

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009732.D
 Acq On : 05 Apr 2019 15:02
 Operator : SY/VA
 Sample : K2148-19RE
 Misc : 4.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5G6RE

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\SOM2WLM040319S.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	43	rBV2	3566	4815	1.50%	0.222%
2	4.117	357	363	369	rBV	12692	31300	9.74%	1.441%
3	4.190	369	375	389	rVB2	51354	149328	46.47%	6.873%
4	4.531	429	431	434	rBV3	1195	1449	0.45%	0.067%
5	4.916	484	494	509	rVB2	30757	109705	34.14%	5.049%
6	5.294	554	556	559	rVB3	724	804	0.25%	0.037%
7	5.361	565	567	569	rBV2	1779	1147	0.36%	0.053%
8	5.489	586	588	589	rBV	1128	919	0.29%	0.042%
9	5.592	603	605	606	rBV2	896	733	0.23%	0.034%
10	5.659	614	616	619	rVB3	759	876	0.27%	0.040%
11	5.757	625	632	633	rBV6	1032	1409	0.44%	0.065%
12	5.806	639	640	643	rVB2	1153	713	0.22%	0.033%
13	5.934	652	661	664	rBV5	3434	8637	2.69%	0.398%
14	6.050	677	680	684	rBV5	727	1024	0.32%	0.047%
15	6.110	687	690	692	rVV3	802	862	0.27%	0.040%
16	6.159	696	698	701	rBV3	555	616	0.19%	0.028%
17	6.196	703	704	706	rBV2	699	620	0.19%	0.029%
18	6.324	723	725	727	rVB	642	598	0.19%	0.028%
19	6.537	758	760	764	rBV5	590	1100	0.34%	0.051%
20	6.702	786	787	790	rVB2	877	629	0.20%	0.029%
21	6.744	792	794	796	rVV	803	779	0.24%	0.036%
22	6.915	820	822	825	rVV2	793	837	0.26%	0.039%
23	6.952	825	828	831	rVB3	1098	1227	0.38%	0.056%
24	6.994	832	835	837	rVB3	899	885	0.28%	0.041%
25	7.013	837	838	841	rVB2	1337	941	0.29%	0.043%
26	7.049	841	844	846	rBV3	1512	1809	0.56%	0.083%
27	7.074	846	848	849	rVV	1014	732	0.23%	0.034%
28	7.141	849	859	872	rVB4	11207	40047	12.46%	1.843%
