

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
 Data File : VV010639.D
 Acq On : 02 May 2019 22:07
 Operator : SY/MD
 Sample : K2603-11
 Misc : 5.09G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ63

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_V\METHOD\SOM2VLM050219S.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	1.213	34	38	41	rBV3	2982	2658	0.67%	0.250%
2	1.319	64	71	76	rBV2	6924	7287	1.83%	0.686%
3	1.463	114	116	120	rBV	326	328	0.08%	0.031%
4	1.557	141	145	148	rBV2	739	662	0.17%	0.062%
5	1.582	148	153	166	rVB	7234	8011	2.01%	0.754%
6	1.849	233	236	240	rVB2	548	402	0.10%	0.038%
7	2.097	309	313	314	rBV2	262	195	0.05%	0.018%
8	2.129	314	323	332	rVB	13475	18399	4.62%	1.732%
9	2.187	336	341	351	rVB3	1240	1802	0.45%	0.170%
10	2.267	355	366	369	rBV	280	532	0.13%	0.050%
11	2.312	377	380	389	rVB3	671	746	0.19%	0.070%
12	2.434	410	418	425	rBV4	1835	3247	0.81%	0.306%
13	2.512	439	442	445	rBV3	300	196	0.05%	0.018%
14	2.537	445	450	456	rVB3	723	991	0.25%	0.093%
15	2.724	505	508	514	rBV2	192	236	0.06%	0.022%
16	2.791	525	529	532	rBV	247	228	0.06%	0.021%
17	3.033	600	604	608	rBV	270	290	0.07%	0.027%
