

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009558.D
 Acq On : 29 Mar 2019 01:45
 Operator : SY/VA
 Sample : K2068-18RE
 Misc : 4.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M4RE

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\SOM2WLM031419S.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	2.154	38	41	47	rBV5	5285	9743	0.62%	0.094%
2	2.355	67	74	88	rBV	110902	261761	16.60%	2.535%
3	2.898	155	163	180	rVB	91618	273212	17.33%	2.646%
4	3.525	259	266	294	rVB	89049	297612	18.88%	2.882%
5	4.013	334	346	358	rBV	171371	597654	37.91%	5.788%
6	4.117	360	363	369	rVV2	25475	59900	3.80%	0.580%
7	4.196	369	376	388	rVB2	63440	182601	11.58%	1.768%
8	4.592	437	441	442	rBV4	1200	1306	0.08%	0.013%
9	4.909	482	493	494	rBV	42591	92627	5.88%	0.897%
10	5.220	541	544	545	rBV3	739	913	0.06%	0.009%
11	5.421	576	577	580	rBV3	995	872	0.06%	0.008%
12	5.495	585	589	591	rBV4	1117	1397	0.09%	0.014%
13	5.702	621	623	626	rVB	1075	1067	0.07%	0.010%
14	5.775	626	635	636	rBV3	2930	6212	0.39%	0.060%
15	5.934	647	661	676	rVB5	14696	46933	2.98%	0.454%
16	6.275	713	717	721	rBV4	1007	2075	0.13%	0.020%
17	6.385	732	735	736	rBV3	3104	2915	0.18%	0.028%
18	6.598	761	770	778	rVV8	6200	18486	1.17%	0.179%
19	6.903	817	820	821	rVV3	1030	1056	0.07%	0.010%
20	6.964	827	830	831	rBV2	1727	1580	0.10%	0.015%
21	6.982	831	833	840	rVV7	1439	2896	0.18%	0.028%
22	7.086	840	850	854	rVV2	14889	45558	2.89%	0.441%
23	7.165	857	863	883	rVV	94210	267590	16.97%	2.591%
24	7.427	901	906	907	rBV4	1966	3020	0.19%	0.029%
25	7.500	911	918	928	rVB3	10336	31229	1.98%	0.302%
26	7.647	930	942	952	rVV	290355	698927	44.33%	6.768%
27	7.787	962	965	966	rBV2	946	977	0.06%	0.009%
28	7.897	982	983	987	rVB3	1141	1310	0.08%	0.013%
29	7.952	990	992	994	rBV3	1423	882	0.06%	0.009%
30	8.086	1012	1014	1017	rBV2	849	940	0.06%	0.009%
31	8.116	1017	1019	1023	rVB4	929	986	0.06%	0.010%
32	8.275	1029	1045	1060	rBV2	523674	1576584	100.00%	15.268%
33	8.543	1085	1089	1090	rBV4	2171	3048	0.19%	0.030%
34	8.842	1128	1138	1148	rBV	471491	933998	59.24%	9.045%

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35	9.006	1163	1165	1167	rBV3	961	867	0.05%	0.008%
36	9.061	1170	1174	1179	rVV7	1909	3293	0.21%	0.032%
37	9.274	1197	1209	1226	rBV	359396	746516	47.35%	7.229%
38	9.457	1237	1239	1244	rVB4	1442	1581	0.10%	0.015%
39	9.506	1244	1247	1250	rVB4	1445	1249	0.08%	0.012%
40	9.543	1250	1253	1255	rVB4	844	961	0.06%	0.009%
41	9.646	1266	1270	1271	rBV3	687	873	0.06%	0.008%
42	9.756	1285	1288	1292	rBV4	3131	4732	0.30%	0.046%
43	9.848	1300	1303	1304	rVV3	1095	1117	0.07%	0.011%
44	9.884	1306	1309	1317	rVB5	5003	9612	0.61%	0.093%
45	9.982	1322	1325	1326	rBV	888	936	0.06%	0.009%
46	10.030	1326	1333	1340	rBV2	86731	163456	10.37%	1.583%
47	10.128	1344	1349	1362	rVB2	21756	47334	3.00%	0.458%
48	10.244	1362	1368	1371	rBV5	3253	5695	0.36%	0.055%
49	10.323	1373	1381	1389	rBV	648905	1126417	71.45%	10.908%
50	10.530	1414	1415	1417	rBV3	1135	1214	0.08%	0.012%
51	10.579	1417	1423	1432	rVB	75404	129689	8.23%	1.256%
52	10.701	1438	1443	1447	rVB4	2729	3990	0.25%	0.039%
53	10.811	1451	1461	1462	rBV7	4942	11719	0.74%	0.113%
54	11.091	1502	1507	1508	rBV5	3752	5775	0.37%	0.056%
55	11.353	1548	1550	1553	rVB3	2104	1470	0.09%	0.014%
56	11.536	1578	1580	1585	rBV5	2289	3683	0.23%	0.036%
57	11.628	1588	1595	1605	rVV	556209	942412	59.78%	9.126%
58	12.146	1678	1680	1682	rBV3	1084	1396	0.09%	0.014%
59	12.170	1682	1684	1687	rVB4	1712	1731	0.11%	0.017%
60	12.243	1693	1696	1699	rBV4	1200	1256	0.08%	0.012%
61	12.365	1712	1716	1721	rVB7	3339	5838	0.37%	0.057%
62	12.469	1729	1733	1734	rBV3	2023	1848	0.12%	0.018%
63	12.524	1738	1742	1748	rVB7	3154	5476	0.35%	0.053%
64	12.603	1748	1755	1762	rBV8	4620	9940	0.63%	0.096%
65	12.695	1762	1770	1779	rBV	224444	375066	23.79%	3.632%
66	12.762	1779	1781	1784	rVB4	1011	1025	0.07%	0.010%
67	12.847	1792	1795	1797	rBV2	812	1049	0.07%	0.010%
68	12.938	1804	1810	1811	rBV5	1959	3336	0.21%	0.032%
69	13.097	1833	1836	1838	rVV3	979	1156	0.07%	0.011%
70	13.164	1845	1847	1849	rBV2	1366	1400	0.09%	0.014%
71	13.213	1849	1855	1862	rVV	91671	156626	9.93%	1.517%

