

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034695.D
 Acq On : 20 Sep 2019 17:42
 Operator : JC/SP
 Sample : K4948-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDP1

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\SOMULM091919WMA.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	1.177	21	27	37	rBV	137914	129800	5.69%	0.679%
2	1.392	86	94	107	rBV	358314	406350	17.80%	2.126%
3	1.672	174	181	194	rVB	269427	332896	14.58%	1.742%
4	2.260	354	364	372	rBV	472135	713890	31.27%	3.735%
5	2.305	373	378	393	rVB	108676	175307	7.68%	0.917%
6	2.431	408	417	435	rVB	34304	61436	2.69%	0.321%
7	2.675	490	493	494	rBV3	1569	991	0.04%	0.005%
8	2.778	522	525	527	rBV3	1590	1066	0.05%	0.006%
9	2.977	572	587	600	rVV5	9104	24223	1.06%	0.127%
10	3.067	612	615	619	rVB2	1701	1195	0.05%	0.006%
11	3.096	619	624	628	rBV6	1171	1164	0.05%	0.006%
12	3.119	628	631	634	rBV4	1657	1524	0.07%	0.008%
13	3.164	642	645	647	rVV5	2420	1730	0.08%	0.009%
14	3.190	647	653	658	rVB7	3281	4536	0.20%	0.024%
15	3.251	668	672	673	rBV3	1131	851	0.04%	0.004%
16	3.264	673	676	680	rVV5	2801	2915	0.13%	0.015%
17	3.289	680	684	688	rVV6	3028	3295	0.14%	0.017%
18	3.331	694	697	702	rVB5	1724	1166	0.05%	0.006%
19	3.415	718	723	727	rBV7	1183	1222	0.05%	0.006%
20	3.440	727	731	733	rBV3	1862	1254	0.05%	0.007%
21	3.521	753	756	762	rVB7	1730	1519	0.07%	0.008%
22	3.598	775	780	783	rBV5	1349	1321	0.06%	0.007%
23	3.633	787	791	796	rVB7	1630	1768	0.08%	0.009%
