

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003752.D
 Acq On : 14 Dec 2020 16:55
 Operator : SY/MD
 Sample : VIBLK62
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK62

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_Y\METHODS\SOM2YLM121420S.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	1.869	6	8	13	rVB2	1369	1257	0.08%	0.010%
2	2.058	35	39	42	rBV2	1470	2401	0.15%	0.019%
3	2.119	45	49	55	rBV3	1779	3200	0.20%	0.025%
4	2.192	59	61	62	rBV2	590	465	0.03%	0.004%
5	2.247	62	70	82	rBV	124372	200209	12.46%	1.565%
6	2.388	92	93	96	rVB2	752	642	0.04%	0.005%
7	2.448	100	103	104	rBV3	611	650	0.04%	0.005%
8	2.467	104	106	107	rBV2	1037	611	0.04%	0.005%
9	2.534	110	117	119	rBV5	4222	8964	0.56%	0.070%
10	2.705	143	145	148	rBV3	753	682	0.04%	0.005%
11	2.765	148	155	169	rVV	86485	175827	10.94%	1.374%
12	2.881	172	174	176	rVV3	737	503	0.03%	0.004%
13	2.918	176	180	184	rVV6	663	1221	0.08%	0.010%
14	3.009	192	195	199	rBV5	764	1174	0.07%	0.009%
15	3.083	205	207	210	rVB3	620	569	0.04%	0.004%
16	3.137	213	216	219	rVV2	868	1111	0.07%	0.009%
17	3.253	232	235	236	rBV3	815	778	0.05%	0.006%
