

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030636.D
 Acq On : 03 Apr 2019 18:42
 Operator : JC/SP
 Sample : K2101-12ME
 Misc : 4.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0B7ME

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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	1.174	20	26	34	rBV3	14992	17473	0.89%	0.092%
2	1.392	87	94	109	rVB	239414	272855	13.97%	1.433%
3	1.637	129	170	181	rBV	261107	773076	39.58%	4.061%
4	2.145	325	328	329	rBV3	4469	2512	0.13%	0.013%
5	2.235	345	356	370	rVB	449259	692982	35.48%	3.640%
6	2.296	372	375	381	rVB7	5357	5539	0.28%	0.029%
7	2.688	487	497	502	rBV2	5996	10917	0.56%	0.057%
8	2.826	532	540	549	rVV9	3027	6011	0.31%	0.032%
9	2.971	582	585	594	rVB4	2117	3033	0.16%	0.016%
10	3.277	672	680	681	rBV3	2695	3239	0.17%	0.017%
11	4.071	917	927	931	rBV4	1251	2076	0.11%	0.011%
12	4.190	951	964	1002	rBV	148070	526192	26.94%	2.764%
13	4.640	1087	1104	1126	rBV	280089	720915	36.91%	3.787%
14	4.968	1196	1206	1207	rBV5	5295	6735	0.34%	0.035%
15	5.068	1227	1237	1247	rBV9	2253	4234	0.22%	0.022%
16	5.203	1267	1279	1292	rBV7	6427	14723	0.75%	0.077%
