

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\
 Data File : VV010006.D
 Acq On : 29 Mar 2019 17:20
 Operator : SY/MD
 Sample : K2084-04RE
 Misc : 3.65G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF7W6RE

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\SOM2VLM032619S.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	1.319	65	71	82	rVB	115810	118905	20.02%	2.909%
2	1.566	142	148	160	rVB	120747	143080	24.09%	3.501%
3	2.126	313	322	332	rBV	294403	415179	69.92%	10.158%
4	2.386	401	403	407	rBV2	425	349	0.06%	0.009%
5	2.534	439	449	470	rVB2	30563	52322	8.81%	1.280%
6	2.788	525	528	531	rBV3	829	676	0.11%	0.017%
7	2.823	536	539	546	rVB2	985	627	0.11%	0.015%
8	3.258	671	674	676	rBV3	565	273	0.05%	0.007%
9	3.592	774	778	780	rBV2	655	406	0.07%	0.010%
10	3.733	820	822	826	rBV3	640	349	0.06%	0.009%
11	3.814	844	847	850	rVB	450	280	0.05%	0.007%
12	3.872	863	865	869	rBV2	640	398	0.07%	0.010%
13	3.939	874	886	905	rBV2	13324	43675	7.35%	1.069%
14	4.177	957	960	962	rBV2	333	278	0.05%	0.007%
15	4.290	990	995	998	rVB3	588	501	0.08%	0.012%
16	4.312	999	1002	1004	rBV2	426	267	0.04%	0.007%
17	4.402	1013	1030	1053	rBV3	95416	256798	43.25%	6.283%
18	4.582	1084	1086	1089	rBV2	446	276	0.05%	0.007%
19	4.634	1100	1102	1107	rVB3	1024	803	0.14%	0.020%
