

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011289.D
 Acq On : 16 Jul 2019 16:39
 Operator : SY/VA
 Sample : K3798-06RE
 Misc : 4.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H0RE

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	5	14	30	rVB	29645	78653	8.25%	0.891%
2	2.147	37	40	45	rBV3	1836	3798	0.40%	0.043%
3	2.349	66	73	86	rVB2	63406	123736	12.99%	1.401%
4	2.489	91	96	107	rBV	24685	57943	6.08%	0.656%
5	2.800	143	147	152	rBV	2857	4553	0.48%	0.052%
6	2.879	153	160	171	rVV	33280	84063	8.82%	0.952%
7	3.050	186	188	191	rBV4	844	1160	0.12%	0.013%
8	3.092	193	195	197	rVV3	1446	1338	0.14%	0.015%
9	3.123	197	200	201	rVV3	2280	2593	0.27%	0.029%
10	3.141	201	203	214	rVB6	4184	8637	0.91%	0.098%
11	3.379	237	242	249	rVB4	1566	3701	0.39%	0.042%
12	3.537	263	268	275	rBV4	2016	5406	0.57%	0.061%
13	3.714	290	297	312	rVB3	4026	14999	1.57%	0.170%
14	4.013	333	346	357	rBV2	87554	299923	31.48%	3.396%
15	4.117	357	363	374	rVB	40844	111147	11.66%	1.258%
16	4.379	398	406	416	rBV3	4880	17059	1.79%	0.193%
17	4.671	444	454	464	rVB2	3196	10353	1.09%	0.117%
18	4.921	487	495	496	rBV5	2160	4795	0.50%	0.054%
19	5.415	566	576	587	rBV3	6742	20925	2.20%	0.237%
20	5.787	624	637	652	rBV2	8404	28130	2.95%	0.318%
21	5.933	652	661	669	rBV5	1811	5823	0.61%	0.066%
22	6.104	683	689	690	rBV3	822	1119	0.12%	0.013%
23	6.592	763	769	779	rBV7	2017	5669	0.59%	0.064%
24	6.897	811	819	828	rBV6	3368	10527	1.10%	0.119%
25	7.073	838	848	854	rBV	69790	189501	19.89%	2.146%
26	7.165	854	863	877	rVB	323258	866942	90.99%	9.816%
27	7.421	899	905	911	rVB4	533	1237	0.13%	0.014%
28	7.646	929	942	956	rVB	150253	381157	40.00%	4.316%
29	8.274	1035	1045	1062	rBV2	301408	952826	100.00%	10.788%
30	8.390	1062	1064	1068	rBV5	810	1320	0.14%	0.015%
31	8.549	1086	1090	1099	rVV7	2848	6715	0.70%	0.076%
32	8.689	1108	1113	1114	rBV3	1622	1942	0.20%	0.022%
33	8.707	1114	1116	1122	rVB4	2063	2803	0.29%	0.032%
34	8.841	1129	1138	1150	rVV	310074	609029	63.92%	6.896%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Title : VOC Analysis