24	3.669	798	802	805	rBV4	2264	1253	0.05%	0.007%
25	3.723	814	819	821	rBV5	2255	1850	0.08%	0.010%
26	3.785	835	838	843	rBV7	1504	1533	0.07%	0.008%
27	3.923	877	881	883	rBV3	1637	1060	0.05%	0.006%
28	3.997	899	904	906	rBV4	1218	905	0.04%	0.005%
29	4.039	914	917	920	rBV3	1270	989	0.04%	0.005%
30	4.058	920	923	925	rBV3	1525	1016	0.04%	0.005%
31	4.151	940	952	989	rBV	223513	628928	27.55%	3.290%
32	4.473	1049	1052	1054	rBV3	1893	1249	0.05%	0.007%
33	4.624	1084	1099	1118	rBV	370853	868256	38.03%	4.543%
34	4.829	1161	1163	1166	rBV4	1271	949	0.04%	0.005%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Title : VOC Analysis

35	4.923	1190	1192	1196	rVB4	1660	1105	0.05%	0.006%
36	5.193	1273	1276	1278	rBV4	1573	1162	0.05%	0.006%
37	5.315	1291	1314	1343	rVV2	756227	2282797	100.00%	11.943%
38	5.714	1436	1438	1442	rBV4	1583	1226	0.05%	0.006%
39	5.865	1471	1485	1502	rBV	633683	1259998	55.20%	6.592%
40	6.309	1609	1623	1643	rBV	530442	1074169	47.05%	5.620%
41	6.563	1700	1702	1706	rBV4	1530	847	0.04%	0.004%
42	6.781	1767	1770	1772	rBV5	1295	868	0.04%	0.005%
43	6.936	1815	1818	1821	rBV3	1982	1699	0.07%	0.009%
44	7.161	1885	1888	1891	rBV5	1357	979	0.04%	0.005%
45	7.206	1891	1902	1923	rBV2	310450	580638	25.44%	3.038%
46	7.495	1988	1992	1993	rBV4	2718	1645	0.07%	0.009%
47	7.543	1993	2007	2024	rVV	1015684	1775437	77.77%	9.289%
48	7.829	2085	2096	2117	rBV	205642	379654	16.63%	1.986%