20	4.852	1167	1170	1174	rBV4	642	534	0.09%	0.013%
21	4.946	1197	1199	1202	rVB2	705	299	0.05%	0.007%
22	4.968	1202	1206	1208	rBV2	500	380	0.06%	0.009%
23	5.029	1223	1225	1227	rBV2	504	267	0.04%	0.007%
24	5.093	1229	1245	1271	rVV3	234808	593819	100.00%	14.529%
25	5.447	1353	1355	1358	rBV3	677	366	0.06%	0.009%
26	5.499	1368	1371	1374	rBV2	525	394	0.07%	0.010%
27	5.618	1405	1408	1409	rBV	866	453	0.08%	0.011%
28	5.663	1409	1422	1444	rVV	170462	337158	56.78%	8.249%
29	5.817	1468	1470	1473	rBV3	459	305	0.05%	0.007%
30	6.029	1532	1536	1538	rBV2	636	411	0.07%	0.010%
31	6.116	1550	1563	1581	rBV2	141400	284211	47.86%	6.954%
32	6.267	1607	1610	1614	rVB4	886	639	0.11%	0.016%
33	6.286	1614	1616	1619	rBV	646	416	0.07%	0.010%
34	6.386	1645	1647	1651	rVB	657	458	0.08%	0.011%

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 Title : VOC Analysis

35	6.544	1693	1696	1699	rBV2	386	308	0.05%	0.008%
36	6.605	1713	1715	1719	rVV2	489	259	0.04%	0.006%
37	6.627	1719	1722	1726	rVB3	607	533	0.09%	0.013%
38	6.675	1735	1737	1739	rBV2	852	530	0.09%	0.013%
39	6.823	1768	1783	1790	rBV7	2719	5503	0.93%	0.135%
40	6.881	1799	1801	1803	rBV2	683	366	0.06%	0.009%
41	6.920	1807	1813	1814	rBV	336	369	0.06%	0.009%
42	7.029	1835	1847	1862	rBV3	38566	69604	11.72%	1.703%