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72	13.292	1863	1868	1877	rVB3	15333	30374	1.93%	0.294%
73	13.408	1881	1887	1894	rVB5	7648	14225	0.90%	0.138%
74	13.475	1895	1898	1901	rBV4	1519	2102	0.13%	0.020%
75	13.560	1905	1912	1918	rBV	329450	524402	33.26%	5.078%
76	13.707	1933	1936	1938	rBV4	1560	1882	0.12%	0.018%
77	13.774	1939	1947	1952	rVB9	3309	8341	0.53%	0.081%
78	13.853	1953	1960	1968	rBV	283521	469117	29.76%	4.543%
79	14.078	1992	1997	2002	rBV2	3610	6703	0.43%	0.065%
80	14.335	2033	2039	2040	rBV5	1032	1750	0.11%	0.017%
81	14.505	2065	2067	2070	rVB3	1184	1257	0.08%	0.012%
82	14.536	2070	2072	2075	rVB2	1141	1214	0.08%	0.012%
83	14.627	2083	2087	2090	rBV3	2317	3026	0.19%	0.029%
84	14.658	2090	2092	2095	rBV3	992	1090	0.07%	0.011%
85	14.926	2133	2136	2138	rBV3	911	1038	0.07%	0.010%
86	15.048	2152	2156	2158	rBV4	1251	1871	0.12%	0.018%
87	15.097	2162	2164	2166	rVV3	1349	1340	0.08%	0.013%
88	15.176	2174	2177	2181	rVV5	1120	1621	0.10%	0.016%
89	15.249	2184	2189	2191	rBV2	1901	2305	0.15%	0.022%
90	15.286	2193	2195	2196	rBV	1233	1047	0.07%	0.010%
91	15.444	2212	2221	2226	rVV4	8467	17927	1.14%	0.174%
92	15.505	2226	2231	2238	rVV2	6700	13118	0.83%	0.127%
93	15.572	2241	2242	2245	rVB3	1022	929	0.06%	0.009%
94	15.603	2245	2247	2248	rBV2	1343	1048	0.07%	0.010%
95	15.865	2287	2290	2293	rBV4	908	1301	0.08%	0.013%
96	16.048	2317	2320	2328	rBV8	1232	3329	0.21%	0.032%
97	16.377	2373	2374	2376	rBV2	1350	935	0.06%	0.009%
98	16.450	2384	2386	2389	rVB4	1160	1193	0.08%	0.012%
99	16.487	2389	2392	2394	rBV3	1160	1207	0.08%	0.012%
100	16.779	2438	2440	2441	rBV2	1395	1010	0.06%	0.010%