29	7.324	887	889	893	rVB3	801	1027	0.32%	0.047%
30	7.360	893	895	897	rBV3	822	858	0.27%	0.039%
31	7.458	909	911	912	rBV	1317	1046	0.33%	0.048%
32	7.641	932	941	953	rBV	47735	121321	37.76%	5.584%
33	7.720	953	954	956	rVB2	1766	949	0.30%	0.044%
34	7.805	966	968	971	rVB3	629	667	0.21%	0.031%

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 Title : VOC Analysis

35	7.836	971	973	975	rBV3	776	914	0.28%	0.042%
36	7.891	980	982	985	rVB3	712	696	0.22%	0.032%
37	7.915	985	986	988	rBV3	1316	1002	0.31%	0.046%
38	7.952	990	992	996	rVB4	800	748	0.23%	0.034%
39	8.037	1005	1006	1011	rVB4	847	1141	0.36%	0.053%
40	8.104	1014	1017	1019	rVV3	666	621	0.19%	0.029%
41	8.128	1019	1021	1026	rVB3	645	881	0.27%	0.041%
42	8.299	1035	1049	1061	rBV2	92617	321336	100.00%	14.790%
43	8.531	1084	1087	1088	rBV3	565	799	0.25%	0.037%
44	8.714	1115	1117	1120	rVB3	788	789	0.25%	0.036%
45	8.842	1130	1138	1149	rBV	40844	87169	27.13%	4.012%
46	8.976	1158	1160	1162	rBV2	1151	751	0.23%	0.035%
47	9.031	1164	1169	1170	rBV4	3808	5432	1.69%	0.250%
48	9.275	1201	1209	1221	rBV	94441	193896	60.34%	8.924%
49	9.476	1241	1242	1244	rBV2	883	595	0.19%	0.027%
50	9.567	1255	1257	1258	rBV2	828	601	0.19%	0.028%
51	9.634	1265	1268	1269	rBV3	907	964	0.30%	0.044%
52	9.732	1281	1284	1286	rBV2	799	1030	0.32%	0.047%
53	9.884	1303	1309	1318	rBV8	2705	6997	2.18%	0.322%
54	9.951	1318	1320	1322	rBV3	576	617	0.19%	0.028%
55	10.037	1328	1334	1342	rVB5	3625	9532	2.97%	0.439%
56	10.098	1342	1344	1345	rBV	818	748	0.23%	0.034%
57	10.128	1345	1349	1356	rVB5	3114	6929	2.16%	0.319%
58	10.207	1360	1362	1363	rBV	1250	746	0.23%	0.034%
59	10.323	1374	1381	1388	rBV	66702	119705	37.25%	5.510%
