

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031789.D
 Acq On : 06 May 2019 19:03
 Operator : JC/SP
 Sample : K2634-05
 Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJB4

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\SOMULM042719WMA.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	1.290	57	62	69	rBV	68200	66931	1.05%	0.186%
2	1.393	87	94	112	rBV	242026	389783	6.12%	1.084%
3	1.669	174	180	193	rBV	181752	338363	5.32%	0.941%
4	2.238	346	357	373	rBV	584863	941072	14.78%	2.617%
5	2.756	516	518	520	rBV	1476	932	0.01%	0.003%
6	2.791	526	529	531	rBV2	1621	1076	0.02%	0.003%
7	2.884	555	558	564	rVB3	1402	1000	0.02%	0.003%
8	3.077	615	618	622	rBV3	1077	857	0.01%	0.002%
9	3.138	635	637	642	rVB3	1969	1468	0.02%	0.004%
10	3.209	655	659	662	rBV3	923	862	0.01%	0.002%
11	3.277	670	680	684	rBV7	3509	6004	0.09%	0.017%
12	3.351	700	703	707	rBV3	1108	934	0.01%	0.003%
13	3.434	724	729	731	rBV3	1462	1216	0.02%	0.003%
14	3.544	760	763	767	rVB3	1221	991	0.02%	0.003%
15	3.569	767	771	774	rBV3	1150	989	0.02%	0.003%
16	3.630	787	790	793	rBV2	1196	1075	0.02%	0.003%
17	3.730	818	821	827	rBV3	1406	1159	0.02%	0.003%
18	3.785	835	838	842	rVB2	1131	864	0.01%	0.002%
19	3.897	871	873	876	rVV	1418	846	0.01%	0.002%
20	3.913	876	878	883	rVB2	1767	1108	0.02%	0.003%
21	3.952	888	890	893	rVV2	1230	828	0.01%	0.002%
22	4.013	906	909	913	rBV2	1470	1556	0.02%	0.004%
23	4.209	954	970	1022	rBV	179828	949197	14.91%	2.639%
24	4.643	1088	1105	1134	rBV	463846	1243326	19.53%	3.457%
25	4.965	1200	1205	1209	rBV5	2340	2664	0.04%	0.007%
26	5.016	1219	1221	1226	rVB3	1354	1121	0.02%	0.003%
27	5.097	1243	1246	1250	rVB4	1244	998	0.02%	0.003%
28	5.164	1261	1267	1271	rVV6	1206	1346	0.02%	0.004%
29	5.328	1297	1318	1350	rBV2	1076590	3187418	50.07%	8.862%
30	5.666	1420	1423	1426	rBV4	1332	907	0.01%	0.003%
31	5.881	1477	1490	1525	rBV	804010	1862473	29.26%	5.178%
32	6.148	1571	1573	1574	rVV2	1651	814	0.01%	0.002%
33	6.180	1574	1583	1595	rVV2	15577	34508	0.54%	0.096%
34	6.328	1614	1629	1662	rBV	669637	1532047	24.07%	4.260%

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 Title : VOC Analysis

35	6.531	1689	1692	1694	rBV4	1249	842	0.01%	0.002%
36	6.637	1722	1725	1729	rVB4	1615	1265	0.02%	0.004%
37	6.656	1729	1731	1735	rVV3	1477	910	0.01%	0.003%
38	6.695	1739	1743	1748	rBV6	1063	1009	0.02%	0.003%
39	6.820	1779	1782	1784	rBV2	1302	888	0.01%	0.002%
40	6.887	1797	1803	1805	rBV3	3082	2937	0.05%	0.008%
41	7.074	1856	1861	1865	rVB4	1394	1178	0.02%	0.003%
42	7.228	1896	1909	1943	rBV	313342	698877	10.98%	1.943%
43	7.563	2000	2013	2045	rBV	1118981	2198859	34.54%	6.114%
44	7.852	2093	2103	2124	rBV	204274	454061	7.13%	1.262%
45	7.981	2141	2143	2146	rBV2	1315	829	0.01%	0.002%
46	8.225	2211	2219	2230	rBV7	14189	25620	0.40%	0.071%
47	8.338	2234	2254	2288	rBV	819792	2031568	31.91%	5.648%
48	8.640	2346	2348	2352	rBV3	1856	1454	0.02%	0.004%
49	9.090	2475	2488	2516	rBV	1136125	2267035	35.61%	6.303%
50	9.389	2572	2581	2592	rBV6	11076	21315	0.33%	0.059%
51	9.495	2611	2614	2618	rVB3	2274	1715	0.03%	0.005%
52	9.643	2658	2660	2666	rVB4	1354	913	0.01%	0.003%
53	9.784	2693	2704	2717	rBV2	16085	33371	0.52%	0.093%
54	9.836	2717	2720	2724	rVB2	1943	1306	0.02%	0.004%
55	9.900	2736	2740	2744	rBV4	1322	1183	0.02%	0.003%
56	10.042	2779	2784	2788	rVB3	730	894	0.01%	0.002%
57	10.084	2788	2797	2799	rBV2	1480	2049	0.03%	0.006%
58	10.103	2799	2803	2807	rVB5	2124	1746	0.03%	0.005%
59	10.129	2807	2811	2815	rBV2	1913	1427	0.02%	0.004%
60	10.174	2817	2825	2826	rBV4	4455	4970	0.08%	0.014%
61	10.238	2841	2845	2848	rVB5	1318	1019	0.02%	0.003%
62	10.373	2884	2887	2890	rVV4	1750	1102	0.02%	0.003%
63	10.437	2895	2907	2932	rVB	918431	1510908	23.73%	4.201%
64	10.604	2954	2959	2965	rVB7	3072	3313	0.05%	0.009%
65	10.653	2970	2974	2975	rBV3	1234	859	0.01%	0.002%
66	10.685	2975	2984	3001	rBV2	25227	53041	0.83%	0.147%
67	10.778	3006	3013	3020	rVB3	11030	15710	0.25%	0.044%
68	10.977	3065	3075	3085	rBV3	9719	19747	0.31%	0.055%
69	11.090	3106	3110	3111	rBV2	1592	1069	0.02%	0.003%
70	11.151	3118	3129	3143	rBV2	38029	63256	0.99%	0.176%
71	11.225	3145	3152	3161	rBV5	7145	11253	0.18%	0.031%

