

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
 Data File : VV010640.D
 Acq On : 02 May 2019 23:03
 Operator : SY/MD
 Sample : K2603-07
 Misc : 5.03G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ59

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	1.212	33	38	40	rBV2	5255	5047	0.96%	0.098%
2	1.319	64	71	89	rVB	57178	58273	11.09%	1.131%
3	1.579	144	152	167	rVB	42589	52136	9.92%	1.012%
4	1.766	207	210	216	rVB4	1246	1258	0.24%	0.024%
5	2.055	293	300	307	rBV4	1008	1408	0.27%	0.027%
6	2.129	312	323	334	rVV	98511	138478	26.35%	2.688%
7	2.190	335	342	352	rVB5	3470	5515	1.05%	0.107%
8	2.315	375	381	391	rVB4	1952	2940	0.56%	0.057%
9	2.537	441	450	460	rVB2	3938	6133	1.17%	0.119%
10	3.074	609	617	628	rVB6	2250	4357	0.83%	0.085%
11	3.347	698	702	709	rVB2	252	376	0.07%	0.007%
12	3.415	715	723	725	rBV2	303	408	0.08%	0.008%
13	3.595	774	779	784	rVB2	366	378	0.07%	0.007%
14	3.865	856	863	867	rBV2	291	432	0.08%	0.008%
15	3.936	874	885	912	rVV2	13597	35776	6.81%	0.694%
16	4.402	1012	1030	1054	rBV	91648	225708	42.95%	4.381%
17	5.097	1228	1246	1279	rBV2	205730	525570	100.00%	10.202%
18	5.380	1330	1334	1339	rVB3	449	428	0.08%	0.008%
19	5.666	1409	1423	1444	rBV	182689	373946	71.15%	7.259%
20	5.949	1503	1511	1525	rVB7	2975	6026	1.15%	0.117%
21	6.035	1536	1538	1545	rVB2	422	403	0.08%	0.008%
22	6.119	1550	1564	1582	rBV	120084	245445	46.70%	4.764%
23	6.460	1663	1670	1678	rVB2	310	543	0.10%	0.011%
24	6.759	1760	1763	1768	rBV2	403	408	0.08%	0.008%
25	6.826	1778	1784	1786	rVV3	554	551	0.10%	0.011%
26	7.029	1836	1847	1870	rBV	60071	107738	20.50%	2.091%
27	7.309	1927	1934	1937	rVB3	336	449	0.09%	0.009%
28	7.360	1937	1950	1967	rBV	244985	442574	84.21%	8.591%
29	7.579	2015	2018	2022	rVB2	510	370	0.07%	0.007%
30	7.662	2034	2044	2059	rVV	36744	60390	11.49%	1.172%
31	7.984	2142	2144	2153	rVB2	504	380	0.07%	0.007%
32	8.132	2180	2190	2205	rBV	48749	83907	15.96%	1.629%
33	8.264	2228	2231	2236	rVB3	602	399	0.08%	0.008%
34	8.711	2366	2370	2374	rVB3	417	392	0.07%	0.008%

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 Title : VOC Analysis

35	8.897	2414	2428	2468	rVV	285557	491246	93.47%	9.536%
36	9.051	2473	2476	2486	rVB4	582	925	0.18%	0.018%
37	9.251	2531	2538	2545	rVB4	802	1255	0.24%	0.024%
38	9.595	2642	2645	2655	rVB5	768	1049	0.20%	0.020%
39	9.756	2690	2695	2701	rVB3	1109	1165	0.22%	0.023%
40	9.836	2715	2720	2726	rBV5	551	738	0.14%	0.014%
41	9.897	2733	2739	2740	rBV2	441	435	0.08%	0.008%
42	10.260	2840	2852	2871	rVB	96391	151870	28.90%	2.948%
43	10.424	2896	2903	2911	rBV4	1778	2541	0.48%	0.049%
44	10.502	2919	2927	2932	rBV7	1129	1428	0.27%	0.028%
45	10.556	2937	2944	2948	rVV6	1679	2365	0.45%	0.046%
46	10.585	2948	2953	2957	rVV3	2373	3084	0.59%	0.060%
47	10.620	2959	2964	2975	rVB4	3874	5102	0.97%	0.099%
48	10.768	3005	3010	3012	rVV3	411	394	0.07%	0.008%
49	10.784	3012	3015	3021	rVB2	835	639	0.12%	0.012%
50	10.813	3021	3024	3029	rBV2	491	385	0.07%	0.007%
51	10.923	3049	3058	3062	rVV4	1482	2134	0.41%	0.041%
52	10.961	3062	3070	3080	rVB2	3775	5995	1.14%	0.116%
53	11.032	3086	3092	3099	rVB4	1434	2008	0.38%	0.039%
54	11.141	3119	3126	3130	rBV3	964	1022	0.19%	0.020%
55	11.199	3135	3144	3153	rBV9	3065	6012	1.14%	0.117%
56	11.238	3153	3156	3162	rVB4	1464	1445	0.27%	0.028%
57	11.296	3162	3174	3191	rBV	291475	464277	88.34%	9.012%
58	11.383	3193	3201	3208	rVB7	4418	6088	1.16%	0.118%
59	11.421	3209	3213	3214	rBV3	638	397	0.08%	0.008%
60	11.505	3237	3239	3244	rVB4	908	584	0.11%	0.011%
61	11.582	3254	3263	3270	rBV6	3350	5323	1.01%	0.103%
62	11.620	3270	3275	3279	rVV5	2241	3001	0.57%	0.058%
63	11.672	3279	3291	3307	rVB	274411	437934	83.33%	8.501%
64	11.791	3319	3328	3332	rBV5	4788	7082	1.35%	0.137%
65	11.833	3336	3341	3348	rVB6	5474	7541	1.43%	0.146%
66	11.955	3369	3379	3381	rBV7	2567	3404	0.65%	0.066%
67	12.116	3425	3429	3430	rBV2	1191	836	0.16%	0.016%
68	12.170	3437	3446	3450	rBV8	2319	3652	0.69%	0.071%
69	12.241	3462	3468	3476	rVB7	6288	9033	1.72%	0.175%
70	12.299	3476	3486	3497	rBV7	8702	16770	3.19%	0.326%
71	12.350	3499	3502	3505	rBV3	1161	953	0.18%	0.018%