60	10.384	1388	1391	1395	rVB4	4489	6644	2.07%	0.306%
61	10.579	1418	1423	1427	rVV5	4741	7763	2.42%	0.357%
62	10.701	1439	1443	1449	rBV6	2624	4901	1.53%	0.226%
63	10.860	1463	1469	1473	rVB6	3196	6793	2.11%	0.313%
64	10.951	1476	1484	1491	rVV6	11190	27139	8.45%	1.249%
65	11.067	1501	1503	1504	rBV2	1285	933	0.29%	0.043%
66	11.171	1519	1520	1523	rVB3	1241	955	0.30%	0.044%
67	11.201	1523	1525	1528	rBV3	1231	1235	0.38%	0.057%
68	11.231	1528	1530	1532	rBV3	886	809	0.25%	0.037%
69	11.396	1555	1557	1559	rBV2	814	926	0.29%	0.043%
70	11.518	1571	1577	1580	rBV8	708	1746	0.54%	0.080%
71	11.628	1589	1595	1602	rBV	94802	166702	51.88%	7.673%

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72	12.152	1680	1681	1683	rBV2	1015	705	0.22%	0.032%
73	12.280	1700	1702	1704	rBV2	717	789	0.25%	0.036%
74	12.347	1711	1713	1714	rBV2	820	646	0.20%	0.030%
75	12.561	1745	1748	1749	rBV2	767	681	0.21%	0.031%
76	12.609	1751	1756	1762	rVB3	7885	14401	4.48%	0.663%
77	12.695	1763	1770	1778	rVV	173493	282651	87.96%	13.009%
78	12.938	1808	1810	1812	rVV3	935	703	0.22%	0.032%
79	13.127	1839	1841	1843	rVB3	1722	870	0.27%	0.040%
80	13.164	1845	1847	1848	rBV	1073	1059	0.33%	0.049%
81	13.316	1868	1872	1875	rVB5	2292	3340	1.04%	0.154%
82	13.414	1884	1888	1893	rVB4	3914	6455	2.01%	0.297%
83	13.512	1899	1904	1905	rBV4	2201	2824	0.88%	0.130%
84	13.560	1907	1912	1918	rVV2	83657	134212	41.77%	6.177%
85	13.755	1941	1944	1945	rBV3	1900	2118	0.66%	0.097%
86	13.853	1954	1960	1967	rBV	113720	190525	59.29%	8.769%
87	14.018	1984	1987	1989	rBV2	1141	1517	0.47%	0.070%
88	14.072	1992	1996	2001	rVB2	7118	11163	3.47%	0.514%
89	14.268	2026	2028	2032	rBV4	1070	1007	0.31%	0.046%
90	14.438	2054	2056	2059	rVB3	846	666	0.21%	0.031%