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72	11.334	3180	3186	3187	rBV4	1086	1015	0.02%	0.003%
73	11.431	3212	3216	3220	rVB4	2443	2320	0.04%	0.006%
74	11.485	3220	3233	3252	rBV	1118106	1835429	28.83%	5.103%
75	11.636	3274	3280	3286	rBV7	4995	7009	0.11%	0.019%
76	11.784	3318	3326	3332	rBV7	6988	10048	0.16%	0.028%
77	11.862	3337	3350	3372	rBV	1105550	1836724	28.85%	5.107%
78	11.987	3383	3389	3396	rVB	13006	19352	0.30%	0.054%
79	12.431	3514	3527	3535	rBV7	18076	30255	0.48%	0.084%
80	12.482	3538	3543	3559	rVB4	10148	21917	0.34%	0.061%
81	12.559	3559	3567	3569	rBV7	3207	3781	0.06%	0.011%
82	12.649	3589	3595	3603	rBV4	5839	8800	0.14%	0.024%
83	12.704	3605	3612	3626	rVB2	12785	21954	0.34%	0.061%
84	12.829	3643	3651	3657	rBV9	10160	16599	0.26%	0.046%
85	13.032	3710	3714	3717	rBV3	2515	2010	0.03%	0.006%
86	13.122	3730	3742	3751	rBV5	26759	46174	0.73%	0.128%
87	13.186	3753	3762	3777	rVB3	58930	97512	1.53%	0.271%
88	13.292	3786	3795	3811	rVB2	72268	120403	1.89%	0.335%
89	13.739	3921	3934	3963	rBV	4024160	6365848	100.00%	17.699%
90	14.144	4052	4060	4066	rBV	10465	19627	0.31%	0.055%
91	14.466	4153	4160	4168	rBV4	17597	30889	0.49%	0.086%
92	14.588	4192	4198	4202	rBV7	8371	11966	0.19%	0.033%
93	14.874	4275	4287	4316	rBV	1591396	2493939	39.18%	6.934%
94	15.058	4333	4344	4366	rBV	1050316	1708614	26.84%	4.751%
95	15.607	4506	4515	4528	rBV	112845	201694	3.17%	0.561%
96	15.800	4568	4575	4582	rBV	56328	78739	1.24%	0.219%
97	15.913	4602	4610	4628	rBV3	123588	223744	3.51%	0.622%
98	16.058	4646	4655	4662	rBV2	248821	399412	6.27%	1.111%
99	16.260	4710	4718	4720	rBV5	40403	54773	0.86%	0.152%
100	16.524	4791	4800	4817	rBV	141238	279803	4.40%	0.778%