18	3.139	632	637	639	rBV2	328	371	0.09%	0.035%
19	3.235	662	667	670	rBV2	274	325	0.08%	0.031%
20	3.357	698	705	707	rBV	228	269	0.07%	0.025%
21	3.450	729	734	736	rBV2	241	204	0.05%	0.019%
22	3.576	769	773	777	rBV	286	244	0.06%	0.023%
23	3.621	781	787	790	rBV2	234	310	0.08%	0.029%
24	3.733	818	822	827	rBV	212	268	0.07%	0.025%
25	3.840	852	855	859	rBV2	299	245	0.06%	0.023%
26	3.952	879	890	902	rBV2	2439	6100	1.53%	0.574%
27	4.049	917	920	924	rVB2	624	498	0.12%	0.047%
28	4.074	924	928	930	rBV2	310	228	0.06%	0.021%
29	4.087	930	932	935	rVB	421	208	0.05%	0.020%
30	4.184	956	962	964	rVV2	231	233	0.06%	0.022%
31	4.203	965	968	974	rVV2	321	244	0.06%	0.023%
32	4.306	996	1000	1002	rBV2	225	188	0.05%	0.018%
33	4.405	1015	1031	1052	rBV3	18604	44155	11.08%	4.157%
34	4.502	1057	1061	1066	rVB4	247	254	0.06%	0.024%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	4.631	1094	1101	1103	rBV	269	238	0.06%	0.022%
36	4.708	1119	1125	1130	rBV2	436	586	0.15%	0.055%
37	4.840	1161	1166	1170	rVB2	309	329	0.08%	0.031%
38	4.868	1170	1175	1177	rBV2	327	285	0.07%	0.027%
39	4.923	1188	1192	1198	rVB2	309	328	0.08%	0.031%
40	4.952	1198	1201	1204	rBV2	238	232	0.06%	0.022%