49	8.141	2188	2193	2196	rBV7	3084	3324	0.15%	0.017%
50	8.206	2201	2213	2226	rVV3	185049	317331	13.90%	1.660%
51	8.289	2229	2239	2272	rBV	701072	1324150	58.01%	6.928%
52	8.566	2322	2325	2326	rBV3	2280	1158	0.05%	0.006%
53	8.582	2326	2330	2334	rVV6	4539	4352	0.19%	0.023%
54	8.800	2394	2398	2401	rBV4	2166	1680	0.07%	0.009%
55	8.993	2455	2458	2460	rBV4	1442	1063	0.05%	0.006%
56	9.067	2469	2481	2507	rBV	949457	1594146	69.83%	8.340%
57	9.231	2525	2532	2542	rVB5	9226	16671	0.73%	0.087%
58	9.276	2542	2546	2549	rBV5	1278	1167	0.05%	0.006%
59	9.318	2555	2559	2561	rBV4	2537	2158	0.09%	0.011%
60	9.363	2564	2573	2586	rVB4	15593	31037	1.36%	0.162%
61	9.598	2643	2646	2651	rBV5	1998	1553	0.07%	0.008%
62	9.675	2663	2670	2671	rBV5	2492	2455	0.11%	0.013%
63	9.694	2671	2676	2684	rVB5	4183	6180	0.27%	0.032%
64	9.765	2694	2698	2701	rBV6	2797	2555	0.11%	0.013%
65	10.025	2769	2779	2790	rBV6	7506	15113	0.66%	0.079%
66	10.148	2811	2817	2826	rVB3	10075	14182	0.62%	0.074%
67	10.196	2830	2832	2837	rVB5	2607	1734	0.08%	0.009%
68	10.408	2886	2898	2926	rVB	680779	1118657	49.00%	5.853%
69	10.543	2936	2940	2941	rBV2	1513	972	0.04%	0.005%
70	10.572	2941	2949	2961	rVB3	11164	22980	1.01%	0.120%
71	10.662	2968	2977	2993	rBV3	21717	55708	2.44%	0.291%

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72	10.749	2999	3004	3005	rBV2	8983	7341	0.32%	0.038%
73	10.832	3026	3030	3034	rVB7	2558	2404	0.11%	0.013%
74	10.887	3043	3047	3049	rBV4	1678	1321	0.06%	0.007%