18	3.369	250	254	256	rBV3	408	541	0.03%	0.004%
19	3.387	256	257	261	rVV3	362	470	0.03%	0.004%
20	3.521	277	279	282	rVB4	477	553	0.03%	0.004%
21	3.662	299	302	304	rVV3	544	568	0.04%	0.004%
22	3.759	313	318	319	rVV3	337	454	0.03%	0.004%
23	3.857	324	334	349	rVV	197649	533823	33.21%	4.172%
24	3.954	349	350	356	rVB5	1607	2236	0.14%	0.017%
25	4.210	387	392	393	rBV3	1468	2365	0.15%	0.018%
26	4.430	424	428	430	rBV2	380	562	0.03%	0.004%
27	4.661	461	466	467	rBV3	565	563	0.04%	0.004%
28	4.729	467	477	492	rBV2	12996	42533	2.65%	0.332%
29	4.918	503	508	509	rVV3	893	1091	0.07%	0.009%
30	4.948	509	513	524	rVB5	1727	4866	0.30%	0.038%
31	5.216	554	557	559	rBV2	410	563	0.04%	0.004%
32	5.570	608	615	616	rBV3	1347	2289	0.14%	0.018%
33	5.753	636	645	655	rVB6	3266	10575	0.66%	0.083%
34	6.076	694	698	702	rVB3	428	719	0.04%	0.006%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Title : VOC Analysis

35	6.899	822	833	842	rBV2	64843	186597	11.61%	1.458%
36	6.996	842	849	871	rVB	30820	108132	6.73%	0.845%
37	7.216	884	885	887	rBV2	737	485	0.03%	0.004%
38	7.484	918	929	941	rVV	212978	524828	32.65%	4.102%
39	7.588	945	946	951	rVB4	780	918	0.06%	0.007%
