

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071919\
 Data File : VW011375.D
 Acq On : 19 Jul 2019 14:01
 Operator : SY/VA
 Sample : K3798-20RE
 Misc : 3.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H3RE

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\SOM2WLM070219S.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	1.989	6	14	26	rVB	14715	42073	4.65%	0.640%
2	2.154	37	41	48	rBV3	3504	7840	0.87%	0.119%
3	2.349	67	73	83	rVB	50054	89909	9.93%	1.368%
4	2.489	92	96	102	rBV	14971	27379	3.02%	0.417%
5	2.812	145	149	153	rVB	2430	3564	0.39%	0.054%
6	2.885	154	161	171	rVV	35101	85028	9.39%	1.294%
7	3.270	223	224	227	rBV3	852	542	0.06%	0.008%
8	3.367	238	240	241	rBV	837	539	0.06%	0.008%
9	3.526	264	266	269	rBV3	490	645	0.07%	0.010%
10	3.800	310	311	314	rBV3	642	606	0.07%	0.009%
11	3.861	314	321	324	rBV7	1229	2613	0.29%	0.040%
12	4.019	334	347	357	rBV	83680	274936	30.37%	4.185%
13	4.117	357	363	377	rVB	26564	77421	8.55%	1.178%
14	4.379	397	406	415	rBV3	3278	10664	1.18%	0.162%
15	4.672	444	454	467	rBV	9394	28498	3.15%	0.434%
16	4.909	485	493	495	rBV5	2239	4796	0.53%	0.073%
17	5.495	583	589	591	rVB3	544	888	0.10%	0.014%
