

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073120\
 Data File : VW016024.D
 Acq On : 31 Jul 2020 16:59
 Operator : SY/VA
 Sample : VIBLK26
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK26

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_W\METHOD\SOM2WLM072020S.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	2.148	38	40	41	rBV2	778	561	0.04%	0.005%
2	2.215	49	51	52	rBV2	741	646	0.05%	0.005%
3	2.306	64	66	67	rBV2	751	580	0.04%	0.005%
4	2.355	67	74	87	rVB	72598	137913	10.00%	1.158%
5	2.495	94	97	99	rBV3	1072	1271	0.09%	0.011%
6	2.897	154	163	178	rBV	57194	148420	10.77%	1.247%
7	3.032	184	185	189	rVV3	999	885	0.06%	0.007%
8	3.068	189	191	192	rVB2	989	518	0.04%	0.004%
9	3.208	212	214	217	rVB2	541	434	0.03%	0.004%
10	3.239	217	219	220	rBV	603	535	0.04%	0.004%
11	3.342	234	236	237	rBV2	596	467	0.03%	0.004%
12	3.391	237	244	253	rVV3	4621	11061	0.80%	0.093%
13	3.501	260	262	263	rBV2	713	503	0.04%	0.004%
14	3.678	288	291	296	rVB4	1173	1883	0.14%	0.016%
15	3.757	302	304	307	rVB2	749	734	0.05%	0.006%
16	3.781	307	308	314	rBV3	476	759	0.06%	0.006%
17	3.830	314	316	319	rVV	290	352	0.03%	0.003%
18	4.013	334	346	362	rBV	148983	427384	31.00%	3.589%
19	4.123	362	364	374	rVB3	1946	4053	0.29%	0.034%
20	4.245	379	384	386	rVB2	239	274	0.02%	0.002%
21	4.300	391	393	397	rVB2	253	297	0.02%	0.002%
22	4.391	401	408	418	rVB4	1172	3555	0.26%	0.030%
23	4.611	441	444	446	rBV	267	226	0.02%	0.002%