41	5.097	1228	1246	1268	rVV5	33017	86326	21.67%	8.126%
42	5.196	1274	1277	1280	rVB2	524	353	0.09%	0.033%
43	5.315	1312	1314	1324	rVV3	372	442	0.11%	0.042%
44	5.396	1333	1339	1345	rVB2	464	551	0.14%	0.052%
45	5.428	1345	1349	1354	rBV2	215	216	0.05%	0.020%
46	5.666	1410	1423	1443	rBV2	35315	72298	18.15%	6.806%
47	5.801	1461	1465	1472	rBV3	401	527	0.13%	0.050%
48	5.907	1492	1498	1501	rBV2	356	469	0.12%	0.044%
49	6.000	1524	1527	1531	rBV2	349	343	0.09%	0.032%
50	6.042	1531	1540	1543	rVB2	246	383	0.10%	0.036%
51	6.071	1543	1549	1552	rBV	298	335	0.08%	0.032%
52	6.119	1552	1564	1580	rBV2	23566	46951	11.78%	4.420%
53	6.438	1659	1663	1666	rBV2	248	240	0.06%	0.023%
54	6.605	1709	1715	1720	rBV	287	319	0.08%	0.030%
55	6.794	1771	1774	1780	rVB2	193	196	0.05%	0.018%
56	6.891	1799	1804	1809	rVB2	262	249	0.06%	0.023%
57	7.029	1839	1847	1861	rBV3	8574	15161	3.81%	1.427%
58	7.161	1882	1888	1890	rBV2	306	425	0.11%	0.040%
59	7.309	1930	1934	1938	rBV2	228	200	0.05%	0.019%
60	7.360	1939	1950	1969	rBV	28628	51692	12.97%	4.866%
61	7.434	1969	1973	1978	rVB5	527	659	0.17%	0.062%
62	7.614	2025	2029	2032	rBV2	252	216	0.05%	0.020%