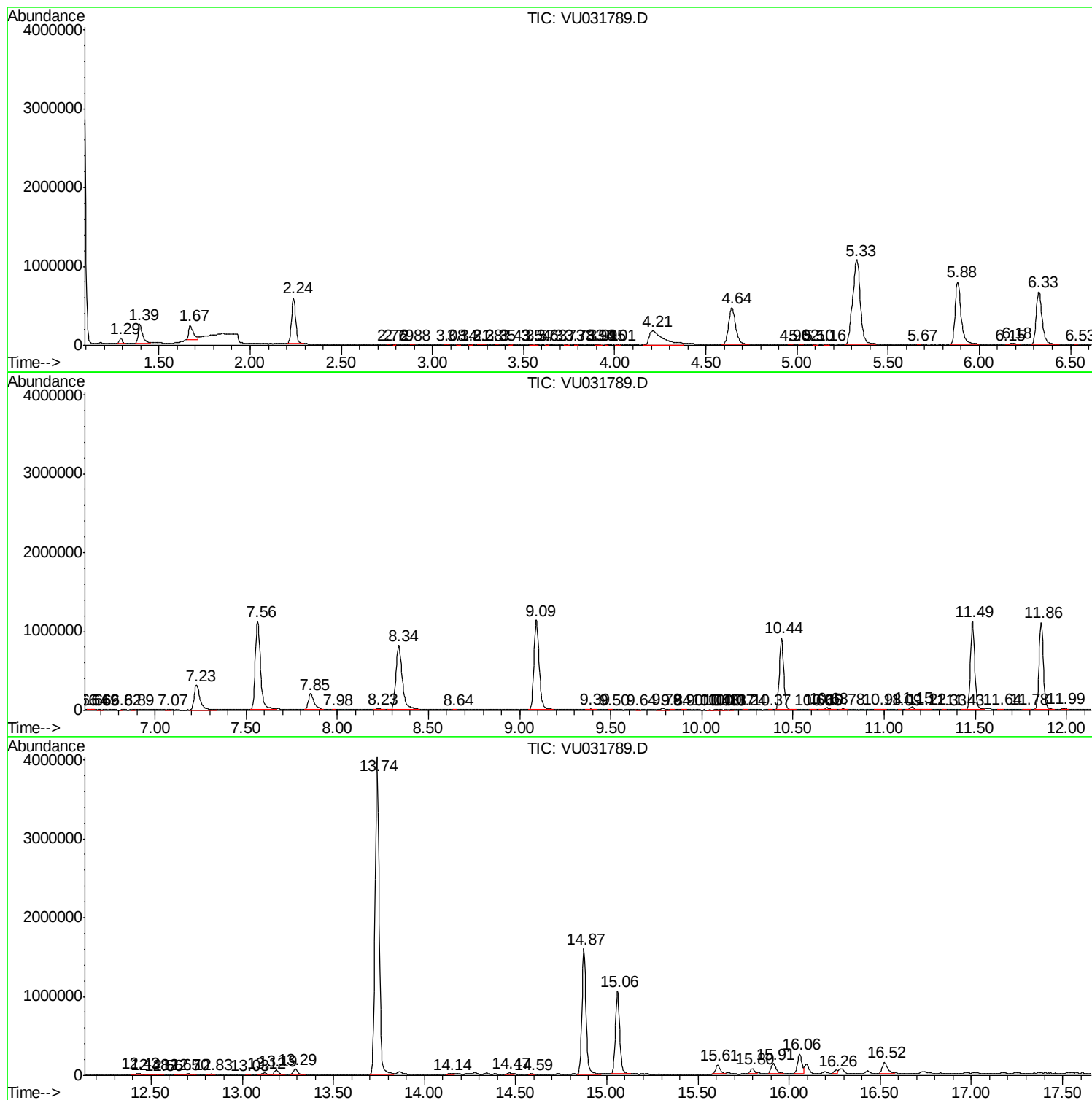
Sum of corrected areas: 35966581

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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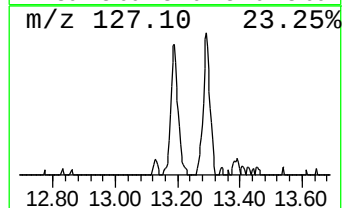
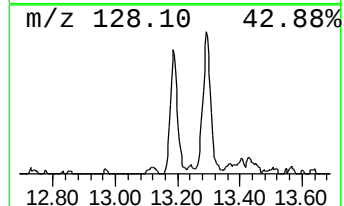
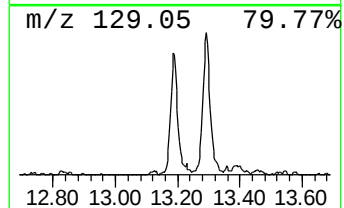
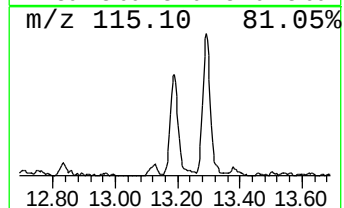
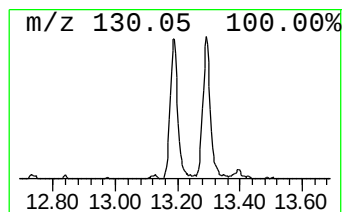
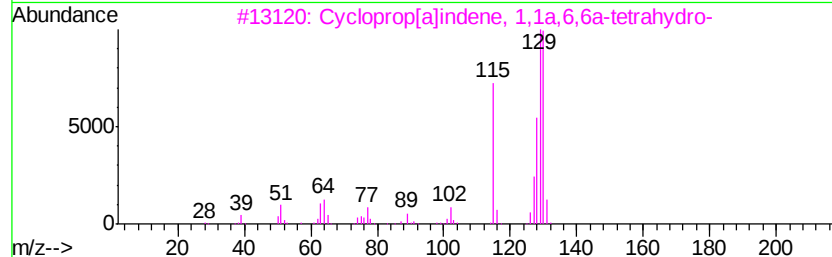
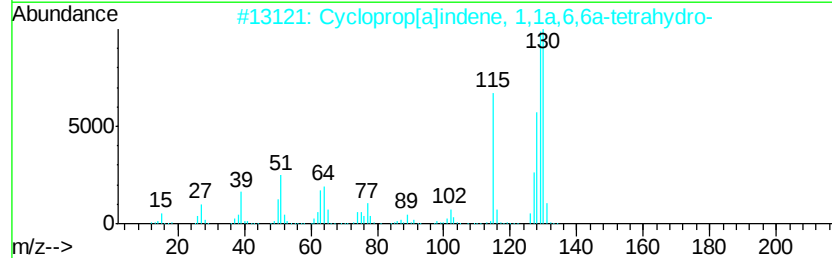
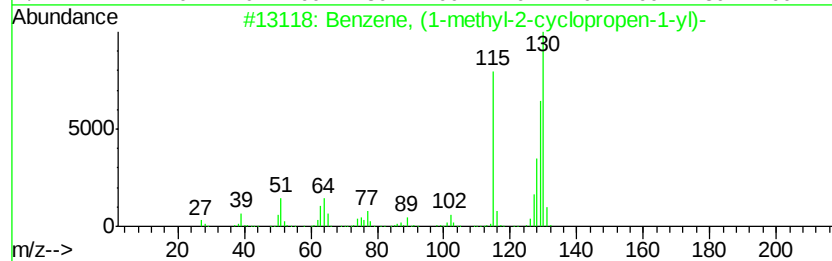
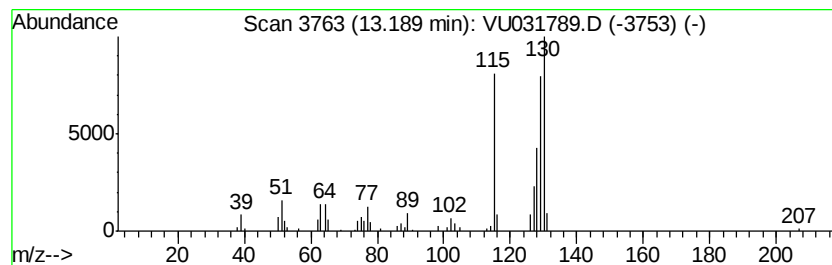
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.66 ug/L	97512	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4		2-Methylindene	130	C10H10	002177-47-1	95
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