43	7.177	1886	1893	1895	rBV3	849	814	0.14%	0.020%
44	7.238	1908	1912	1916	rBV3	804	764	0.13%	0.019%
45	7.360	1937	1950	1969	rBV	247476	434814	73.22%	10.638%
46	7.666	2033	2045	2057	rBV3	26150	46462	7.82%	1.137%
47	7.791	2076	2084	2087	rBV5	1014	1390	0.23%	0.034%
48	7.839	2097	2099	2102	rVB	824	364	0.06%	0.009%
49	7.862	2104	2106	2109	rBV2	527	321	0.05%	0.008%
50	7.965	2135	2138	2139	rBV	891	414	0.07%	0.010%
51	8.058	2164	2167	2170	rBV3	865	497	0.08%	0.012%
52	8.132	2180	2190	2213	rBV4	45120	103265	17.39%	2.527%
53	8.560	2320	2323	2326	rBV3	437	344	0.06%	0.008%
54	8.614	2337	2340	2342	rBV2	517	269	0.05%	0.007%
55	8.775	2387	2390	2397	rVB4	764	844	0.14%	0.021%
56	8.894	2413	2427	2446	rBV	233828	394549	66.44%	9.653%
57	9.109	2492	2494	2498	rVB2	781	472	0.08%	0.012%
58	9.174	2508	2514	2515	rBV2	3267	2364	0.40%	0.058%
59	9.293	2549	2551	2555	rVB2	538	332	0.06%	0.008%
60	9.325	2558	2561	2562	rBV	638	313	0.05%	0.008%
61	9.450	2595	2600	2603	rBV3	779	738	0.12%	0.018%
62	9.849	2721	2724	2730	rVB3	781	502	0.08%	0.012%
63	9.891	2735	2737	2742	rVB2	516	362	0.06%	0.009%
64	9.933	2748	2750	2754	rBV3	590	488	0.08%	0.012%
65	10.199	2832	2833	2838	rBV	317	273	0.05%	0.007%
66	10.260	2840	2852	2866	rBV	103067	164929	27.77%	4.035%
