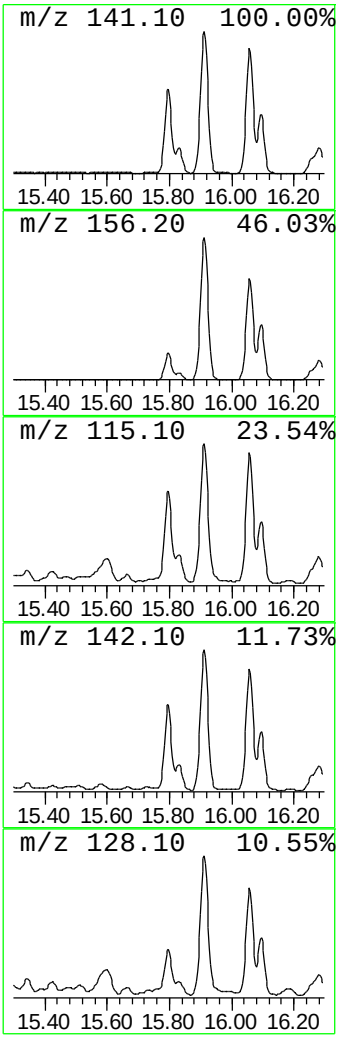
Peak Number 23 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	168.32 ug/L	7482960	1,4-Dichlorobenzene-d4	11.49

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, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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

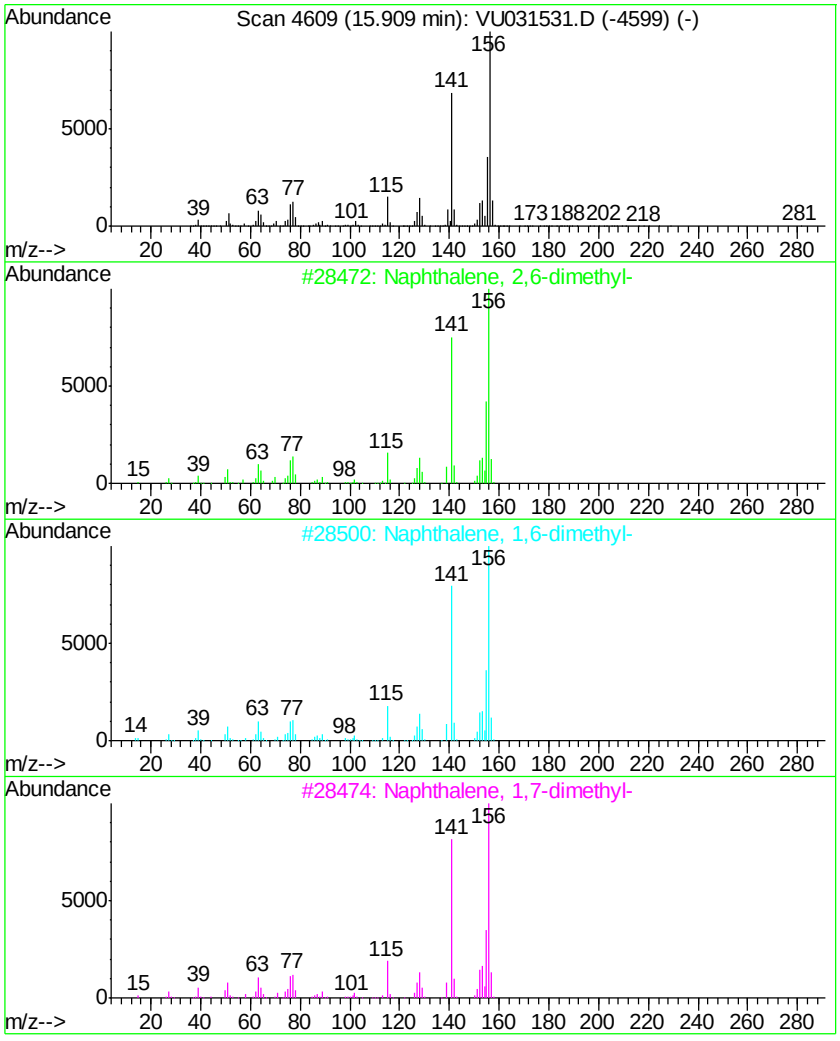
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

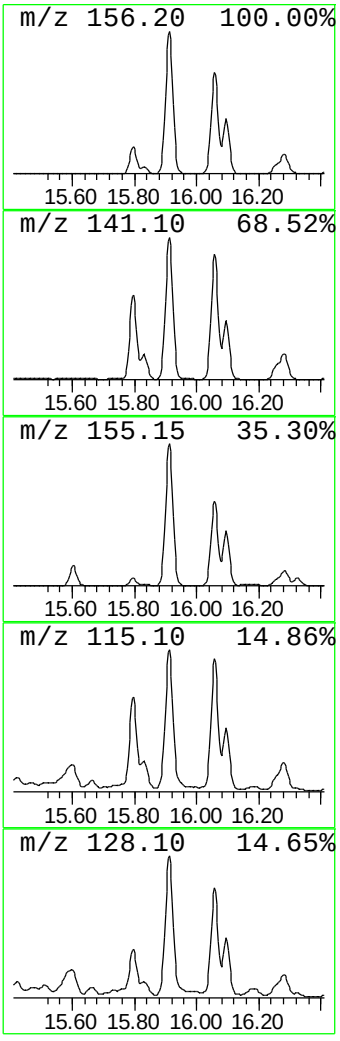
****

Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	766.85 ug/L	34091700	1,4-Dichlorobenzene-d4	11.49