18	5.525	591	594	600	rBV4	524	989	0.11%	0.015%
19	5.781	627	636	647	rBV4	4826	15991	1.77%	0.243%
20	5.934	655	661	666	rBV6	898	2374	0.26%	0.036%
21	6.110	685	690	691	rBV3	425	593	0.07%	0.009%
22	6.476	748	750	755	rVB	420	593	0.07%	0.009%
23	6.653	776	779	782	rBV2	368	552	0.06%	0.008%
24	6.708	784	788	791	rVB4	522	595	0.07%	0.009%
25	6.757	793	796	802	rVB3	470	819	0.09%	0.012%
26	6.818	802	806	808	rBV2	504	838	0.09%	0.013%
27	6.897	812	819	829	rVB6	1536	5283	0.58%	0.080%
28	6.976	829	832	833	rBV2	752	633	0.07%	0.010%
29	7.074	839	848	857	rBV	46478	135895	15.01%	2.068%
30	7.647	931	942	952	rBV	150276	368703	40.73%	5.612%
31	7.939	984	990	997	rVB5	1583	3282	0.36%	0.050%
32	8.049	1006	1008	1012	rBV2	365	593	0.07%	0.009%
33	8.159	1024	1026	1031	rVB2	498	527	0.06%	0.008%
34	8.275	1035	1045	1062	rBV2	294225	905337	100.00%	13.779%

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35	8.391	1062	1064	1065	rBV2	688	689	0.08%	0.010%
36	8.549	1086	1090	1091	rBV2	2732	3196	0.35%	0.049%
37	8.708	1110	1116	1123	rVB5	2186	5627	0.62%	0.086%
38	8.842	1130	1138	1153	rBV	336228	651443	71.96%	9.915%
39	9.086	1170	1178	1185	rBV8	2902	7075	0.78%	0.108%
40	9.275	1199	1209	1219	rBV	224886	459227	50.72%	6.989%