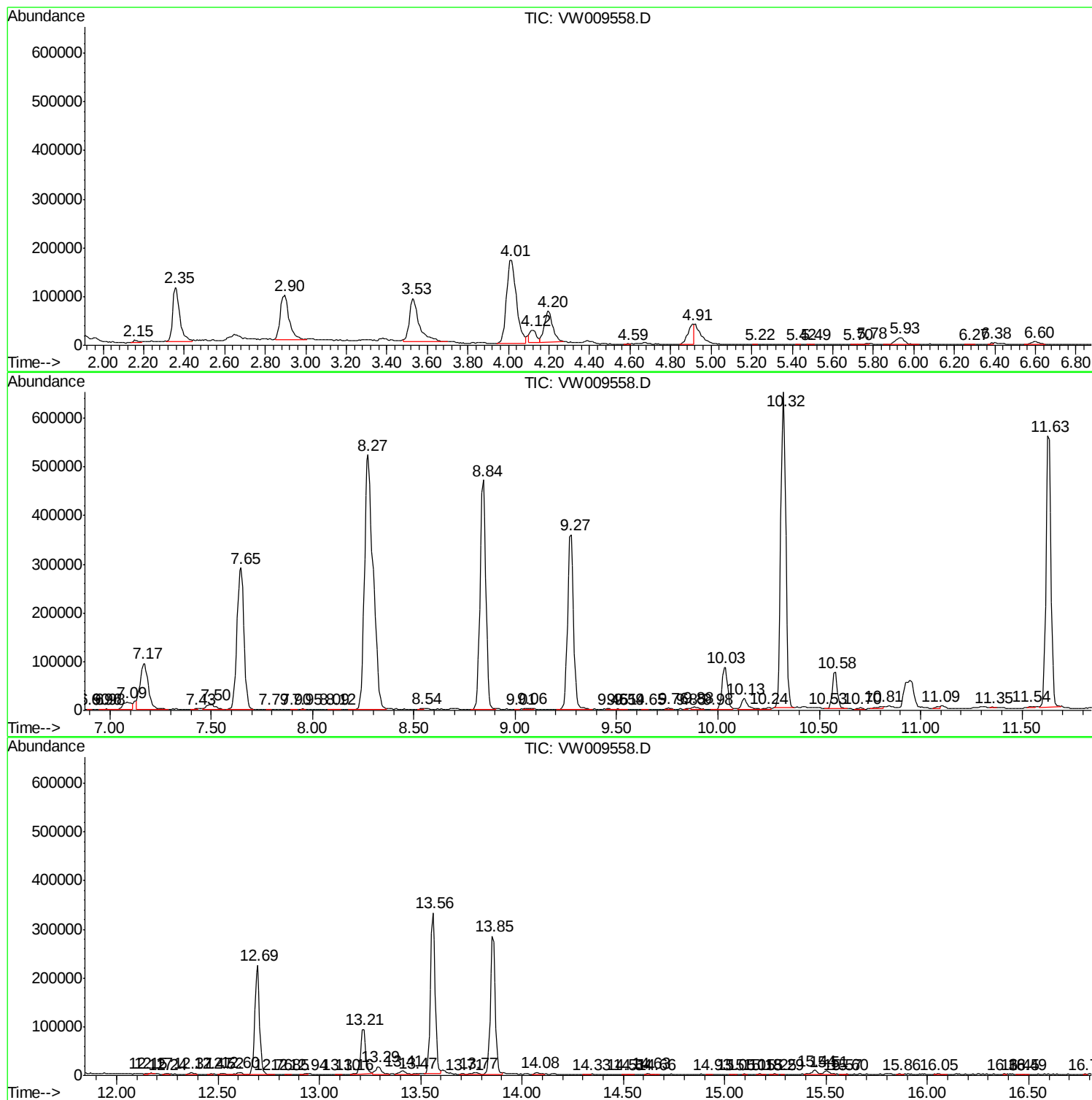
Sum of corrected areas: 10326303

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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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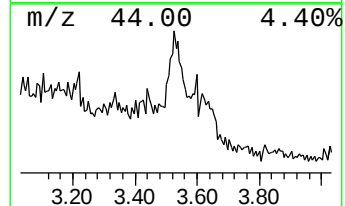
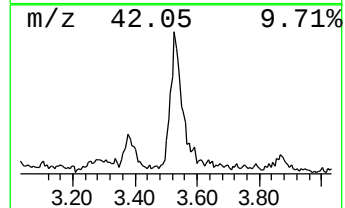
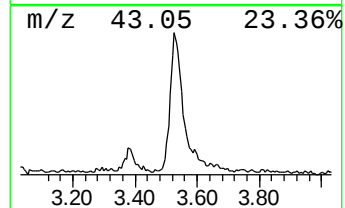
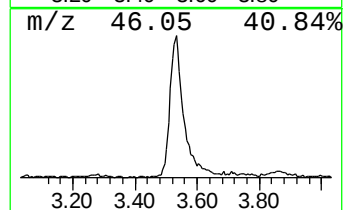
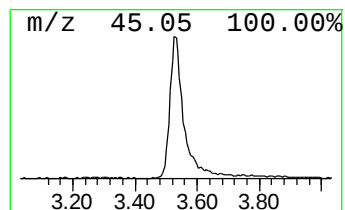
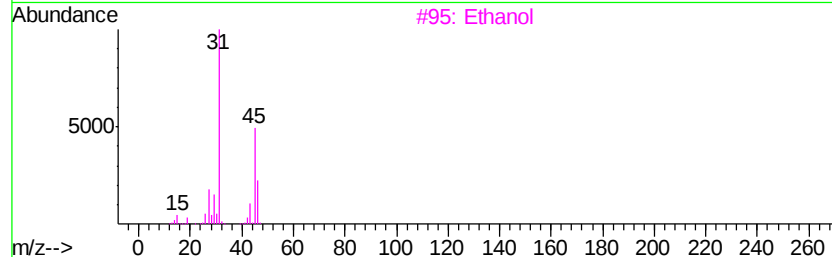
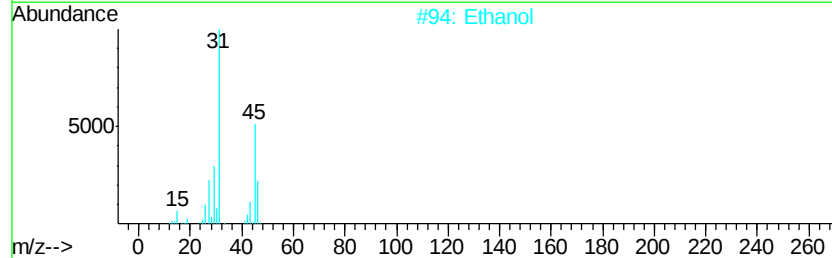
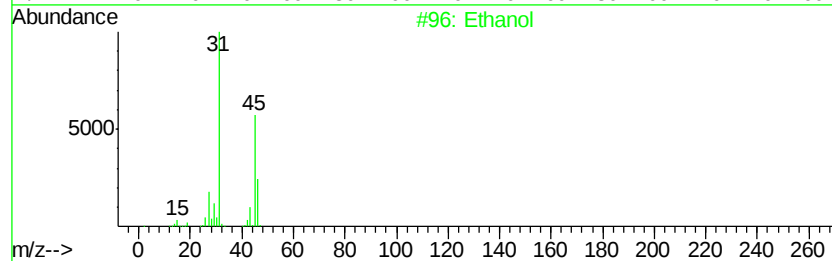
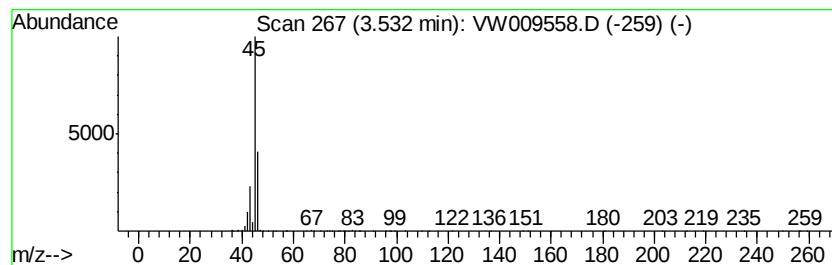
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	7.97 ug/L	297612	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	64
2		Ethanol	46	C2H6O	000064-17-5	56
3		Ethanol	46	C2H6O	000064-17-5	43
4		Dimethyl ether	46	C2H6O	000115-10-6	9
5		Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	5