67	10.399	2893	2895	2897	rBV	493	263	0.04%	0.006%
68	10.637	2966	2969	2975	rVB3	710	711	0.12%	0.017%
69	10.672	2975	2980	2985	rBV2	488	487	0.08%	0.012%
70	10.720	2992	2995	2998	rBV2	678	451	0.08%	0.011%
71	10.740	2998	3001	3005	rBV2	758	566	0.10%	0.014%

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72	10.830	3027	3029	3032	rVB3	502	283	0.05%	0.007%
73	10.958	3065	3069	3078	rVB6	1163	1650	0.28%	0.040%
74	11.177	3130	3137	3140	rBV8	2356	3509	0.59%	0.086%
75	11.296	3162	3174	3192	rBV2	135866	234921	39.56%	5.748%
76	11.424	3210	3214	3215	rBV3	1147	893	0.15%	0.022%
77	11.608	3269	3271	3275	rBV2	360	268	0.05%	0.007%
78	11.672	3280	3291	3306	rVV	140080	233145	39.26%	5.704%
79	11.781	3324	3325	3329	rBV2	555	304	0.05%	0.007%
80	12.087	3417	3420	3422	rBV	659	370	0.06%	0.009%
81	12.183	3448	3450	3455	rVB2	523	301	0.05%	0.007%
82	12.238	3465	3467	3472	rVB	672	365	0.06%	0.009%
83	12.264	3472	3475	3478	rBV2	547	523	0.09%	0.013%
84	12.514	3551	3553	3558	rBV	478	407	0.07%	0.010%
85	12.675	3601	3603	3608	rVV	610	352	0.06%	0.009%
86	13.077	3725	3728	3731	rBV2	498	377	0.06%	0.009%
87	13.411	3826	3832	3835	rBV3	601	636	0.11%	0.016%
88	13.527	3866	3868	3871	rVB2	613	290	0.05%	0.007%
89	13.592	3885	3888	3889	rBV2	554	259	0.04%	0.006%