40	7.691	954	963	973	rVB5	3636	9456	0.59%	0.074%
41	7.771	973	976	977	rBV3	739	813	0.05%	0.006%
42	7.795	978	980	985	rVB3	792	980	0.06%	0.008%
43	7.886	991	995	997	rBV2	580	836	0.05%	0.007%
44	8.118	1022	1033	1047	rBV3	546967	1607299	100.00%	12.561%
45	8.246	1050	1054	1059	rVB5	1034	1684	0.10%	0.013%
46	8.319	1063	1066	1068	rVB4	726	807	0.05%	0.006%
47	8.472	1087	1091	1093	rBV4	769	1078	0.07%	0.008%
48	8.533	1097	1101	1106	rBV7	888	1181	0.07%	0.009%
49	8.594	1109	1111	1114	rBV3	438	500	0.03%	0.004%
50	8.630	1115	1117	1119	rVB3	676	654	0.04%	0.005%
51	8.697	1119	1128	1138	rBV	399259	796146	49.53%	6.222%
52	8.777	1139	1141	1145	rVB5	1020	1040	0.06%	0.008%
53	8.929	1159	1166	1172	rBV	19642	38944	2.42%	0.304%
54	8.996	1175	1177	1179	rVB2	748	711	0.04%	0.006%
55	9.027	1179	1182	1184	rBV4	626	844	0.05%	0.007%
56	9.069	1186	1189	1190	rBV3	645	524	0.03%	0.004%
57	9.124	1190	1198	1208	rBV	309004	622086	38.70%	4.862%
58	9.258	1218	1220	1221	rVB2	1071	643	0.04%	0.005%
59	9.380	1234	1240	1241	rBV5	1773	3764	0.23%	0.029%
60	9.490	1256	1258	1259	rBV2	2437	1800	0.11%	0.014%
61	9.831	1312	1314	1316	rVV3	2110	1340	0.08%	0.010%