63	7.666	2038	2045	2056	rVV2	4837	7926	1.99%	0.746%
64	7.765	2073	2076	2079	rBV	366	252	0.06%	0.024%
65	7.949	2130	2133	2137	rVB2	317	240	0.06%	0.023%
66	7.974	2137	2141	2142	rBV2	432	331	0.08%	0.031%
67	8.019	2152	2155	2160	rBV	254	305	0.08%	0.029%
68	8.145	2190	2194	2197	rBV2	661	514	0.13%	0.048%
69	8.492	2295	2302	2305	rBV	212	296	0.07%	0.028%
70	8.730	2372	2376	2381	rVB2	285	244	0.06%	0.023%
71	8.801	2391	2398	2402	rVB2	268	348	0.09%	0.033%

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72	8.897	2417	2428	2445	rBV	53969	90747	22.78%	8.542%
73	9.007	2459	2462	2469	rVB2	453	378	0.09%	0.036%
74	9.058	2472	2478	2483	rBV3	503	561	0.14%	0.053%
75	9.318	2553	2559	2561	rBV2	209	218	0.05%	0.021%
76	9.386	2575	2580	2585	rBV2	194	242	0.06%	0.023%
77	9.470	2601	2606	2609	rBV	270	232	0.06%	0.022%
78	9.508	2614	2618	2622	rVV2	231	224	0.06%	0.021%
79	9.556	2628	2633	2635	rBV	224	188	0.05%	0.018%
80	9.614	2642	2651	2657	rVB4	1422	2205	0.55%	0.208%
81	9.881	2729	2734	2738	rBV2	328	422	0.11%	0.040%
82	9.926	2742	2748	2753	rBV2	244	324	0.08%	0.030%
83	10.023	2775	2778	2782	rBV2	205	207	0.05%	0.019%
84	10.261	2843	2852	2868	rVB2	24847	38976	9.78%	3.669%