41	9.409	1225	1231	1239	rVB4	6169	12653	1.40%	0.193%
42	9.585	1257	1260	1263	rBV3	586	652	0.07%	0.010%
43	9.665	1266	1273	1278	rBV5	2812	6396	0.71%	0.097%
44	10.037	1326	1334	1342	rBV	105813	196148	21.67%	2.985%
45	10.128	1345	1349	1350	rBV3	1063	1376	0.15%	0.021%
46	10.213	1359	1363	1367	rBV3	347	585	0.06%	0.009%
47	10.323	1371	1381	1388	rBV	358143	631068	69.71%	9.605%
48	10.384	1388	1391	1399	rVB2	6932	13465	1.49%	0.205%
49	10.500	1403	1410	1413	rBV5	1039	1903	0.21%	0.029%
50	10.579	1416	1423	1432	rBV	72464	124788	13.78%	1.899%
51	10.707	1435	1444	1449	rBV	12958	22353	2.47%	0.340%
52	10.860	1466	1469	1473	rBV4	707	1140	0.13%	0.017%
53	10.927	1473	1480	1494	rBV	159279	282707	31.23%	4.303%
54	11.024	1494	1496	1497	rVV	741	536	0.06%	0.008%
55	11.073	1498	1504	1519	rVB	33654	60547	6.69%	0.922%
56	11.183	1519	1522	1525	rBV4	391	648	0.07%	0.010%
57	11.213	1525	1527	1531	rVB3	850	934	0.10%	0.014%
58	11.268	1534	1536	1540	rVB3	817	789	0.09%	0.012%
59	11.311	1540	1543	1546	rBV3	466	573	0.06%	0.009%
60	11.378	1550	1554	1555	rVB2	467	574	0.06%	0.009%
61	11.463	1566	1568	1574	rVB4	483	770	0.09%	0.012%
62	11.555	1579	1583	1584	rBV3	464	532	0.06%	0.008%