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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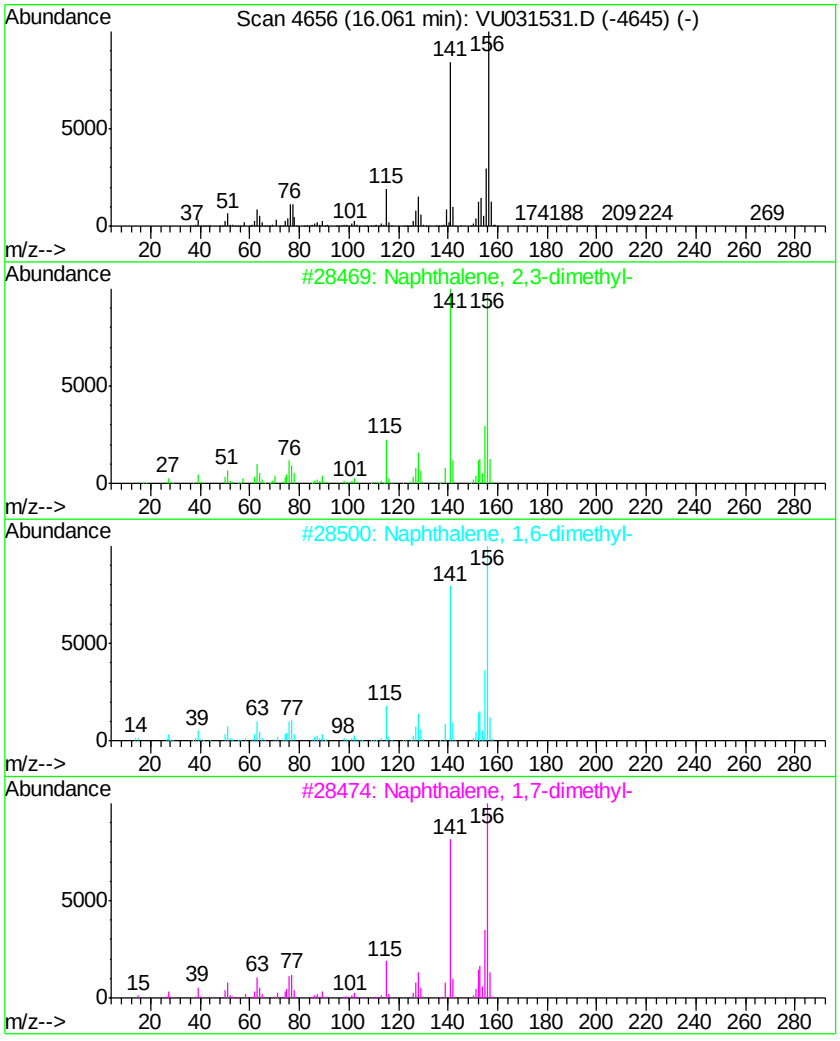
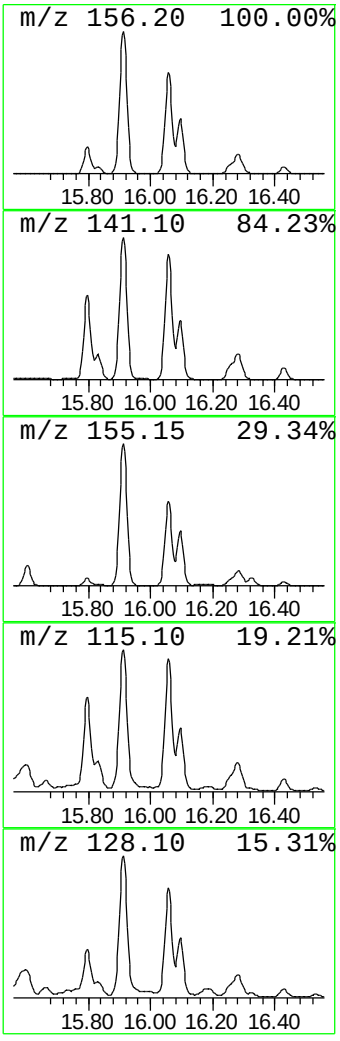
Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	542.54 ug/L	24119800	1,4-Dichlorobenzene-d4	11.49

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, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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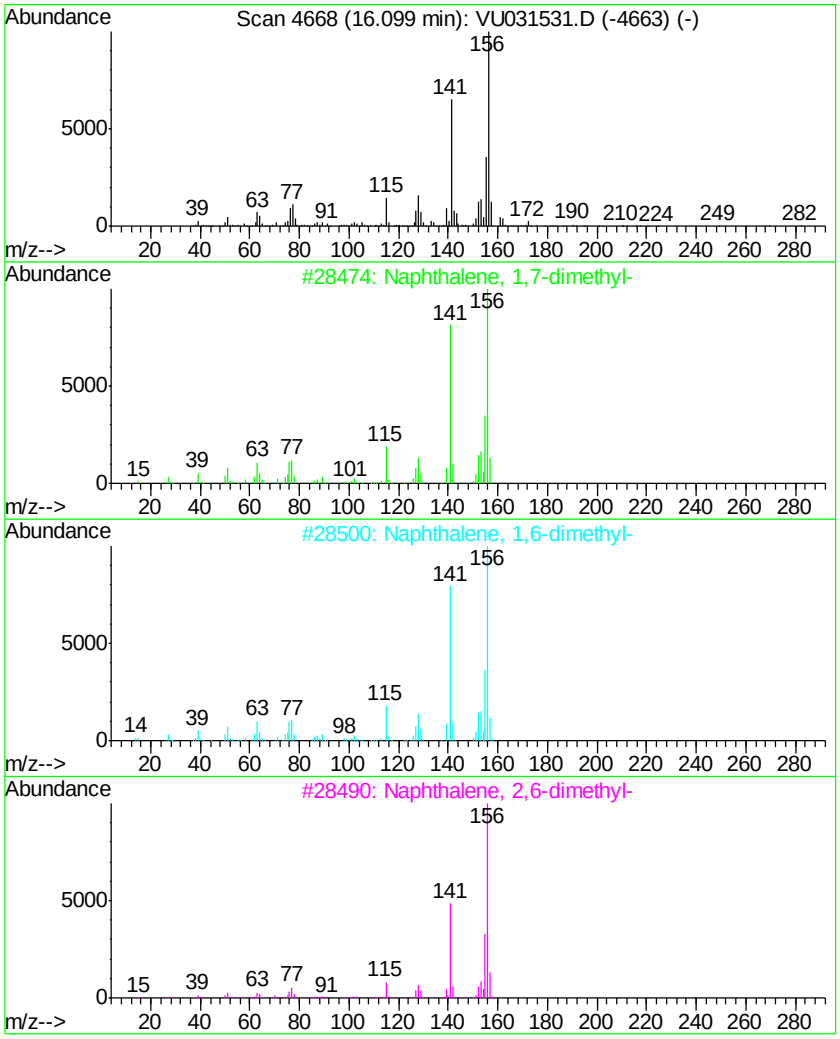
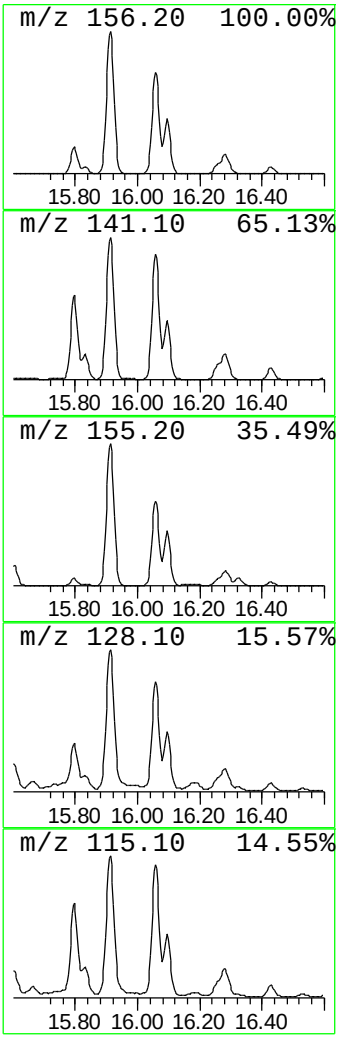