85	10.418	2895	2901	2911	rVB4	1337	1741	0.44%	0.164%
86	10.521	2930	2933	2936	rBV	267	198	0.05%	0.019%
87	10.540	2936	2939	2943	rVB2	275	207	0.05%	0.019%
88	11.032	3085	3092	3100	rBV3	2324	3031	0.76%	0.285%
89	11.119	3115	3119	3122	rBV3	632	567	0.14%	0.053%
90	11.190	3133	3141	3146	rVB5	952	1245	0.31%	0.117%
91	11.235	3151	3155	3158	rBV5	809	660	0.17%	0.062%
92	11.296	3164	3174	3192	rBV2	34562	59717	14.99%	5.621%
93	11.370	3192	3197	3202	rVV3	794	903	0.23%	0.085%
94	11.460	3218	3225	3233	rVB5	2633	3815	0.96%	0.359%
95	11.547	3248	3252	3254	rBV3	456	354	0.09%	0.033%
96	11.595	3259	3267	3270	rBV8	1741	2459	0.62%	0.231%
97	11.675	3281	3292	3308	rBV2	31252	57486	14.43%	5.411%
98	11.746	3308	3314	3318	rBV8	2835	3691	0.93%	0.347%
99	14.701	4228	4233	4242	rVB	309132	398428	100.00%	37.506%
100	17.022	4952	4955	4959	rBV5	1251	1317	0.33%	0.124%

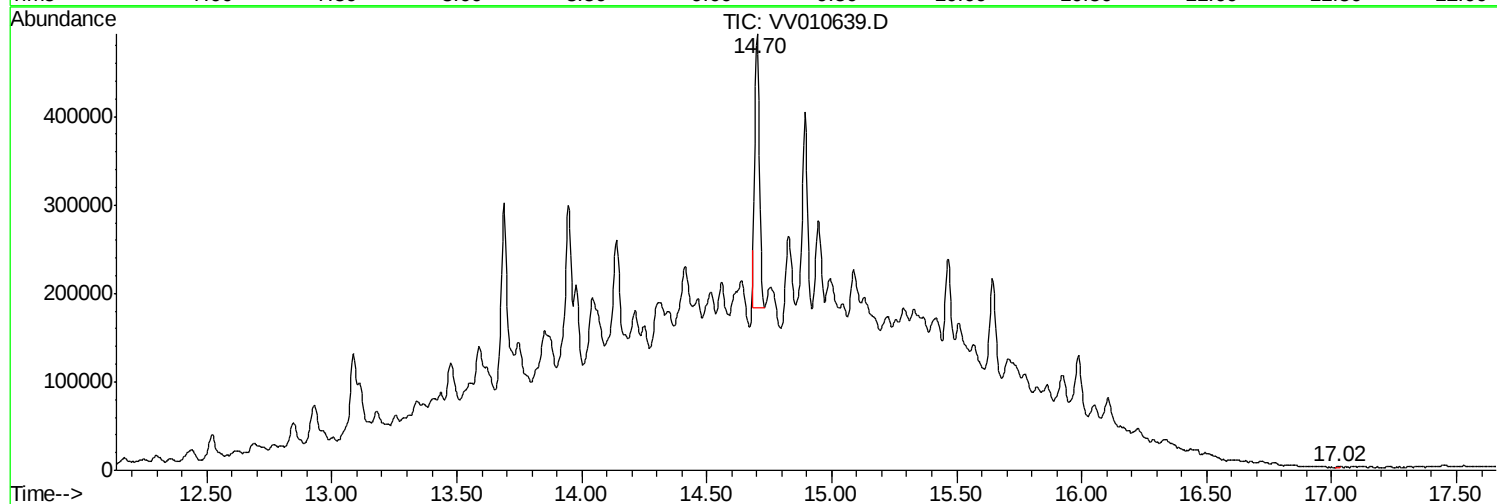
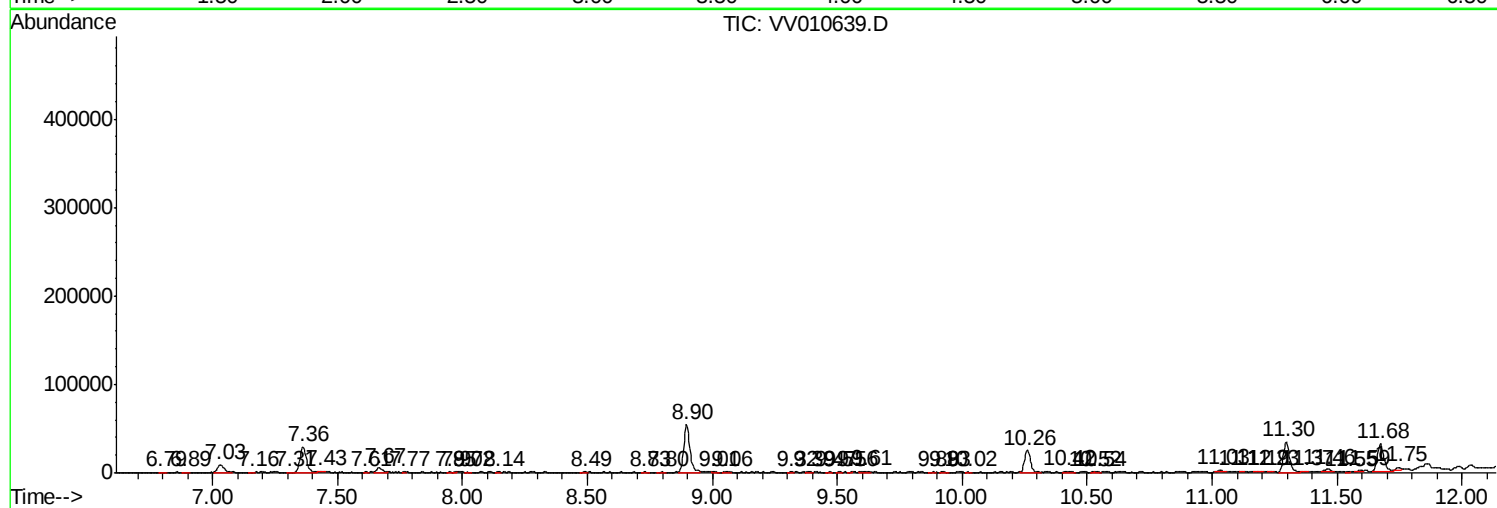
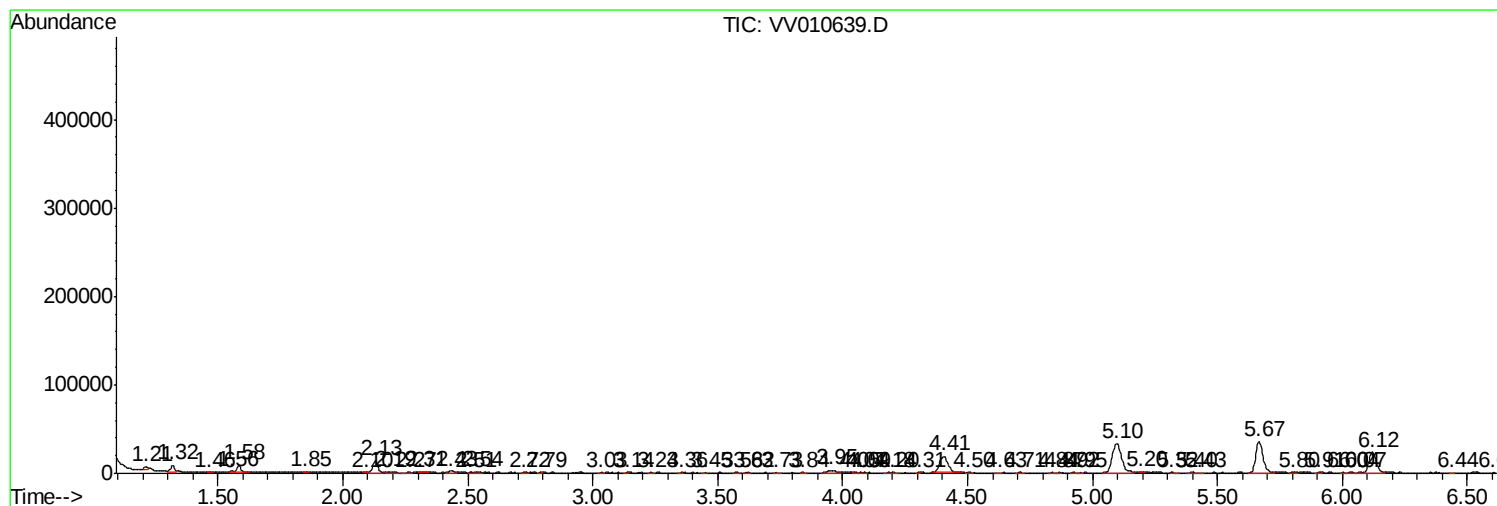
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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