62	9.892	1317	1324	1333	rVB	209783	364642	22.69%	2.850%
63	10.063	1350	1352	1353	rBV2	1763	1303	0.08%	0.010%
64	10.179	1363	1371	1380	rBV	684876	1173743	73.03%	9.173%
65	10.435	1407	1413	1424	rVB	138937	240499	14.96%	1.880%
66	10.581	1430	1437	1445	rVB	114232	208528	12.97%	1.630%
67	10.709	1454	1458	1464	rVB9	4042	7705	0.48%	0.060%
68	10.788	1464	1471	1479	rBV	277176	451729	28.10%	3.530%
69	10.953	1492	1498	1508	rBV2	43332	88309	5.49%	0.690%
70	11.270	1548	1550	1551	rBV2	2432	2007	0.12%	0.016%
71	11.319	1552	1558	1565	rVV	55139	93538	5.82%	0.731%

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72	11.490	1579	1586	1595	rVB	619329	992474	61.75%	7.756%
73	12.434	1721	1741	1743	rBV7	40097	188171	11.71%	1.471%
74	12.489	1745	1750	1756	rVV	120462	266334	16.57%	2.081%
75	12.563	1756	1762	1769	rVB	286819	489345	30.45%	3.824%
76	12.965	1814	1828	1840	rBV5	114702	561273	34.92%	4.386%
77	13.117	1840	1853	1860	rVB4	44952	210936	13.12%	1.648%
78	13.422	1897	1903	1912	rBV	664514	1032431	64.23%	8.068%
79	13.575	1922	1928	1930	rBV3	12573	26589	1.65%	0.208%
80	13.678	1937	1945	1946	rBV5	24516	65978	4.10%	0.516%