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72	12.363	3505	3506	3510	rVB2	1792	632	0.12%	0.012%
73	12.411	3510	3521	3529	rBV9	5216	9939	1.89%	0.193%
74	12.460	3529	3536	3544	rVB5	5006	7768	1.48%	0.151%
75	12.514	3544	3553	3567	rVB3	15403	25763	4.90%	0.500%
76	12.595	3571	3578	3584	rBV8	2852	4489	0.85%	0.087%
77	12.636	3586	3591	3595	rBV5	2978	3670	0.70%	0.071%
78	12.772	3629	3633	3641	rVB5	5152	6105	1.16%	0.119%
79	12.839	3651	3654	3662	rVB7	3001	3909	0.74%	0.076%
80	12.890	3667	3670	3672	rVV3	2833	2407	0.46%	0.047%
81	12.929	3674	3682	3693	rVV3	27964	48337	9.20%	0.938%
82	12.993	3697	3702	3712	rVB7	8259	12864	2.45%	0.250%
83	13.048	3713	3719	3724	rBV4	2743	3374	0.64%	0.065%
84	13.099	3724	3735	3754	rVB10	17878	43725	8.32%	0.849%
85	13.267	3778	3787	3793	rBV5	6669	10636	2.02%	0.206%
86	13.315	3795	3802	3808	rBV6	10668	15775	3.00%	0.306%
87	13.415	3828	3833	3839	rBV2	6779	8209	1.56%	0.159%
88	13.550	3866	3875	3884	rVB	69925	103974	19.78%	2.018%
89	13.907	3984	3986	3990	rBV4	2113	1854	0.35%	0.036%
90	13.952	3994	4000	4016	rVB6	13657	28912	5.50%	0.561%
91	14.141	4051	4059	4069	rBV7	22003	42074	8.01%	0.817%
92	14.611	4201	4205	4207	rBV4	5263	4477	0.85%	0.087%
93	14.681	4217	4227	4238	rBV	118978	192788	36.68%	3.742%
94	14.816	4263	4269	4275	rBV7	7893	12164	2.31%	0.236%
95	14.865	4275	4284	4300	rVV	99752	174641	33.23%	3.390%
96	15.604	4508	4514	4520	rBV3	14146	21067	4.01%	0.409%
97	15.717	4538	4549	4562	rBV	85286	155723	29.63%	3.023%
98	15.861	4585	4594	4601	rBV	93717	147294	28.03%	2.859%
99	16.061	4650	4656	4660	rBV3	11537	16539	3.15%	0.321%
100	17.029	4952	4957	4962	rBV9	3868	3917	0.75%	0.076%

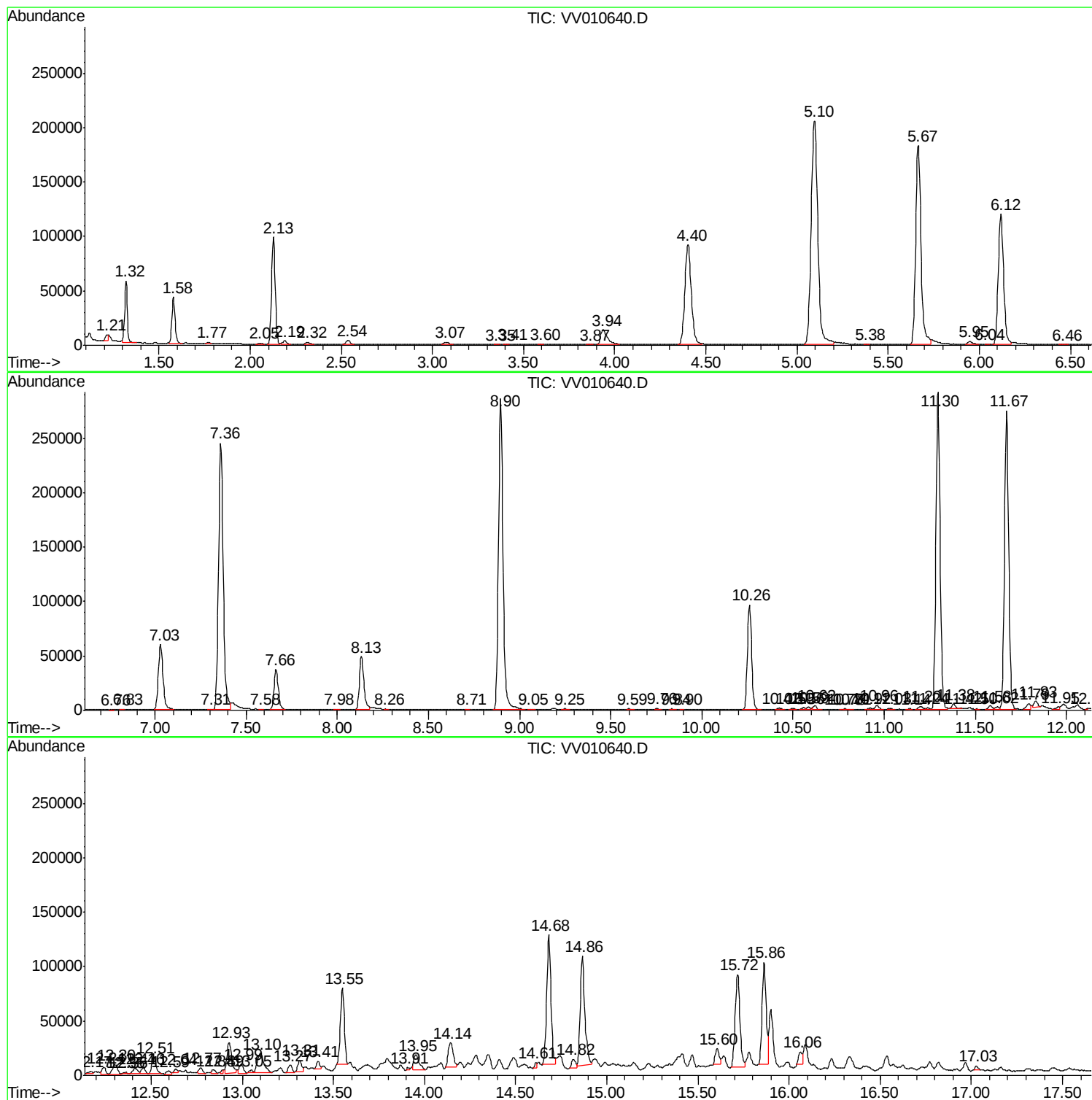
Sum of corrected areas: 5151680

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Instrument :
MSVOA_V
ClientSampled :
GAJ59