91	14.676	2093	2095	2096	rBV	840	710	0.22%	0.033%
92	14.780	2109	2112	2114	rVB4	1051	815	0.25%	0.038%
93	15.353	2204	2206	2207	rBV2	942	848	0.26%	0.039%
94	15.414	2212	2216	2217	rBV3	4977	5743	1.79%	0.264%
95	15.505	2226	2231	2234	rBV2	7002	11705	3.64%	0.539%
96	15.810	2273	2281	2285	rBV7	4403	10114	3.15%	0.466%
97	15.956	2303	2305	2306	rBV2	1594	1394	0.43%	0.064%
98	16.261	2352	2355	2357	rBV4	949	929	0.29%	0.043%
99	16.389	2374	2376	2379	rBV3	1247	1331	0.41%	0.061%
100	16.420	2379	2381	2385	rVV4	912	1171	0.36%	0.054%

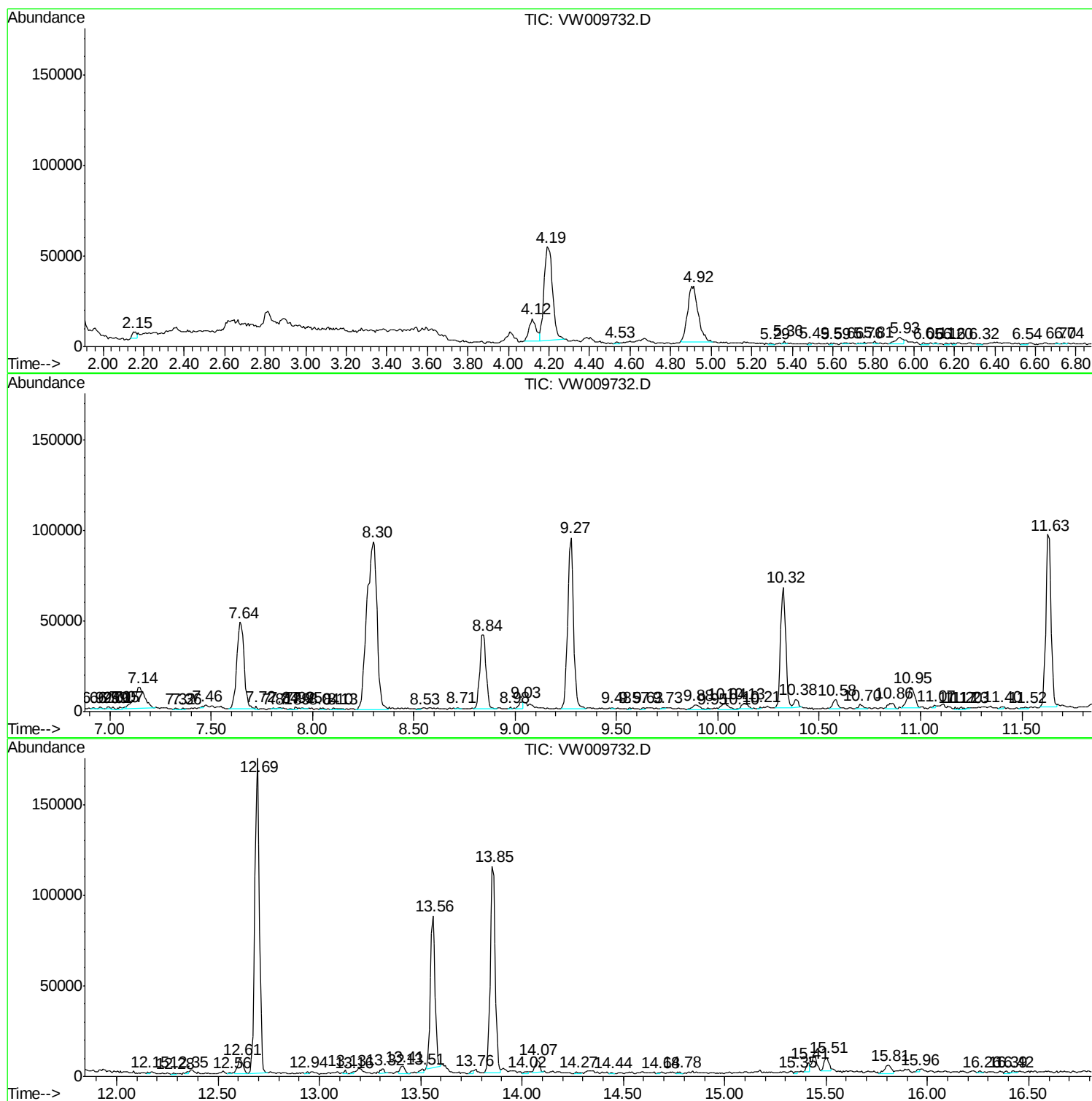
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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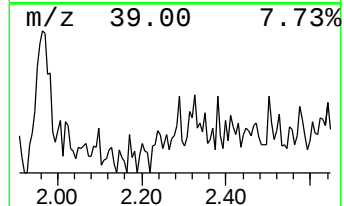
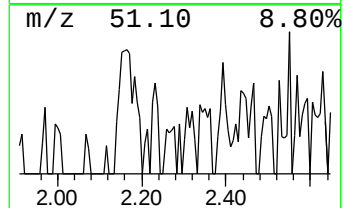
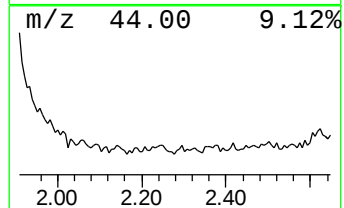
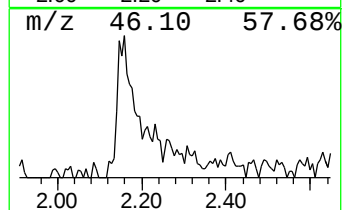
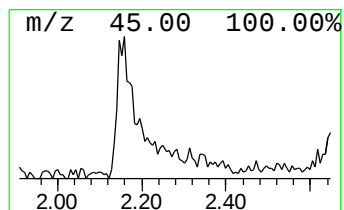
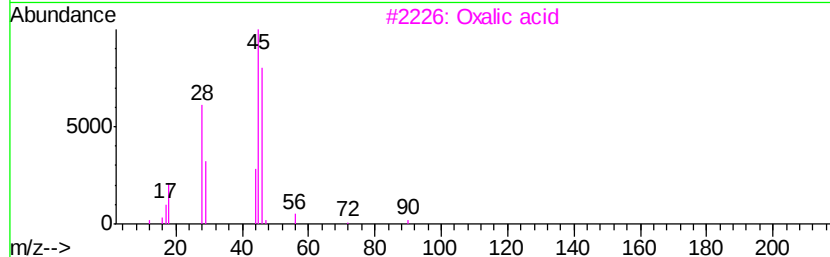
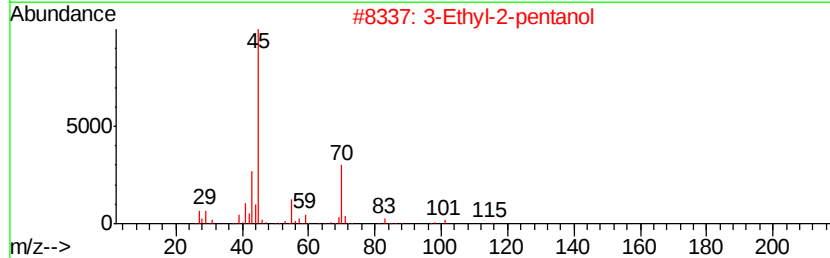
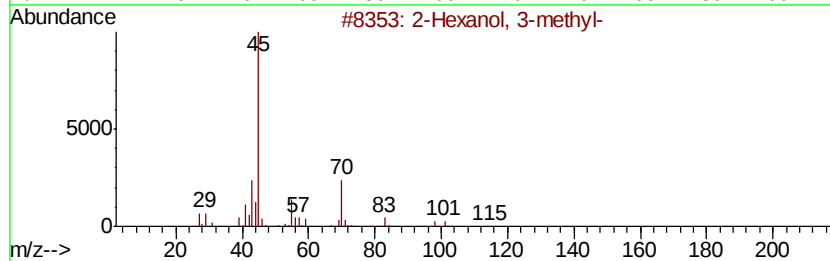
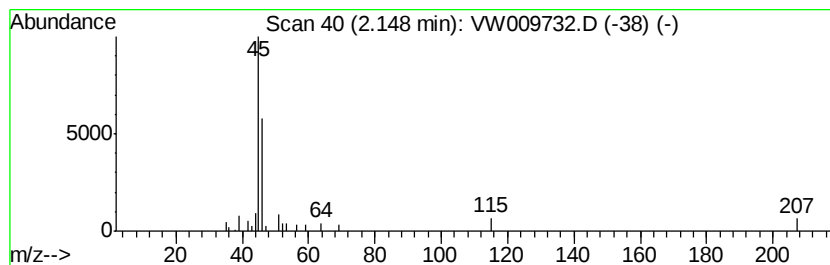
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.38 ug/L	4815	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	28
2		3-Ethyl-2-pentanol	116	C7H16O	000609-27-8	9
3		Oxalic acid	90	C2H2O4	000144-62-7	9
4		2-Heptanol	116	C7H16O	000543-49-7	9
5		Hydrazine, methyl-	46	CH6N2	000060-34-4	7



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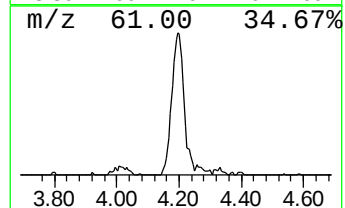
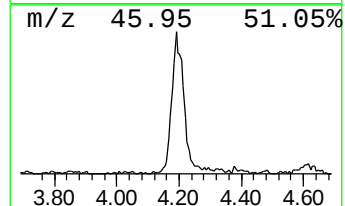
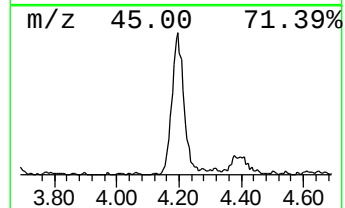
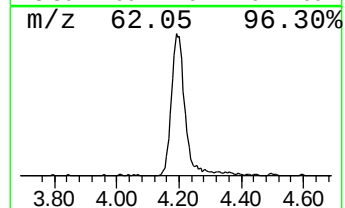
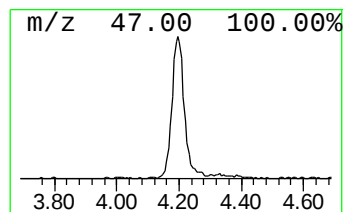
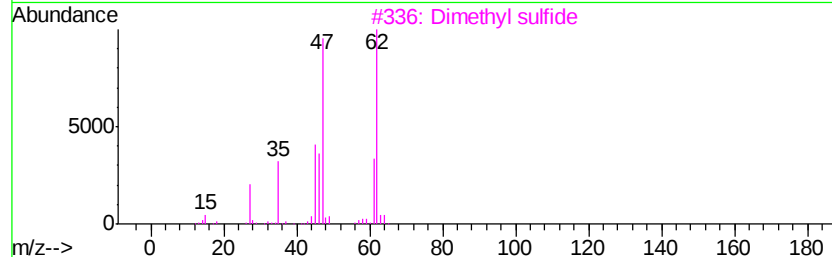