63	11.634	1587	1596	1605	rBV	386158	658884	72.78%	10.028%
64	11.731	1610	1612	1621	rVB6	1128	1826	0.20%	0.028%
65	11.841	1621	1630	1640	rBV4	5679	14200	1.57%	0.216%
66	12.036	1659	1662	1664	rVB4	497	581	0.06%	0.009%
67	12.170	1680	1684	1689	rVB4	1431	2318	0.26%	0.035%
68	12.341	1707	1712	1718	rVV2	2820	4952	0.55%	0.075%
69	12.463	1728	1732	1737	rVB6	763	1574	0.17%	0.024%
70	12.554	1745	1747	1750	rBV2	496	691	0.08%	0.011%
71	12.609	1750	1756	1763	rBV	74886	119842	13.24%	1.824%

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72	12.695	1763	1770	1777	rVB	174352	285296	31.51%	4.342%
73	12.890	1798	1802	1804	rBV4	929	1369	0.15%	0.021%
74	12.939	1804	1810	1811	rBV4	1650	2182	0.24%	0.033%
75	12.993	1817	1819	1824	rVB4	731	769	0.08%	0.012%
76	13.048	1824	1828	1832	rBV4	482	785	0.09%	0.012%
77	13.103	1832	1837	1841	rBV5	427	946	0.10%	0.014%
78	13.274	1860	1865	1869	rVV5	2143	4189	0.46%	0.064%
79	13.310	1869	1871	1874	rVB3	584	580	0.06%	0.009%
80	13.402	1882	1886	1890	rBV4	2424	3398	0.38%	0.052%
81	13.469	1891	1897	1905	rVV	17961	29163	3.22%	0.444%
82	13.560	1905	1912	1921	rBV	255441	406116	44.86%	6.181%
83	13.652	1923	1927	1933	rVB3	4977	7976	0.88%	0.121%