Peak Number 26 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	239.44 ug/L	10644600	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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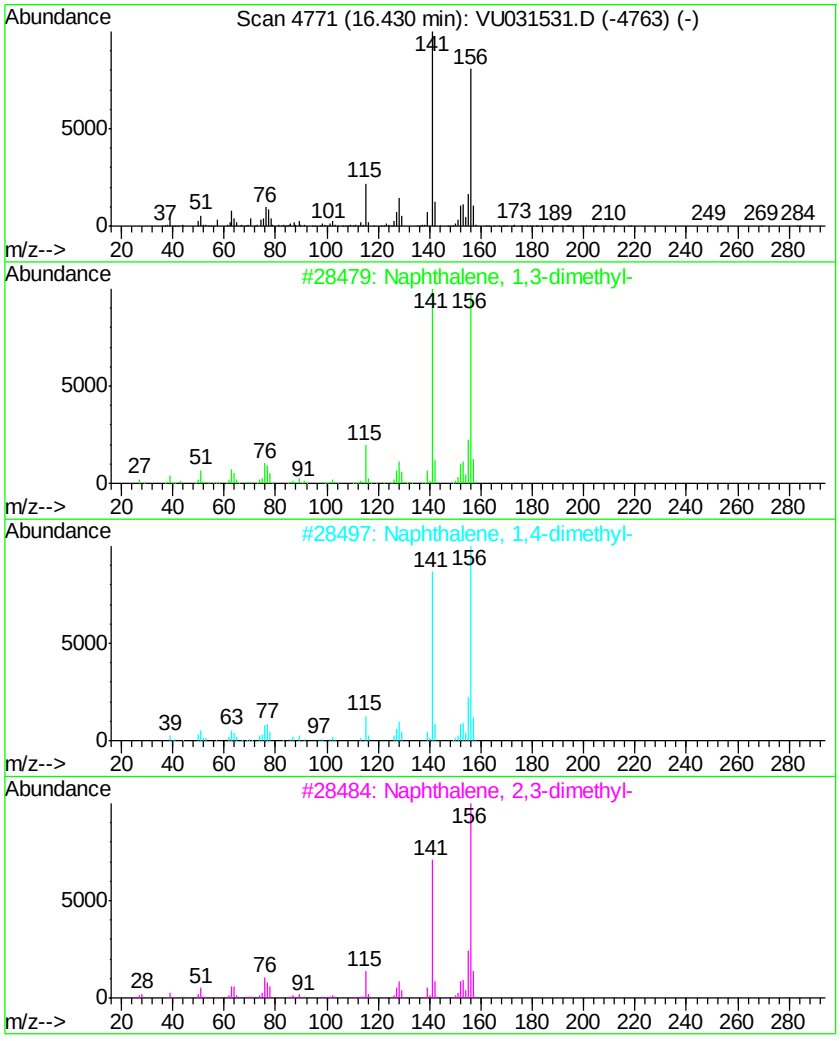
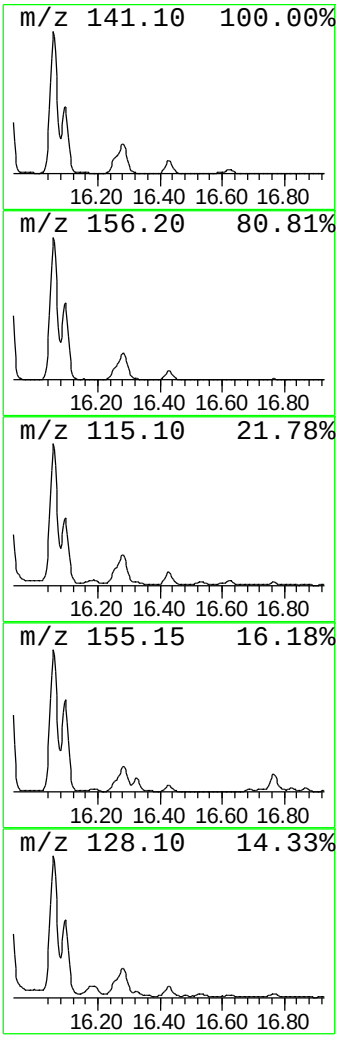
Peak Number 28 Naphthalene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	37.38 ug/L	1661640	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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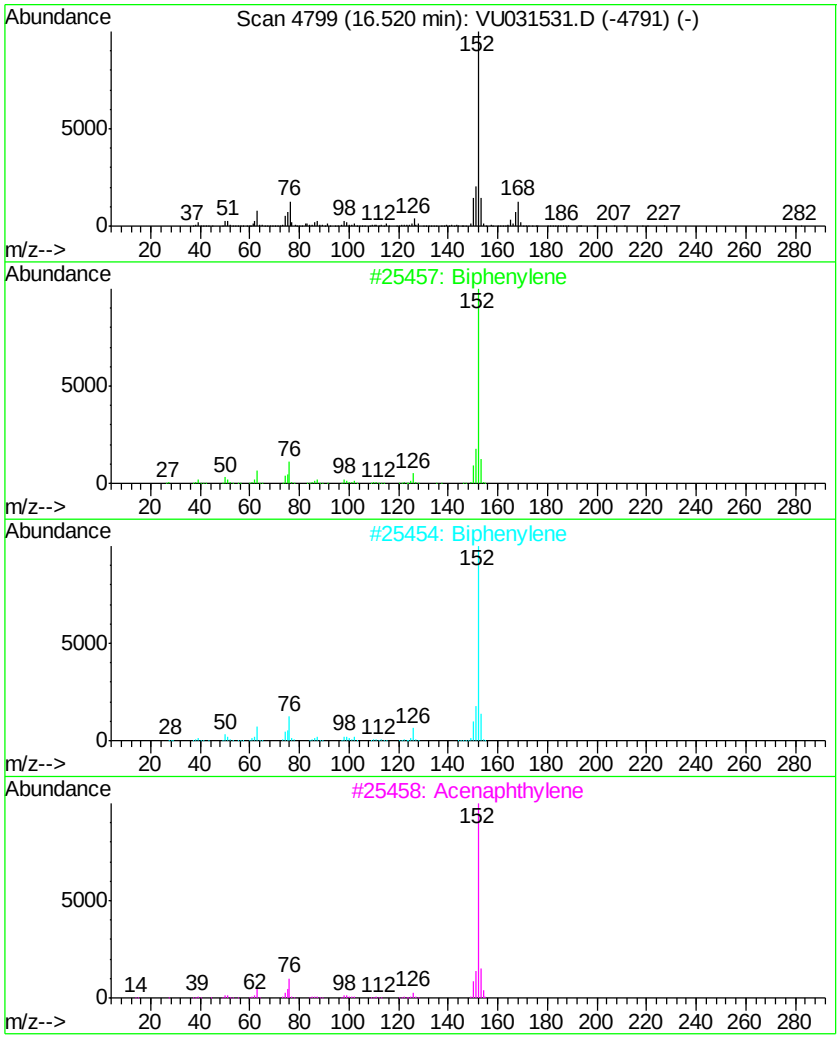
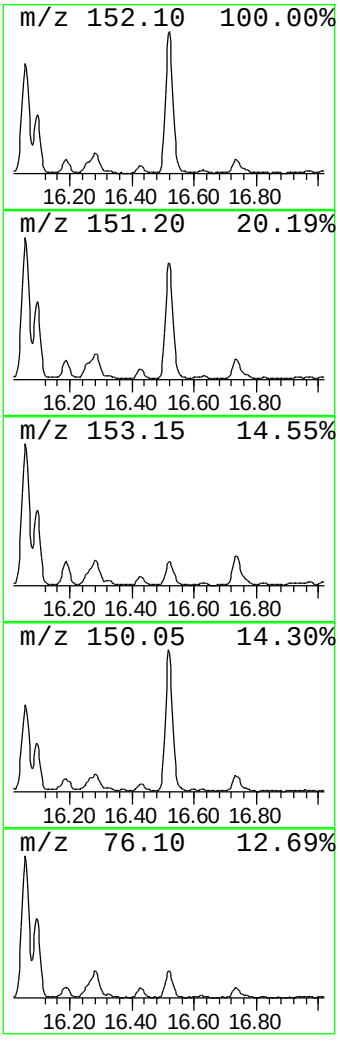
Peak Number 29 Biphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	64.17 ug/L	2852700	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Biphenylene	152	C12H8	000259-79-0	90