81	13.721	1947	1952	1959	rVB	646882	1003091	62.41%	7.839%
82	13.965	1988	1992	1996	rBV	18169	28105	1.75%	0.220%
83	14.038	2000	2004	2021	rVB4	20514	64849	4.03%	0.507%
84	14.440	2065	2070	2072	rBV5	7272	12671	0.79%	0.099%
85	14.672	2104	2108	2114	rBV7	8040	20306	1.26%	0.159%
86	14.879	2136	2142	2148	rBV5	8781	22101	1.38%	0.173%
87	15.050	2164	2170	2178	rVB10	12177	29449	1.83%	0.230%
88	15.312	2206	2213	2219	rVB6	15768	40084	2.49%	0.313%
89	15.422	2223	2231	2242	rVB6	14016	49073	3.05%	0.384%
90	15.519	2242	2247	2254	rVB6	6938	15003	0.93%	0.117%
91	15.720	2278	2280	2281	rBV2	4374	3130	0.19%	0.024%
92	15.818	2291	2296	2301	rVB8	4868	9204	0.57%	0.072%
93	15.879	2301	2306	2307	rBV3	8185	10997	0.68%	0.086%
94	16.031	2324	2331	2336	rBV10	6817	16910	1.05%	0.132%
95	16.226	2357	2363	2369	rBV10	6477	15967	0.99%	0.125%
96	16.287	2369	2373	2379	rVV3	10904	21135	1.31%	0.165%
97	16.336	2379	2381	2391	rVB10	4714	12666	0.79%	0.099%
98	16.415	2391	2394	2397	rBV5	1796	1986	0.12%	0.016%
99	16.489	2399	2406	2413	rBV4	15211	33664	2.09%	0.263%
100	16.781	2452	2454	2455	rBV2	978	778	0.05%	0.006%

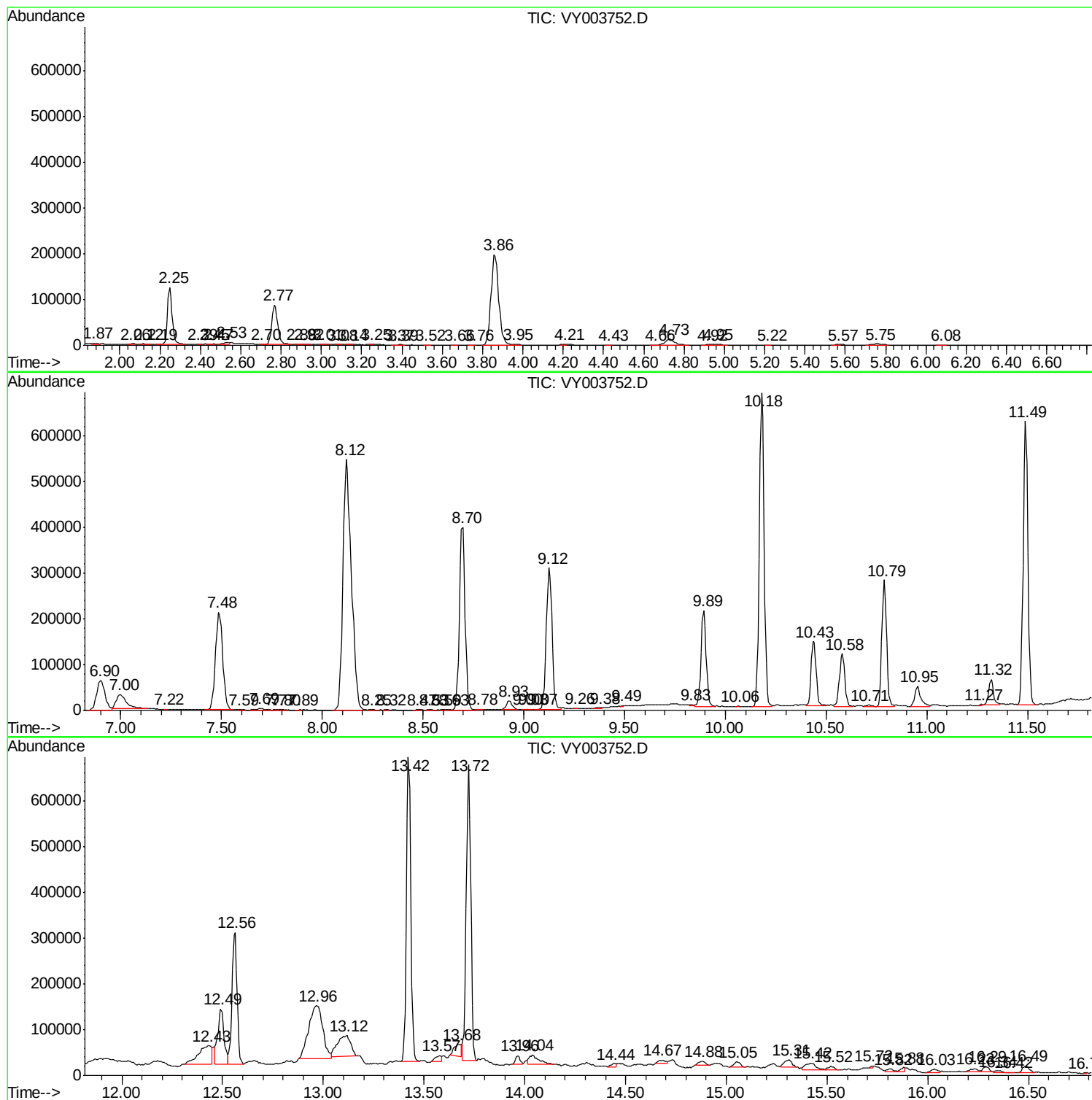
Sum of corrected areas: 12795828