84	13.768	1943	1946	1948	rVB4	788	703	0.08%	0.011%
85	13.804	1948	1952	1953	rBV4	512	585	0.06%	0.009%
86	13.853	1953	1960	1967	rBV	197361	328618	36.30%	5.002%
87	14.072	1989	1996	2003	rVB2	47153	76429	8.44%	1.163%
88	14.231	2020	2022	2026	rVB4	514	569	0.06%	0.009%
89	14.329	2033	2038	2046	rBV5	3419	6225	0.69%	0.095%
90	14.426	2051	2054	2058	rVB5	1183	1368	0.15%	0.021%
91	14.530	2066	2071	2078	rVB6	1706	3646	0.40%	0.055%
92	14.627	2084	2087	2091	rBV5	865	1396	0.15%	0.021%
93	14.700	2094	2099	2101	rBV4	2751	4132	0.46%	0.063%
94	15.139	2169	2171	2173	rVB3	679	524	0.06%	0.008%
95	15.255	2185	2190	2195	rBV7	1796	3148	0.35%	0.048%
96	15.377	2207	2210	2212	rVB3	679	761	0.08%	0.012%
97	15.438	2218	2220	2222	rBV2	478	571	0.06%	0.009%
98	15.505	2227	2231	2235	rVB2	1150	2066	0.23%	0.031%
99	15.895	2291	2295	2296	rBV4	643	940	0.10%	0.014%
100	16.737	2429	2433	2437	rBV6	724	1090	0.12%	0.017%

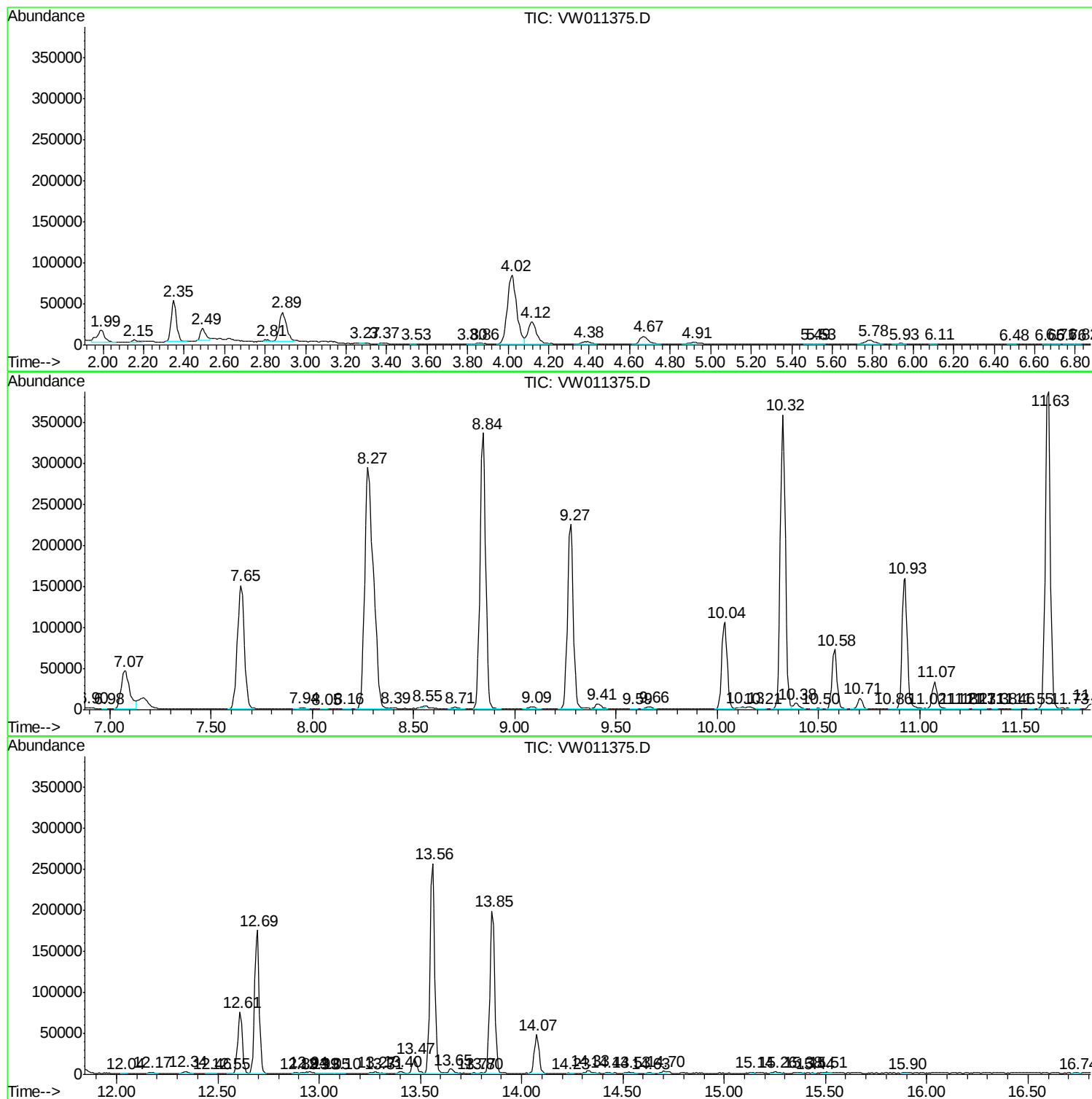
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TIC Library : C:\DATABASE\NIST11.L
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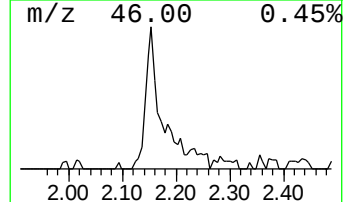
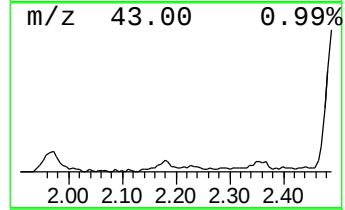