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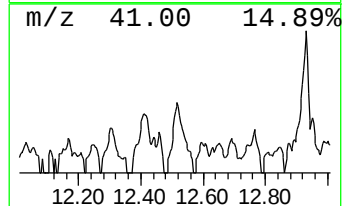
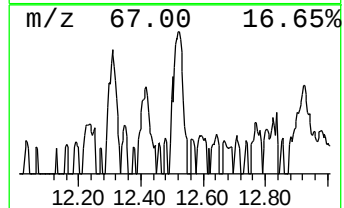
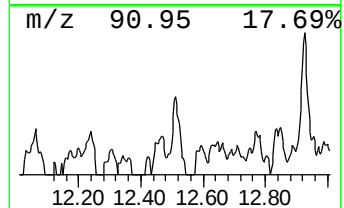
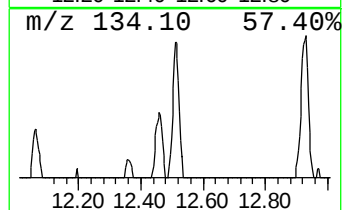
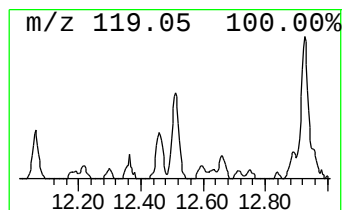
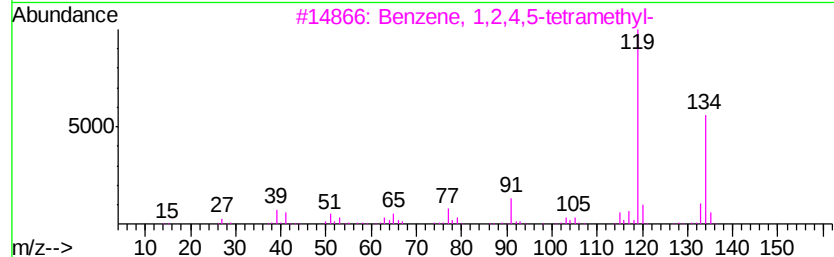
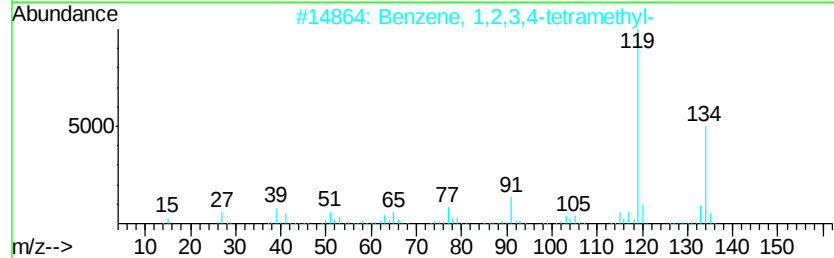
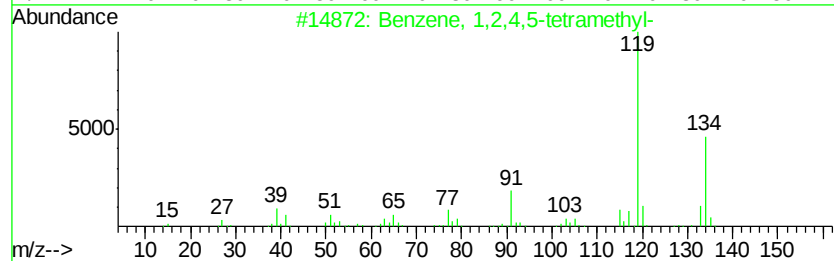
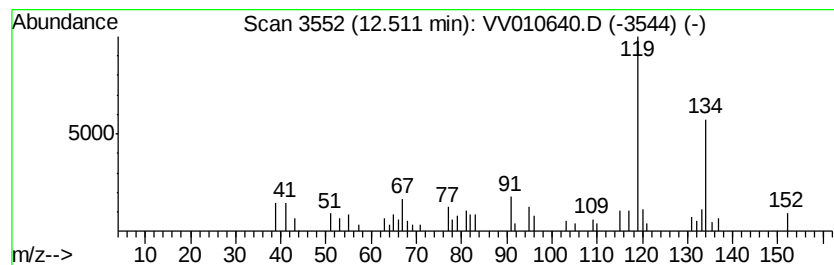
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	1.39 ug/L	25763	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