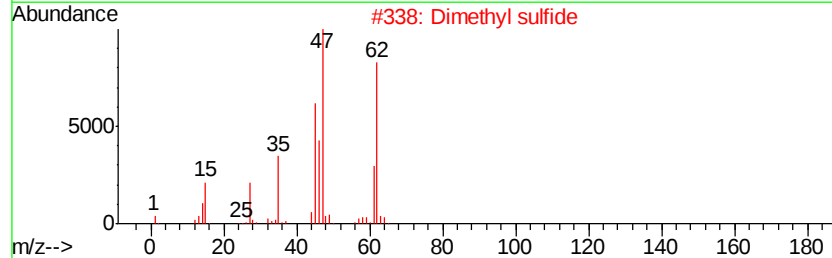
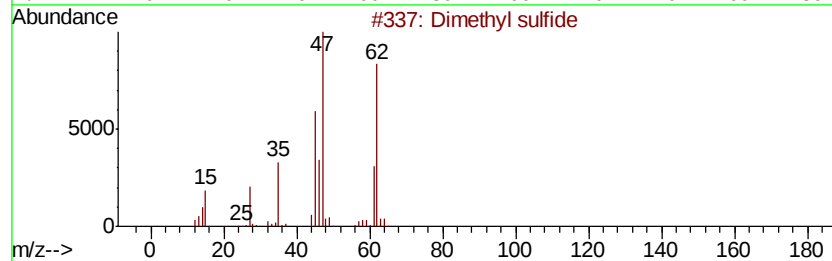
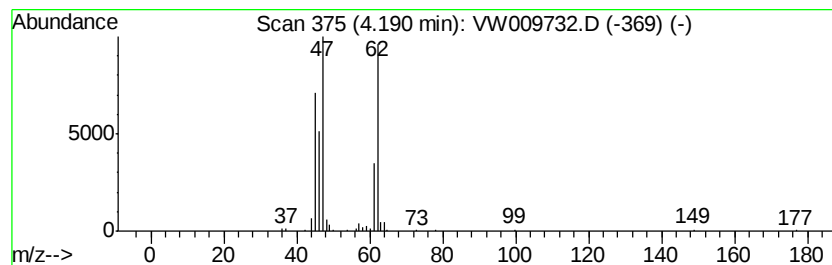
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	42.83 ug/L	149328	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2		Dimethyl sulfide	62	C2H6S	000075-18-3	91
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	87
5		Ethanethiol	62	C2H6S	000075-08-1	72



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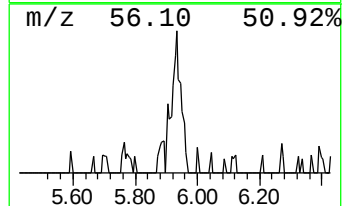
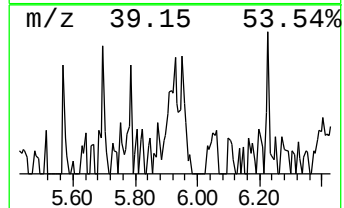
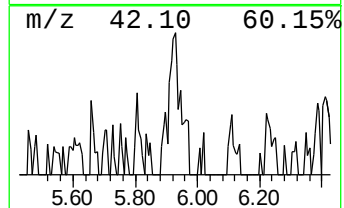
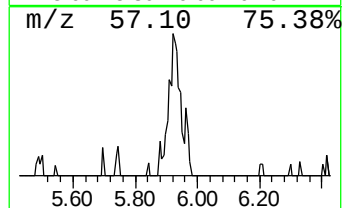
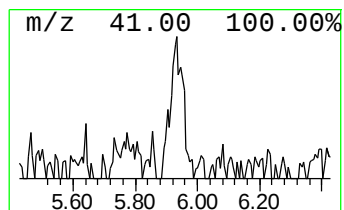
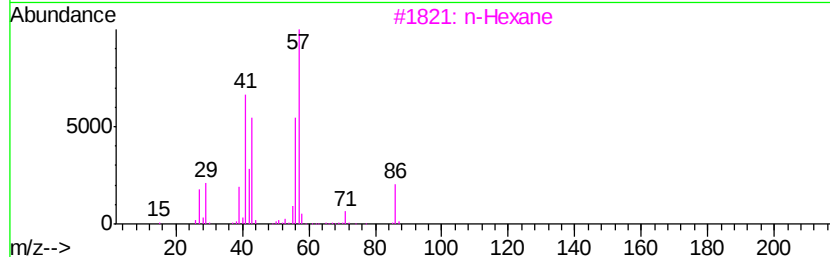
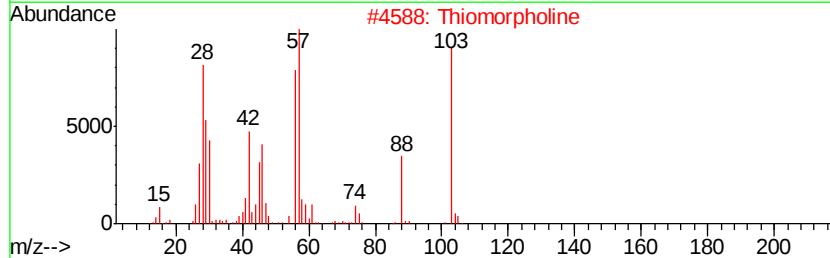
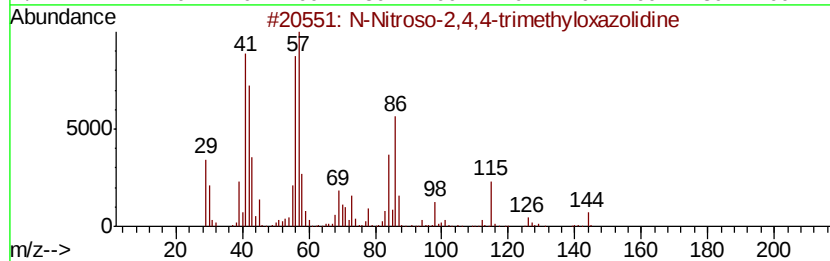
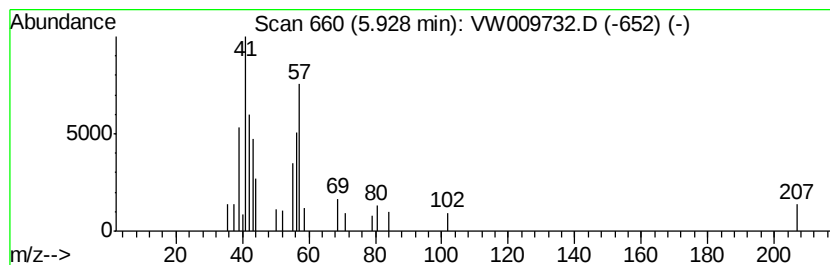
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.48 ug/L	8637	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Nitroso-2,4,4-trimethyloxazoli...	144	C6H12N2O2	096228-15-8	17
2		Thiomorpholine	103	C4H9NS	000123-90-0	16
3		n-Hexane	86	C6H14	000110-54-3	12
4		Hexanoic acid, 5-hydroxy-3-methy...	128	C7H12O2	003720-20-5	12
5		7-n-Pentadecylaminomethyl-6-hydr...	414	C25H38N2O3	1000252-62-9	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5G6RE

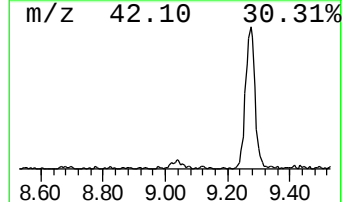
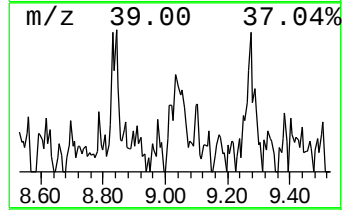
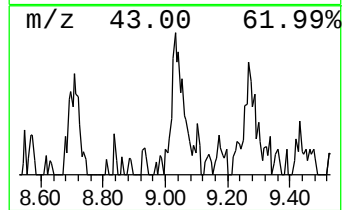
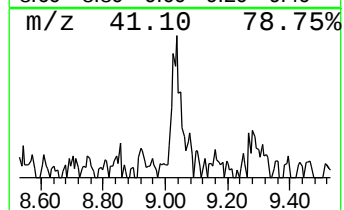
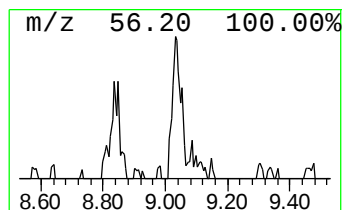
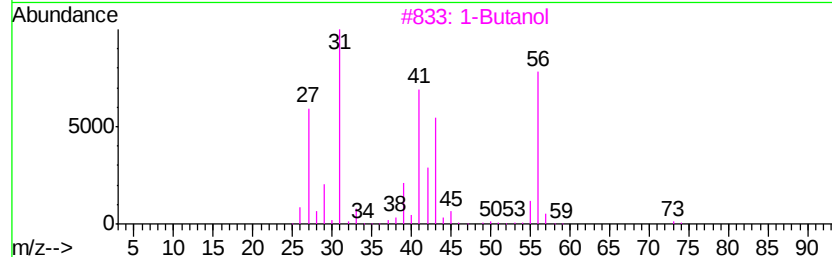
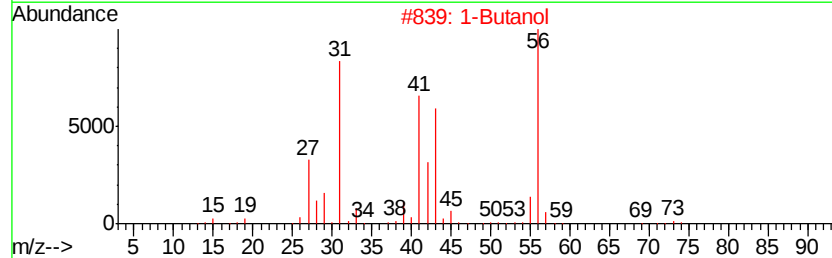
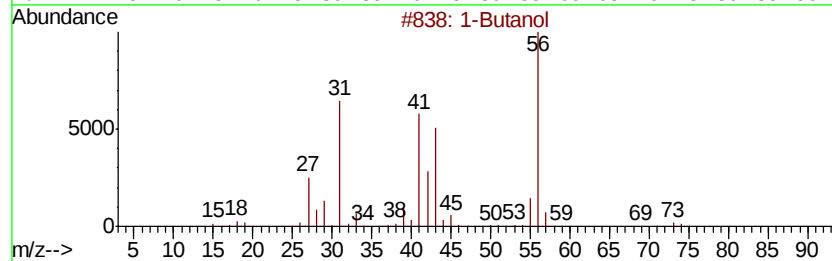
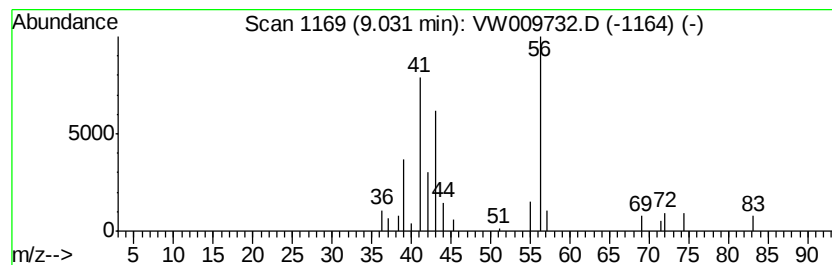