24	4.684	452	456	460	rVB3	496	712	0.05%	0.006%
25	4.781	469	472	475	rBV2	220	338	0.02%	0.003%
26	4.915	482	494	512	rBV	44606	147567	10.70%	1.239%
27	5.043	512	515	518	rVB2	259	348	0.03%	0.003%
28	5.086	518	522	523	rBV2	349	402	0.03%	0.003%
29	5.123	523	528	529	rBV3	1069	1556	0.11%	0.013%
30	5.141	529	531	536	rVB5	680	756	0.05%	0.006%
31	5.257	547	550	552	rBV	279	234	0.02%	0.002%
32	5.367	566	568	569	rBV2	357	331	0.02%	0.003%
33	5.385	569	571	572	rVV2	495	401	0.03%	0.003%
34	5.409	572	575	576	rVV2	798	888	0.06%	0.007%

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35	5.428	576	578	585	rVV5	1102	2165	0.16%	0.018%
36	5.665	616	617	619	rBV	225	218	0.02%	0.002%
37	5.751	622	631	640	rBV5	2746	8097	0.59%	0.068%
38	5.940	652	662	676	rVB3	17611	53375	3.87%	0.448%
39	6.226	704	709	710	rBV2	325	509	0.04%	0.004%
40	6.311	718	723	724	rBV2	259	422	0.03%	0.004%
41	6.433	742	743	749	rVB2	171	253	0.02%	0.002%
42	6.921	816	823	831	rBV6	664	2308	0.17%	0.019%
43	6.994	831	835	839	rVB2	467	752	0.05%	0.006%
44	7.080	839	849	854	rBV	54156	142101	10.31%	1.193%
45	7.147	855	860	877	rVB	65729	177981	12.91%	1.495%
46	7.531	918	923	926	rBV6	701	1182	0.09%	0.010%
47	7.653	932	943	955	rBV	228662	560361	40.65%	4.706%
48	7.762	959	961	964	rVB4	273	277	0.02%	0.002%
49	7.884	974	981	985	rBV6	916	2184	0.16%	0.018%
50	7.958	987	993	999	rVB8	2342	6051	0.44%	0.051%
51	8.049	999	1008	1009	rBV4	528	1087	0.08%	0.009%