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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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



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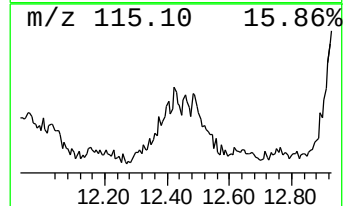
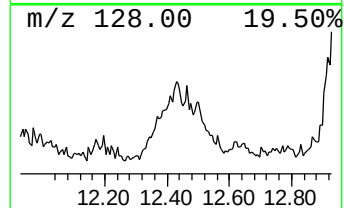
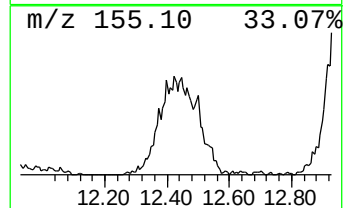
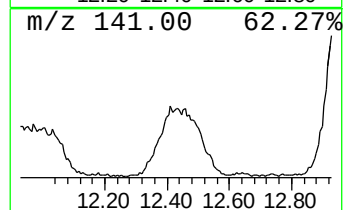
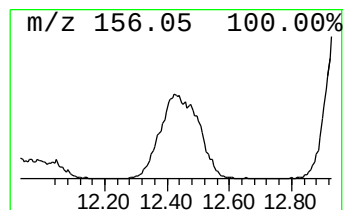
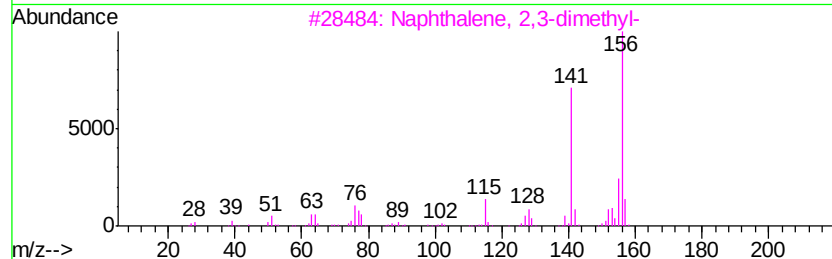
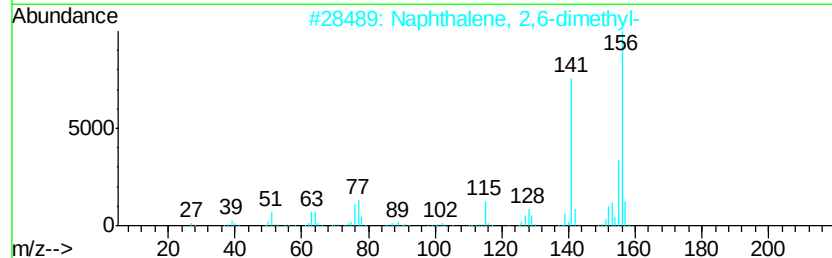
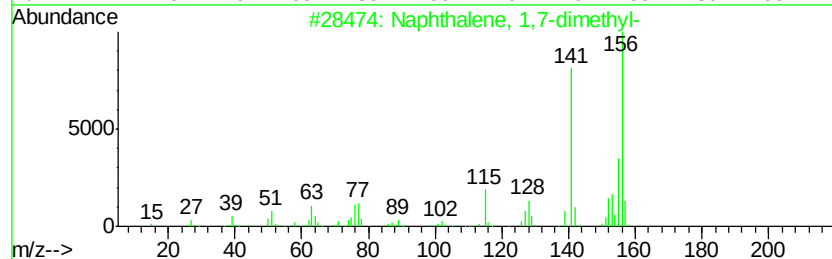
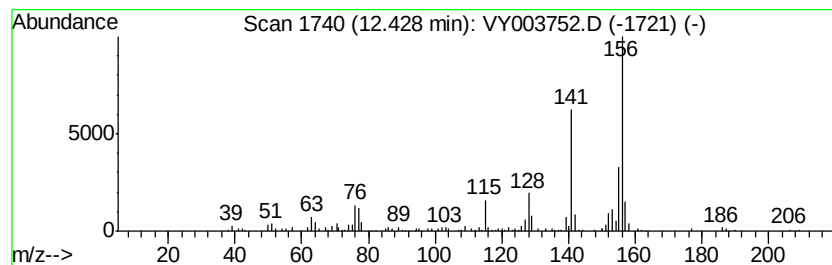
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.43	4.74 ug/L	188171	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene,	2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene,	2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene,	1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene,	1,7-dimethyl-	156	C12H12	000575-37-1	96



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ALS Vial : 15 Sample Multiplier: 1

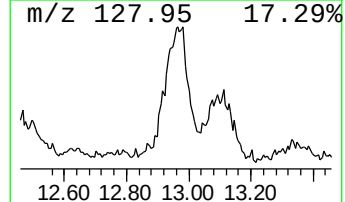
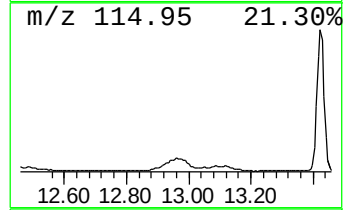