3	Acenaphthylene	152	C12H8	000208-96-8	81
4	Acenaphthylene	152	C12H8	000208-96-8	70
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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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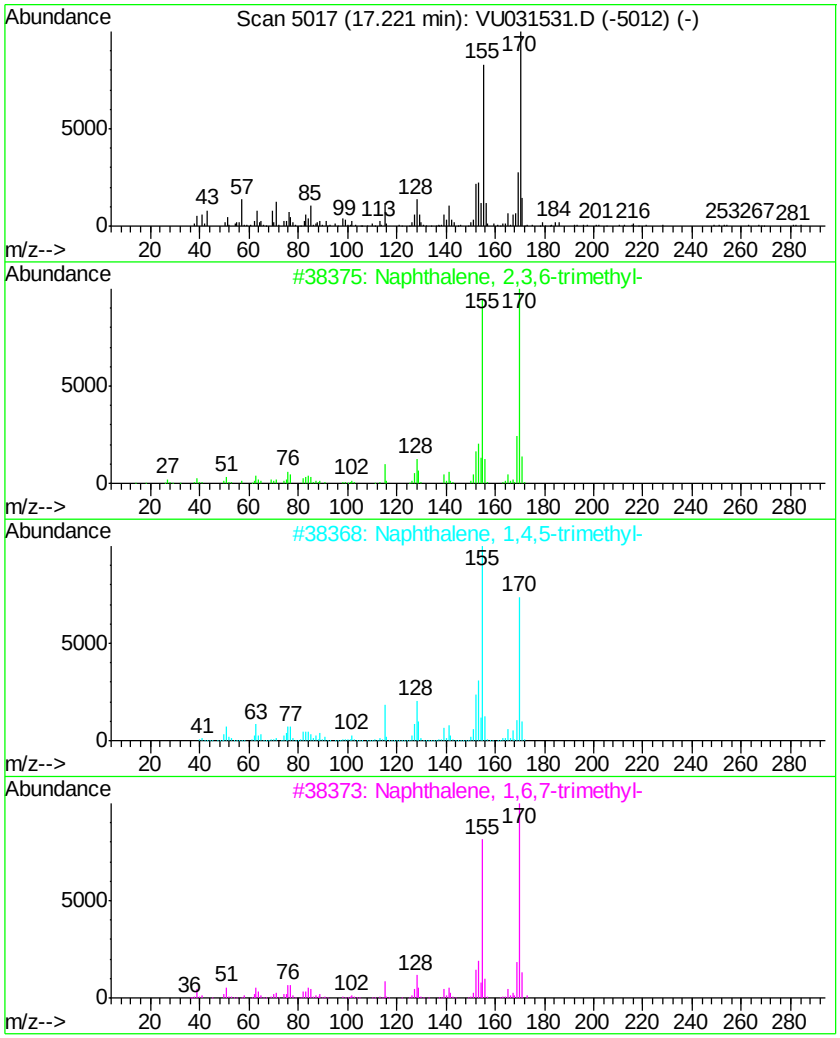
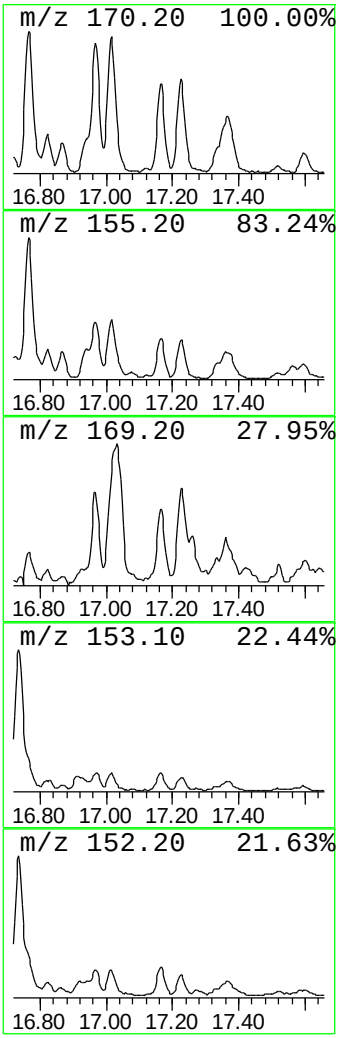
Peak Number 30 Naphthalene, 2,3,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	6.59 ug/L	292913	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\
Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

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
(DEL) Alkane: Str...	9.03	2.5	ug/L	120966	2	9.09	2386990	50.0
(DEL) Alkane: Str...	9.44	14.4	ug/L	686185	2	9.09	2386990	50.0
(DEL) Alkane: Str...	9.95	20.8	ug/L	993172	2	9.09	2386990	50.0
(DEL) Alkane: Cyc...	10.04	11.0	ug/L	526557	2	9.09	2386990	50.0
Benzene, 1,2,3-tr...	10.77	97.1	ug/L	4316770	3	11.49	2222850	50.0
(DEL) Alkane: Str...	10.81	79.3	ug/L	3524210	3	11.49	2222850	50.0
Benzene, 1-ethyl-...	10.97	46.3	ug/L	2060160	3	11.49	2222850	50.0
(DEL) Alkane: Str...	11.11	34.7	ug/L	1543220	3	11.49	2222850	50.0
(DEL) Alkane: Cyc...	11.40	42.8	ug/L	1903340	3	11.49	2222850	50.0
Indene	11.98	59.8	ug/L	2658310	3	11.49	2222850	50.0
(DEL) Alkane: Str...	12.02	158.9	ug/L	7065710	3	11.49	2222850	50.0
Benzene, 1-methyl...	12.36	45.0	ug/L	1998910	3	11.49	2222850	50.0
(DEL) Alkane: Cyc...	12.61	77.7	ug/L	3453310	3	11.49	2222850	50.0
Benzene, 1,2,4,5-...	12.70	244.1	ug/L	10851100	3	11.49	2222850	50.0
Benzene, 2-butenyl-	13.12	436.9	ug/L	19425100	3	11.49	2222850	50.0
2-Methylindene	13.29	547.9	ug/L	24359400	3	11.49	2222850	50.0
(DEL) Alkane: Str...	14.14	186.6	ug/L	8294950	3	11.49	2222850	50.0
1H-Indene, 1,1-di...	14.34	324.2	ug/L	14411700	3	11.49	2222850	50.0
Naphthalene, 1-me...	14.87	356.8	ug/L	15863400	3	11.49	2222850	50.0
Naphthalene, 1-et...	15.80	168.3	ug/L	7482960	3	11.49	2222850	50.0
Naphthalene, 2,6-...	15.91	766.9	ug/L	34091700	3	11.49	2222850	50.0
Naphthalene, 2,3-...	16.06	542.5	ug/L	24119800	3	11.49	2222850	50.0
Naphthalene, 1,7-...	16.10	239.4	ug/L	10644600	3	11.49	2222850	50.0
Naphthalene, 1,3-...	16.43	37.4	ug/L	1661640	3	11.49	2222850	50.0
Biphenylene	16.52	64.2	ug/L	2852700	3	11.49	2222850	50.0
Naphthalene, 2,3,...	17.22	6.6	ug/L	292913	3	11.49	2222850	50.0