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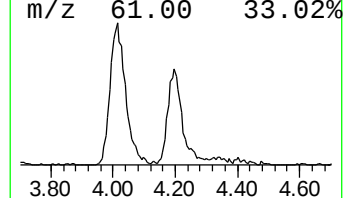
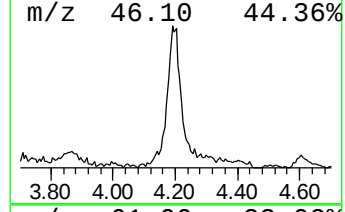
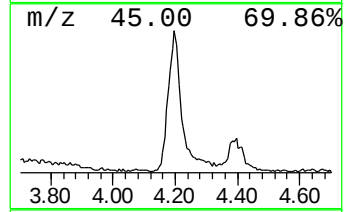
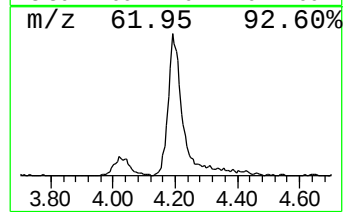
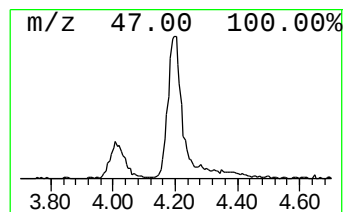
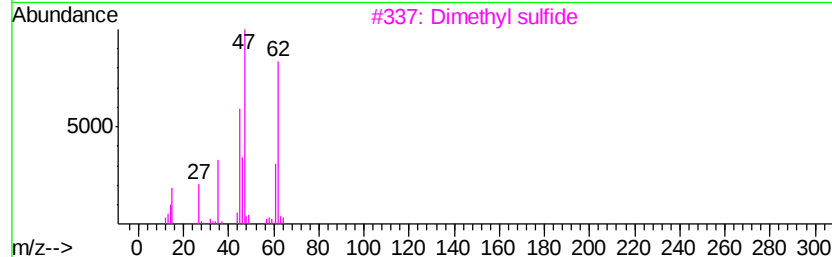
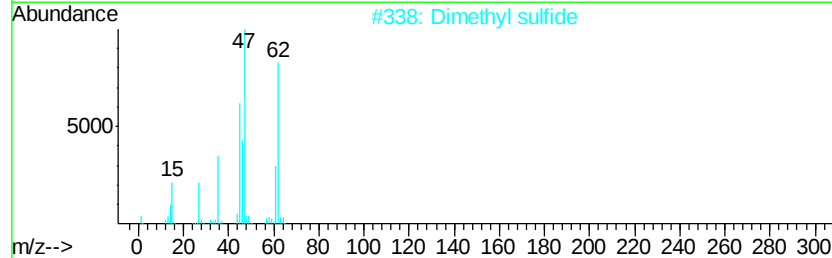
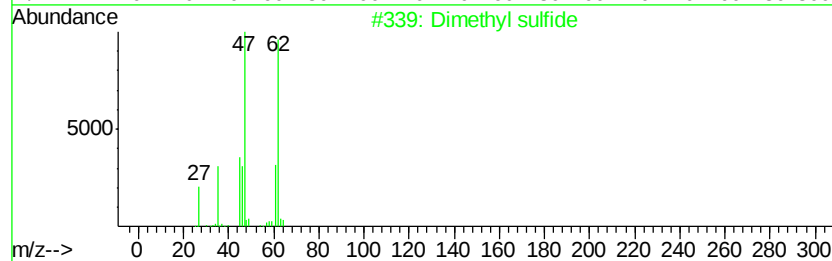
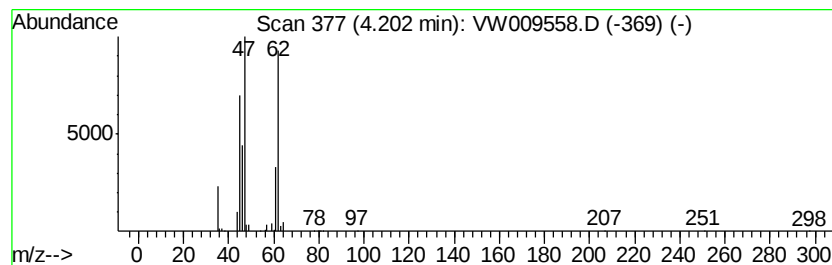
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Quant Title : VOC Analysis