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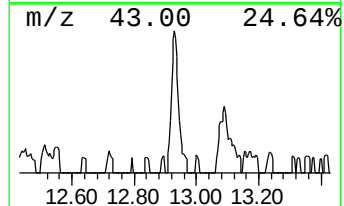
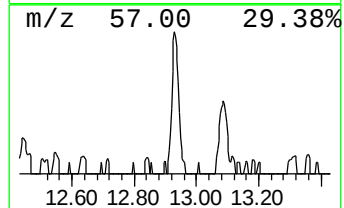
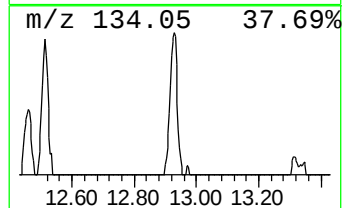
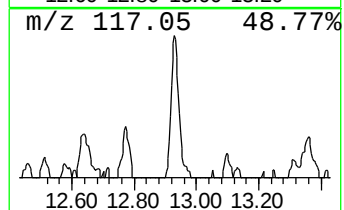
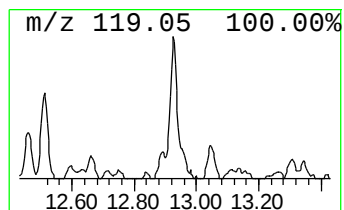
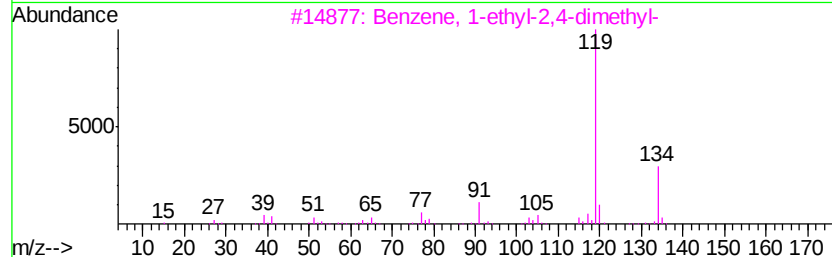
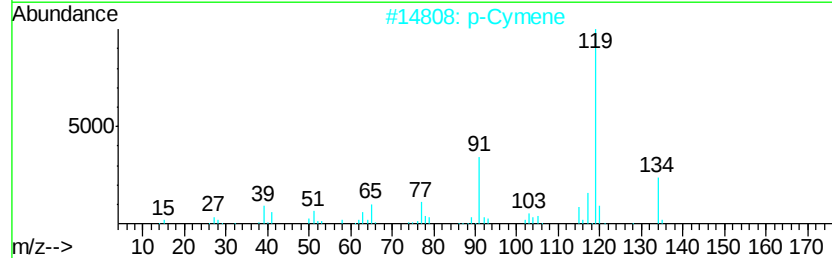
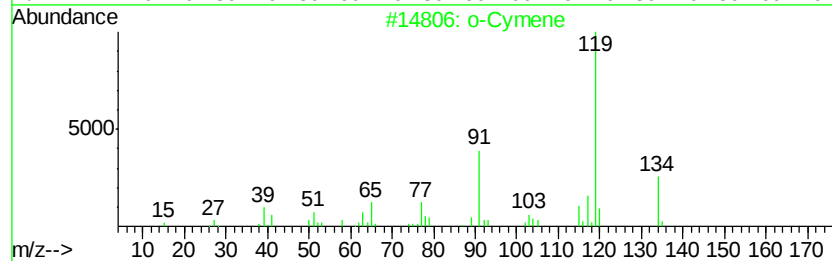
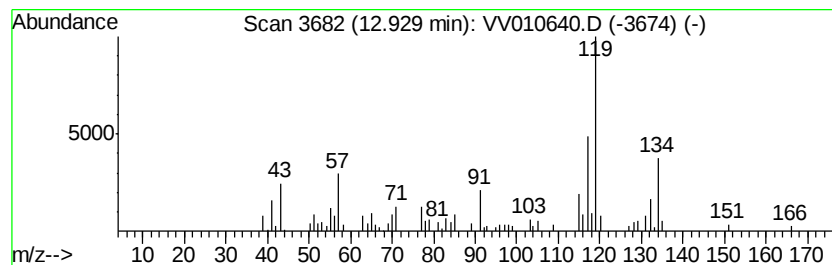
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Quant Title : VOC Analysis

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

Peak Number 3 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.60 ug/L	48337	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	60
2		p-Cymene	134	C10H14	000099-87-6	60
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5		p-Cymene	134	C10H14	000099-87-6	55



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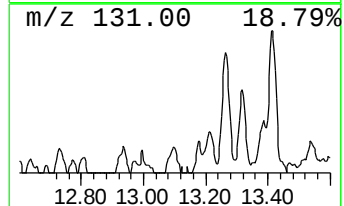
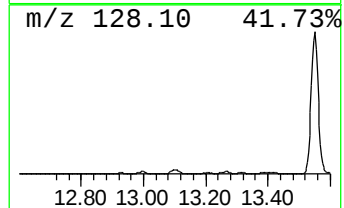
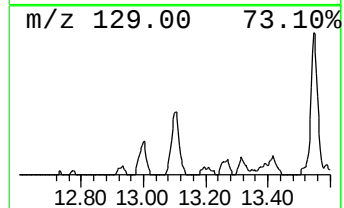
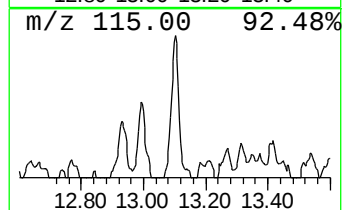
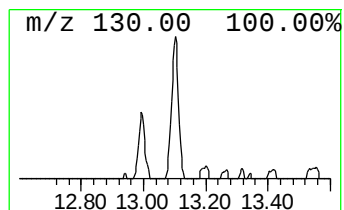
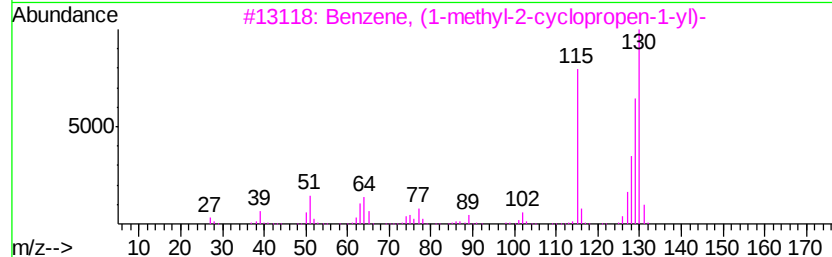
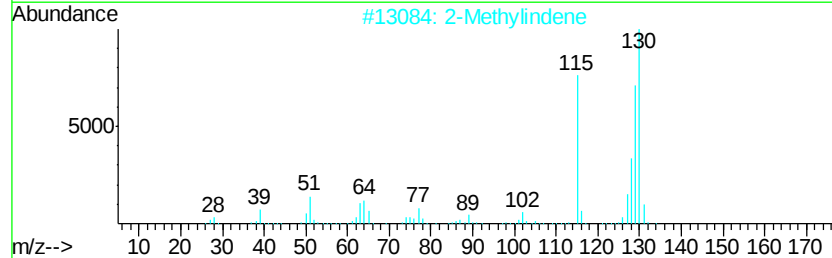
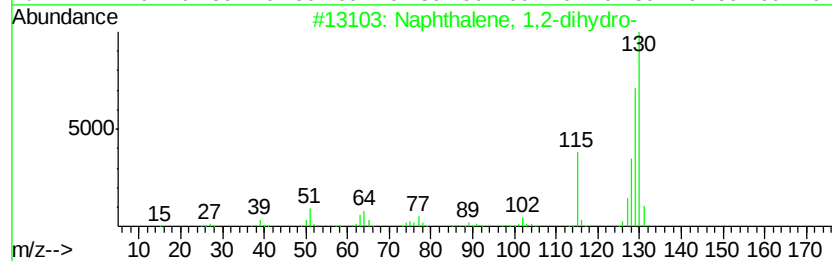
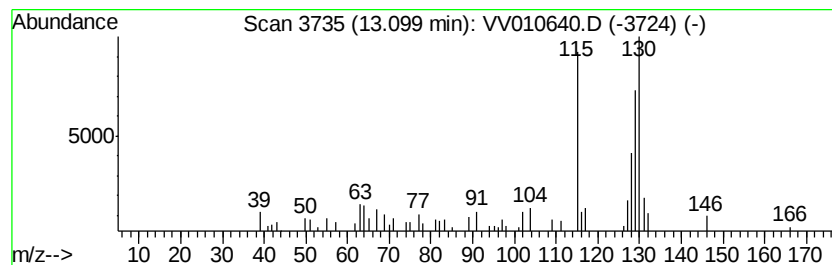
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.35 ug/L	43725	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89
2		2-Methylindene	130	C10H10	002177-47-1	89
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	89
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ59