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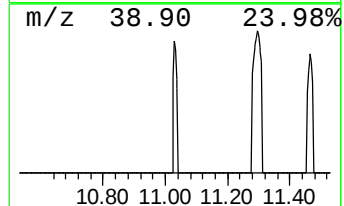
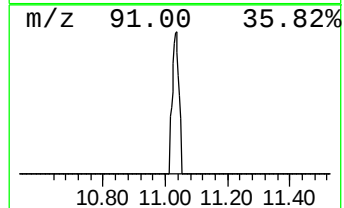
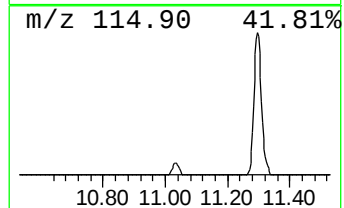
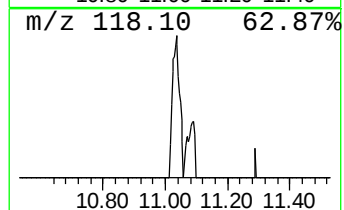
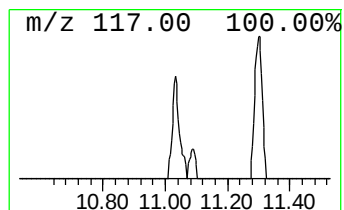
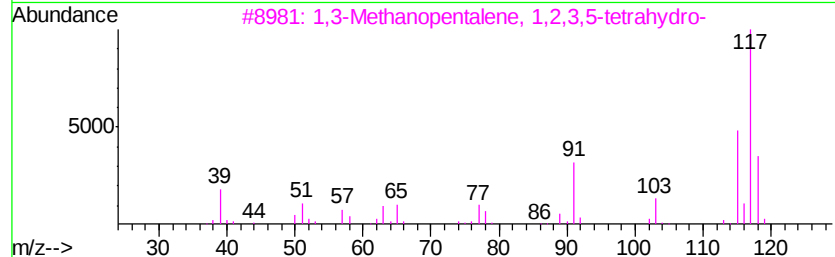
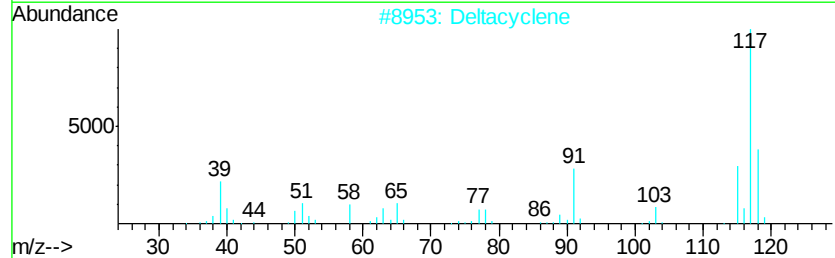
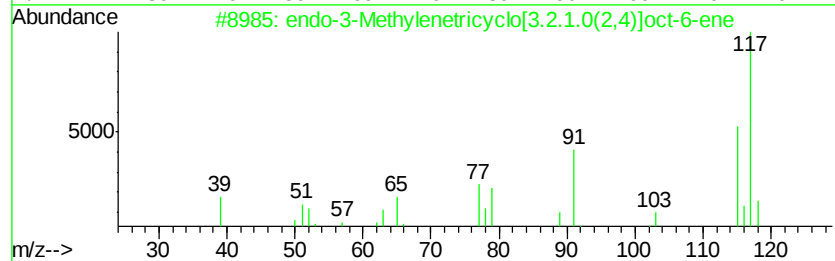
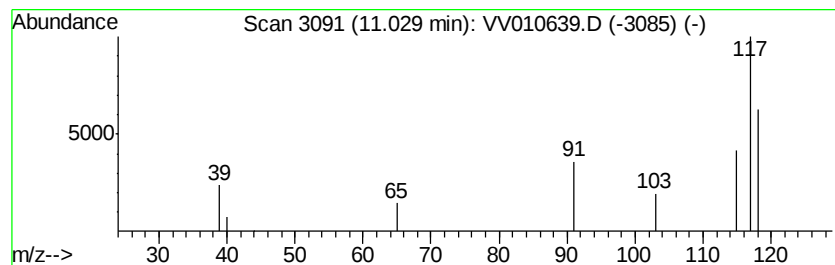
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	1.27 ug/L	3031	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	endo-3-Methylenetricyclo[3.2.1.0...	118	C9H10	1000139-15-5	28
2		Deltacyclene	118	C9H10	007785-10-6	9
3		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	9
4		Benzene, (isocyanomethyl)-	117	C8H7N	010340-91-7	7
5		1H-Pyrrole-2,5-dicarbonitrile	117	C6H3N3	059215-66-6	7



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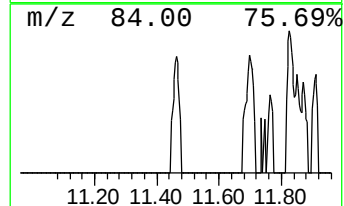
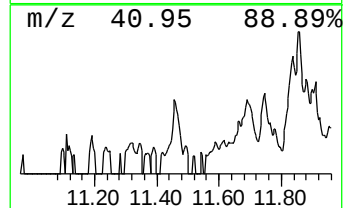
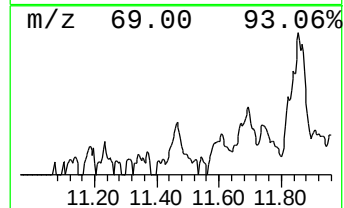
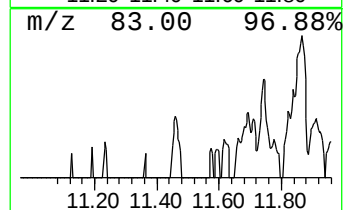
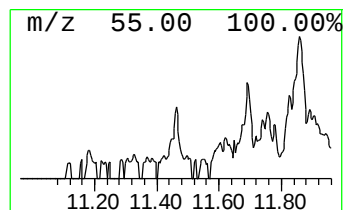
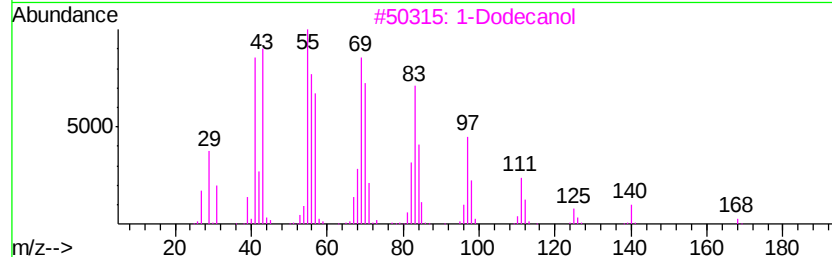
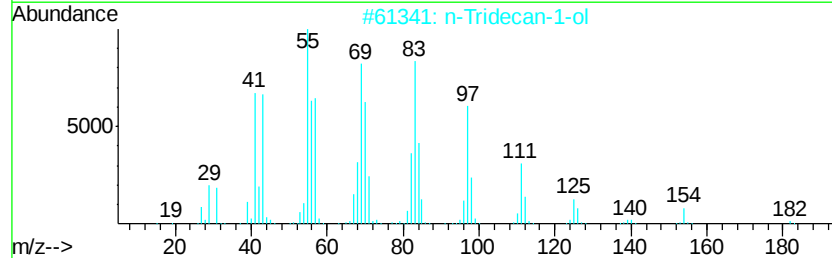