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

Peak Number 2 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	4.89 ug/L	182601	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	90
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	86



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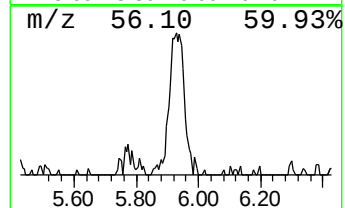
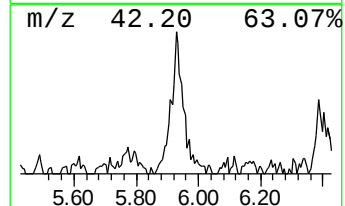
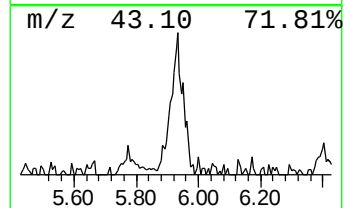
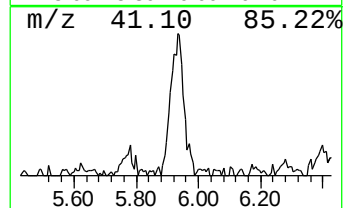
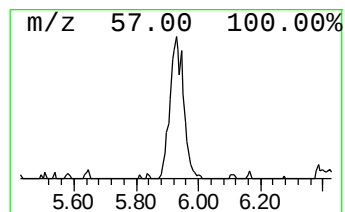
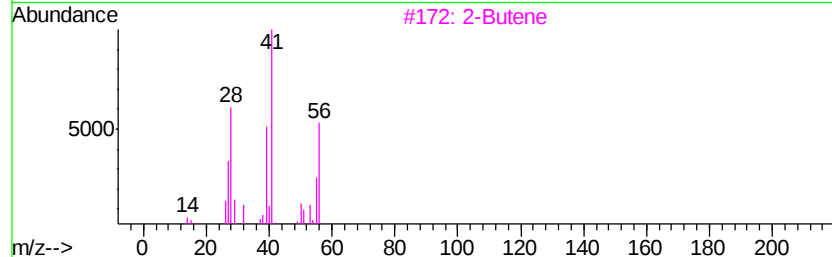
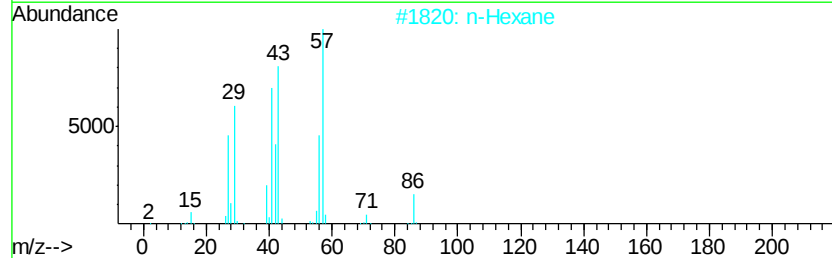
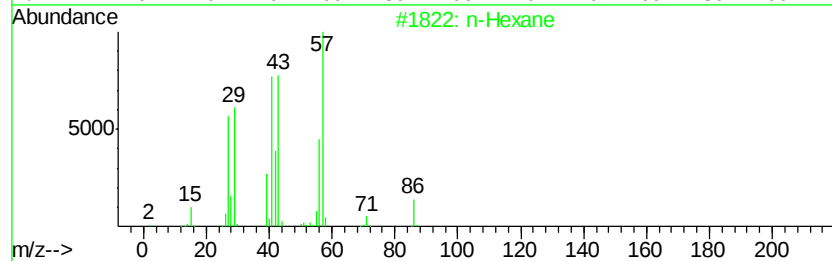
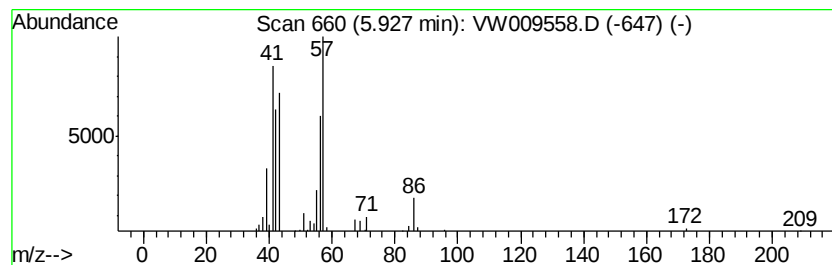
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.26 ug/L	46933	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	43
2		n-Hexane	86	C6H14	000110-54-3	38
3		2-Butene	56	C4H8	000107-01-7	38
4		n-Hexane	86	C6H14	000110-54-3	38
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009558.D
Acq On : 29 Mar 2019 01:45
Operator : SY/VA
Sample : K2068-18RE
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M4RE