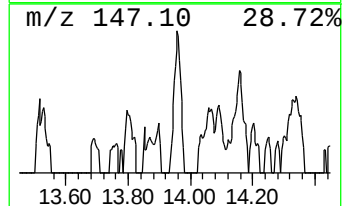
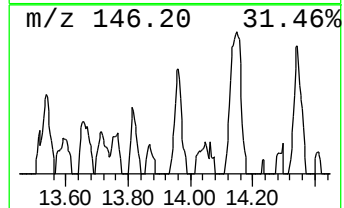
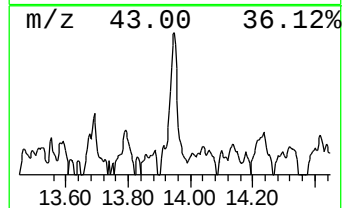
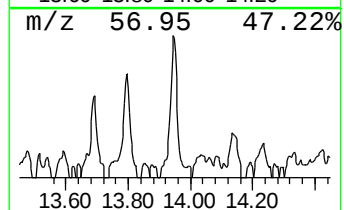
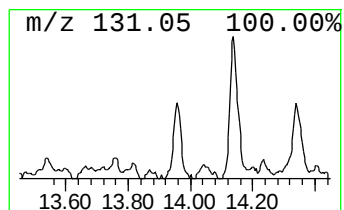
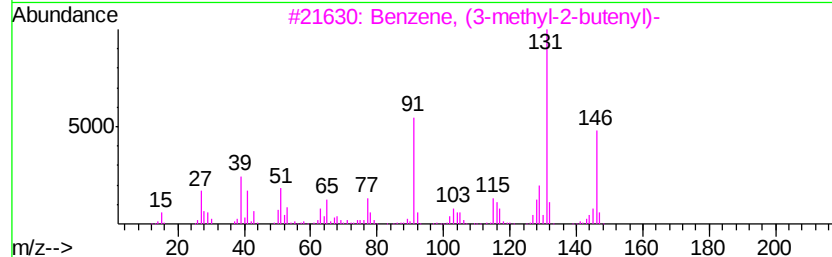
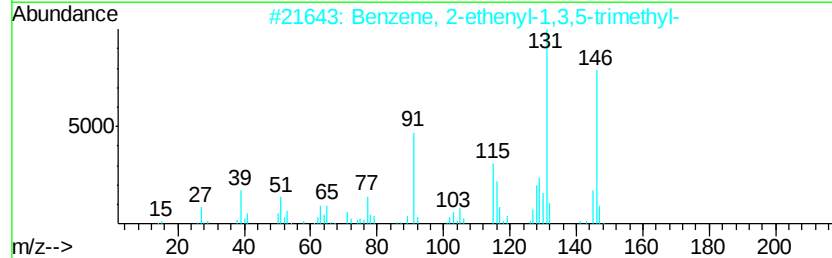
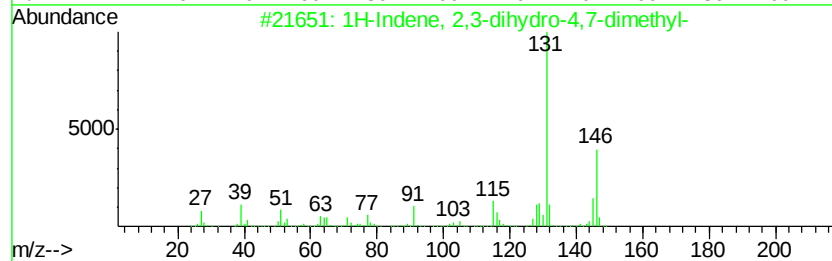
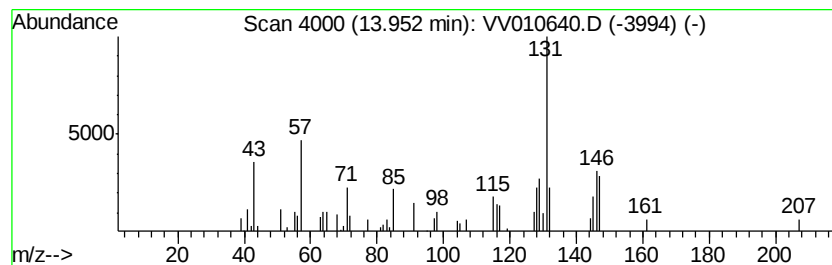
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Quant Title : VOC Analysis

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

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	1.56 ug/L	28912	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ59