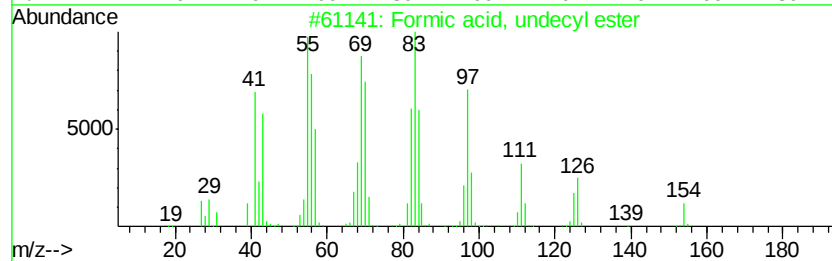
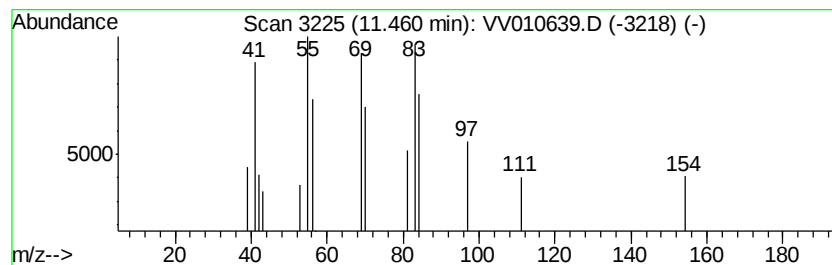
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Formic acid, undecyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.46	1.60 ug/L	3815	1,4-Dichlorobenzene-d4	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Formic acid, undecyl ester	200	C12H24O2	1000368-25-0	59
2		n-Tridecan-1-ol	200	C13H28O	000112-70-9	59
3		1-Dodecanol	186	C12H26O	000112-53-8	59
4		Cyclooctane, methyl-	126	C9H18	001502-38-1	50
5		3-Undecene, (E)-	154	C11H22	001002-68-2	50



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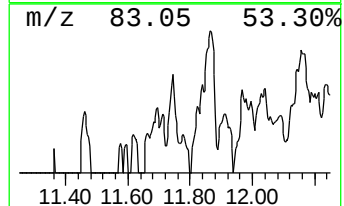
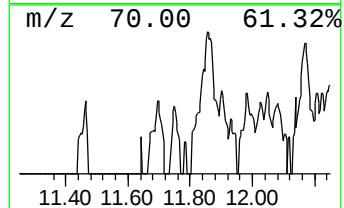
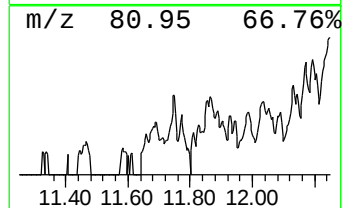
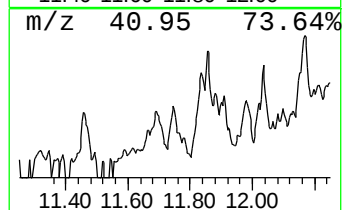
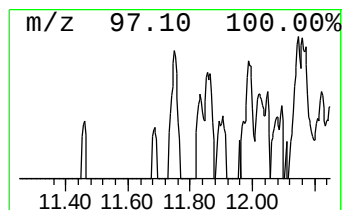
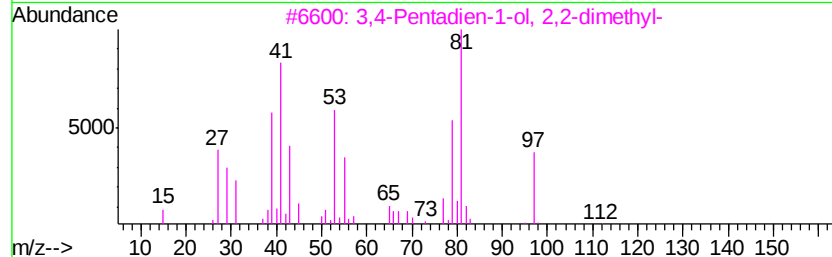
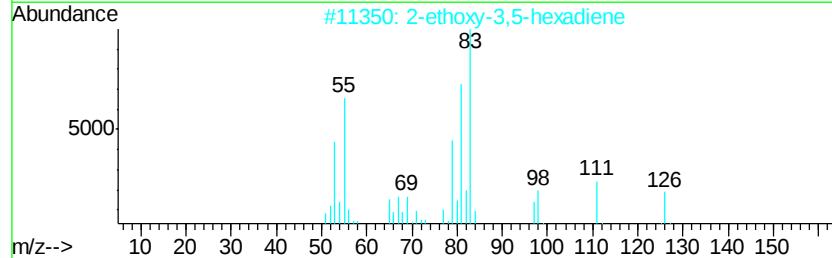
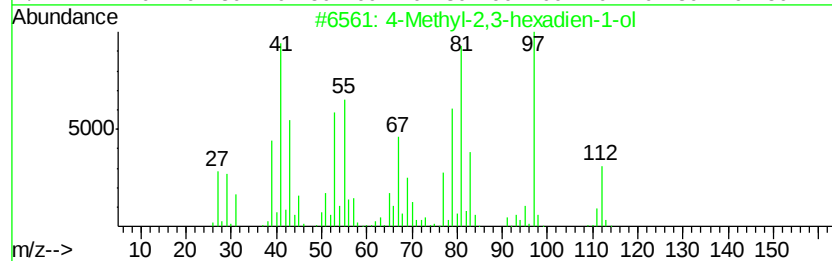
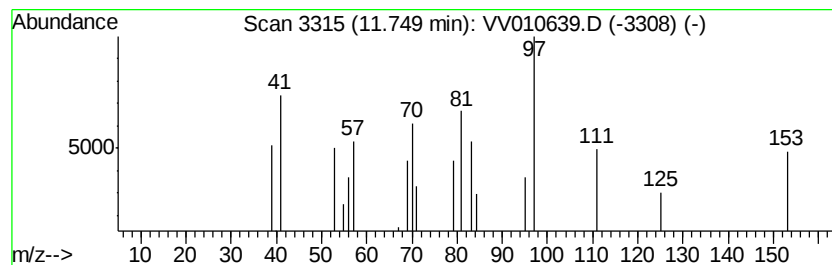
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	1.55 ug/L	3691	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	40
2			2-ethoxy-3,5-hexadiene	126	C8H14O	1000365-96-6	40