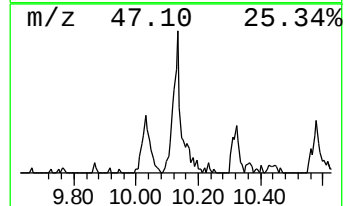
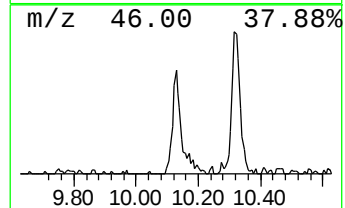
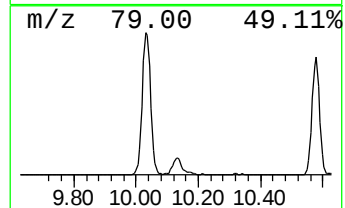
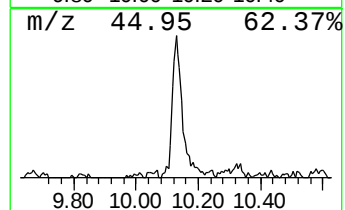
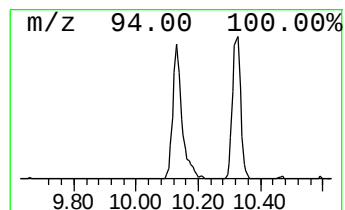
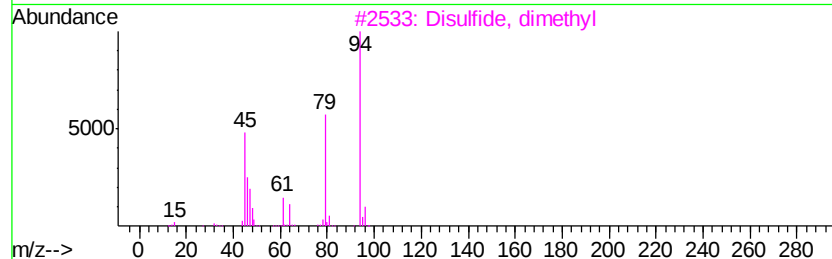
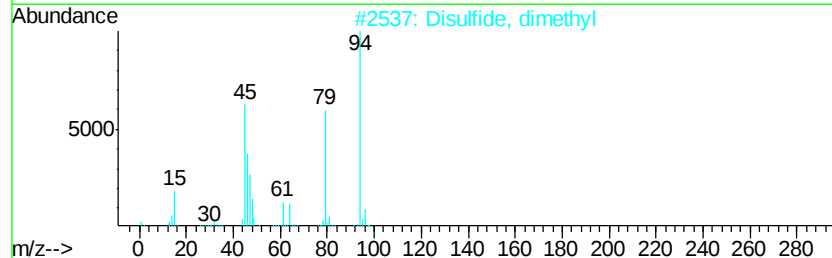
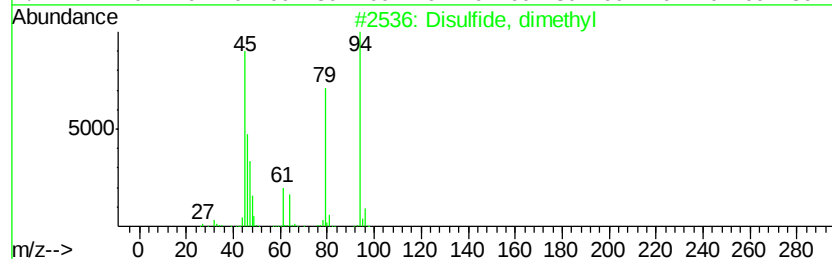
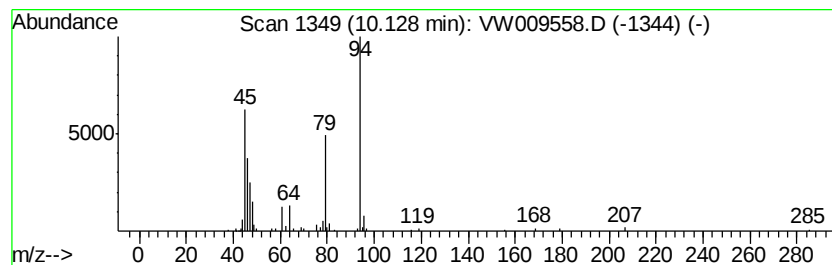
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Quant Title : VOC Analysis