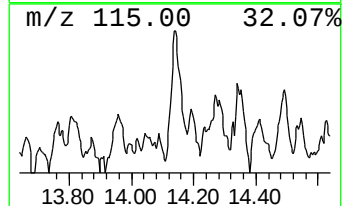
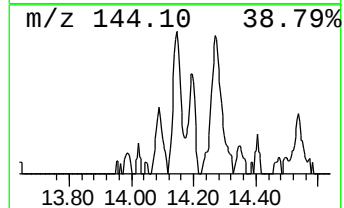
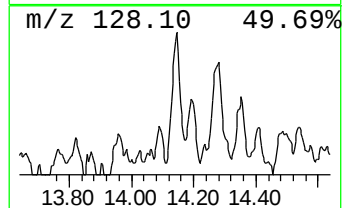
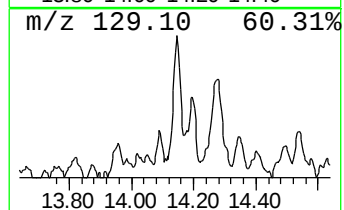
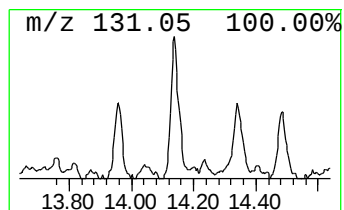
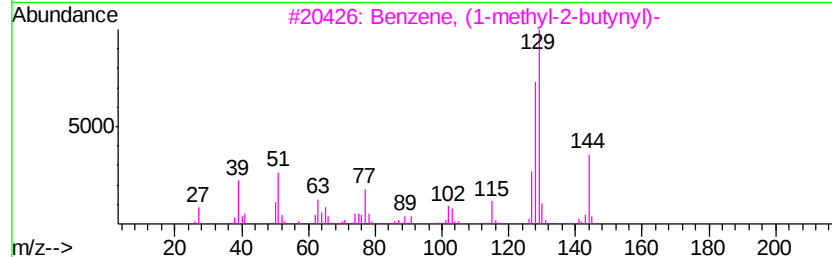
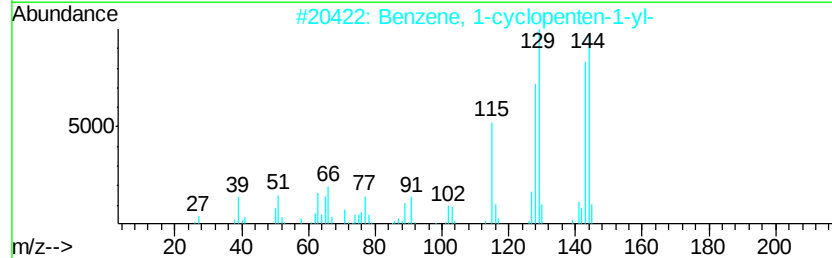
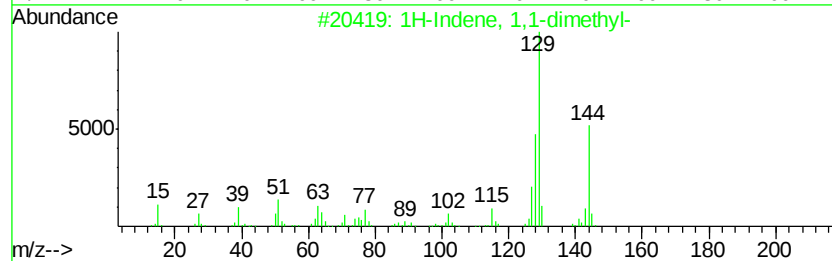
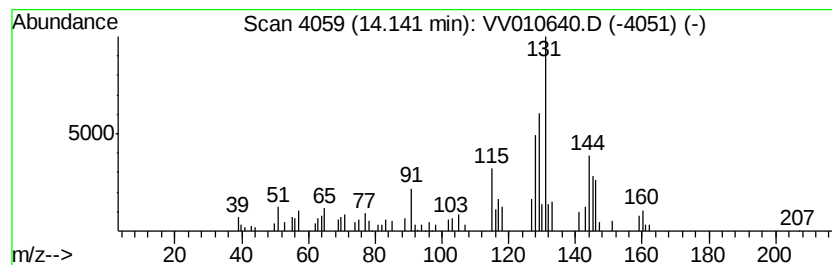
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.27 ug/L	42074	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	42
2		Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	41
3		Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	41
4		Benzene, (1-methyl-1-butynyl)-	146	C11H14	053172-84-2	38
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