75	10.951	3058	3067	3078	rVB4	19142	33224	1.46%	0.174%
76	11.093	3107	3111	3113	rBV4	1937	1435	0.06%	0.008%
77	11.128	3114	3122	3132	rVB2	19848	31724	1.39%	0.166%
78	11.302	3170	3176	3189	rVB2	16566	27339	1.20%	0.143%
79	11.405	3201	3208	3213	rBV3	10270	14587	0.64%	0.076%
80	11.459	3214	3225	3246	rBV	885801	1441756	63.16%	7.543%
81	11.755	3307	3317	3321	rBV6	12118	22677	0.99%	0.119%
82	11.836	3332	3342	3368	rVB	946149	1560144	68.34%	8.162%
83	12.334	3491	3497	3502	rBV6	10976	15712	0.69%	0.082%
84	12.469	3534	3539	3550	rVB7	11893	20219	0.89%	0.106%
85	12.598	3572	3579	3581	rBV6	6510	7555	0.33%	0.040%
86	12.684	3597	3606	3622	rVB5	18795	36404	1.59%	0.190%
87	12.771	3626	3633	3638	rBV9	11111	18432	0.81%	0.096%
88	13.012	3704	3708	3716	rVB8	7418	9227	0.40%	0.048%
89	13.070	3717	3726	3727	rBV4	11603	17160	0.75%	0.090%
90	13.102	3731	3736	3752	rVB4	40096	71480	3.13%	0.374%
91	13.389	3818	3825	3831	rBV10	7970	12700	0.56%	0.066%
92	13.437	3833	3840	3848	rBV4	14509	22757	1.00%	0.119%
93	13.488	3852	3856	3865	rVB8	16259	23830	1.04%	0.125%
94	13.836	3956	3964	3972	rBV3	31915	55566	2.43%	0.291%
95	13.929	3985	3993	4003	rBV6	33180	62038	2.72%	0.325%
96	14.131	4048	4056	4069	rBV3	22538	39126	1.71%	0.205%
97	14.331	4107	4118	4136	rVB6	60985	132158	5.79%	0.691%
98	14.588	4192	4198	4206	rVB9	11048	17311	0.76%	0.091%
99	14.659	4212	4220	4235	rBV5	38303	72455	3.17%	0.379%