90	13.990	4009	4012	4015	rBV	719	400	0.07%	0.010%
91	14.006	4015	4017	4021	rVB4	684	337	0.06%	0.008%
92	14.315	4109	4113	4114	rBV	492	264	0.04%	0.006%
93	14.354	4122	4125	4130	rVV3	575	500	0.08%	0.012%
94	14.646	4206	4216	4224	rBV3	19965	30204	5.09%	0.739%
95	14.852	4278	4280	4286	rBV3	563	609	0.10%	0.015%
96	15.074	4339	4349	4360	rVB7	13740	24215	4.08%	0.592%
97	15.244	4398	4402	4411	rVB8	3731	3703	0.62%	0.091%
98	15.315	4422	4424	4425	rBV2	786	347	0.06%	0.008%
99	15.636	4517	4524	4535	rVB9	12485	17208	2.90%	0.421%
100	16.273	4715	4722	4732	rVB8	26215	39183	6.60%	0.959%

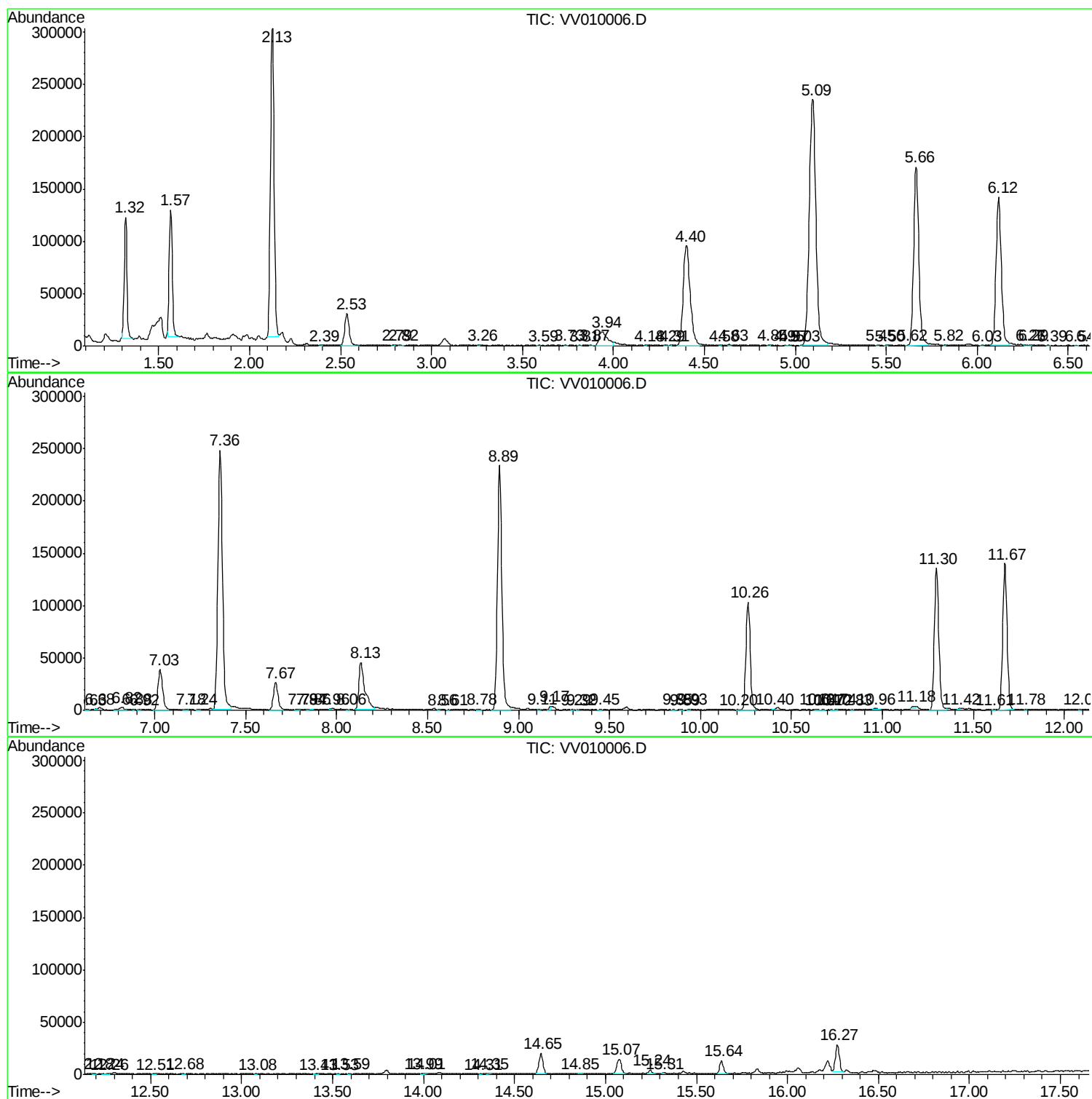
Sum of corrected areas: 4087209

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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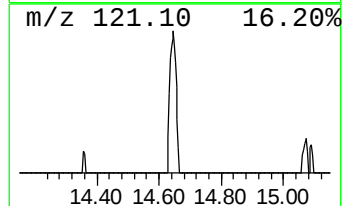
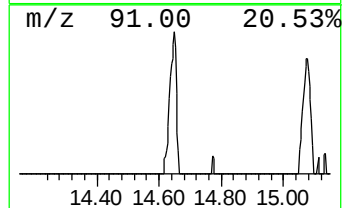
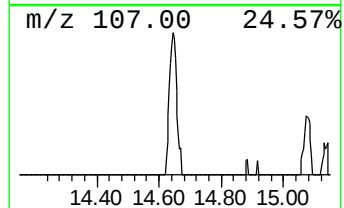
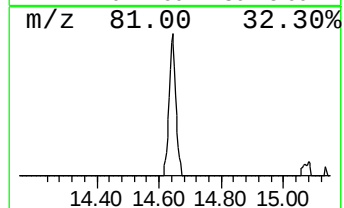
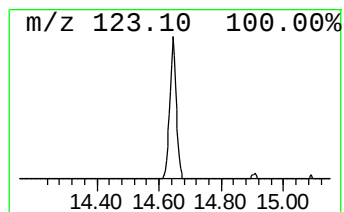
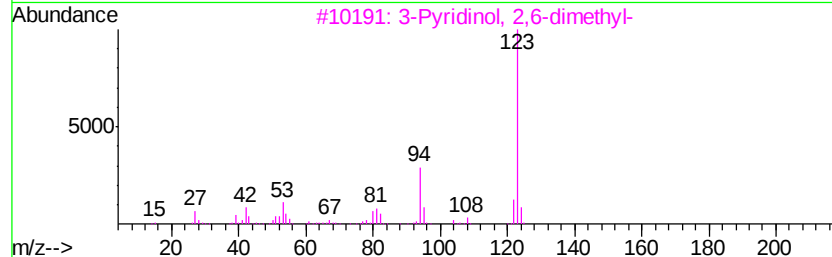
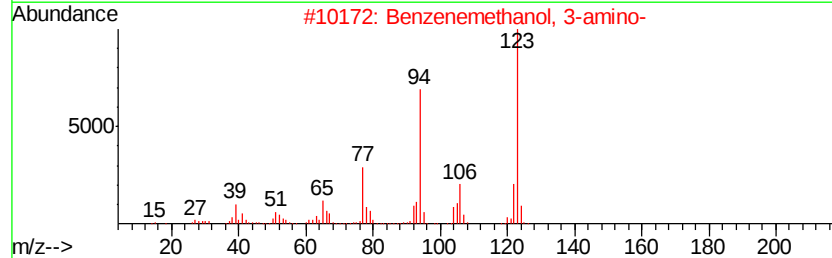
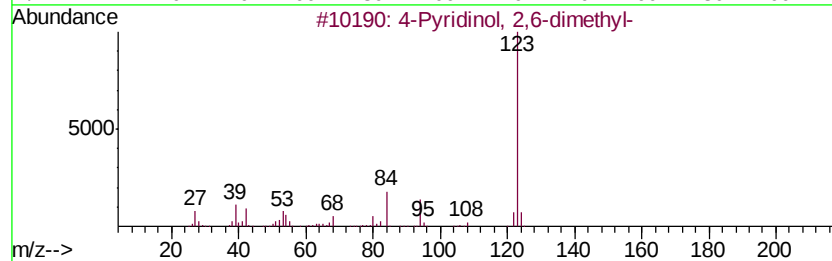
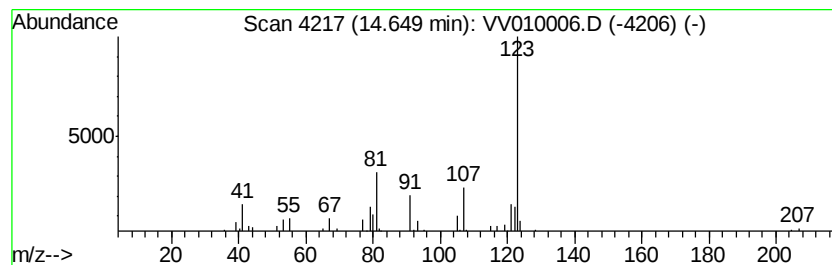
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis

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