3			3,4-Pentadien-1-ol, 2,2-dimethyl-	112	C7H12O	004058-52-0	32
4			2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	25
5			2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010639.D
Acq On : 02 May 2019 22:07
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ63

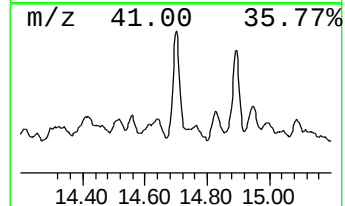
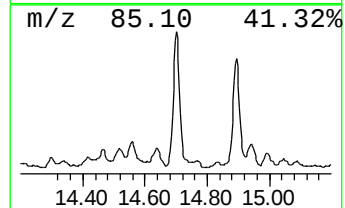
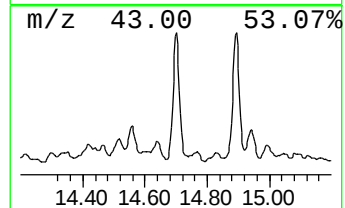
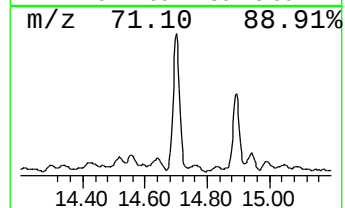
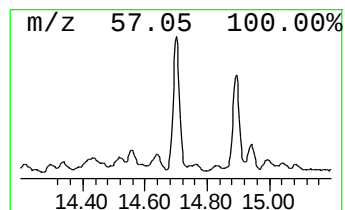
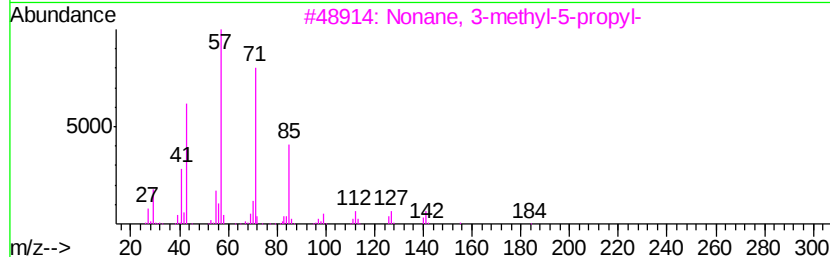
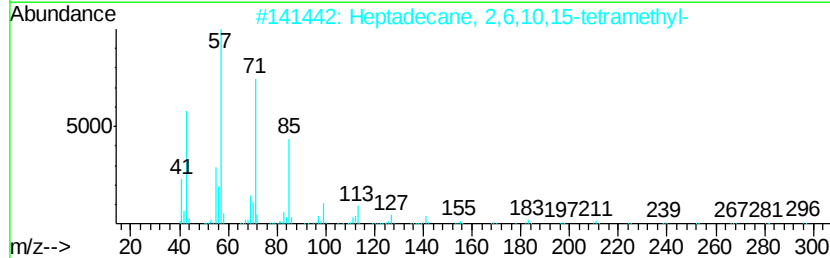
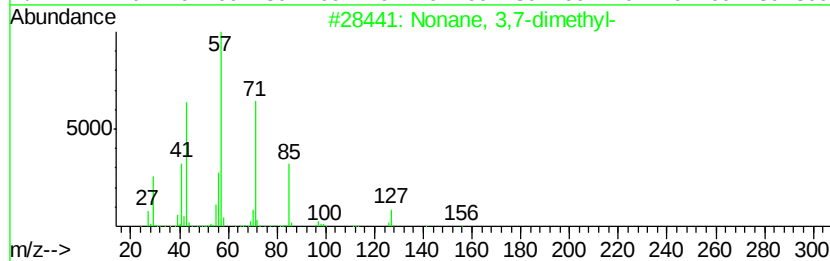
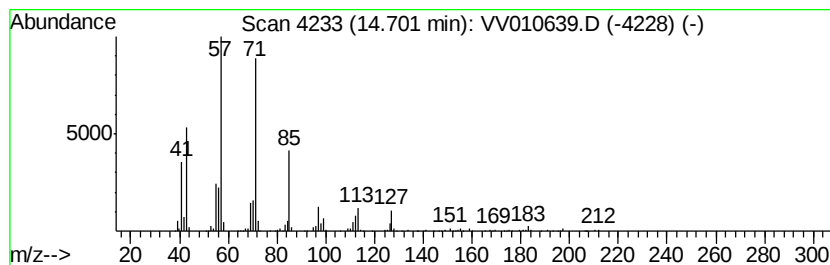
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	166.80 ug/L	398428	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010639.D
Acq On : 02 May 2019 22:07
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.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
unknown-01	11.03	1.3	ug/L	3031	3	11.30	59717	25.0
Formic acid, unde...	11.46	1.6	ug/L	3815	3	11.30	59717	25.0
unknown-02	11.75	1.6	ug/L	3691	3	11.30	59717	25.0
(DEL) Alkane: Str...	14.70	166.8	ug/L	398428	3	11.30	59717	25.0