100	14.842	4270	4277	4281	rBV4	35371	53645	2.35%	0.281%

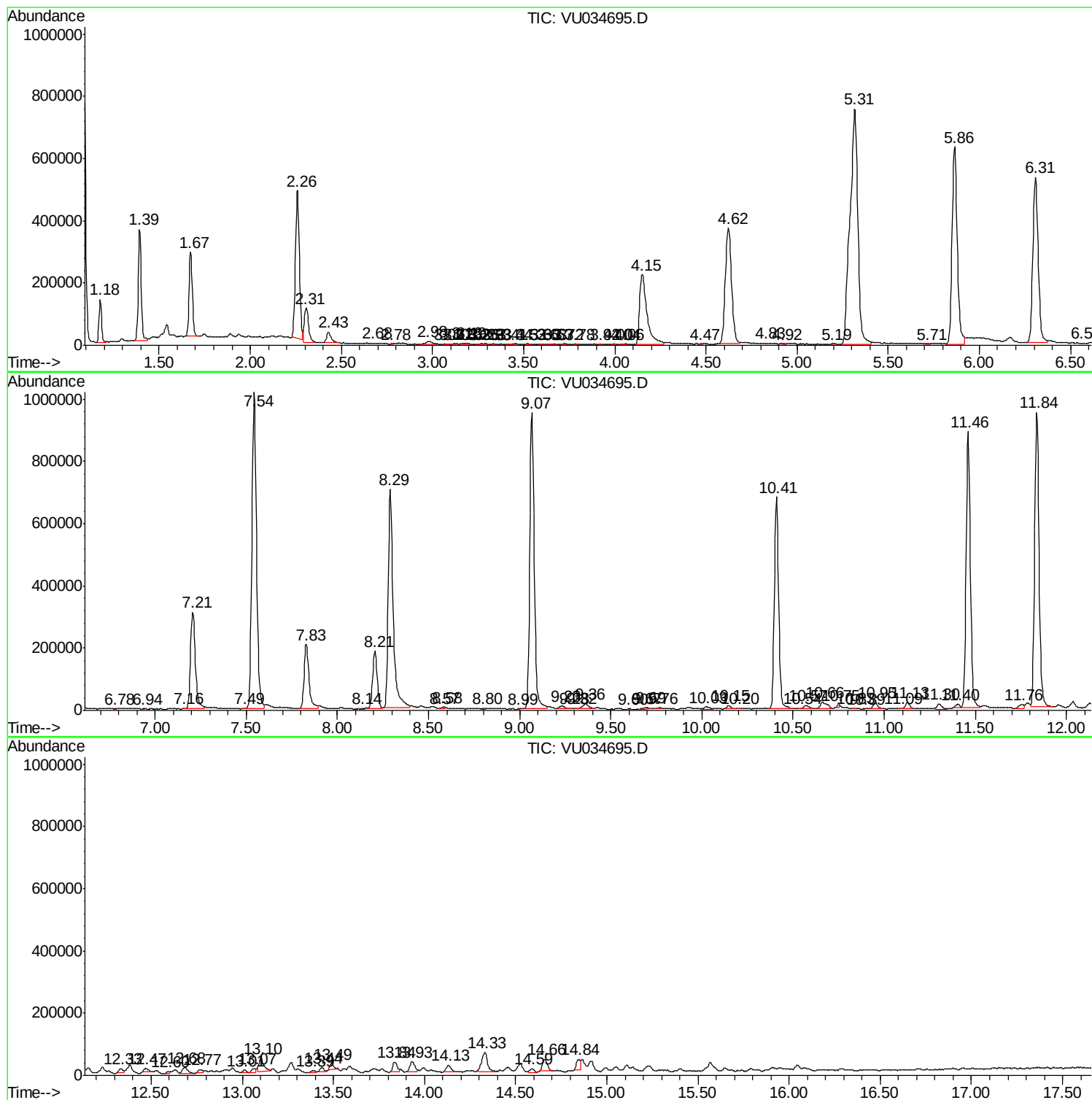
Sum of corrected areas: 19113684

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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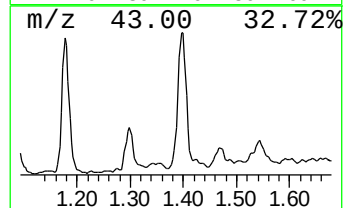
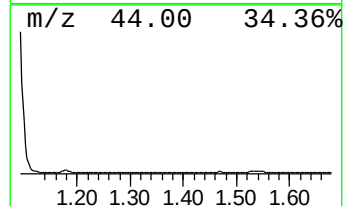
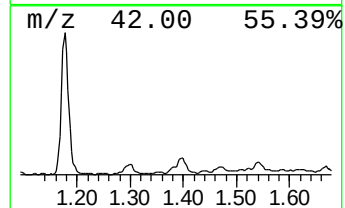
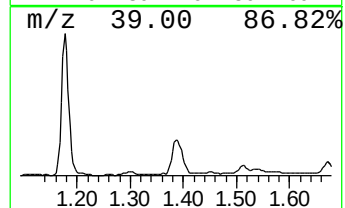
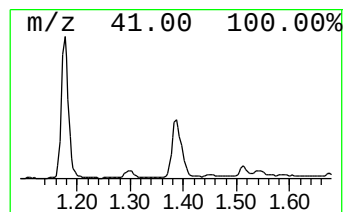
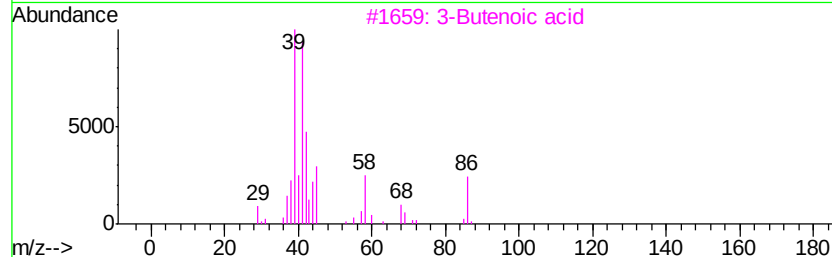
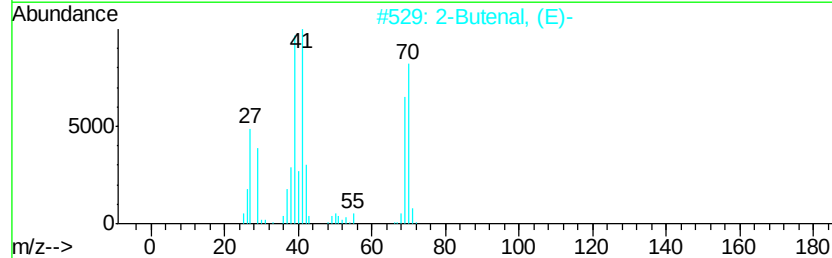
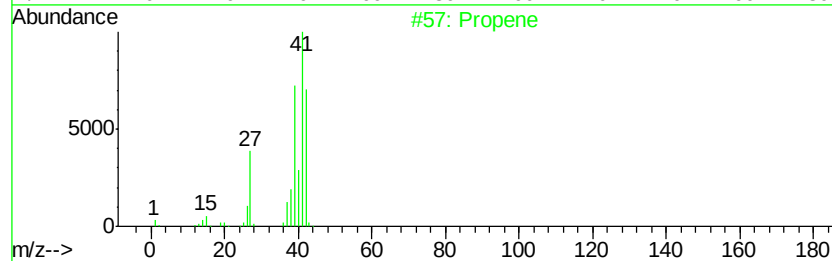
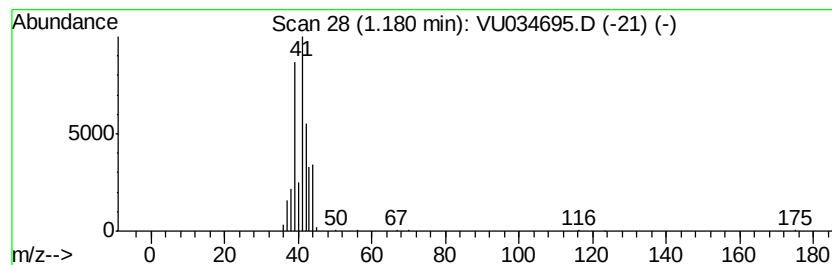
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	5.15 ug/L	129800	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3		3-Butenoic acid	86	C4H6O2	000625-38-7	78
4		Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	74
5		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64



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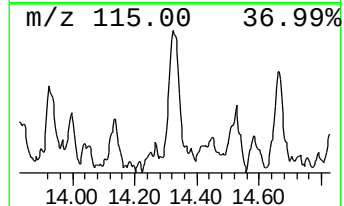
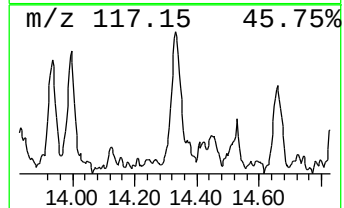
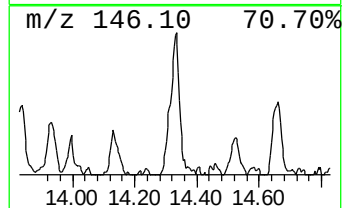
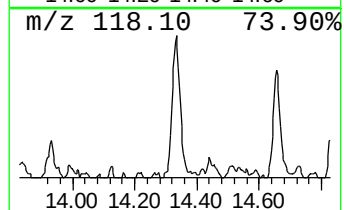
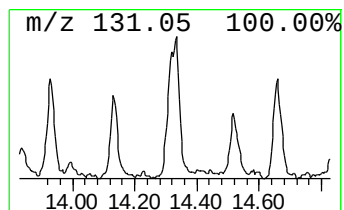
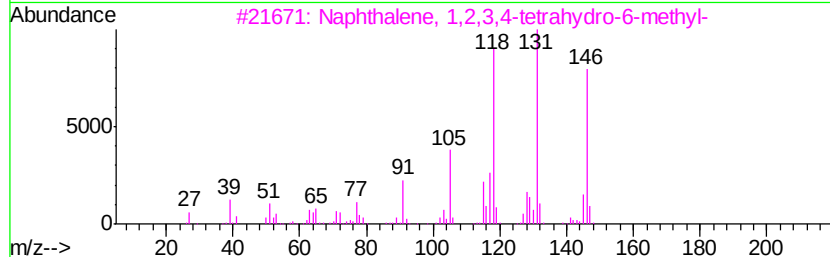
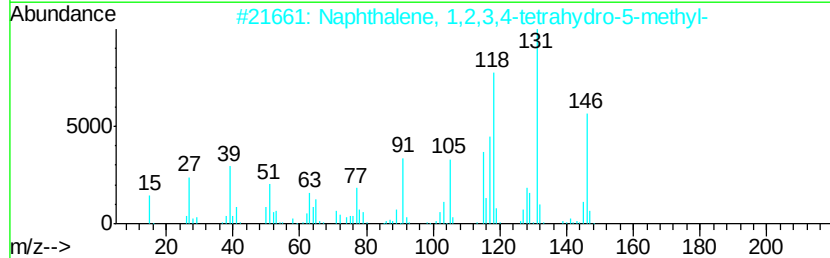
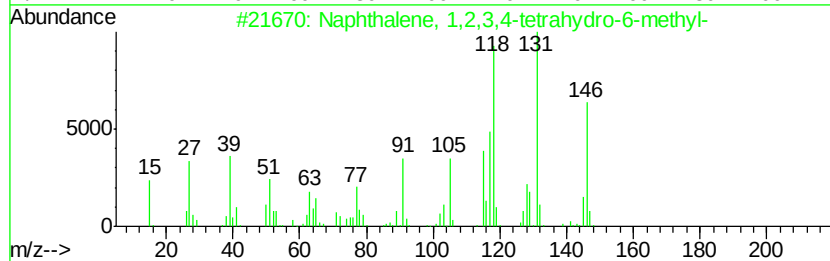
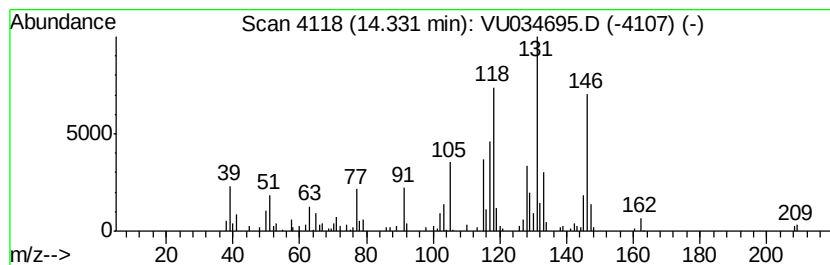
Instrument :
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ClientSampled :