17	5.328	1296	1318	1353	rBV3	683165	1953410	100.00%	10.261%
18	5.527	1369	1380	1395	rVB4	8524	20461	1.05%	0.107%
19	5.604	1395	1404	1406	rBV8	4806	5567	0.28%	0.029%
20	5.778	1453	1458	1464	rVB5	2135	2106	0.11%	0.011%
21	5.878	1473	1489	1516	rBV	616537	1316120	67.38%	6.913%
22	6.174	1576	1581	1585	rBV4	1860	2232	0.11%	0.012%
23	6.248	1596	1604	1606	rBV7	4015	4463	0.23%	0.023%
24	6.325	1613	1628	1647	rBV	410203	867946	44.43%	4.559%
25	6.469	1665	1673	1681	rVB6	6068	9747	0.50%	0.051%
26	6.521	1681	1689	1703	rVB9	6615	13506	0.69%	0.071%
27	6.579	1703	1707	1714	rVB5	1756	2374	0.12%	0.012%
28	6.723	1742	1752	1753	rBV7	1833	2162	0.11%	0.011%
29	6.910	1795	1810	1825	rVB8	7831	21444	1.10%	0.113%
30	7.039	1842	1850	1859	rVV8	3848	7580	0.39%	0.040%
31	7.096	1862	1868	1877	rVV6	4831	7799	0.40%	0.041%
32	7.174	1881	1892	1897	rVV3	22788	35943	1.84%	0.189%
33	7.225	1897	1908	1931	rVV	234562	467791	23.95%	2.457%
34	7.334	1934	1942	1962	rVB3	20817	46061	2.36%	0.242%

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Instrument :
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 ClientSampleId :
 BF0B7ME