52	8.073	1009	1012	1019	rVB4	1249	2345	0.17%	0.020%
53	8.281	1034	1046	1061	rBV2	459375	1378547	100.00%	11.578%
54	8.403	1063	1066	1071	rVV7	1408	2884	0.21%	0.024%
55	8.445	1071	1073	1074	rVV2	449	322	0.02%	0.003%
56	8.470	1074	1077	1079	rVV3	432	417	0.03%	0.004%
57	8.488	1079	1080	1081	rVV	431	292	0.02%	0.002%
58	8.506	1081	1083	1084	rVV2	504	431	0.03%	0.004%
59	8.610	1096	1100	1102	rBV3	507	843	0.06%	0.007%
60	8.695	1108	1114	1117	rBV5	850	1498	0.11%	0.013%
61	8.848	1128	1139	1151	rBV	508710	1006896	73.04%	8.456%
62	8.933	1151	1153	1158	rVV4	953	1542	0.11%	0.013%
63	8.988	1161	1162	1163	rBV	383	244	0.02%	0.002%
64	9.043	1170	1171	1173	rBV2	832	884	0.06%	0.007%
65	9.079	1175	1177	1184	rVV8	2331	5079	0.37%	0.043%
66	9.128	1184	1185	1188	rVB3	600	433	0.03%	0.004%
67	9.280	1200	1210	1220	rBV	313116	645392	46.82%	5.420%
68	9.421	1231	1233	1236	rBV4	554	500	0.04%	0.004%
69	9.463	1239	1240	1243	rVB3	608	287	0.02%	0.002%
70	9.537	1249	1252	1255	rBV4	772	922	0.07%	0.008%
71	9.573	1255	1258	1260	rBV4	625	894	0.06%	0.008%

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72	9.610	1263	1264	1266	rBV2	495	402	0.03%	0.003%
73	9.665	1266	1273	1279	rBV4	3915	8652	0.63%	0.073%
74	9.890	1305	1310	1311	rBV4	988	1631	0.12%	0.014%
75	9.933	1311	1317	1321	rVV4	3783	7210	0.52%	0.061%
76	9.988	1323	1326	1327	rVV3	3177	3319	0.24%	0.028%
77	10.036	1327	1334	1345	rVB	158750	292422	21.21%	2.456%