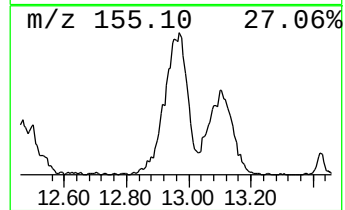
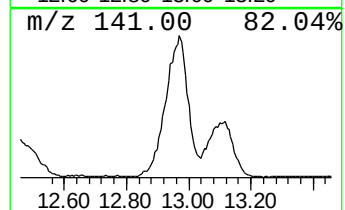
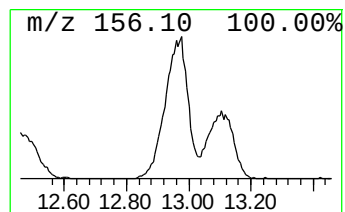
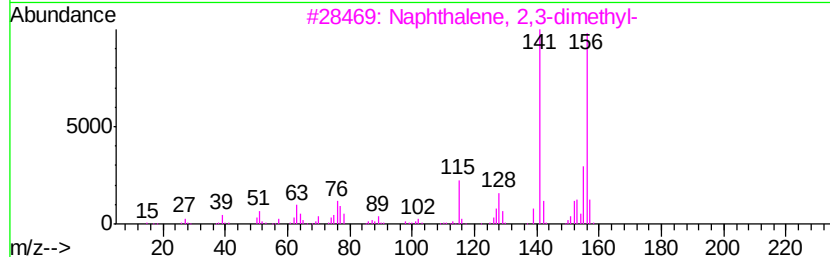
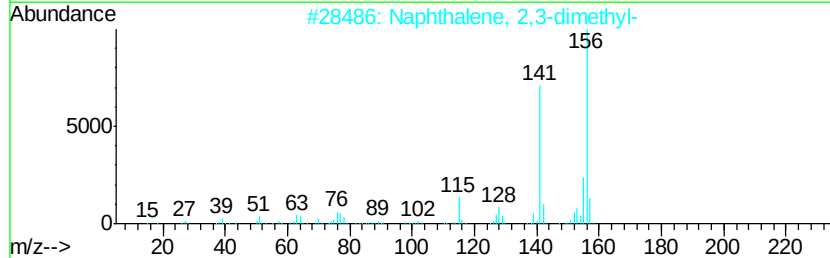
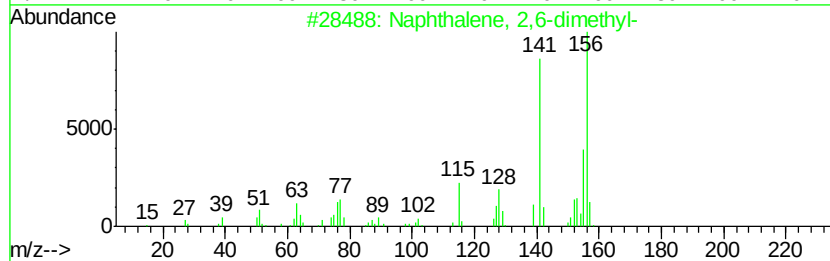
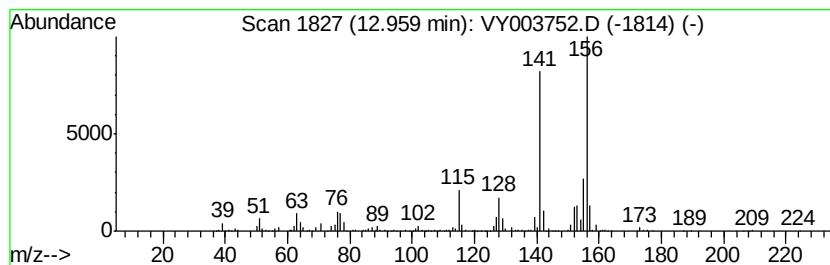
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	13.59 ug/L	561273	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



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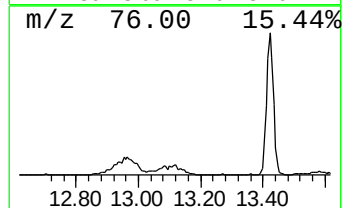
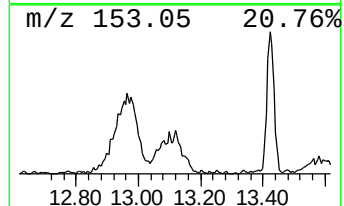
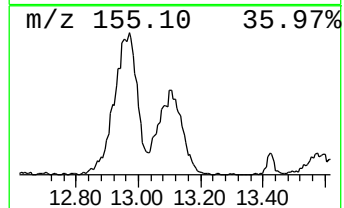
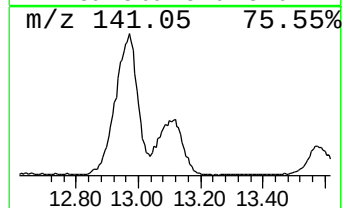
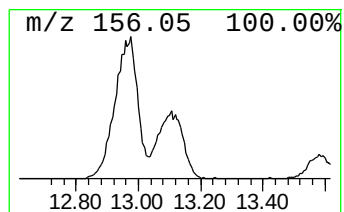
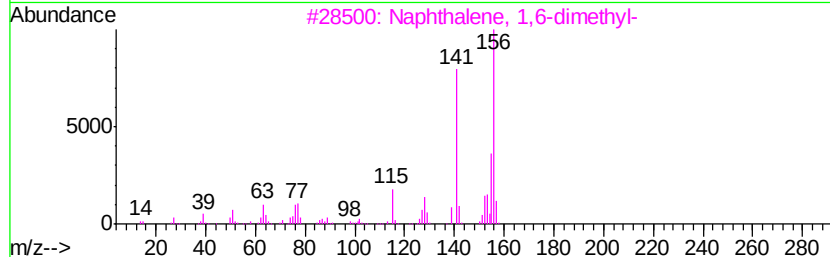
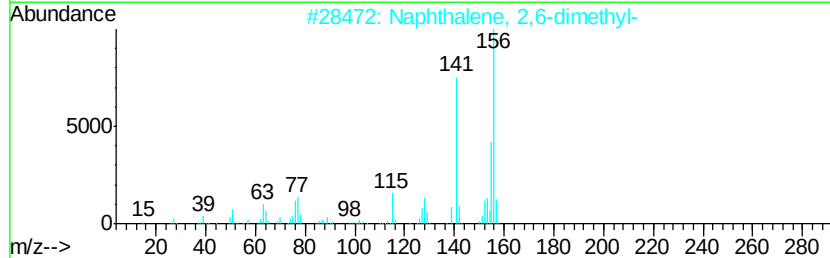
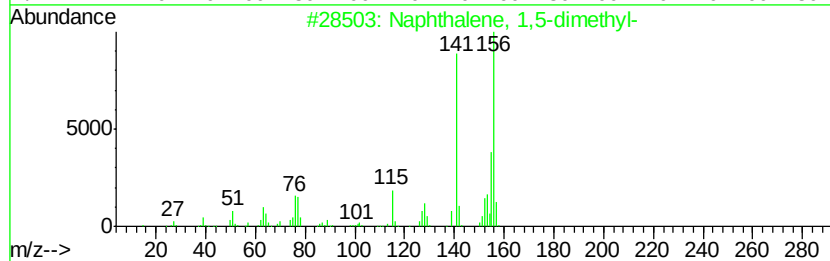
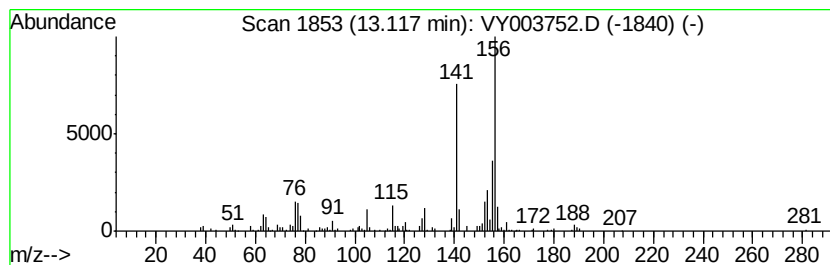
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Quant Title : VOC Analysis

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Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.12	5.11 ug/L	210936	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003752.D
Acq On : 14 Dec 2020 16:55