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Title : VOC Analysis

35	7.559	1987	2012	2039	rBV	863260	1584254	81.10%	8.322%
36	7.852	2086	2103	2133	rBV2	150244	310172	15.88%	1.629%
37	8.038	2154	2161	2171	rVB10	3597	5285	0.27%	0.028%
38	8.125	2184	2188	2194	rVB8	2058	2303	0.12%	0.012%
39	8.225	2208	2219	2234	rVB	82860	148164	7.58%	0.778%
40	8.318	2237	2248	2274	rBV	655256	1232800	63.11%	6.476%
41	8.447	2282	2288	2307	rVB6	15994	35652	1.83%	0.187%
42	8.537	2313	2316	2325	rVB9	5131	6581	0.34%	0.035%
43	8.601	2325	2336	2345	rBV5	11623	21435	1.10%	0.113%
44	8.752	2377	2383	2392	rVB7	4924	7295	0.37%	0.038%
45	8.807	2392	2400	2402	rBV3	10600	11178	0.57%	0.059%
46	8.907	2423	2431	2442	rVB3	32796	54854	2.81%	0.288%
47	9.029	2457	2469	2476	rBV3	32774	54155	2.77%	0.284%
48	9.087	2476	2487	2512	rVB	924204	1623760	83.12%	8.529%
49	9.244	2529	2536	2547	rVB10	5086	10062	0.52%	0.053%
50	9.344	2561	2567	2576	rVV7	5501	10909	0.56%	0.057%
51	9.399	2580	2584	2591	rVB6	5680	6868	0.35%	0.036%
52	9.444	2591	2598	2606	rBV6	6316	9980	0.51%	0.052%
53	9.563	2631	2635	2648	rVB10	3413	5327	0.27%	0.028%
54	9.714	2672	2682	2690	rBV8	8996	15253	0.78%	0.080%