Peak Number 2 4-Pyridinol, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.65	3.21 ug/L	30204	1,4-Dichlorobenzene-d4	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinol, 2,6-dimethyl-	123	C7H9NO	013603-44-6	52	
2	Benzenemethanol, 3-amino-	123	C7H9NO	001877-77-6	52	
3	3-Pyridinol, 2,6-dimethyl-	123	C7H9NO	001122-43-6	50	
4	Phenol, 4-amino-3-methyl-	123	C7H9NO	002835-99-6	47	
5	2-Acetamido-4-methylphenyl acetate	207	C11H13NO3	1000373-46-9	47	



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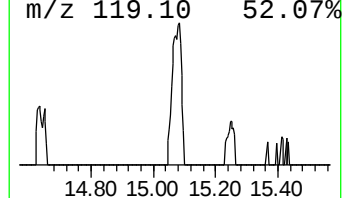
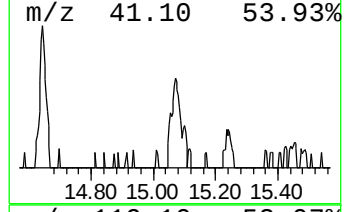
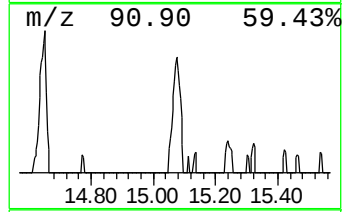
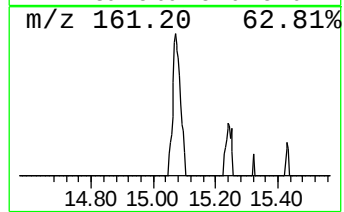
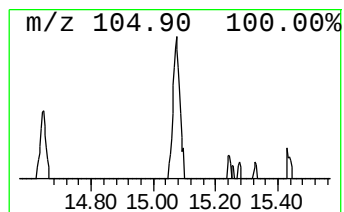
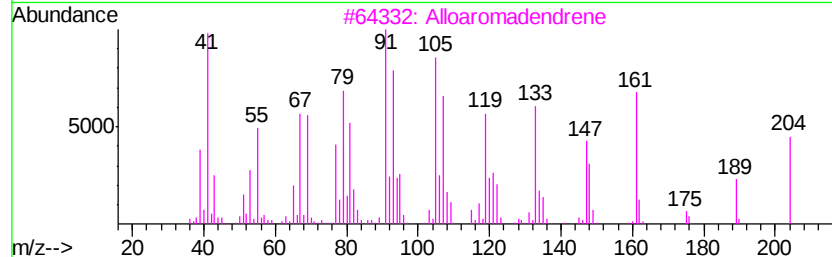
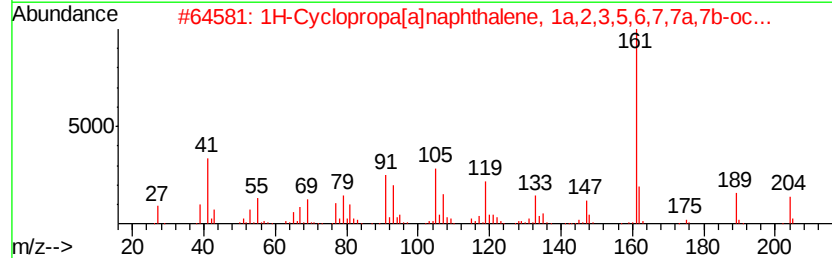
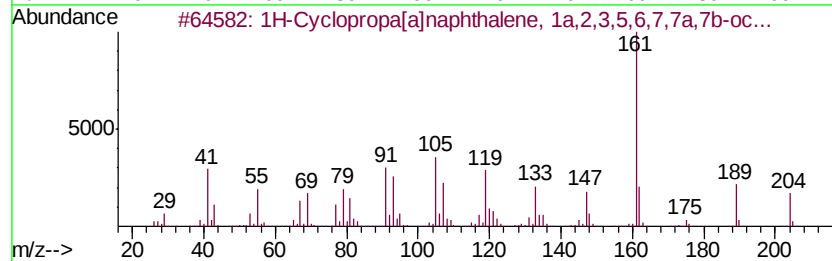
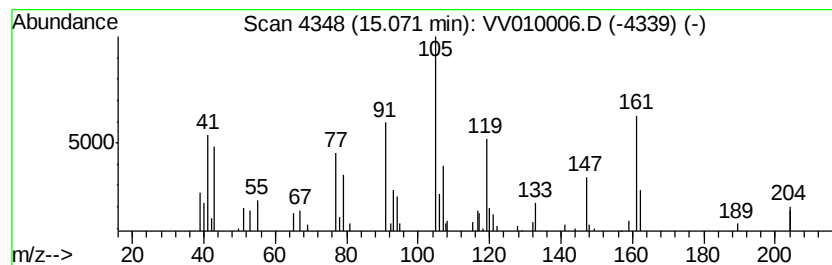
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Cyclopropa[a]naphthalene... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.58 ug/L	24215	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 53
2		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 49
3		Alloaromadendrene	204 C15H24	025246-27-9 45
4		Selina-3,7(11)-diene	204 C15H24	006813-21-4 38