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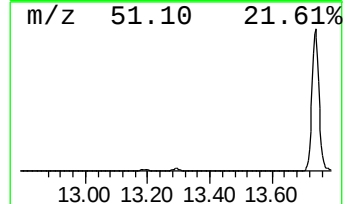
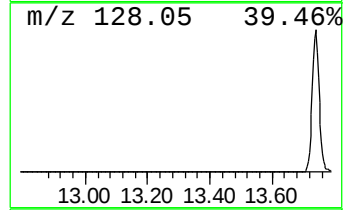
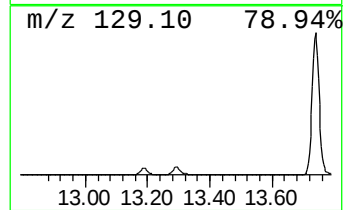
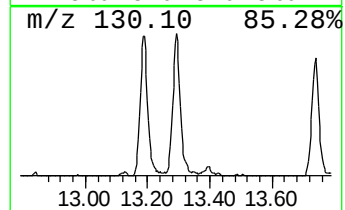
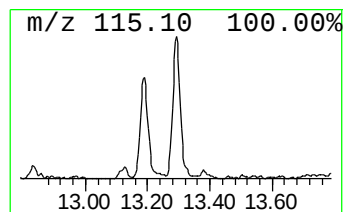
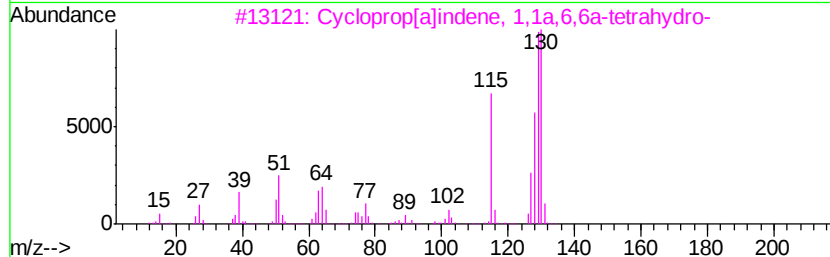
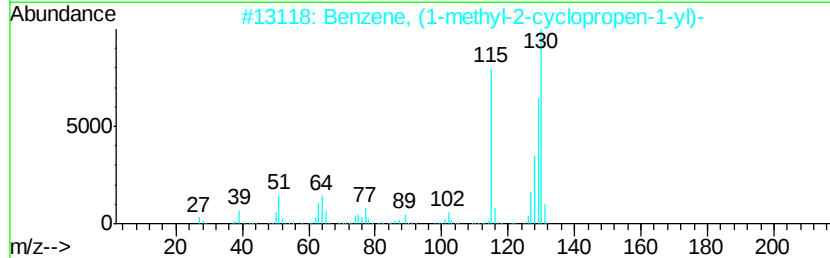
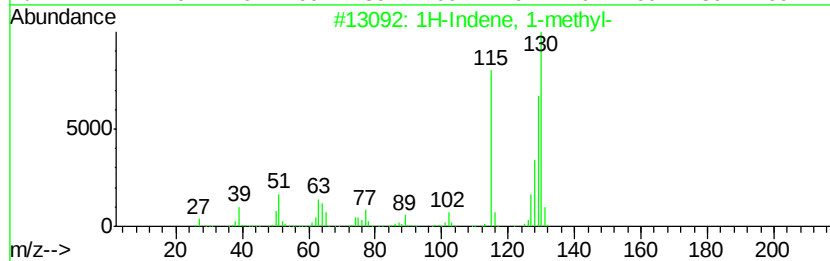
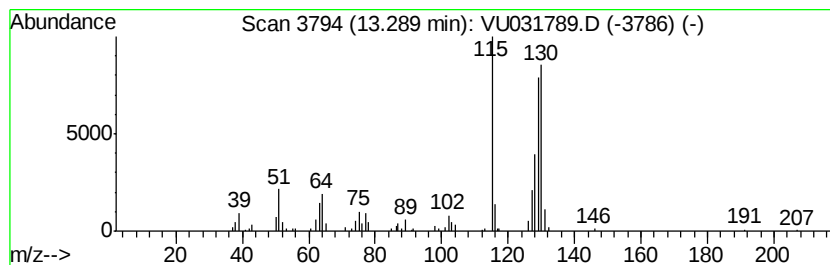
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.28 ug/L	120403	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3			Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4			2-Methylindene	130	C10H10	002177-47-1	94
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



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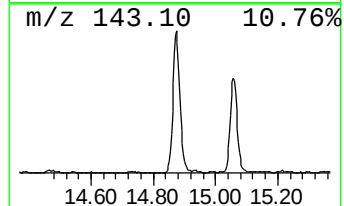
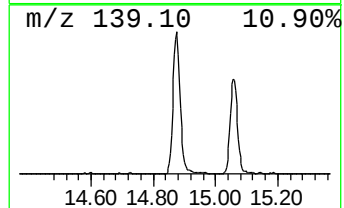
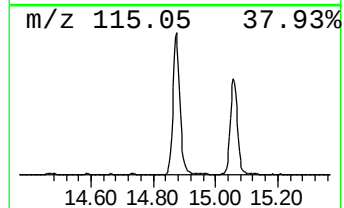
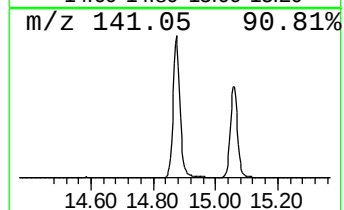
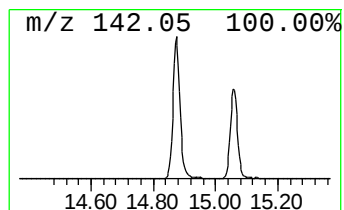
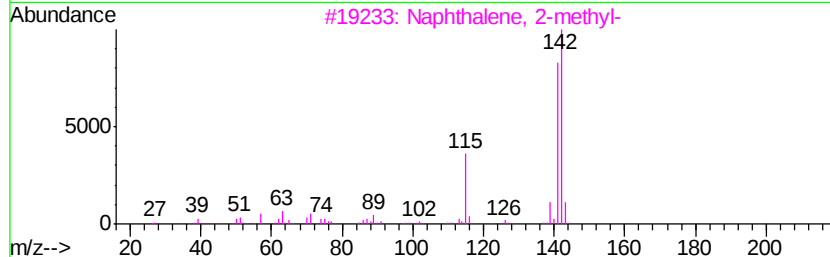
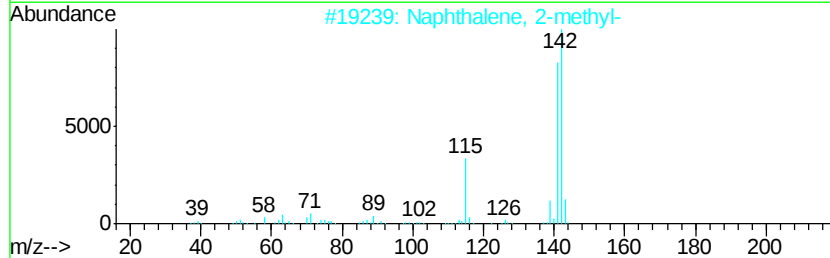
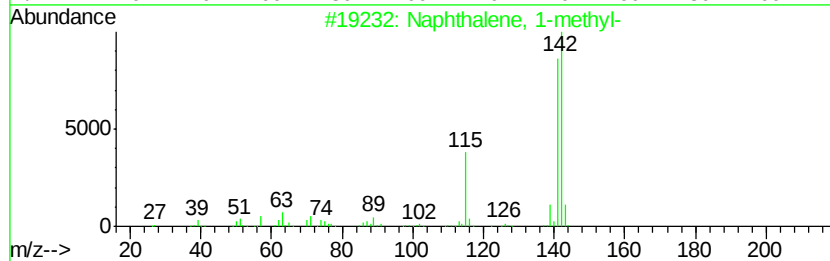
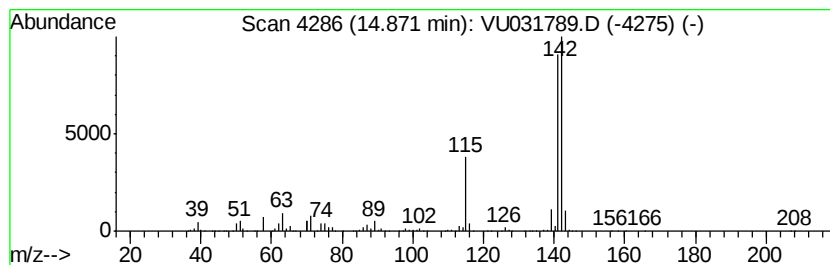
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	67.94 ug/L	2493940	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031789.D
Acq On : 06 May 2019 19:03
Operator : JC/SP
Sample : K2634-05
Misc : 5.07µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJB4