78	10.122	1345	1348	1352	rBV6	1863	3260	0.24%	0.027%
79	10.207	1360	1362	1363	rBV2	2010	2013	0.15%	0.017%
80	10.329	1374	1382	1390	rBV	644302	1138561	82.59%	9.562%
81	10.390	1390	1392	1397	rVB4	4390	6092	0.44%	0.051%
82	10.579	1417	1423	1433	rVB	101441	178567	12.95%	1.500%
83	10.707	1437	1444	1452	rVB	182747	330336	23.96%	2.774%
84	10.853	1465	1468	1474	rVB8	4009	7485	0.54%	0.063%
85	10.927	1474	1480	1494	rBV	207073	367891	26.69%	3.090%
86	11.067	1498	1503	1509	rBV	40837	69992	5.08%	0.588%
87	11.176	1518	1521	1526	rVB5	5649	9503	0.69%	0.080%
88	11.439	1560	1564	1570	rBV	34204	66258	4.81%	0.556%
89	11.536	1571	1580	1581	rBV4	25664	63071	4.58%	0.530%
90	11.634	1590	1596	1610	rVB	746770	1304119	94.60%	10.953%
91	12.609	1751	1756	1762	rBV	106456	185290	13.44%	1.556%
92	12.694	1764	1770	1786	rVB	309082	565315	41.01%	4.748%
93	12.938	1807	1810	1817	rVB3	21707	42034	3.05%	0.353%
94	13.316	1865	1872	1873	rBV3	21436	47107	3.42%	0.396%
95	13.560	1906	1912	1924	rVB	746440	1210972	87.84%	10.170%
96	13.853	1954	1960	1967	rVB	597023	956101	69.36%	8.030%
97	14.072	1992	1996	2007	rVB	44121	94075	6.82%	0.790%
98	15.444	2217	2221	2225	rVV2	11914	17319	1.26%	0.145%
99	15.499	2227	2230	2236	rVB3	11482	19547	1.42%	0.164%
100	16.730	2430	2432	2435	rBV3	1208	1415	0.10%	0.012%

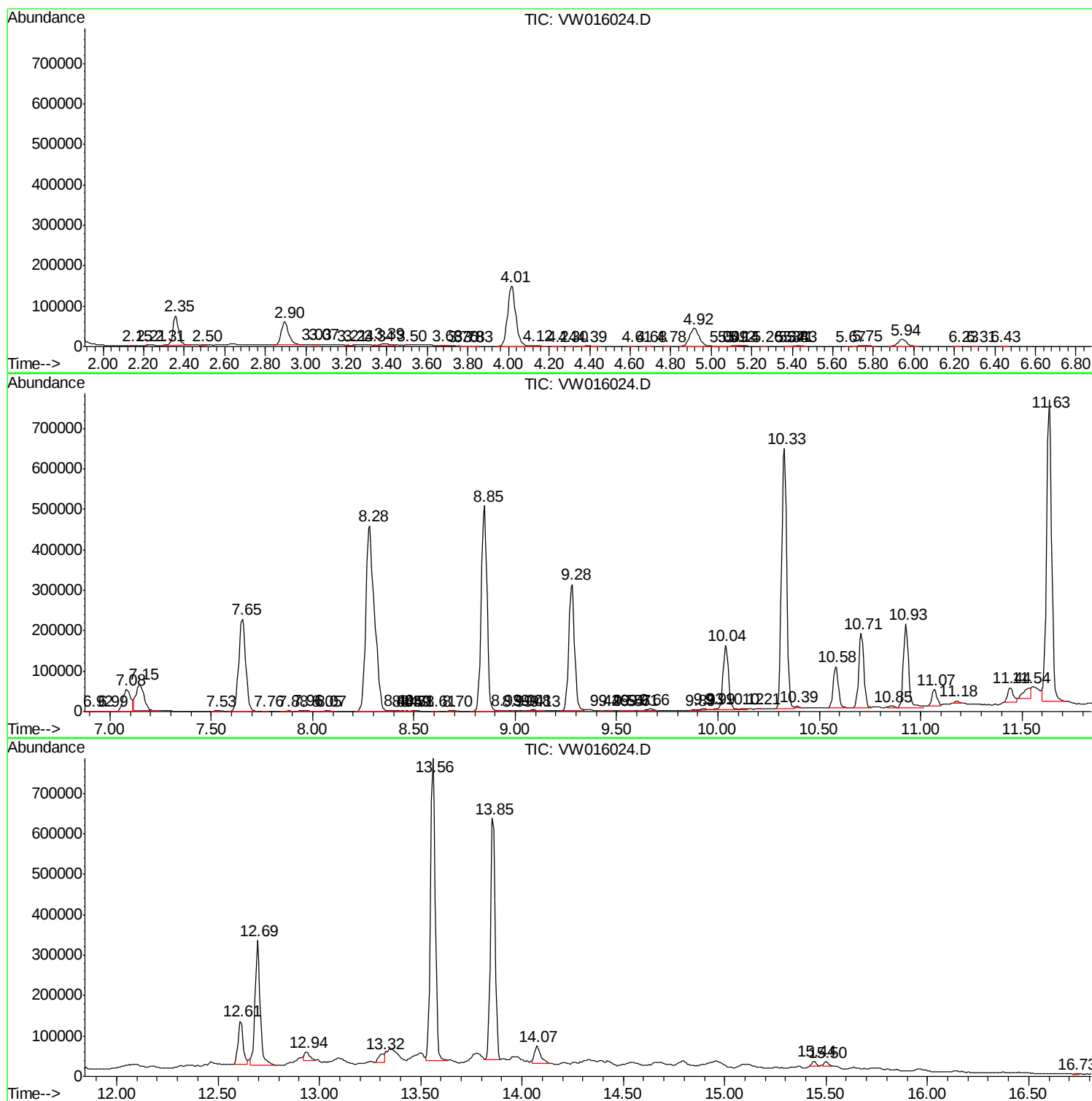
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



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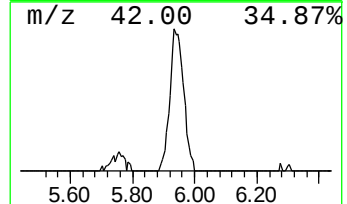