5		1,6-Cyclodecadiene, 1-methyl-5-m...	204 C15H24	023986-74-5 38



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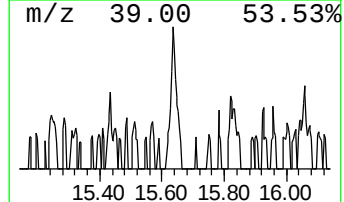
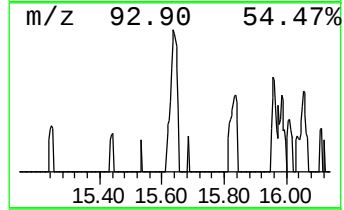
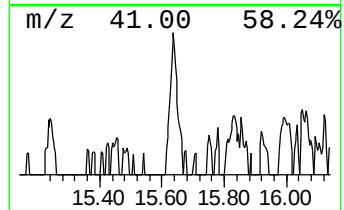
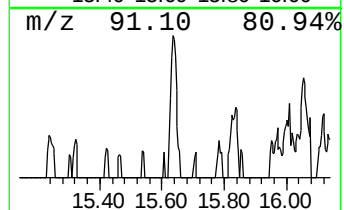
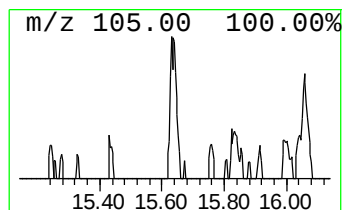
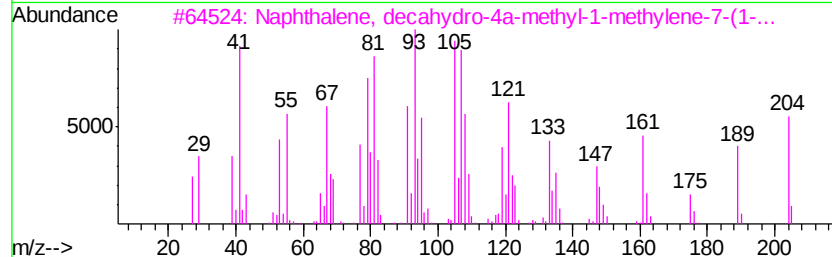
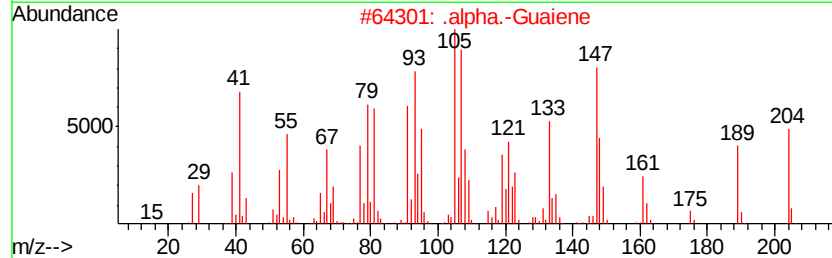
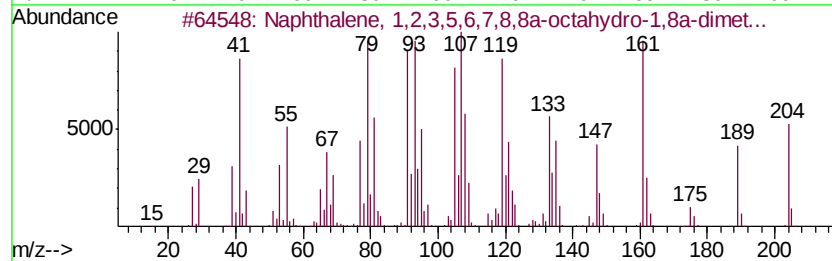
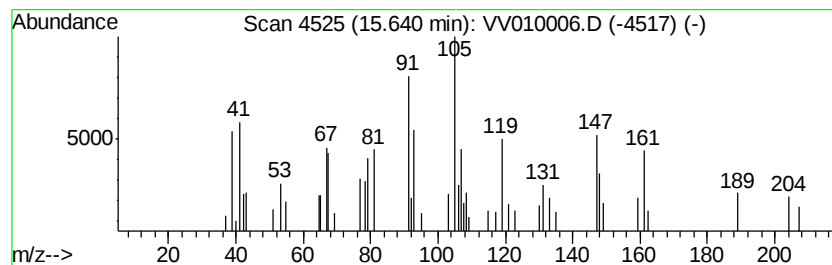
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	1.83 ug/L	17208	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	90
2		.alpha.-Guaiene	204	C15H24	003691-12-1	86
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	80
4		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	64
5		Alloaromadendrene	204	C15H24	025246-27-9	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV032919\
Data File : VV010006.D
Acq On : 29 Mar 2019 17:20
Operator : SY/MD
Sample : K2084-04RE
Misc : 3.65G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

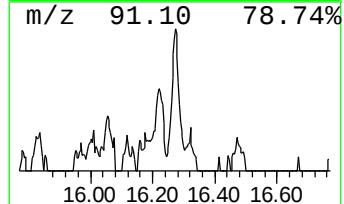
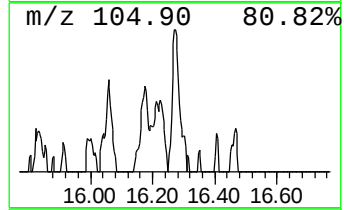
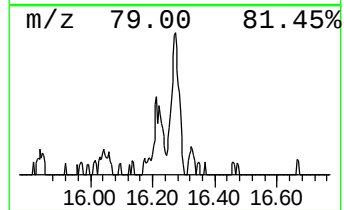
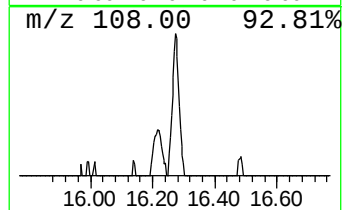
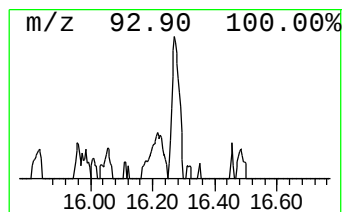
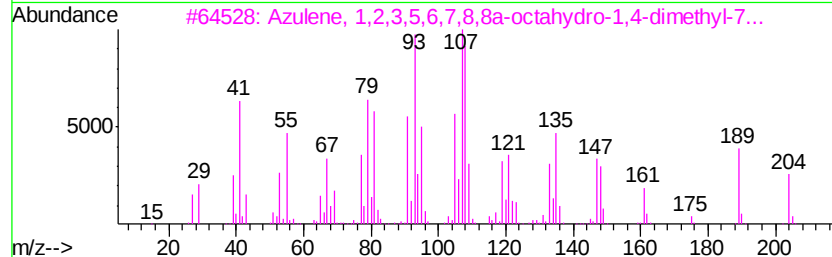