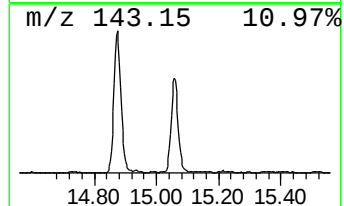
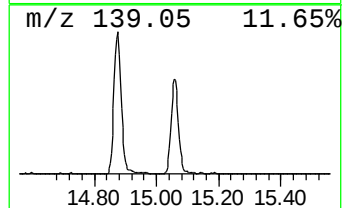
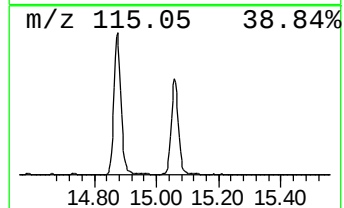
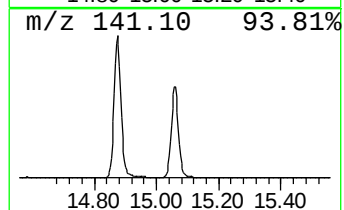
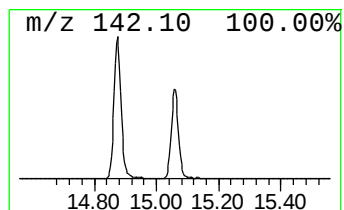
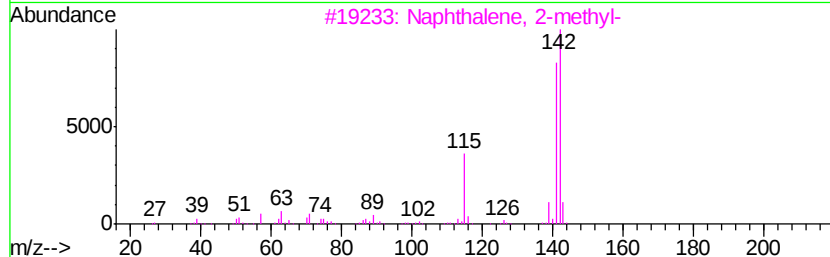
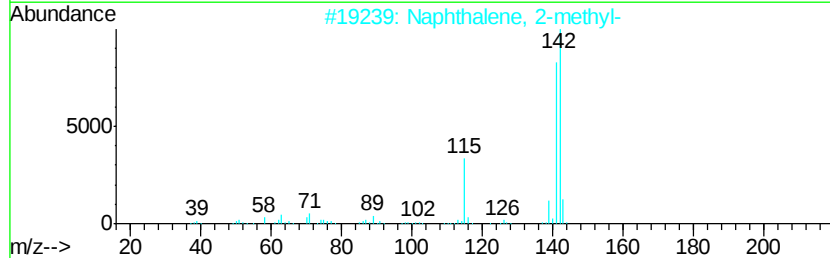
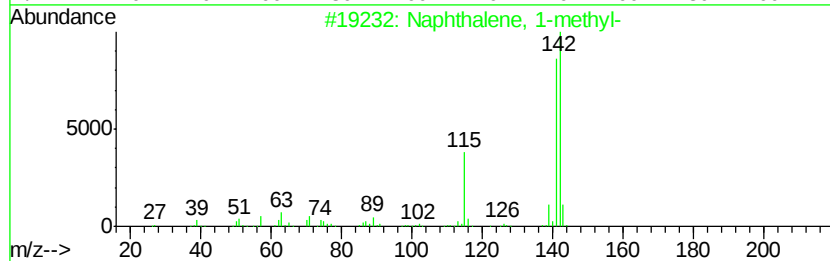
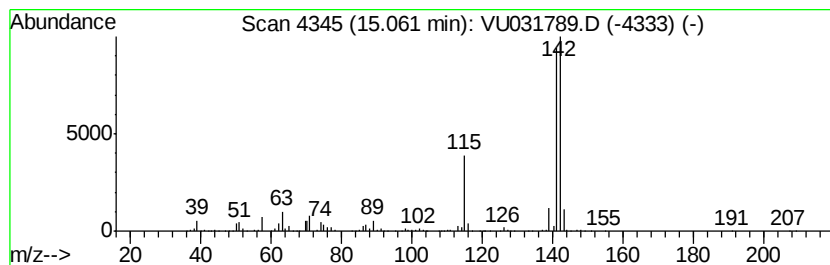
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Quant Title : VOC Analysis

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

Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	46.55 ug/L	1708610	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031789.D
Acq On : 06 May 2019 19:03
Operator : JC/SP
Sample : K2634-05
Misc : 5.07µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJB4