55	9.817	2706	2714	2720	rBV6	7816	13707	0.70%	0.072%
56	9.948	2738	2755	2763	rBV3	23185	45419	2.33%	0.239%
57	10.013	2770	2775	2776	rBV4	2646	2352	0.12%	0.012%
58	10.042	2776	2784	2792	rVB8	10774	18555	0.95%	0.097%
59	10.080	2793	2796	2798	rBV4	3662	2645	0.14%	0.014%
60	10.151	2811	2818	2819	rBV7	2647	2554	0.13%	0.013%
61	10.218	2831	2839	2841	rBV8	3137	4197	0.21%	0.022%
62	10.251	2845	2849	2856	rVB5	5179	6841	0.35%	0.036%
63	10.318	2865	2870	2877	rVB4	7839	9249	0.47%	0.049%
64	10.431	2894	2905	2921	rBV	637952	1045621	53.53%	5.492%
65	10.530	2934	2936	2943	rVB7	3233	2032	0.10%	0.011%
66	10.588	2947	2954	2956	rBV3	6418	7039	0.36%	0.037%
67	10.704	2982	2990	2994	rVB9	3355	5178	0.27%	0.027%
68	10.752	2997	3005	3013	rVV8	11217	18722	0.96%	0.098%
69	10.810	3015	3023	3034	rVB10	13112	24295	1.24%	0.128%
70	10.926	3056	3059	3065	rVV9	2297	2382	0.12%	0.013%
71	11.067	3098	3103	3109	rBV7	5827	6858	0.35%	0.036%

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 ClientSampleId :
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 Title : VOC Analysis

72	11.112	3110	3117	3126	rBV3	16406	23257	1.19%	0.122%