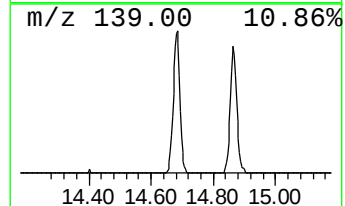
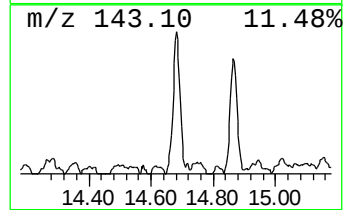
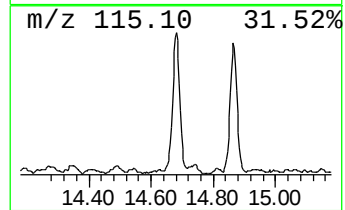
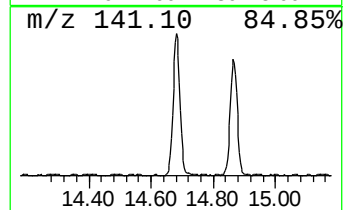
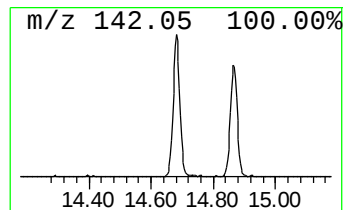
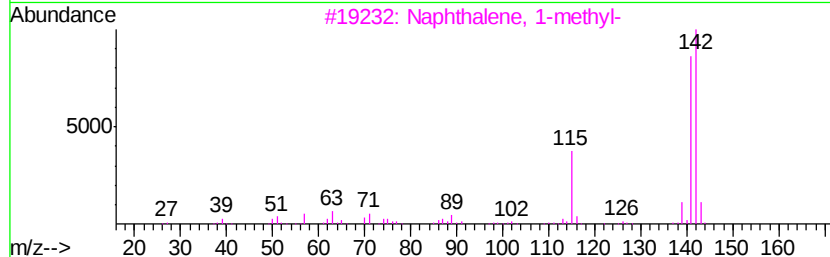
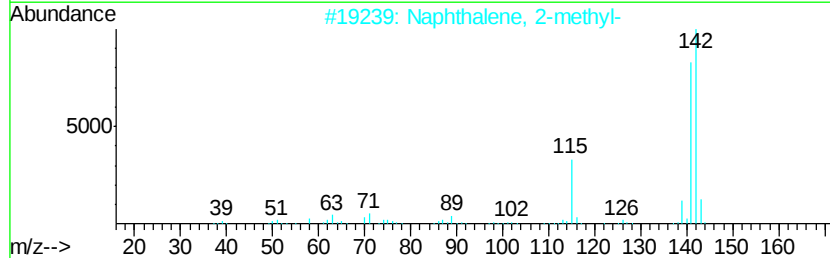
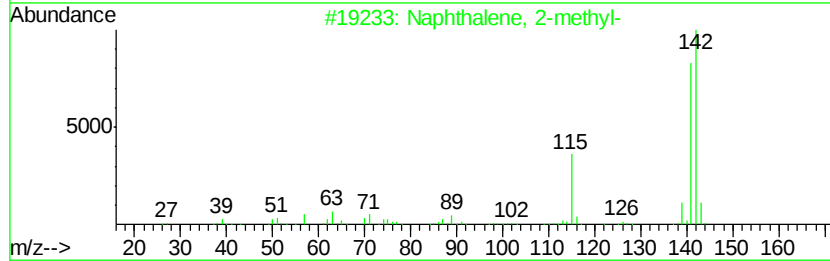
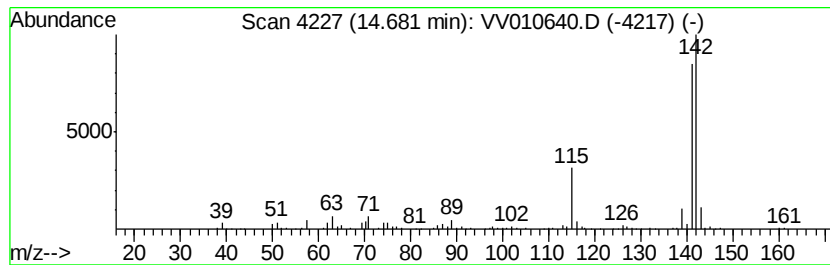
Instrument :
MSVOA_V
ClientSampleId :
GAJ59

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 8 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	10.38 ug/L	192788	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
4		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
5		Benzocycloheptatriene	142 C11H10	000264-09-5 91



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

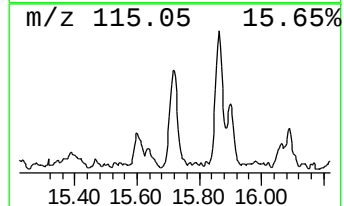
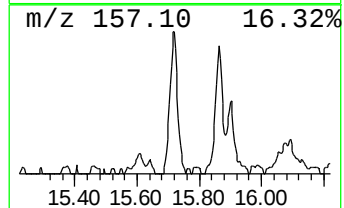
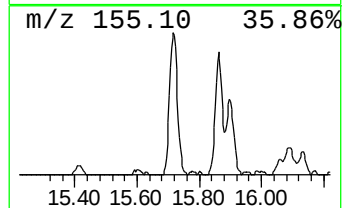
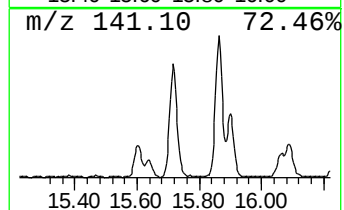
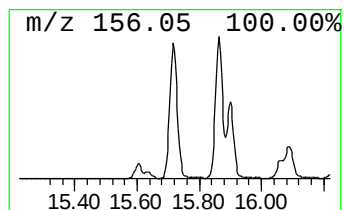
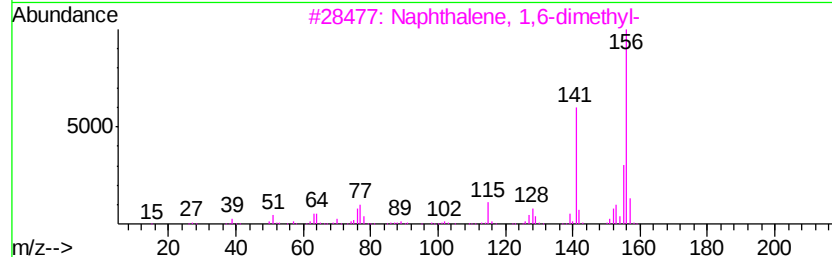
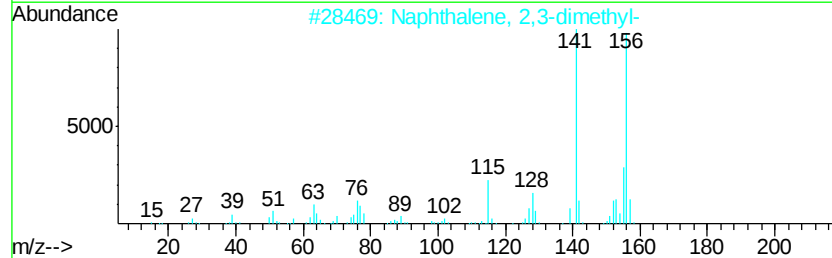
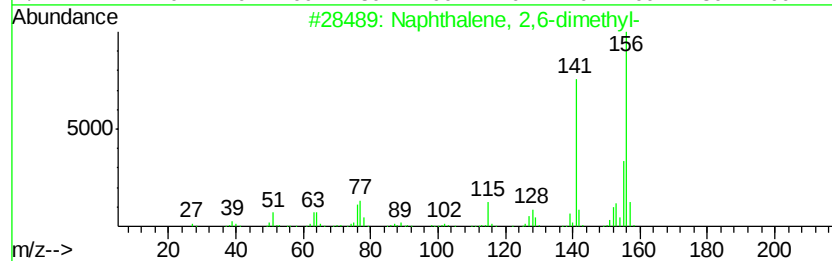
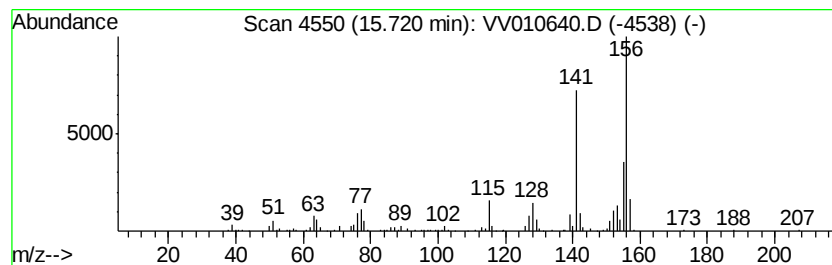
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	8.39 ug/L	155723	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ59