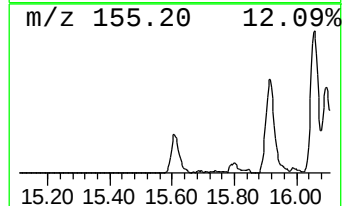
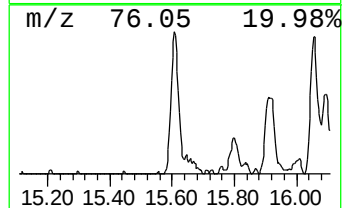
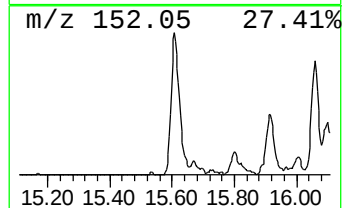
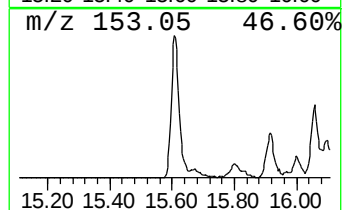
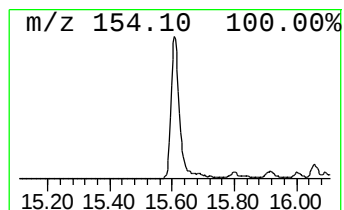
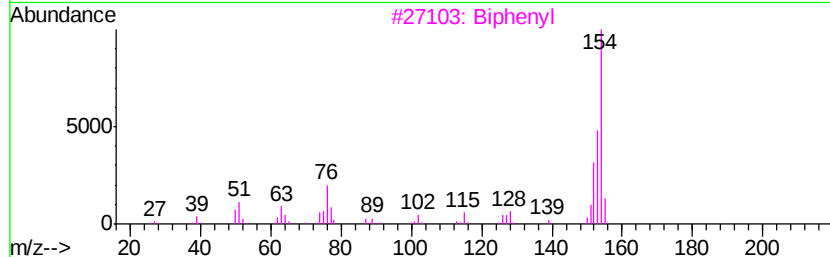
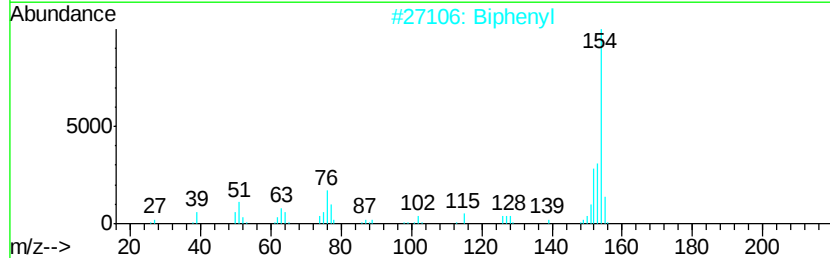
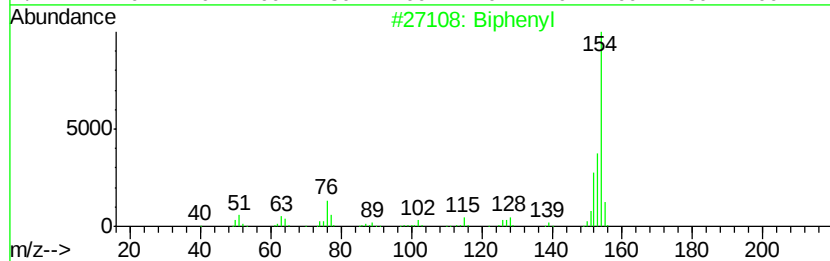
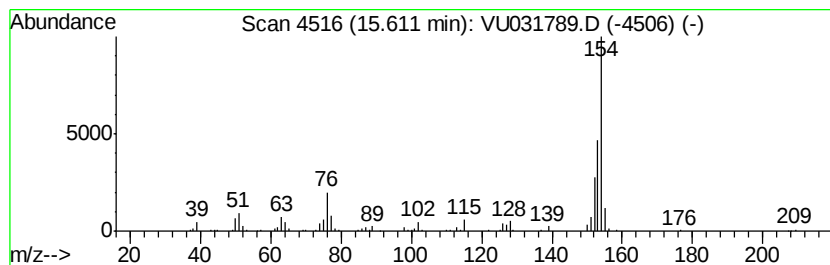
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Quant Title : VOC Analysis

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

Peak Number 7 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	5.49 ug/L	201694	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	94
2	Biphenyl		154	C12H10	000092-52-4	94
3	Biphenyl		154	C12H10	000092-52-4	94
4	Biphenyl		154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031789.D
Acq On : 06 May 2019 19:03
Operator : JC/SP
Sample : K2634-05
Misc : 5.07µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