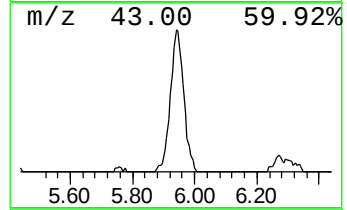
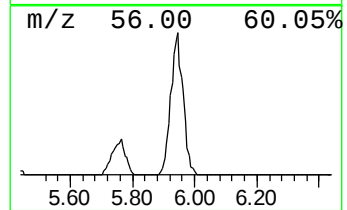
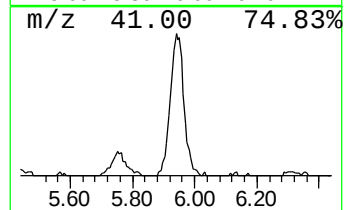
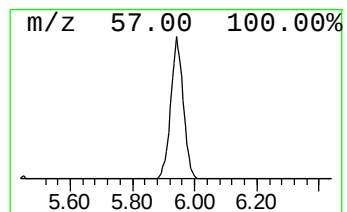
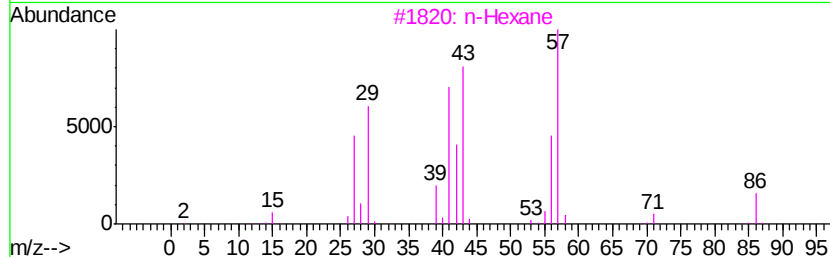
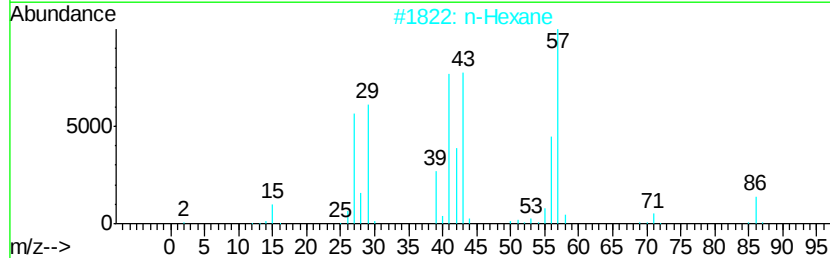
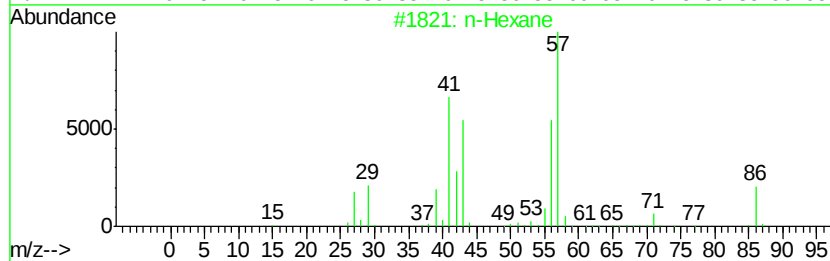
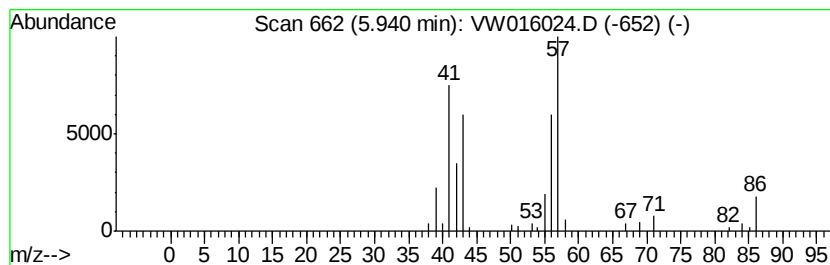
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.33 ug/L	53375	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	87
2		n-Hexane	86	C6H14	000110-54-3	64
3		n-Hexane	86	C6H14	000110-54-3	64
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	50
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42



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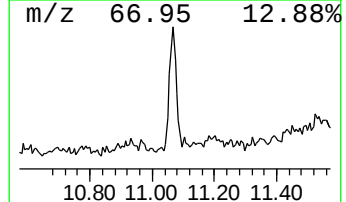
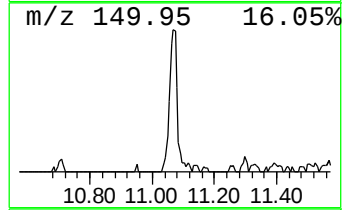
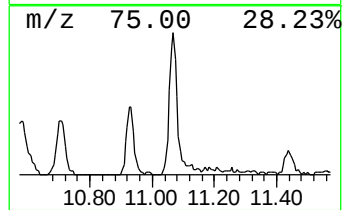
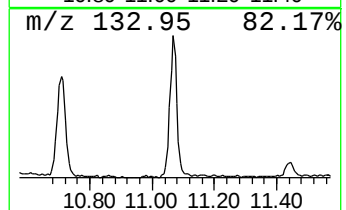
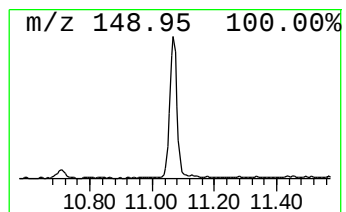
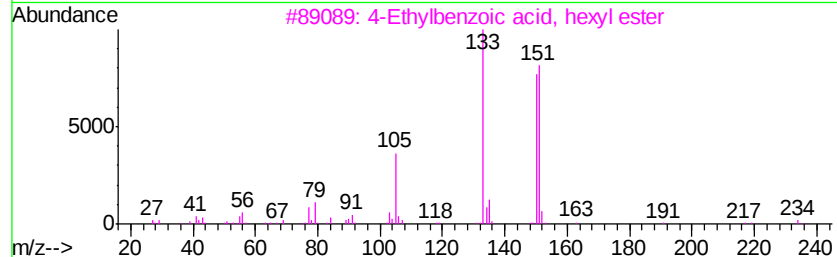
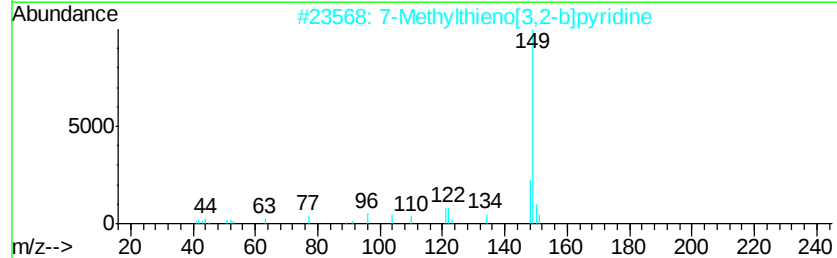
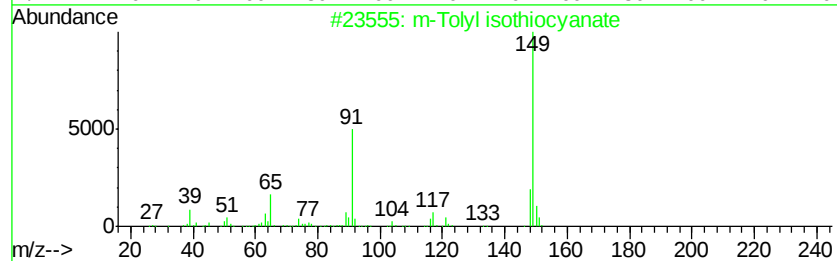
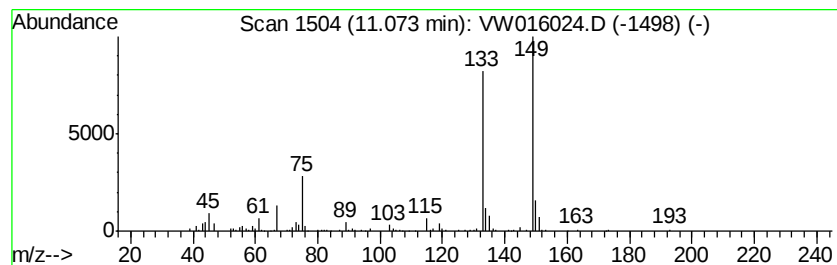
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.34 ug/L	69992	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	30
2		7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	25
3		4-Ethylbenzoic acid, hexyl ester	234	C15H22O2	1000292-34-4	25
4		2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	17