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

Peak Number 5 Disulfide, dimethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	1.27 ug/L	47334	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	72
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009558.D
Acq On : 29 Mar 2019 01:45
Operator : SY/VA
Sample : K2068-18RE
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M4RE

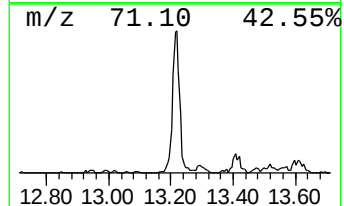
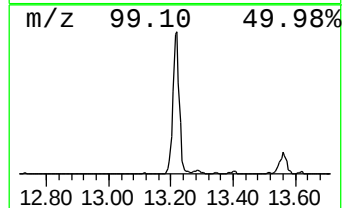
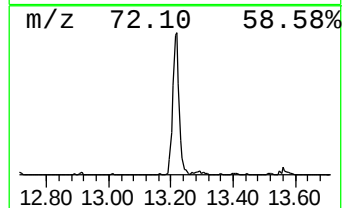
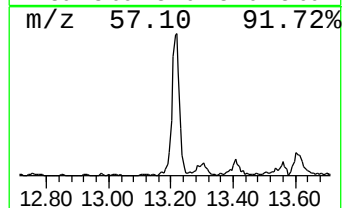
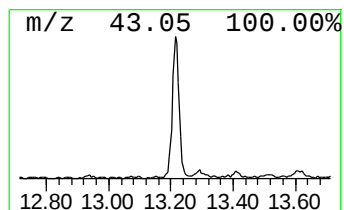
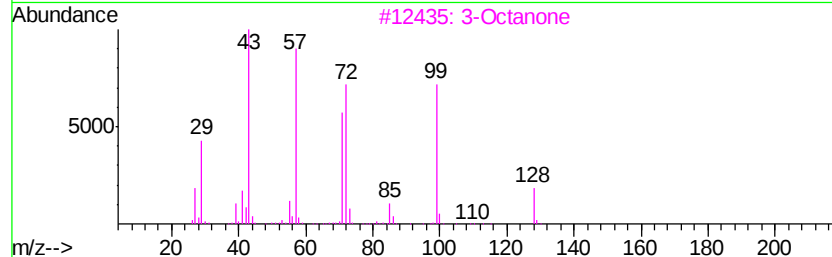
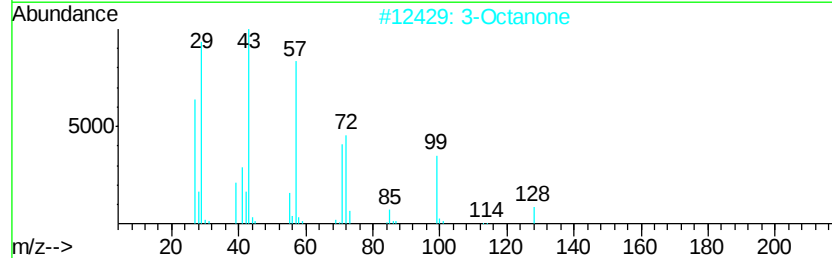
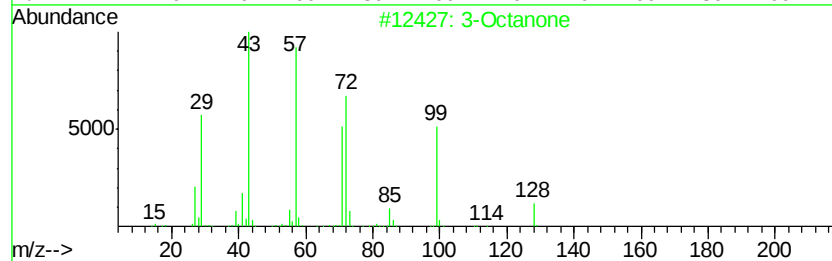
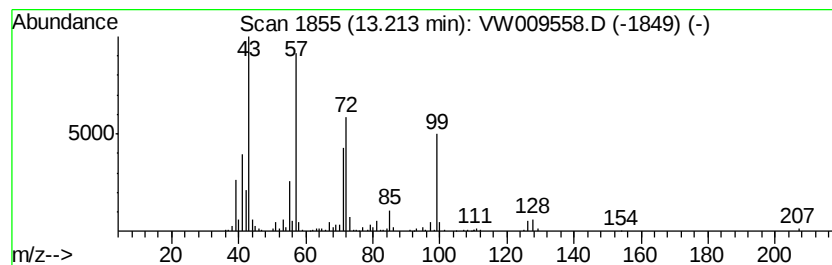
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Quant Title : VOC Analysis

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

Peak Number 6 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	7.47 ug/L	156626	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanone	128	C8H16O	000106-68-3	87
2		3-Octanone	128	C8H16O	000106-68-3	78
3		3-Octanone	128	C8H16O	000106-68-3	50
4		3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	49
5		Butanal, 2-ethyl-	100	C6H12O	000097-96-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009558.D
Acq On : 29 Mar 2019 01:45
Operator : SY/VA
Sample : K2068-18RE
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M4RE