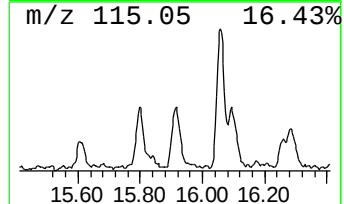
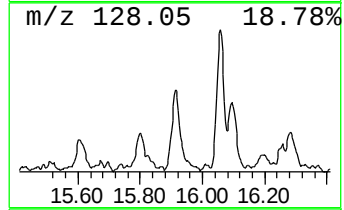
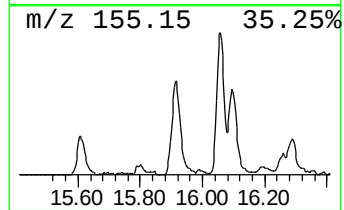
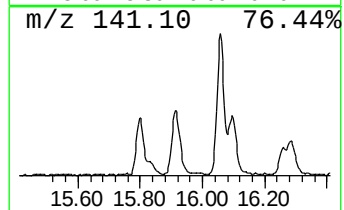
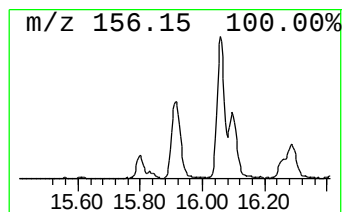
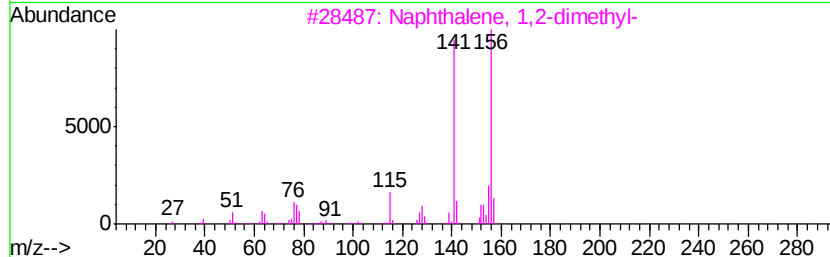
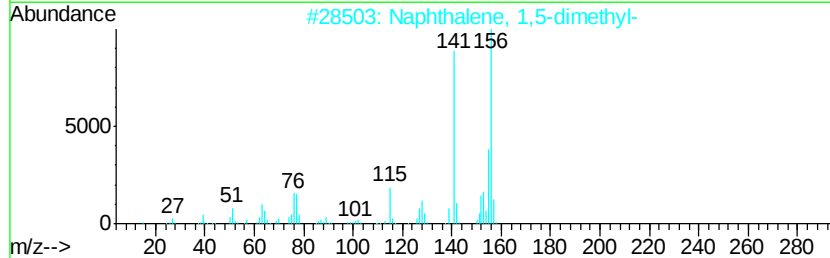
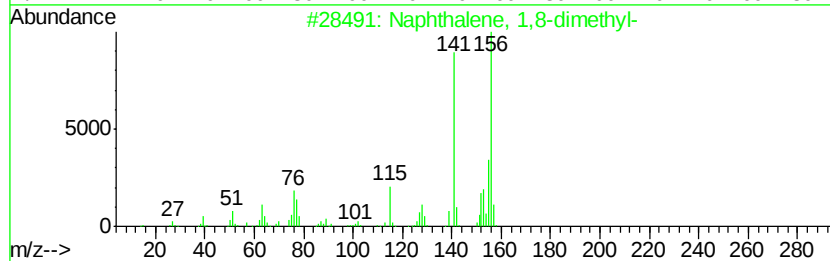
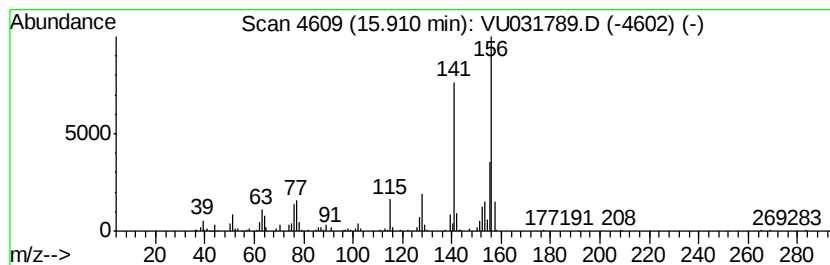
Instrument :
MSVOA_U
ClientSampleId :
GAJB4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.91	6.10 ug/L	223744	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031789.D
Acq On : 06 May 2019 19:03
Operator : JC/SP
Sample : K2634-05
Misc : 5.07µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJB4

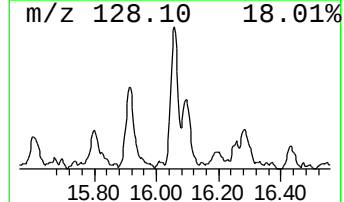
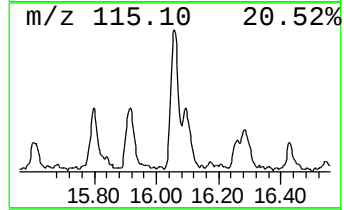
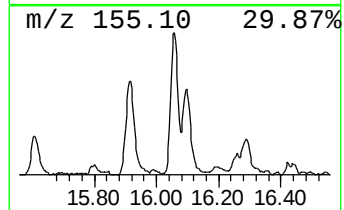
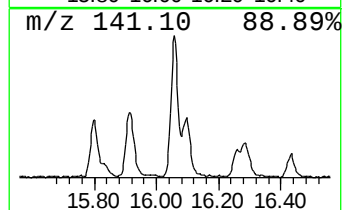
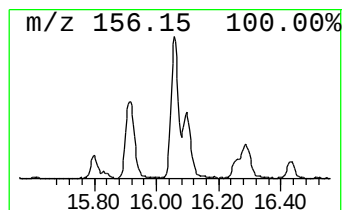
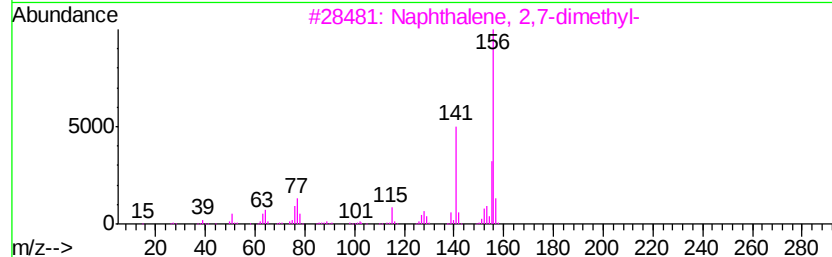
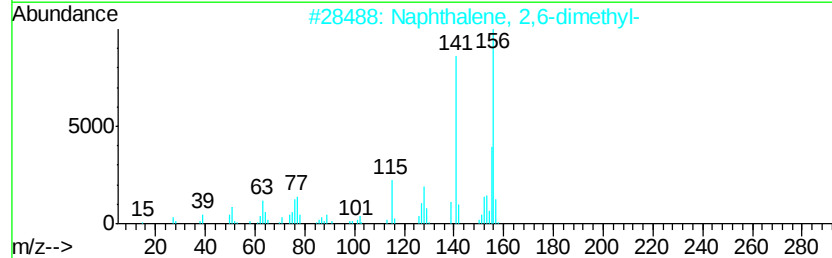
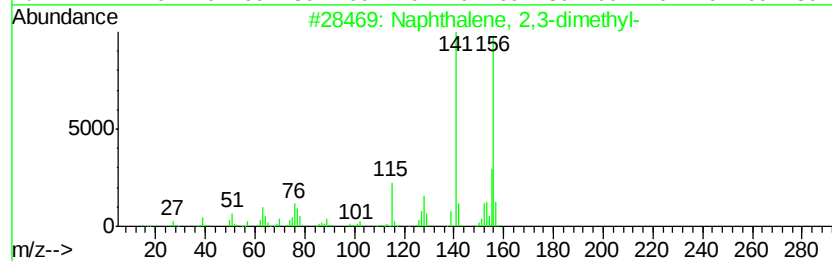
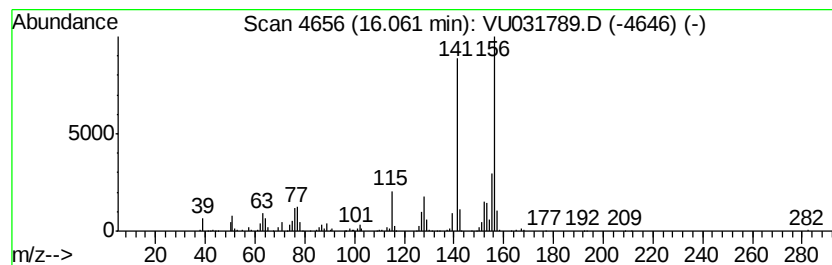
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	10.88 ug/L	399412	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031789.D
Acq On : 06 May 2019 19:03
Operator : JC/SP
Sample : K2634-05
Misc : 5.07µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJB4