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	1.56 ug/L	5432	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol	74	C4H10O	000071-36-3	45
2			1-Butanol	74	C4H10O	000071-36-3	42
3			1-Butanol	74	C4H10O	000071-36-3	36
4			Pentane	72	C5H12	000109-66-0	9
5			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5G6RE

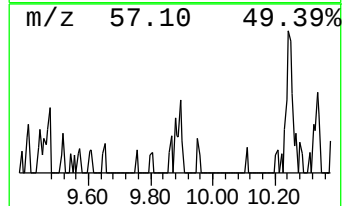
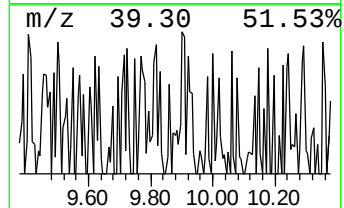
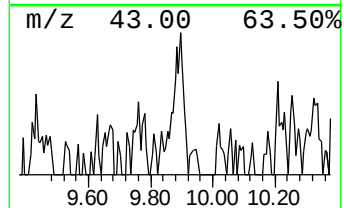
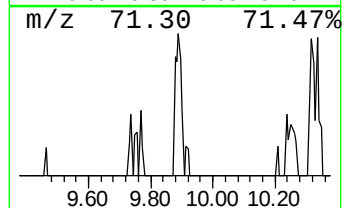
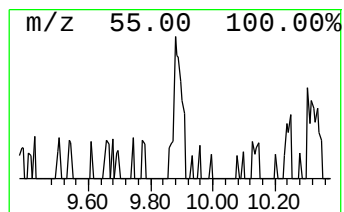
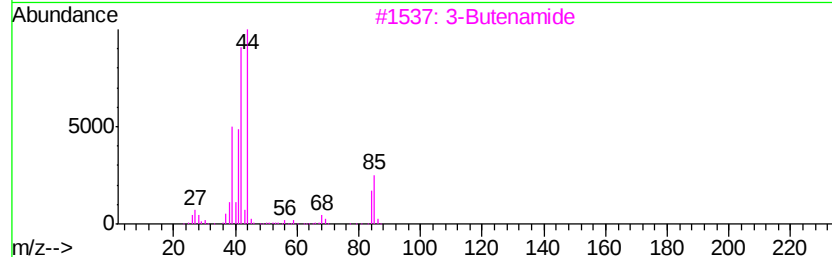
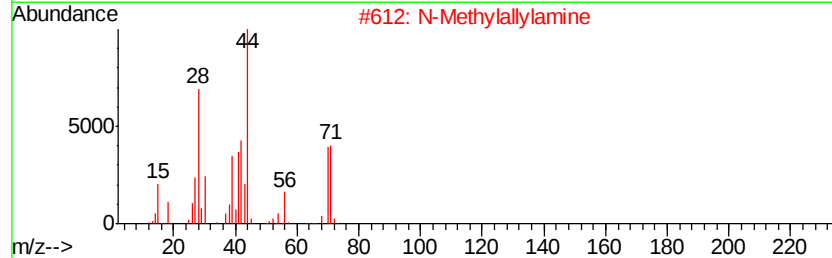
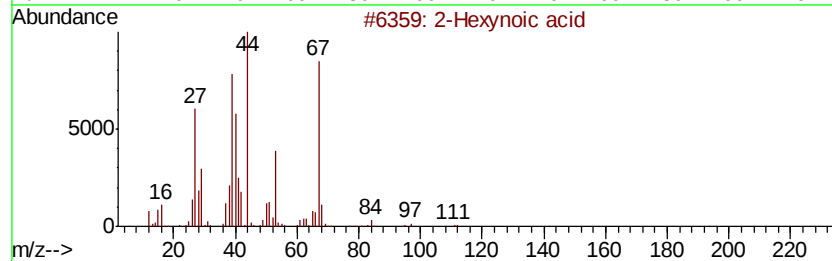
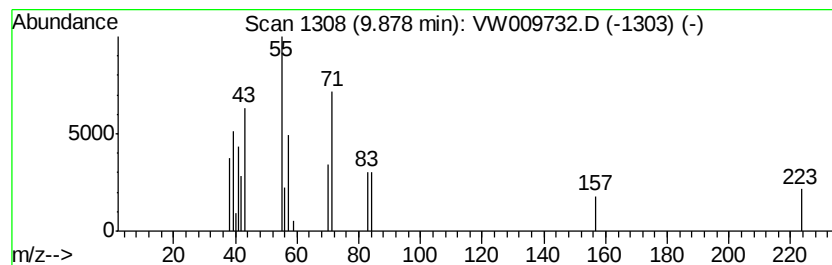
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	2.01 ug/L	6997	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexynoic acid	112	C6H8O2	000764-33-0	30
2		N-Methylallylamine	71	C4H9N	000627-37-2	22
3		3-Butenamide	85	C4H7NO	028446-58-4	10
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	9
5		4-Amino-2-oxy-furazan-3-carboxyl...	145	C3H3N3O4	1000300-51-9	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

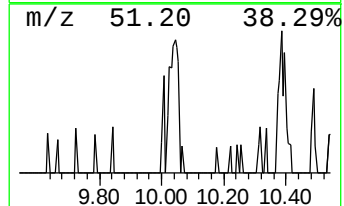
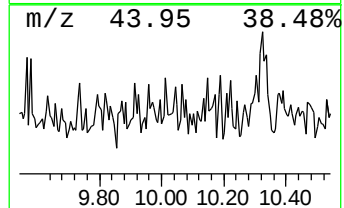
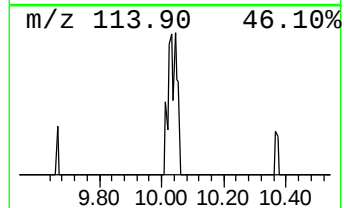
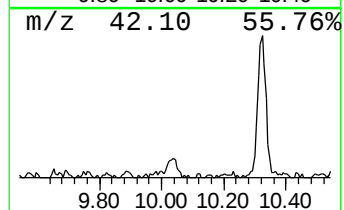
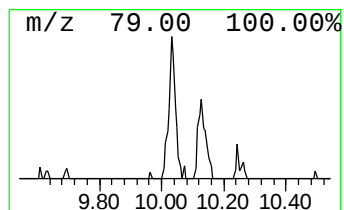
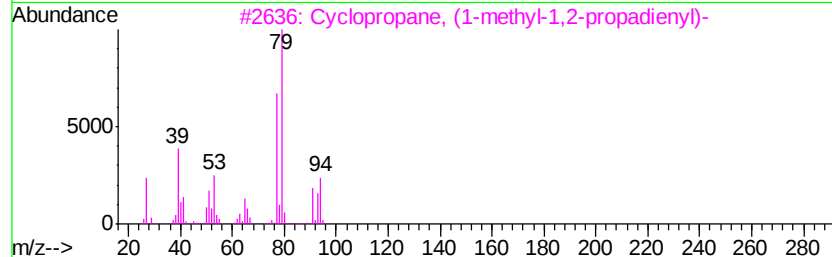
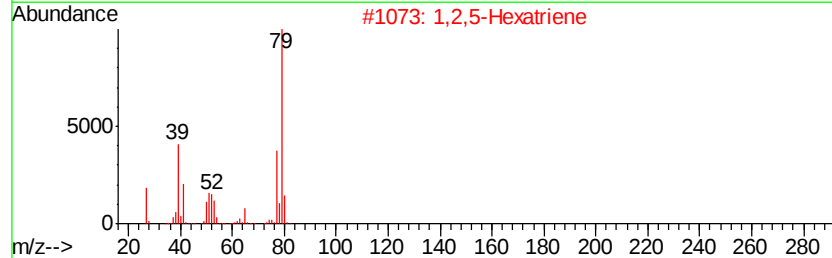
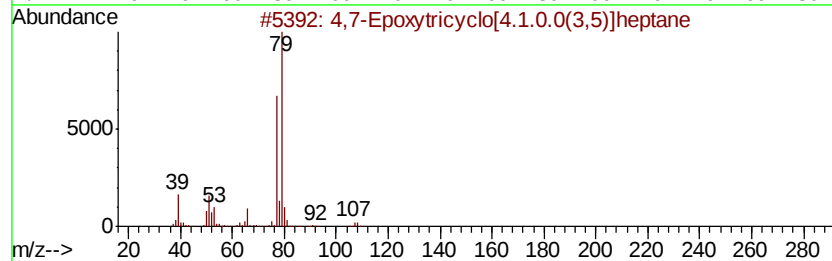
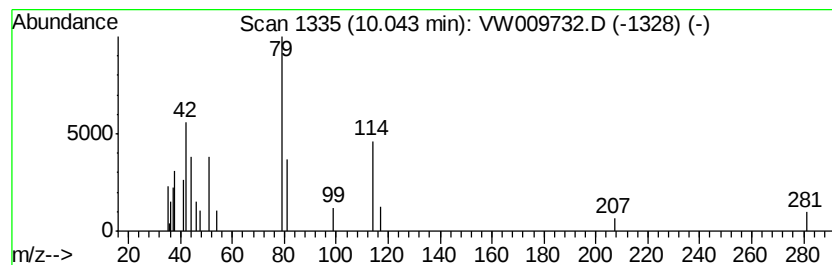
Instrument :
MSVOA_W
ClientSampleId :
BF5G6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.04	2.73 ug/L	9532	1,4-Difluorobenzene	8.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Epoxytricyclo[4.1.0.0(3,5)]h...	108	C7H8O	175879-37-5	38