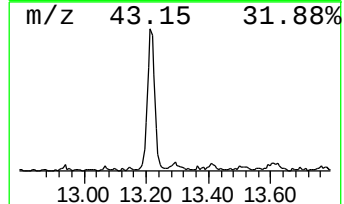
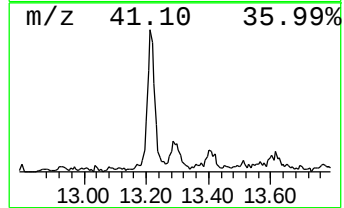
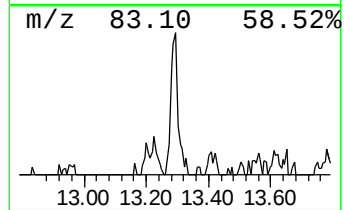
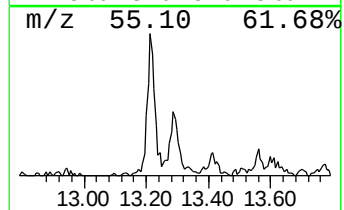
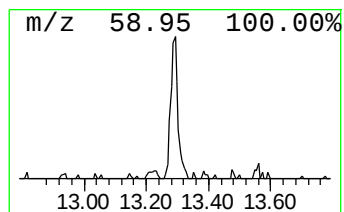
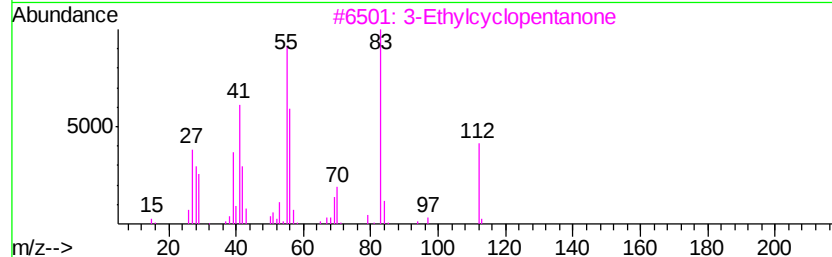
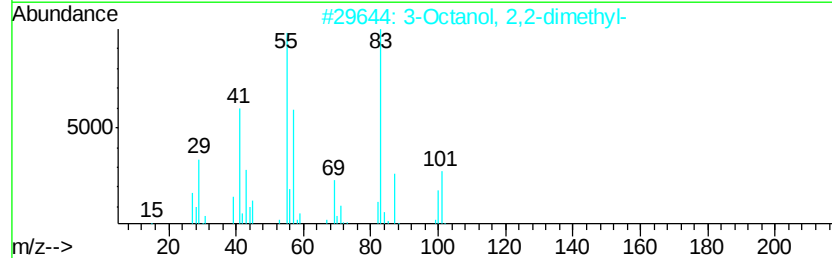
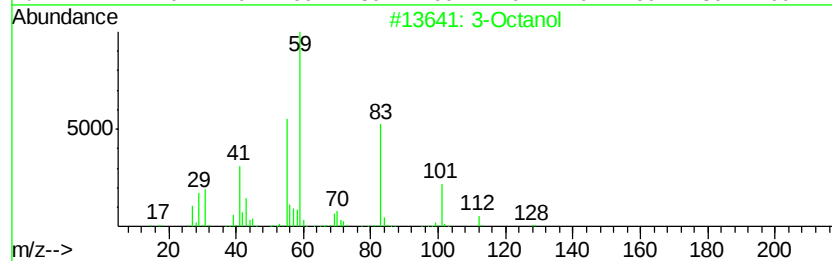
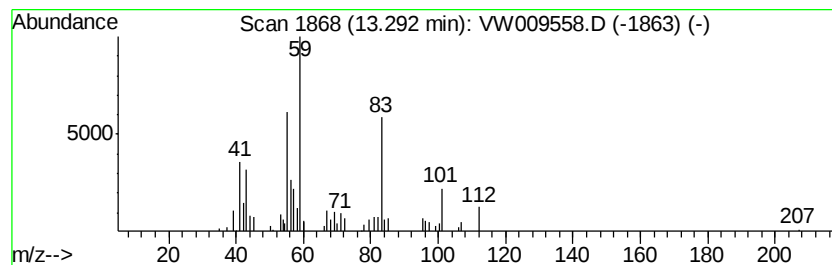
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 7 3-Octanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.45 ug/L	30374	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanol	130	C8H18O	000589-98-0	64
2		3-Octanol, 2,2-dimethyl-	158	C10H22O	019841-72-6	22
3		3-Ethylcyclopentanone	112	C7H12O	010264-55-8	22
4		trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	18
5		3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009558.D
Acq On : 29 Mar 2019 01:45
Operator : SY/VA
Sample : K2068-18RE
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M4RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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
Ethanol	3.53	8.0	ug/L	297612	1	8.84	933998	25.0
Dimethyl sulfide	4.20	4.9	ug/L	182601	1	8.84	933998	25.0
(DEL) Alkane: Str...	5.93	1.3	ug/L	46933	1	8.84	933998	25.0
Disulfide, dimethyl	10.13	1.3	ug/L	47334	1	8.84	933998	25.0
3-Octanone	13.21	7.5	ug/L	156626	3	13.56	524402	25.0
3-Octanol	13.29	1.5	ug/L	30374	3	13.56	524402	25.0