73	11.267	3159	3165	3171	rBV6	6166	9382	0.48%	0.049%
74	11.331	3182	3185	3194	rVB8	8822	10968	0.56%	0.058%
75	11.395	3197	3205	3211	rVV6	11208	17058	0.87%	0.090%
76	11.482	3221	3232	3254	rBV	1048847	1676118	85.80%	8.804%
77	11.659	3282	3287	3297	rVB	7632	11894	0.61%	0.062%
78	11.765	3313	3320	3321	rBV6	7457	6715	0.34%	0.035%
79	11.858	3337	3349	3373	rBV	885475	1481007	75.82%	7.779%
80	12.353	3499	3503	3510	rBV9	9662	11093	0.57%	0.058%
81	12.607	3574	3582	3589	rBV7	20075	36084	1.85%	0.190%
82	12.881	3661	3667	3671	rBV8	7229	8838	0.45%	0.046%
83	13.041	3713	3717	3723	rVB7	8547	9125	0.47%	0.048%
84	13.125	3734	3743	3750	rBV10	30378	58624	3.00%	0.308%
85	13.279	3784	3791	3797	rBV3	29035	46904	2.40%	0.246%
86	13.447	3840	3843	3850	rBV9	5951	8422	0.43%	0.044%
87	13.726	3926	3930	3934	rBV5	9435	11325	0.58%	0.059%
88	13.881	3969	3978	3991	rVB	60649	103720	5.31%	0.545%
89	14.337	4112	4120	4132	rVB	18342	37680	1.93%	0.198%
90	14.881	4279	4289	4305	rBV2	145178	322194	16.49%	1.692%
91	15.064	4340	4346	4365	rVB4	46872	96074	4.92%	0.505%
92	15.659	4525	4531	4542	rBV2	39310	54281	2.78%	0.285%
93	15.803	4571	4576	4583	rVB2	21786	26721	1.37%	0.140%