5		4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	17



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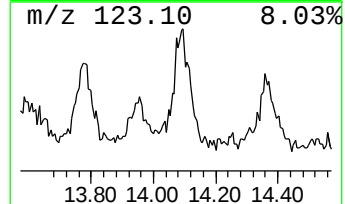
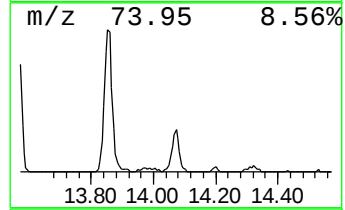
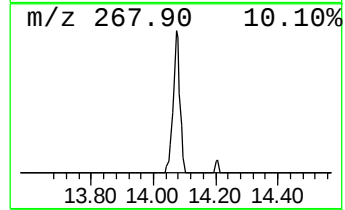
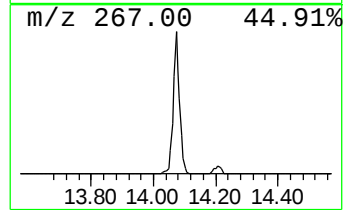
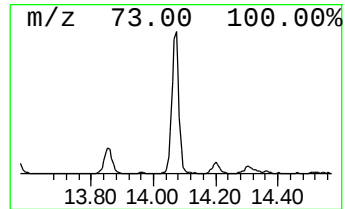
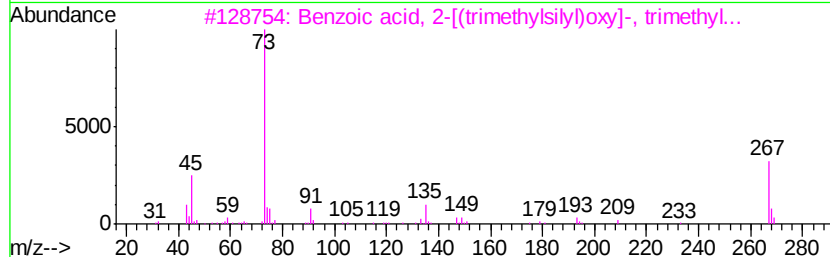
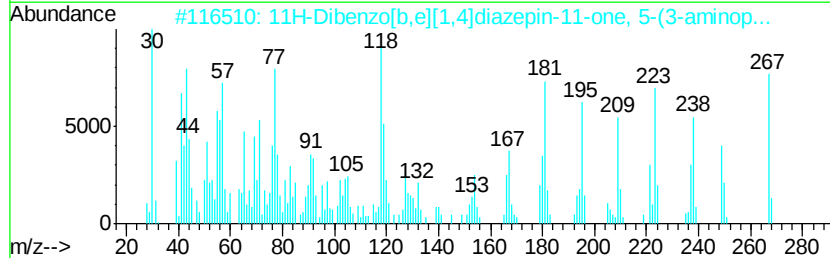
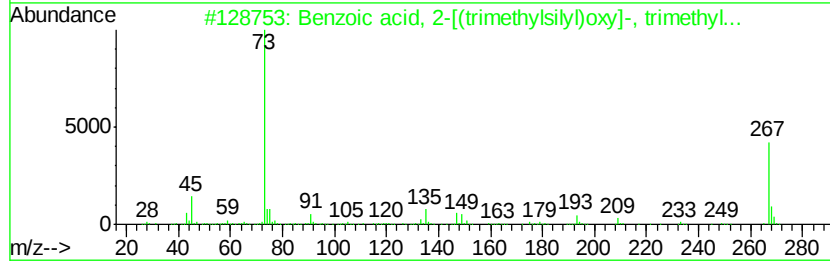
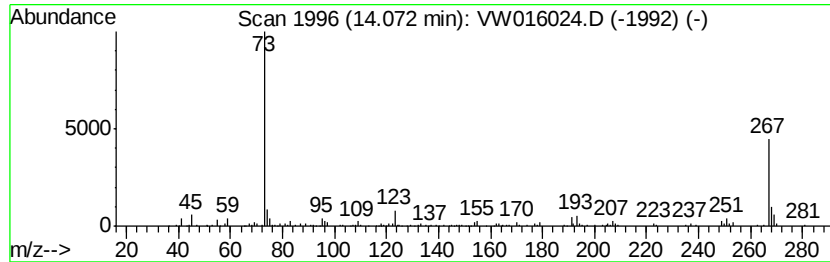
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzoic acid, 2-[(trimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.94 ug/L	94075	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	50
2		11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46
3		Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	39
4		Benzeneethanamine, N-[(pentafluo...	475	C21H26F5N02Si2	055429-85-1	37
5		1-Propene-1-thiol	74	C3H6S	000925-89-3	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW073120\
Data File : VW016024.D
Acq On : 31 Jul 2020 16:59
Operator : SY/VA
Sample : VIBLK26
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK26

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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
(DEL) Alkane: Str...	5.94	1.3	ug/L	53375	1	8.85	1006900	25.0
unknown-01	11.07	1.3	ug/L	69992	2	11.63	1304120	25.0
Benzoic acid, 2-[...	14.07	1.9	ug/L	94075	3	13.56	1210970	25.0