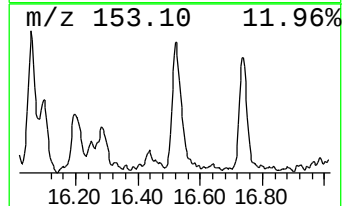
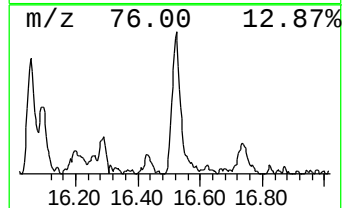
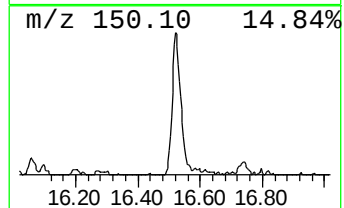
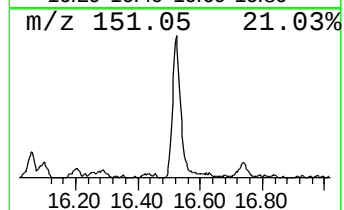
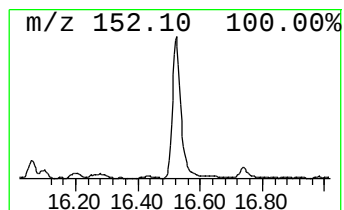
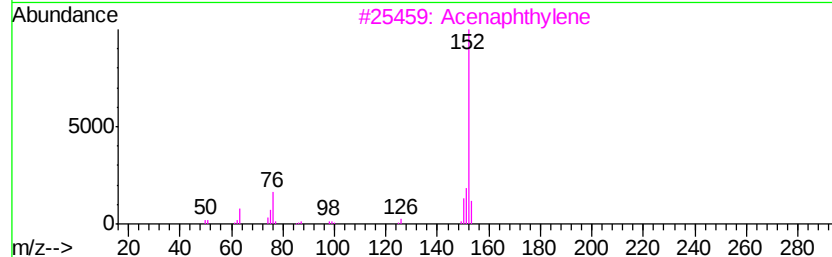
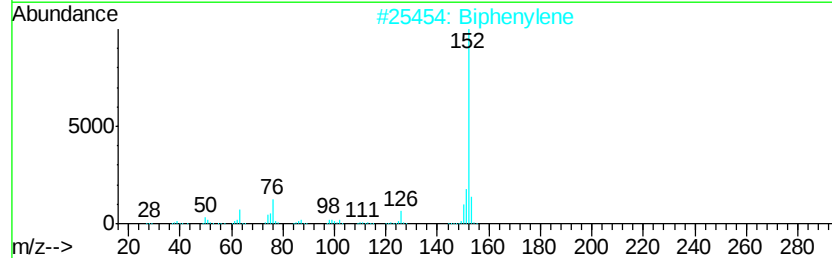
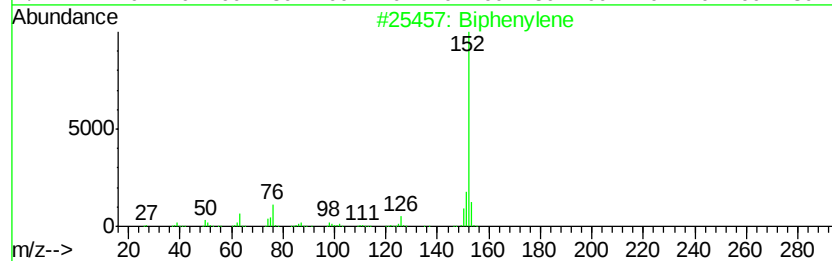
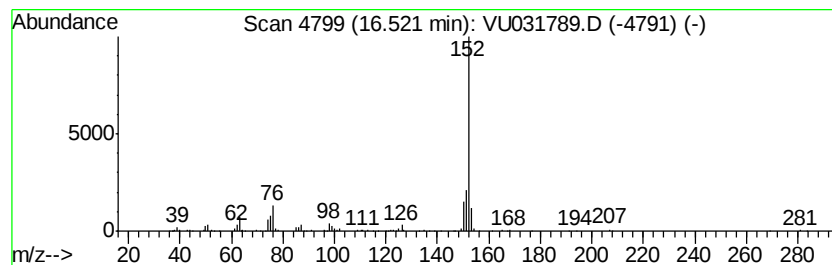
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Quant Title : VOC Analysis

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

Peak Number 10 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	7.62 ug/L	279803	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene		152	C12H8	000259-79-0	94
2	Biphenylene		152	C12H8	000259-79-0	94
3	Acenaphthylene		152	C12H8	000208-96-8	87
4	Biphenylene		152	C12H8	000259-79-0	68
5	Biphenylene		152	C12H8	000259-79-0	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050619\
Data File : VU031789.D
Acq On : 06 May 2019 19:03
Operator : JC/SP
Sample : K2634-05
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJB4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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-methy...	13.19	2.7	ug/L	97512	3	11.49	1835430	50.0
1H-Indene, 1-methyl-	13.29	3.3	ug/L	120403	3	11.49	1835430	50.0
Naphthalene, 1-me...	14.87	67.9	ug/L	2493940	3	11.49	1835430	50.0
1,4-Methanonaphth...	15.06	46.5	ug/L	1708610	3	11.49	1835430	50.0
Biphenyl	15.61	5.5	ug/L	201694	3	11.49	1835430	50.0
Naphthalene, 1,8-...	15.91	6.1	ug/L	223744	3	11.49	1835430	50.0
Naphthalene, 2,3-...	16.06	10.9	ug/L	399412	3	11.49	1835430	50.0
Biphenylene	16.52	7.6	ug/L	279803	3	11.49	1835430	50.0