2	1,2,5-Hexatriene	80	C6H8	003642-18-0	25
3	Cyclopropane, (1-methyl-1,2-prop...	94	C7H10	051549-86-1	9
4	Bicyclo[3.2.0]hept-2-en-6-one, 7...	142	C7H7ClO	020836-85-5	9
5	2-Methylenebicyclo[2.1.1]hexane	94	C7H10	005164-65-8	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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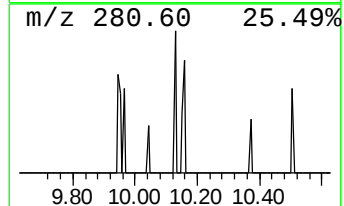
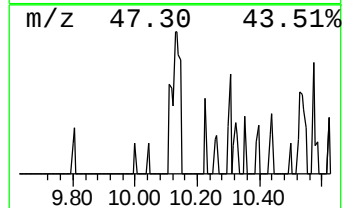
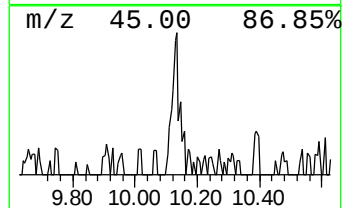
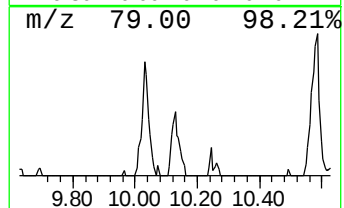
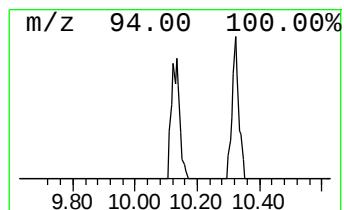
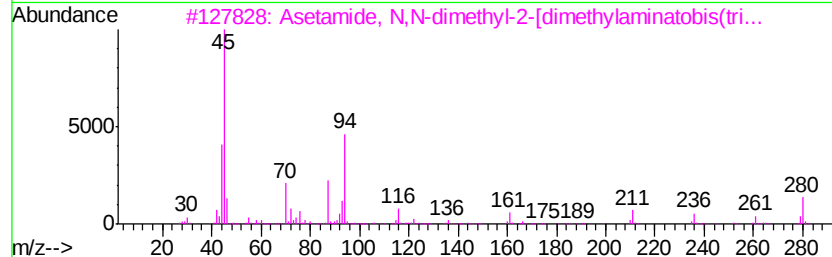
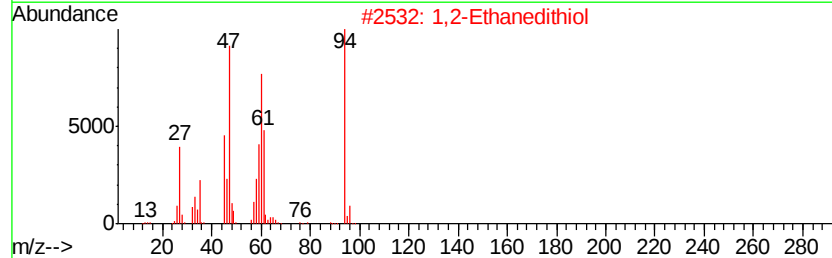
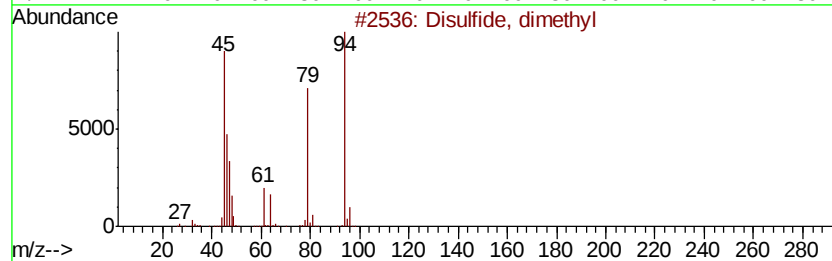
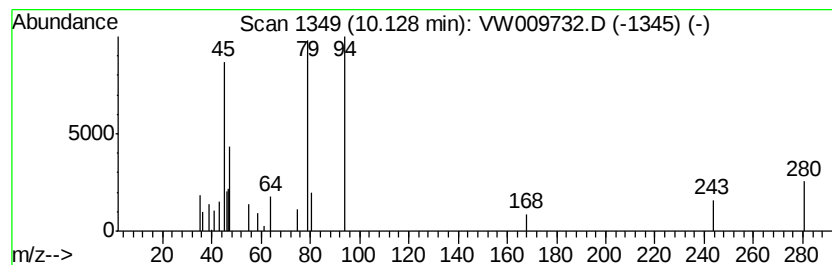
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	1.99 ug/L	6929	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	42
2		1,2-Ethanedithiol	94	C2H6S2	000540-63-6	35
3		Asetamide, N,N-dimethyl-2-[dimet...	280	C8H15BF6N2O	1000161-09-4	9
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	9
5		1,2-Ethanedithiol	94	C2H6S2	000540-63-6	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5G6RE

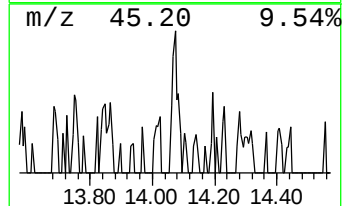
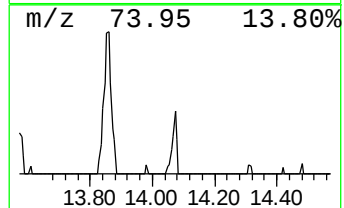
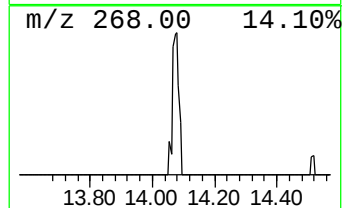
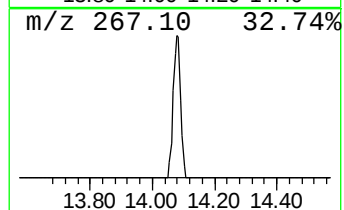
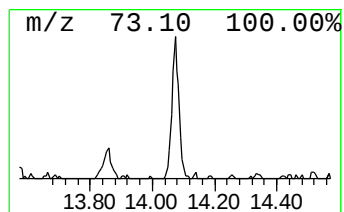
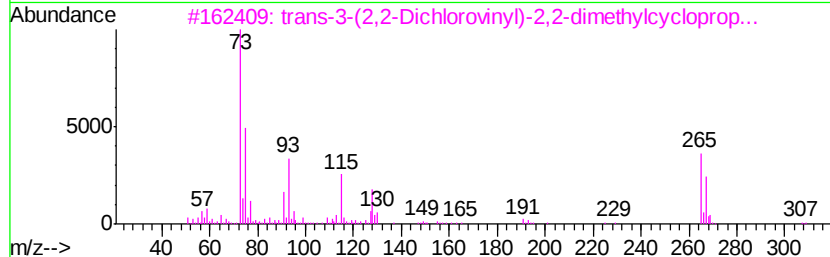
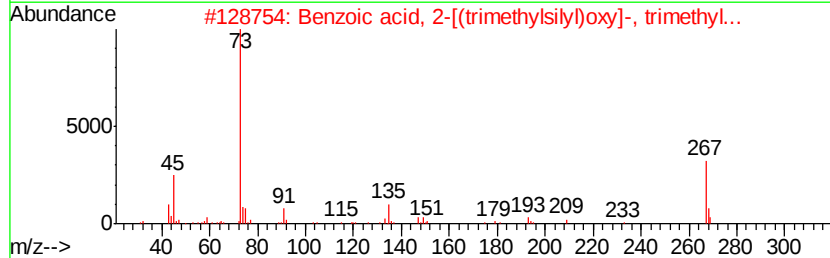
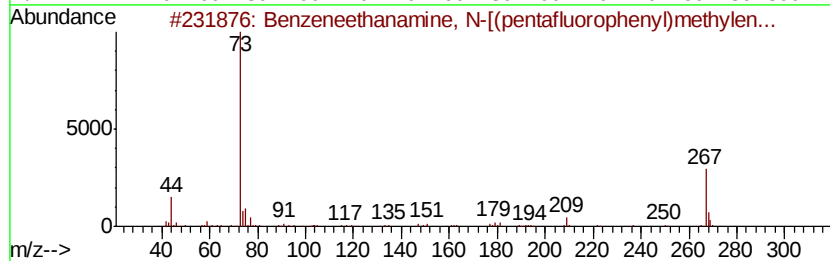
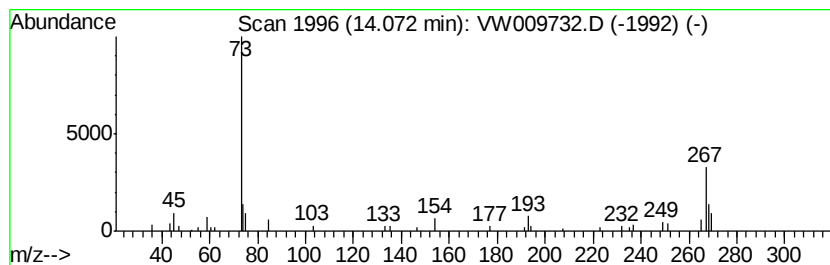
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.08 ug/L	11163	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	47