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Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.58 ug/L	132158	1,4-Dichlorobenzene-d4	11.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	93



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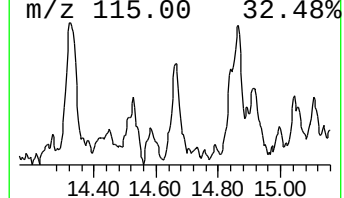
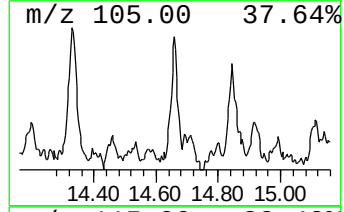
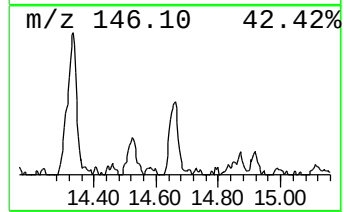
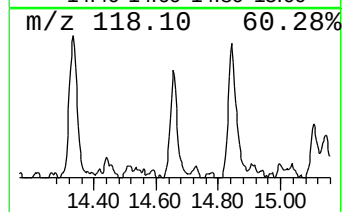
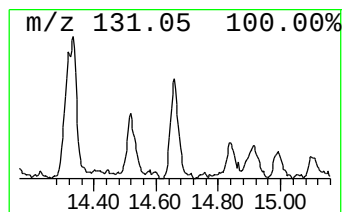
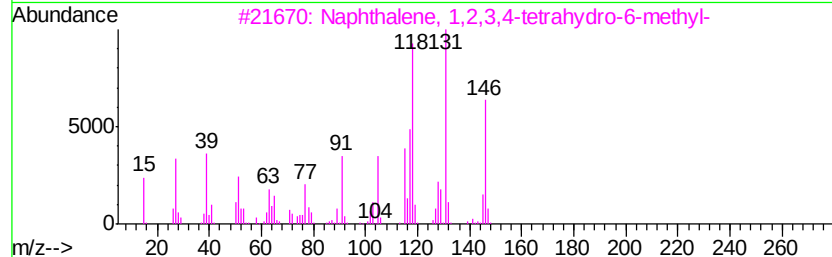
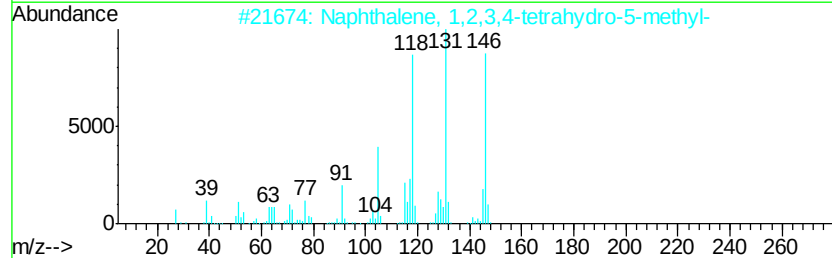
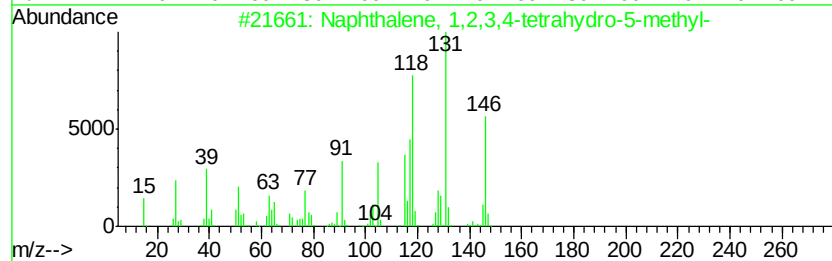
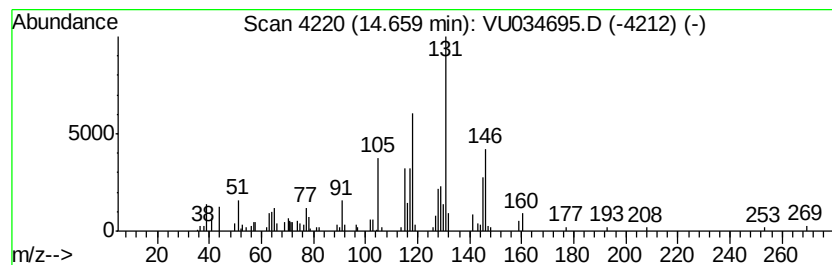
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Quant Title : VOC Analysis

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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.51 ug/L	72455	1,4-Dichlorobenzene-d4	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	74
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
4		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	58
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
Data File : VU034695.D
Acq On : 20 Sep 2019 17:42
Operator : JC/SP
Sample : K4948-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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: Cyc...	1.18	5.2	ug/L	129800	1	5.86	1260000	50.0
Naphthalene, 1,2,...	14.33	4.6	ug/L	132158	3	11.46	1441760	50.0
Naphthalene, 1,2,...	14.66	2.5	ug/L	72455	3	11.46	1441760	50.0