94	15.913	4600	4610	4624	rBV2	130251	259827	13.30%	1.365%
95	16.057	4647	4655	4662	rBV	103353	163575	8.37%	0.859%
96	16.099	4663	4668	4677	rVB2	70794	107939	5.53%	0.567%
97	16.771	4869	4877	4886	rBV2	34427	63841	3.27%	0.335%
98	16.971	4934	4939	4947	rVB3	38278	51345	2.63%	0.270%
99	17.019	4948	4954	4963	rVB3	35259	48598	2.49%	0.255%
100	17.228	5013	5019	5029	rBV6	32237	51789	2.65%	0.272%

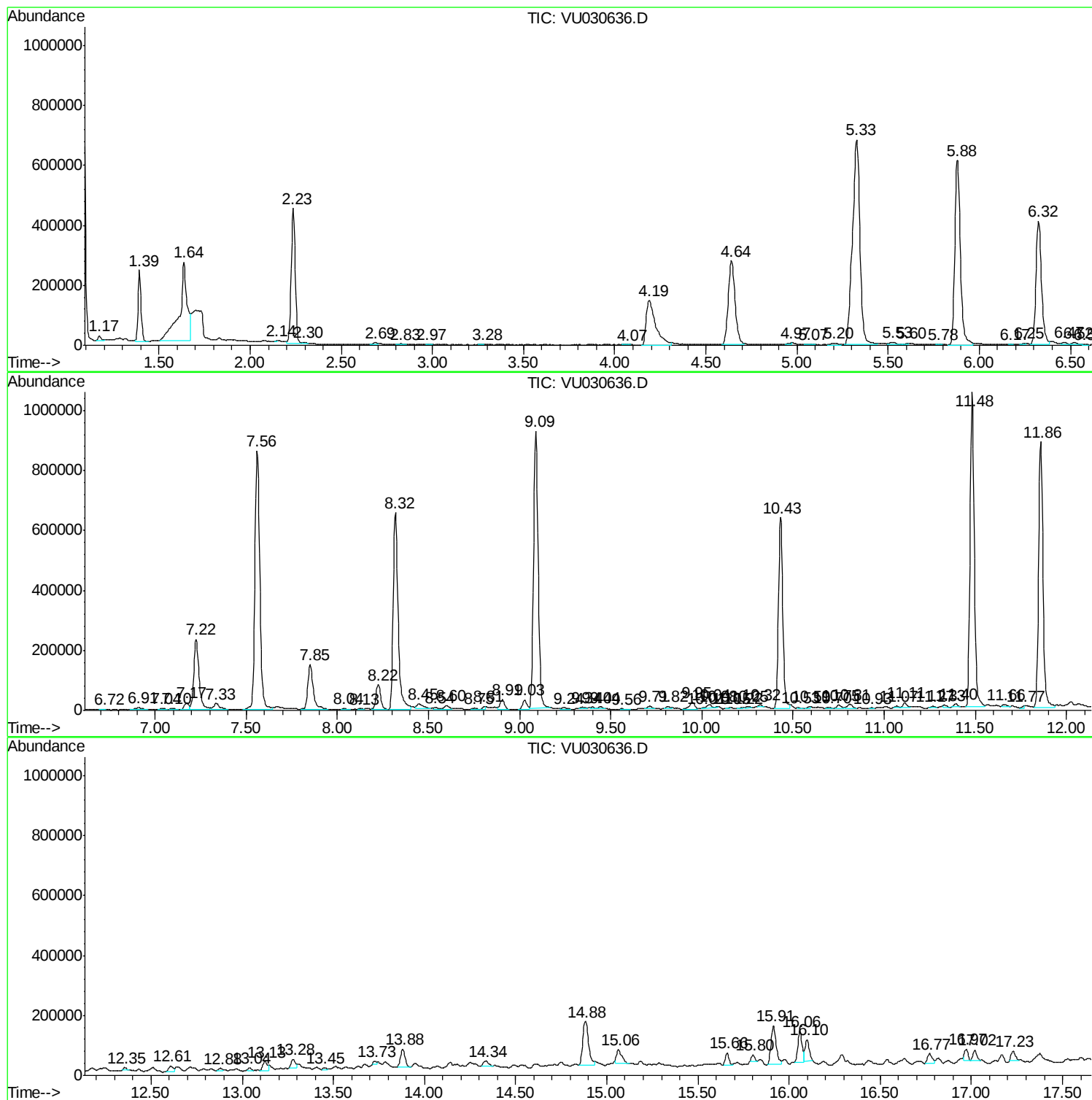
Sum of corrected areas: 19037555

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BF0B7ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B7ME

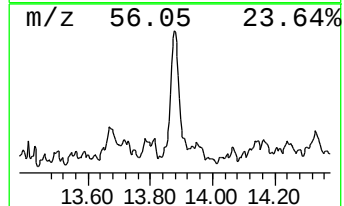
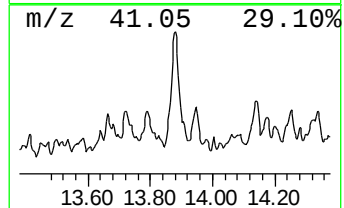
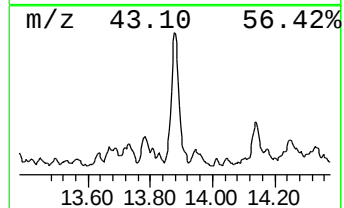
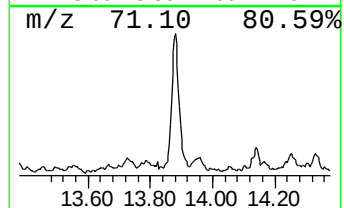
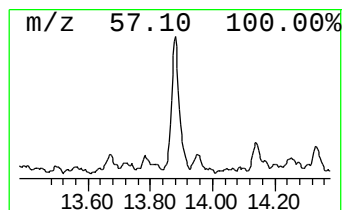
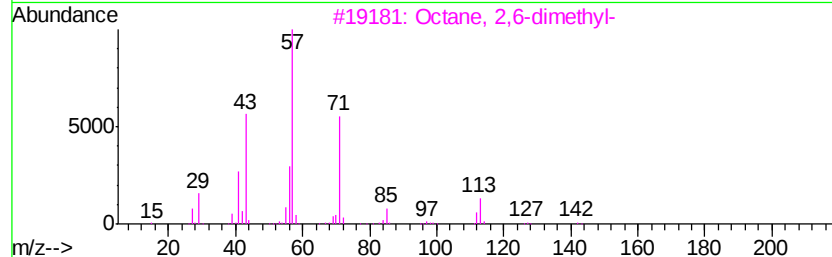
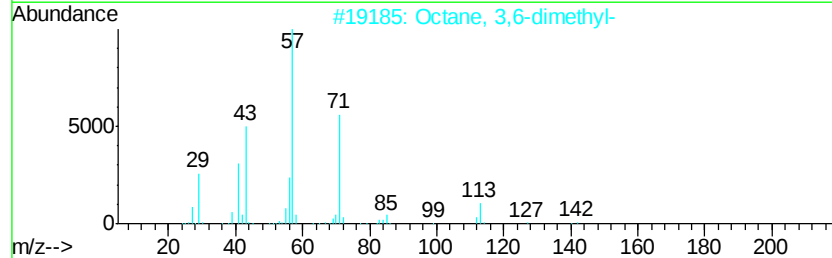
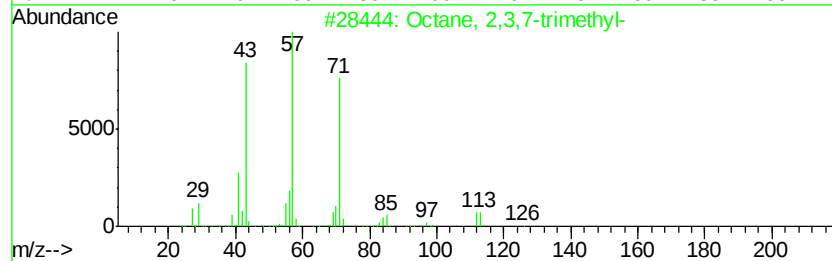
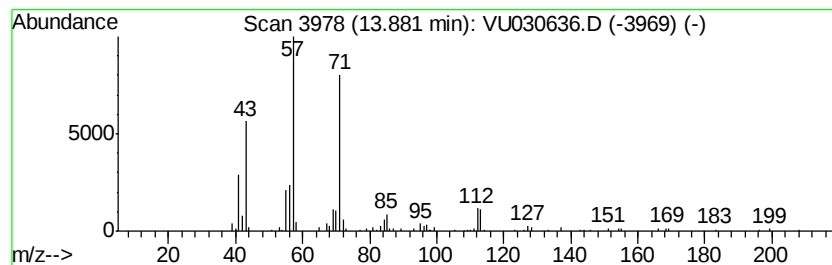
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.09 ug/L	103720	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