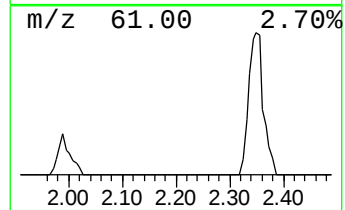
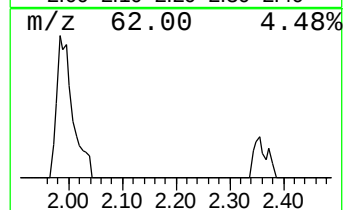
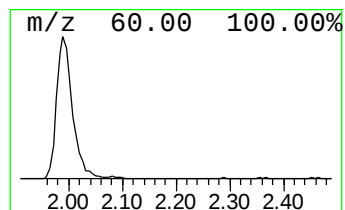
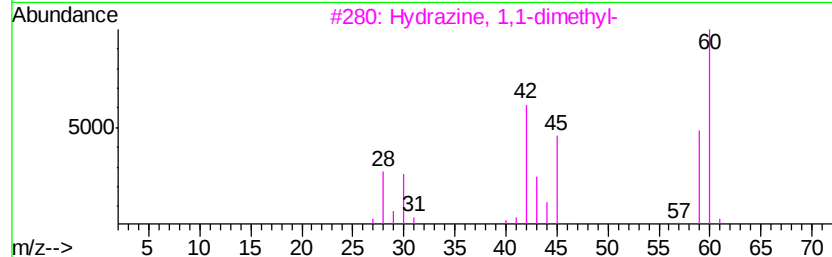
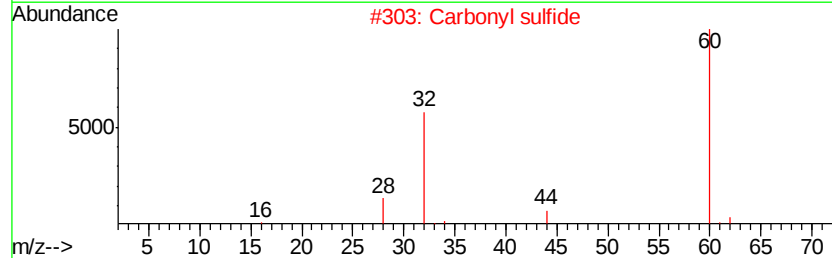
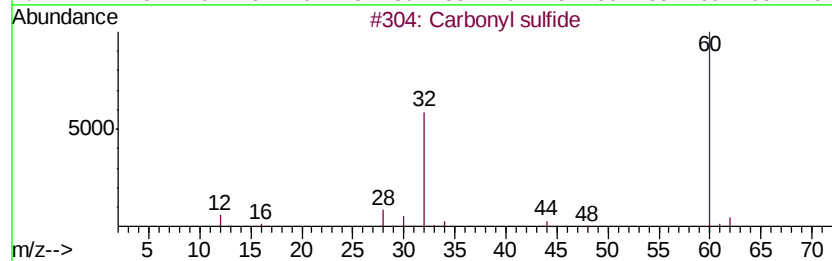
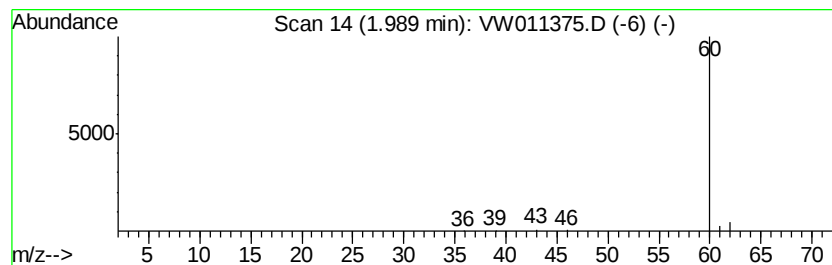
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis

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

 Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	1.61 ug/L	42073	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	5
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4
4		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4
5		Thiirane	60	C2H4S	000420-12-2	4



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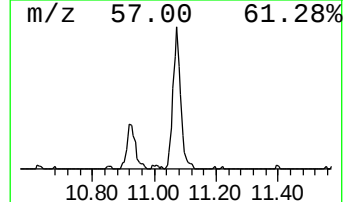
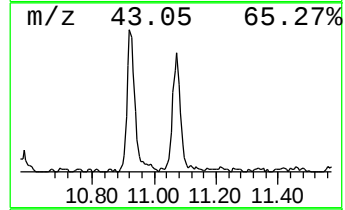
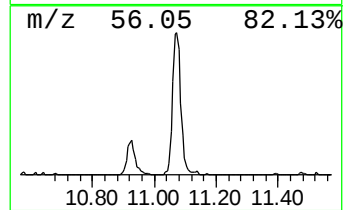
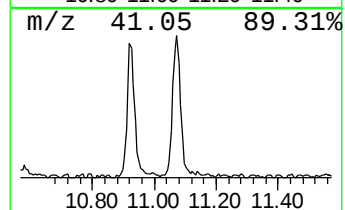
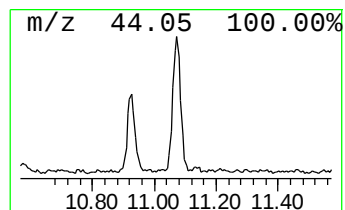
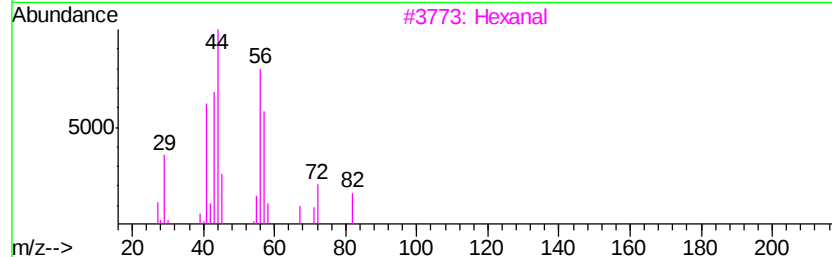
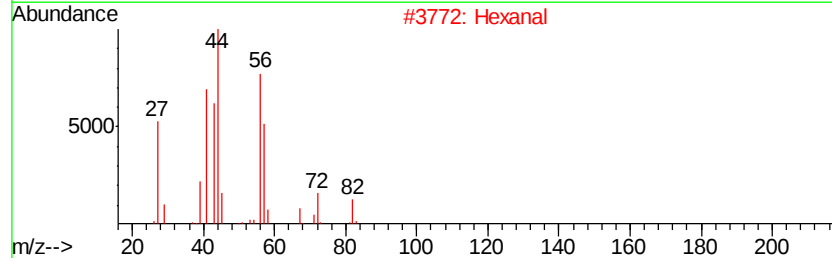
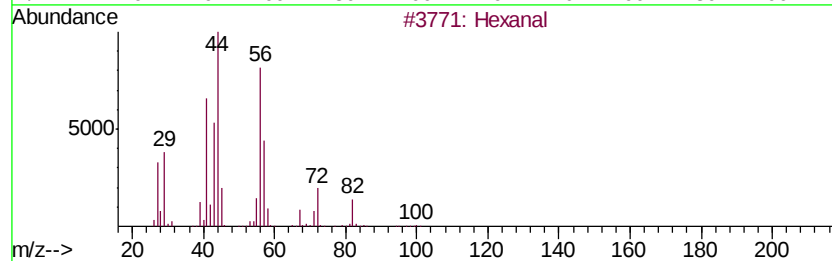
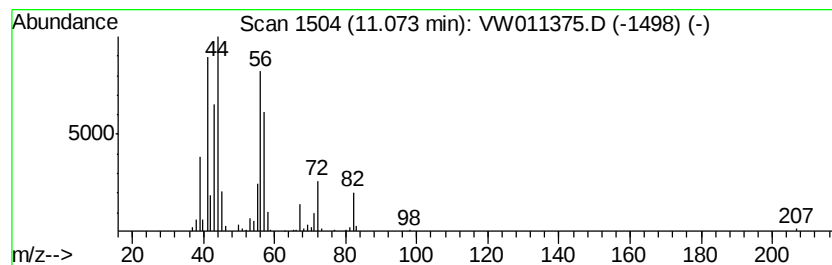
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.30 ug/L	60547	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	80