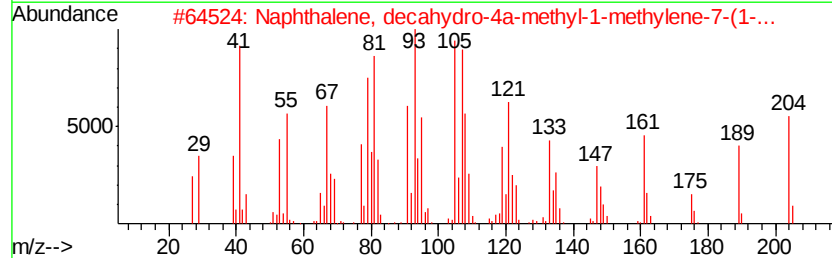
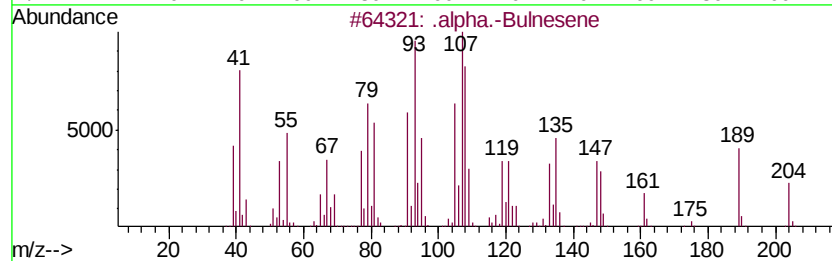
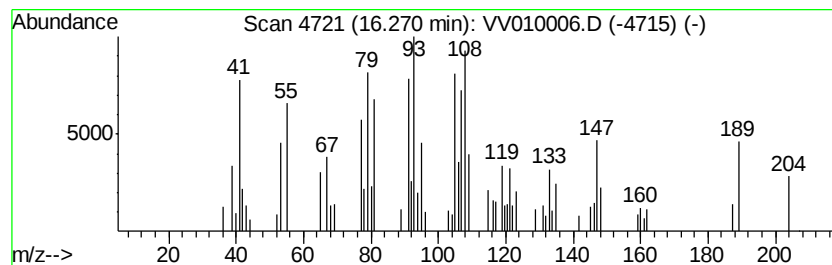
Instrument :
MSVOA_V
ClientSampleId :
BF7W6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis

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

Peak Number 5 .alpha.-Bulnesene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.27	4.17 ug/L	39183	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bulnesene	204	C15H24	1000374-19-9	93
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	91
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	83
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	78
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV032919\
Data File : VV010006.D
Acq On : 29 Mar 2019 17:20
Operator : SY/MD
Sample : K2084-04RE
Misc : 3.65G/10mL/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
BF7W6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM032619S.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
4-Pyridinol, 2,6-...	14.65	3.2	ug/L	30204	3	11.30	234921	25.0
1H-Cyclopropa[a]n...	15.07	2.6	ug/L	24215	3	11.30	234921	25.0
Naphthalene, 1,2,...	15.64	1.8	ug/L	17208	3	11.30	234921	25.0
.alpha.-Bulnesene	16.27	4.2	ug/L	39183	3	11.30	234921	25.0