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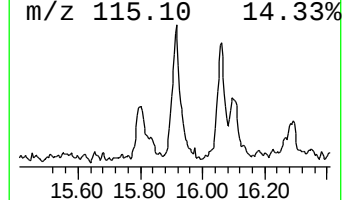
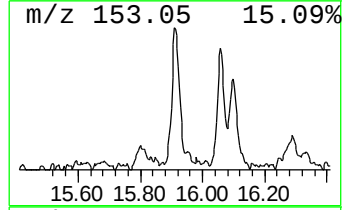
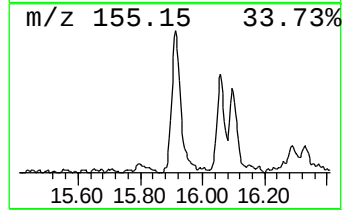
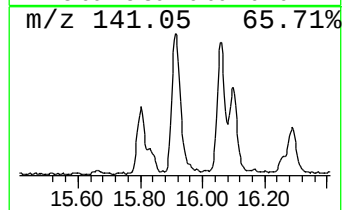
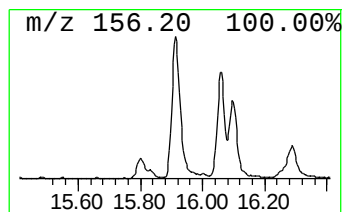
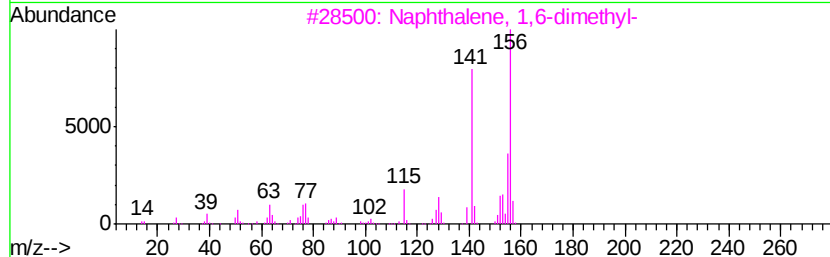
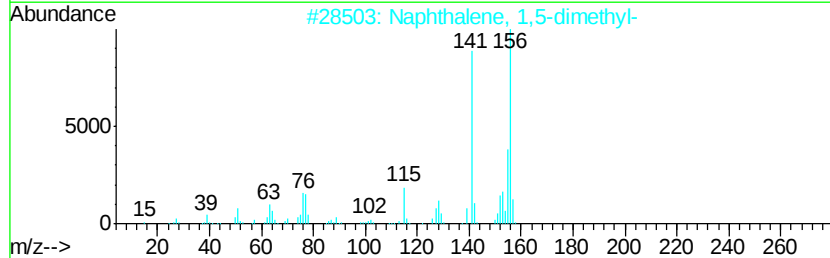
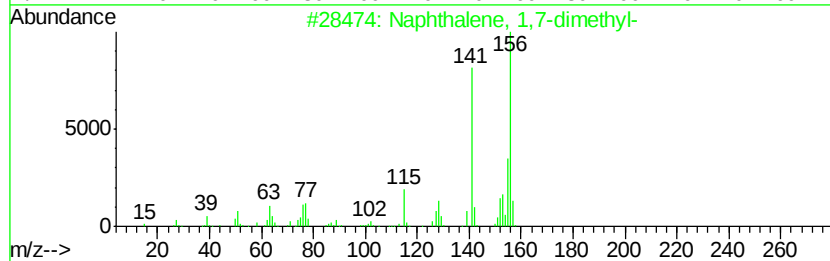
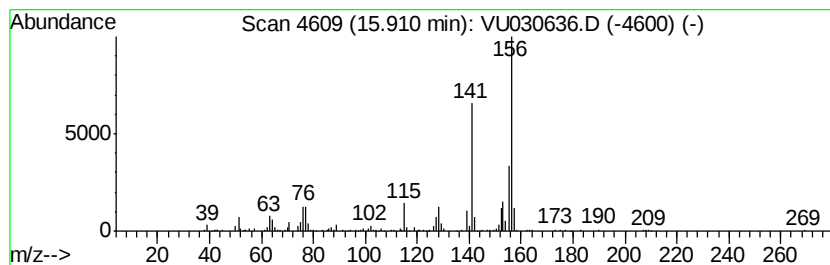
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	7.75 ug/L	259827	1,4-Dichlorobenzene-d4	11.48

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



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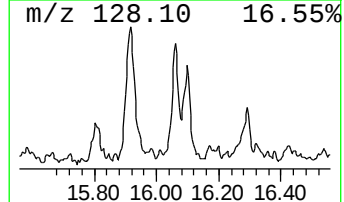
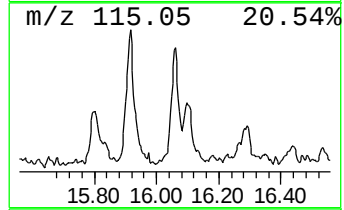
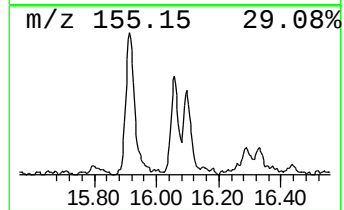
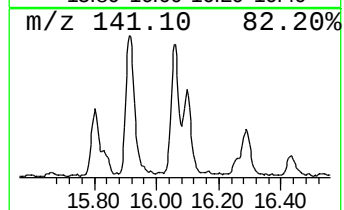
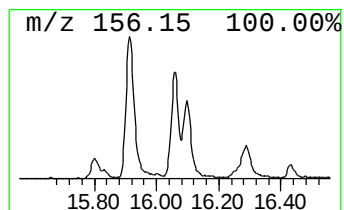
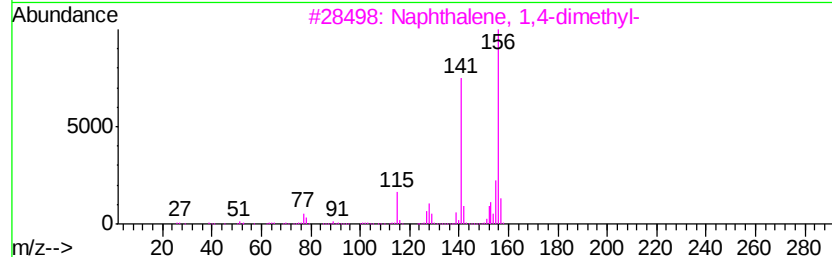
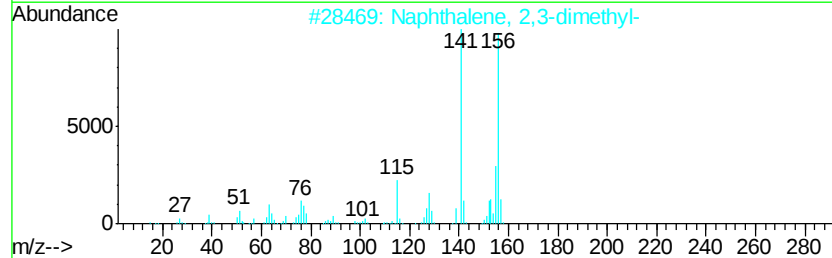
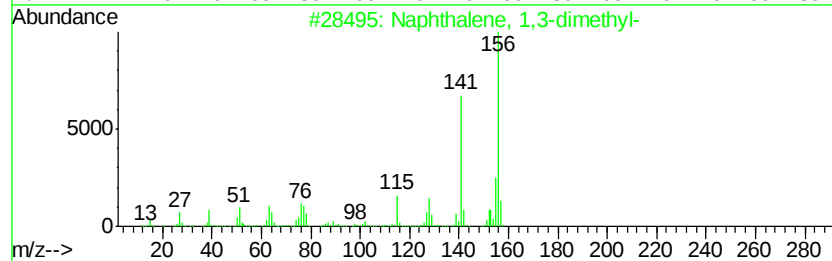
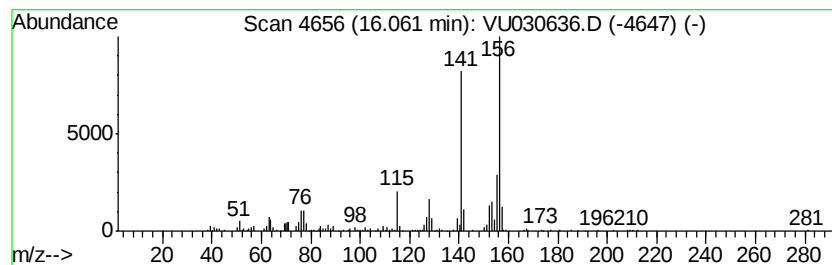
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ClientSampleId :
BF0B7ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.88 ug/L	163575	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040419\