2	Hexanal		100	C6H12O	000066-25-1	59
3	Hexanal		100	C6H12O	000066-25-1	59
4	Hexanal		100	C6H12O	000066-25-1	45
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	42



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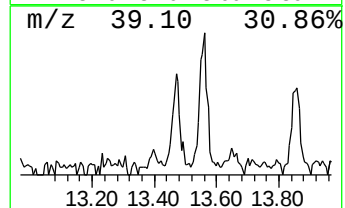
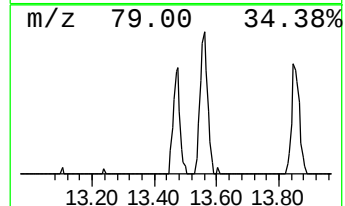
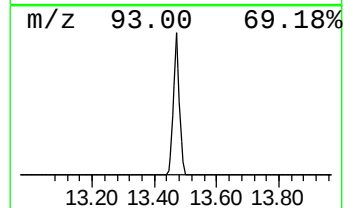
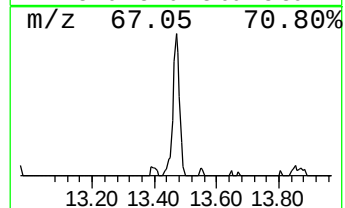
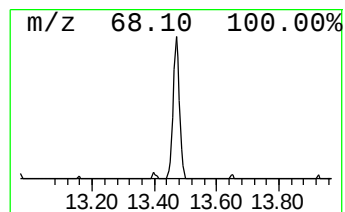
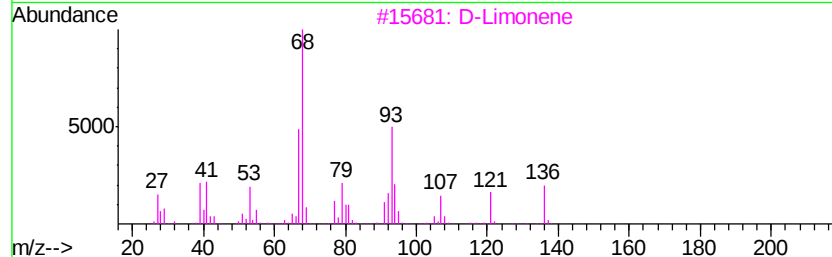
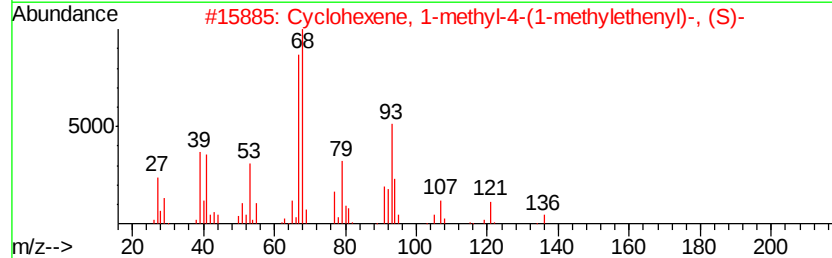
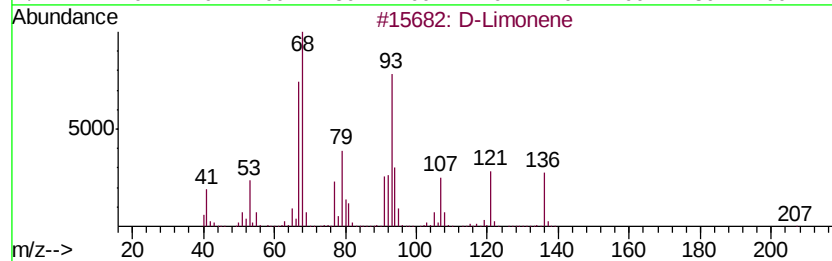
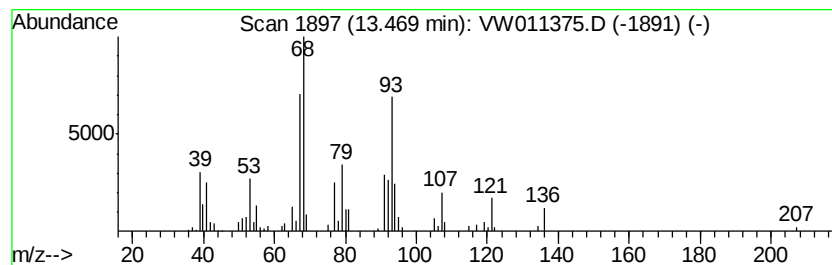
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Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.80 ug/L	29163	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...		136	C10H16	005989-54-8	95
3	D-Limonene		136	C10H16	005989-27-5	94
4	D-Limonene		136	C10H16	005989-27-5	94
5	Limonene		136	C10H16	000138-86-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071919\
Data File : VW011375.D
Acq On : 19 Jul 2019 14:01
Operator : SY/VA
Sample : K3798-20RE
Misc : 3.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H3RE