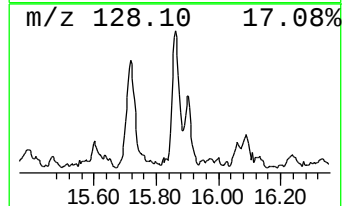
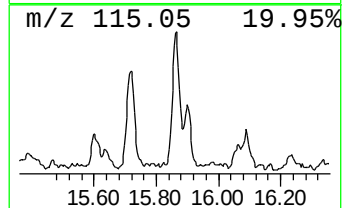
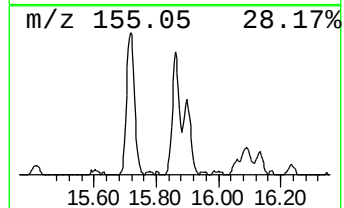
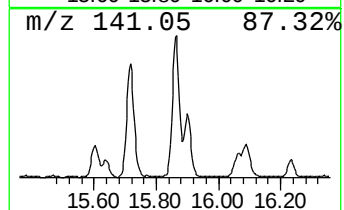
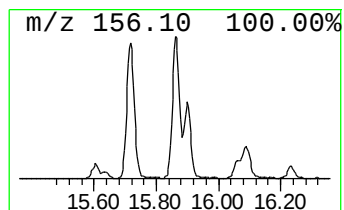
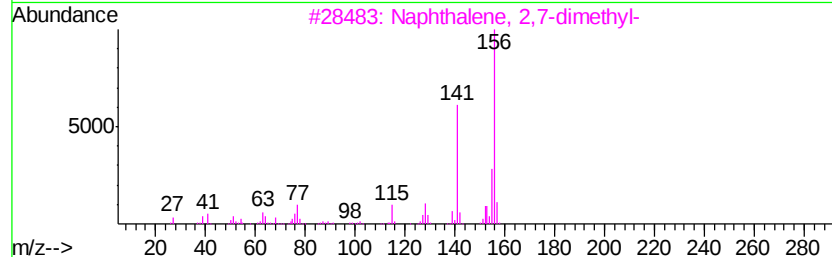
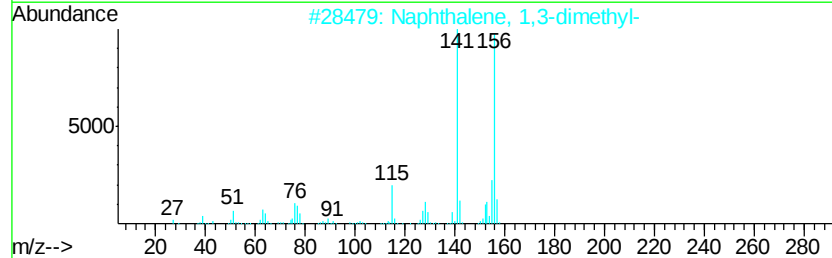
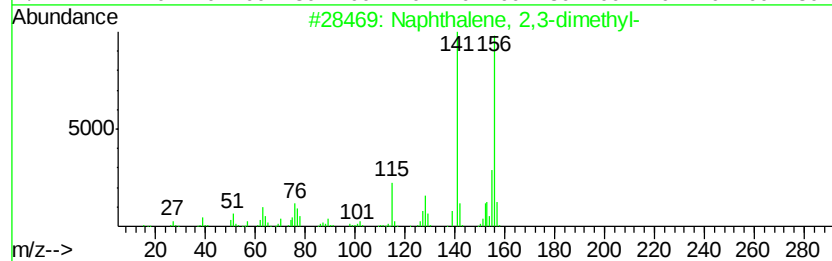
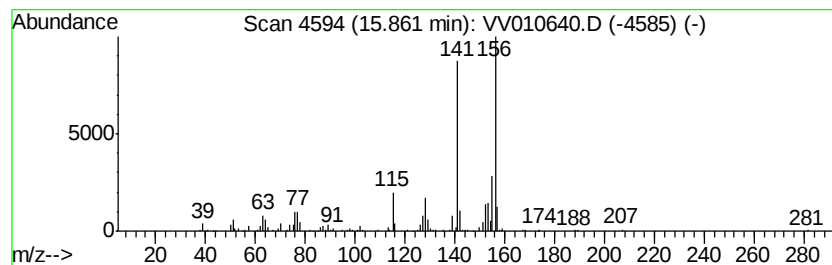
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Quant Title : VOC Analysis

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	7.93 ug/L	147294	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ59

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
Benzene, 1,2,4,5-...	12.51	1.4	ug/L	25763	3	11.30	464277	25.0
o-Cymene	12.93	2.6	ug/L	48337	3	11.30	464277	25.0
Naphthalene, 1,2-...	13.10	2.4	ug/L	43725	3	11.30	464277	25.0
1H-Indene, 2,3-di...	13.95	1.6	ug/L	28912	3	11.30	464277	25.0
unknown-01	14.14	2.3	ug/L	42074	3	11.30	464277	25.0
Naphthalene, 1-me...	14.68	10.4	ug/L	192788	3	11.30	464277	25.0
Naphthalene, 2,6-...	15.72	8.4	ug/L	155723	3	11.30	464277	25.0
Naphthalene, 2,3-...	15.86	7.9	ug/L	147294	3	11.30	464277	25.0