Operator : SY/MD
Sample : VIBLK62
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK62

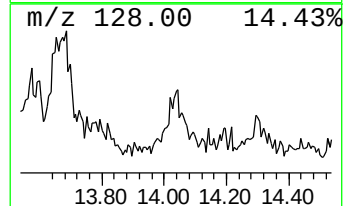
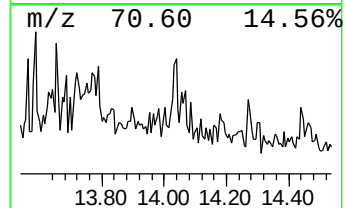
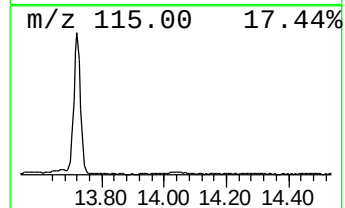
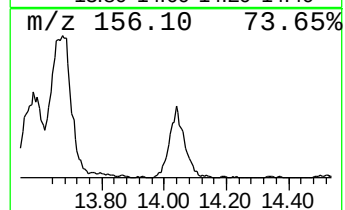
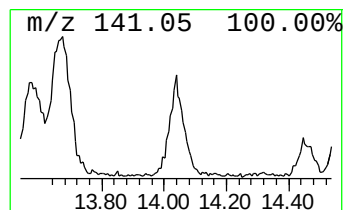
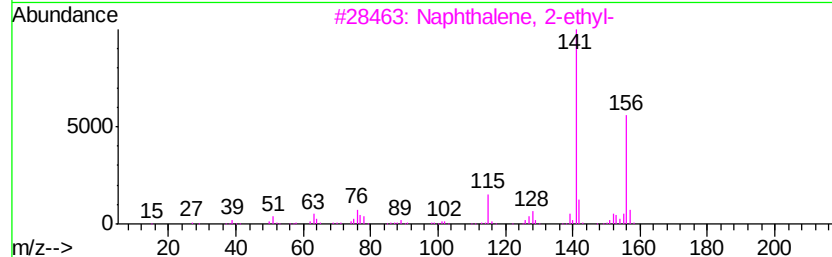
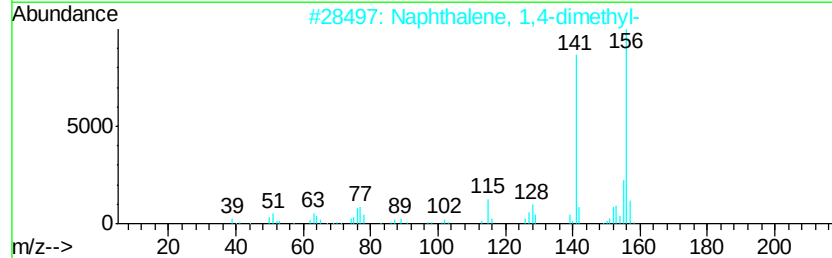
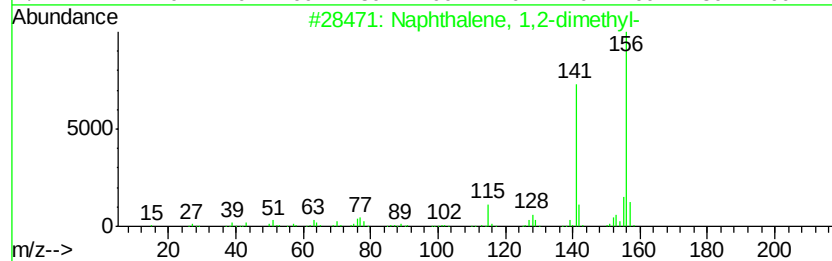
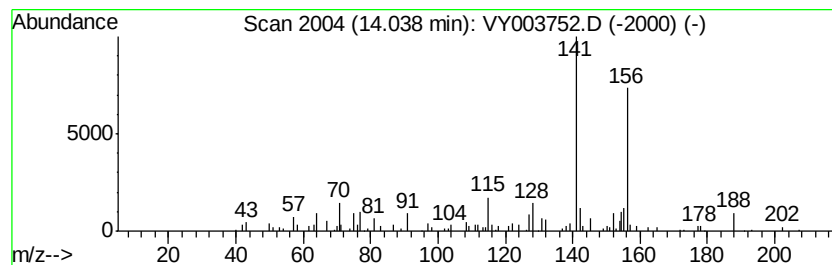
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	1.57 ug/L	64849	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	72
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003752.D
Acq On : 14 Dec 2020 16:55
Operator : SY/MD
Sample : VIBLK62
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK62

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.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
Naphthalene, 1,7-...	12.43	4.7	ug/L	188171	2	11.49	992474	25.0
Naphthalene, 2,6-...	12.96	13.6	ug/L	561273	3	13.42	1032430	25.0
Naphthalene, 1,5-...	13.12	5.1	ug/L	210936	3	13.42	1032430	25.0
Naphthalene, 1,2-...	14.04	1.6	ug/L	64849	3	13.42	1032430	25.0