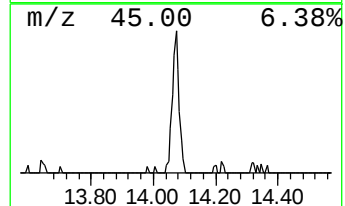
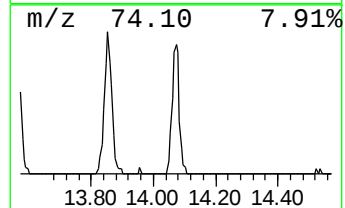
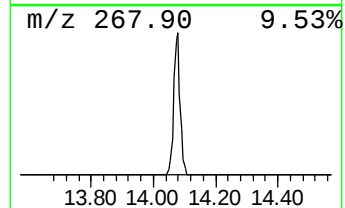
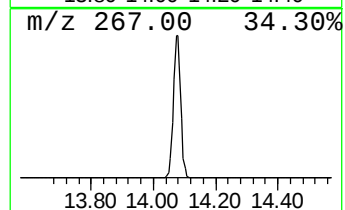
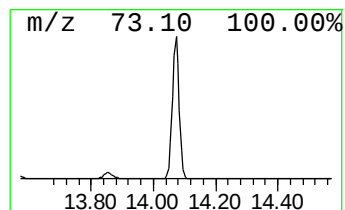
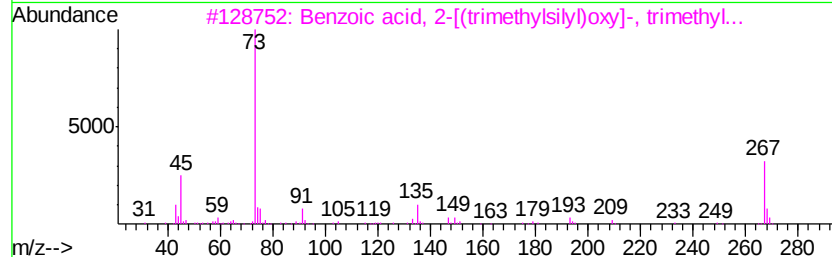
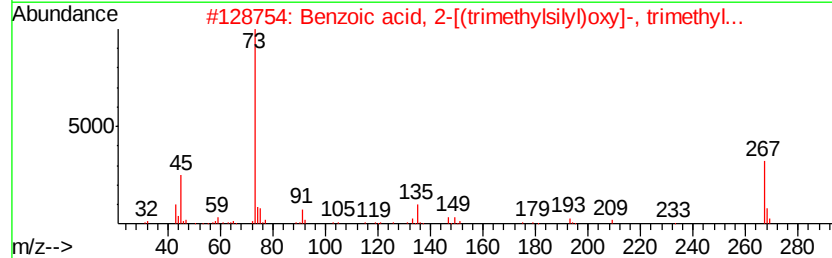
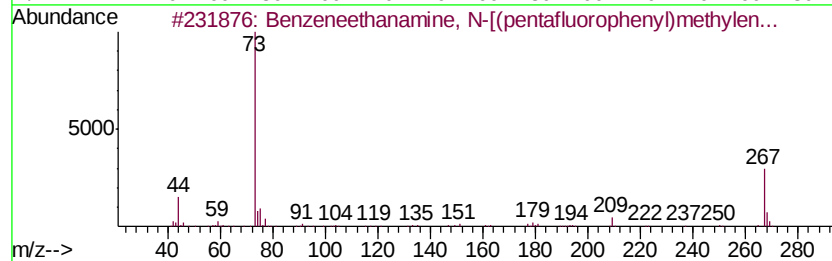
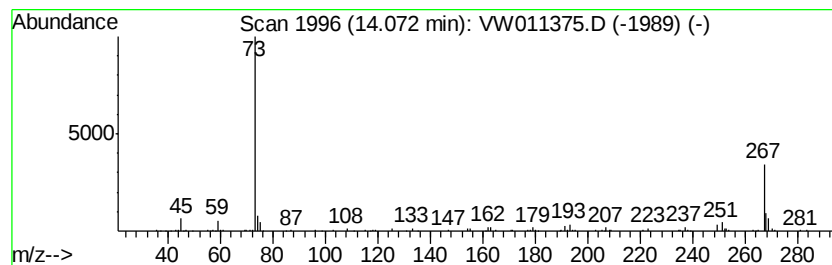
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.70 ug/L	76429	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	40
2		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	38
3		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	38
4		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	36
5		1-(3-Chlorophenyl)piperazine, 4-...	268	C13H21ClN2Si	1000373-99-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071919\
Data File : VW011375.D
Acq On : 19 Jul 2019 14:01
Operator : SY/VA
Sample : K3798-20RE
Misc : 3.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
unknown-01	1.99	1.6	ug/L	42073	1	8.84	651443	25.0
Hexanal	11.07	2.3	ug/L	60547	2	11.63	658884	25.0
D-Limonene	13.47	1.8	ug/L	29163	3	13.56	406116	25.0
unknown-02	14.07	4.7	ug/L	76429	3	13.56	406116	25.0