Data File : VU030636.D
Acq On : 03 Apr 2019 18:42
Operator : JC/SP
Sample : K2101-12ME
Misc : 4.84uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B7ME

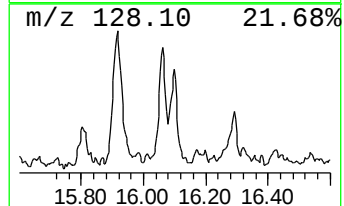
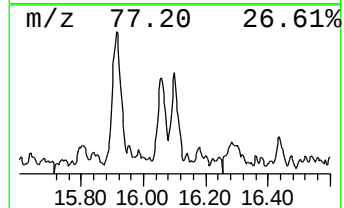
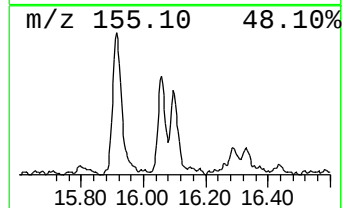
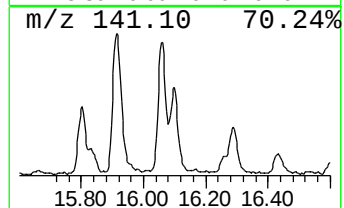
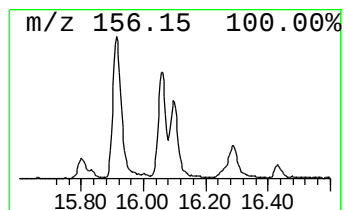
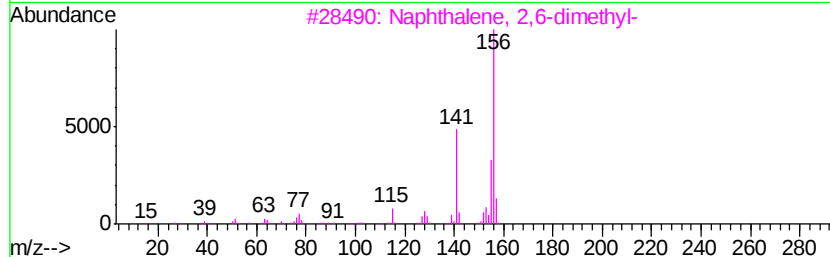
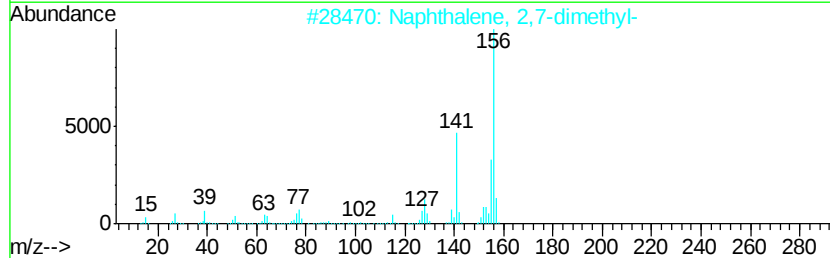
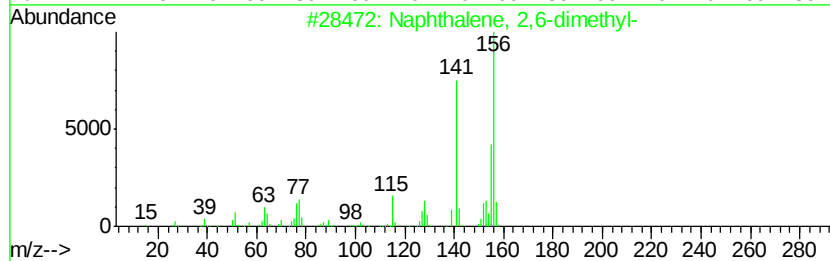
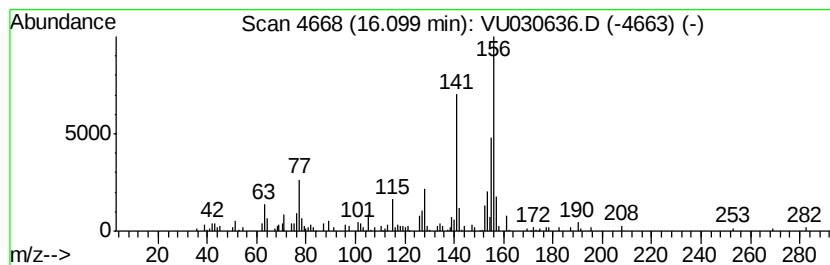
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	3.22 ug/L	107939	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	81
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030636.D
Acq On : 03 Apr 2019 18:42
Operator : JC/SP
Sample : K2101-12ME
Misc : 4.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	13.88	3.1	ug/L	103720	3	11.48	1676120	50.0
Naphthalene, 1,7-...	15.91	7.8	ug/L	259827	3	11.48	1676120	50.0
Naphthalene, 1,3-...	16.06	4.9	ug/L	163575	3	11.48	1676120	50.0
Naphthalene, 2,6-...	16.10	3.2	ug/L	107939	3	11.48	1676120	50.0