2		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	47
3		trans-3-(2,2-Dichlorovinyl)-2,2-...	322	C14H24Cl2O2Si	1000314-29-8	33
4		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	28
5		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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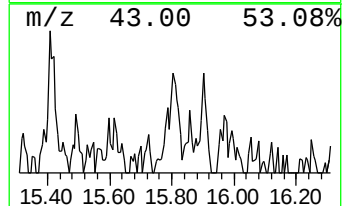
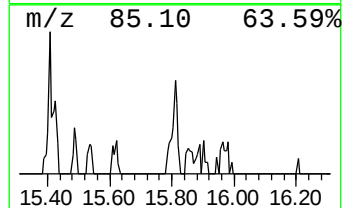
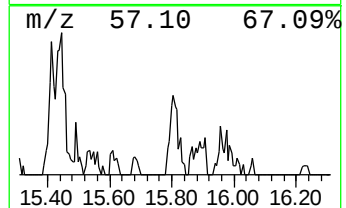
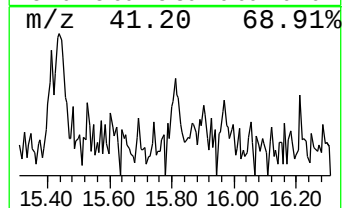
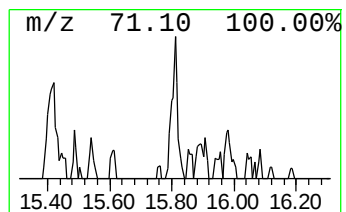
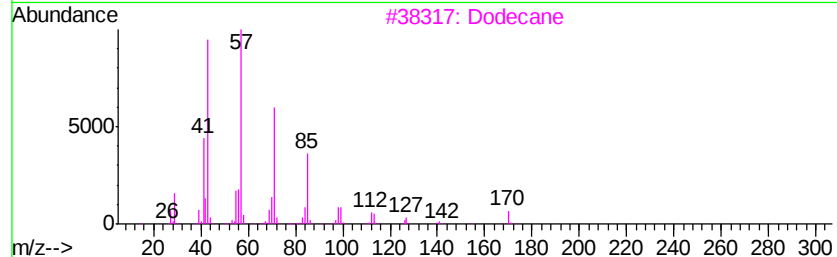
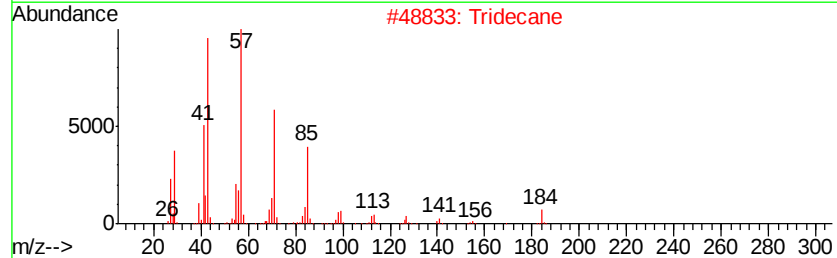
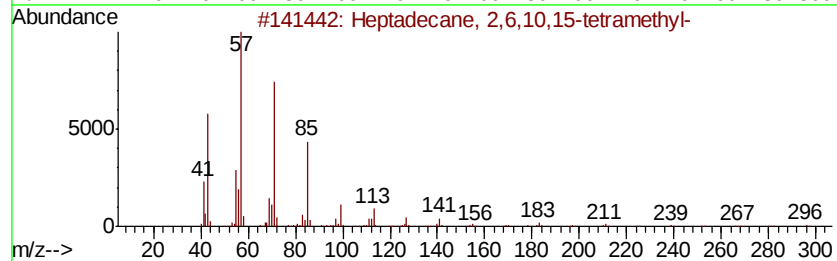
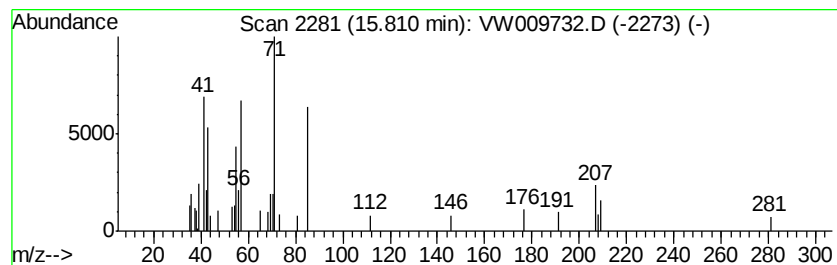
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	1.88 ug/L	10114	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	40
2			Tridecane	184	C13H28	000629-50-5	38
3			Dodecane	170	C12H26	000112-40-3	38
4			2-Bromononane	206	C9H19Br	002216-35-5	38
5			Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009732.D
Acq On : 05 Apr 2019 15:02
Operator : SY/VA
Sample : K2148-19RE
Misc : 4.21G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5G6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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	2.15	1.4	ug/L	4815	1	8.84	87169	25.0
Dimethyl sulfide	4.19	42.8	ug/L	149328	1	8.84	87169	25.0
unknown-02	5.93	2.5	ug/L	8637	1	8.84	87169	25.0
unknown-03	9.03	1.6	ug/L	5432	1	8.84	87169	25.0
unknown-04	9.88	2.0	ug/L	6997	1	8.84	87169	25.0
unknown-05	10.04	2.7	ug/L	9532	1	8.84	87169	25.0
unknown-06	10.13	2.0	ug/L	6929	1	8.84	87169	25.0
unknown-07	14.07	2.1	ug/L	11163	3	13.56	134212	25.0
(DEL) Alkane: Str...	15.81	1.9	ug/L	10114	3	13.56	134212	25.0