35	9.091	1165	1179	1189	rBV	130326	272583	28.61%	3.086%
36	9.274	1197	1209	1225	rBV	233909	484575	50.86%	5.486%
37	9.408	1225	1231	1238	rVV2	3565	7642	0.80%	0.087%
38	9.658	1267	1272	1283	rVB3	3466	7799	0.82%	0.088%
39	9.908	1307	1313	1317	rBV4	1239	2121	0.22%	0.024%
40	10.036	1323	1334	1344	rBV	111975	211164	22.16%	2.391%
41	10.128	1344	1349	1357	rVB8	2255	5997	0.63%	0.068%
42	10.323	1371	1381	1388	rBV	380927	660542	69.32%	7.479%
43	10.384	1388	1391	1399	rVB	15026	25901	2.72%	0.293%
44	10.494	1403	1409	1416	rBV7	1421	2842	0.30%	0.032%
45	10.579	1416	1423	1431	rBV	78949	138732	14.56%	1.571%
46	10.701	1436	1443	1452	rVB	35158	65122	6.83%	0.737%
47	10.774	1452	1455	1461	rVB6	1074	1767	0.19%	0.020%
48	10.829	1461	1464	1469	rVB4	1365	2026	0.21%	0.023%
49	10.926	1473	1480	1491	rBV	246369	429922	45.12%	4.868%
50	11.073	1499	1504	1510	rVB3	6665	11483	1.21%	0.130%
51	11.176	1517	1521	1523	rBV3	1041	1369	0.14%	0.016%
52	11.225	1524	1529	1534	rBV7	1049	2371	0.25%	0.027%
53	11.402	1551	1558	1563	rBV8	1476	3080	0.32%	0.035%
54	11.445	1563	1565	1571	rVB4	869	1326	0.14%	0.015%
55	11.518	1574	1577	1588	rVB9	1500	3414	0.36%	0.039%
56	11.634	1588	1596	1607	rBV	375903	653644	68.60%	7.401%
57	11.841	1621	1630	1631	rBV6	3030	5259	0.55%	0.060%
58	11.871	1633	1635	1640	rVB4	4390	5563	0.58%	0.063%
59	12.133	1672	1678	1680	rBV6	2058	3791	0.40%	0.043%
60	12.249	1692	1697	1702	rVB7	2346	4629	0.49%	0.052%
61	12.359	1706	1715	1723	rVB6	4958	14399	1.51%	0.163%
62	12.463	1727	1732	1736	rVB7	1924	3483	0.37%	0.039%
63	12.524	1736	1742	1749	rVB9	1733	4129	0.43%	0.047%
64	12.609	1749	1756	1762	rBV	74057	122220	12.83%	1.384%
65	12.694	1762	1770	1778	rBV	229180	377499	39.62%	4.274%
66	12.774	1778	1783	1792	rVB8	5884	13561	1.42%	0.154%
67	12.853	1792	1796	1798	rBV4	3107	4541	0.48%	0.051%
68	12.932	1802	1809	1812	rBV5	5946	13047	1.37%	0.148%
69	13.048	1824	1828	1829	rBV3	1184	1863	0.20%	0.021%
70	13.078	1829	1833	1838	rVV6	2850	4118	0.43%	0.047%
71	13.127	1838	1841	1843	rBV3	2757	3742	0.39%	0.042%

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Integration Parameters: LSCINT.P

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72	13.164	1843	1847	1850	rBV6	5251	7917	0.83%	0.090%
73	13.274	1859	1865	1868	rBV5	6537	15080	1.58%	0.171%
74	13.383	1880	1883	1884	rBV3	2525	2639	0.28%	0.030%
75	13.408	1884	1887	1891	rVV4	4433	7701	0.81%	0.087%
76	13.487	1896	1900	1904	rVB6	4069	6060	0.64%	0.069%
77	13.560	1905	1912	1919	rBV	288107	462118	48.50%	5.232%
78	13.652	1924	1927	1930	rVV4	5819	8776	0.92%	0.099%
79	13.700	1932	1935	1939	rVB5	5912	8421	0.88%	0.095%
80	13.853	1951	1960	1969	rBV	249639	458097	48.08%	5.187%
81	13.987	1978	1982	1984	rBV4	5199	7588	0.80%	0.086%
82	14.072	1991	1996	2004	rBV2	29682	48109	5.05%	0.545%
83	14.194	2014	2016	2018	rBV2	2845	2712	0.28%	0.031%
84	14.261	2020	2027	2034	rBV10	7377	16570	1.74%	0.188%
85	14.328	2034	2038	2042	rBV7	8248	14057	1.48%	0.159%
86	14.389	2043	2048	2052	rVV4	15907	25647	2.69%	0.290%
87	14.548	2063	2074	2080	rBV5	22265	58263	6.11%	0.660%
88	14.603	2080	2083	2089	rVB6	5151	8946	0.94%	0.101%
89	14.664	2090	2093	2096	rVB4	6116	8342	0.88%	0.094%
90	14.737	2101	2105	2111	rVV7	6543	14866	1.56%	0.168%
91	14.804	2113	2116	2119	rVV5	7505	13240	1.39%	0.150%
92	14.853	2120	2124	2129	rVB6	14469	28745	3.02%	0.325%
93	14.974	2140	2144	2147	rBV6	8041	13727	1.44%	0.155%
94	15.127	2164	2169	2172	rBV7	5197	10680	1.12%	0.121%
95	15.249	2185	2189	2198	rVB7	11975	23888	2.51%	0.270%
96	15.334	2199	2203	2210	rVB4	11995	20737	2.18%	0.235%
97	15.584	2239	2244	2249	rBV7	4375	8972	0.94%	0.102%
98	15.736	2265	2269	2277	rVB9	11297	22571	2.37%	0.256%
99	16.291	2357	2360	2365	rVB4	5171	8916	0.94%	0.101%
100	16.541	2399	2401	2404	rBV4	1699	2051	0.22%	0.023%

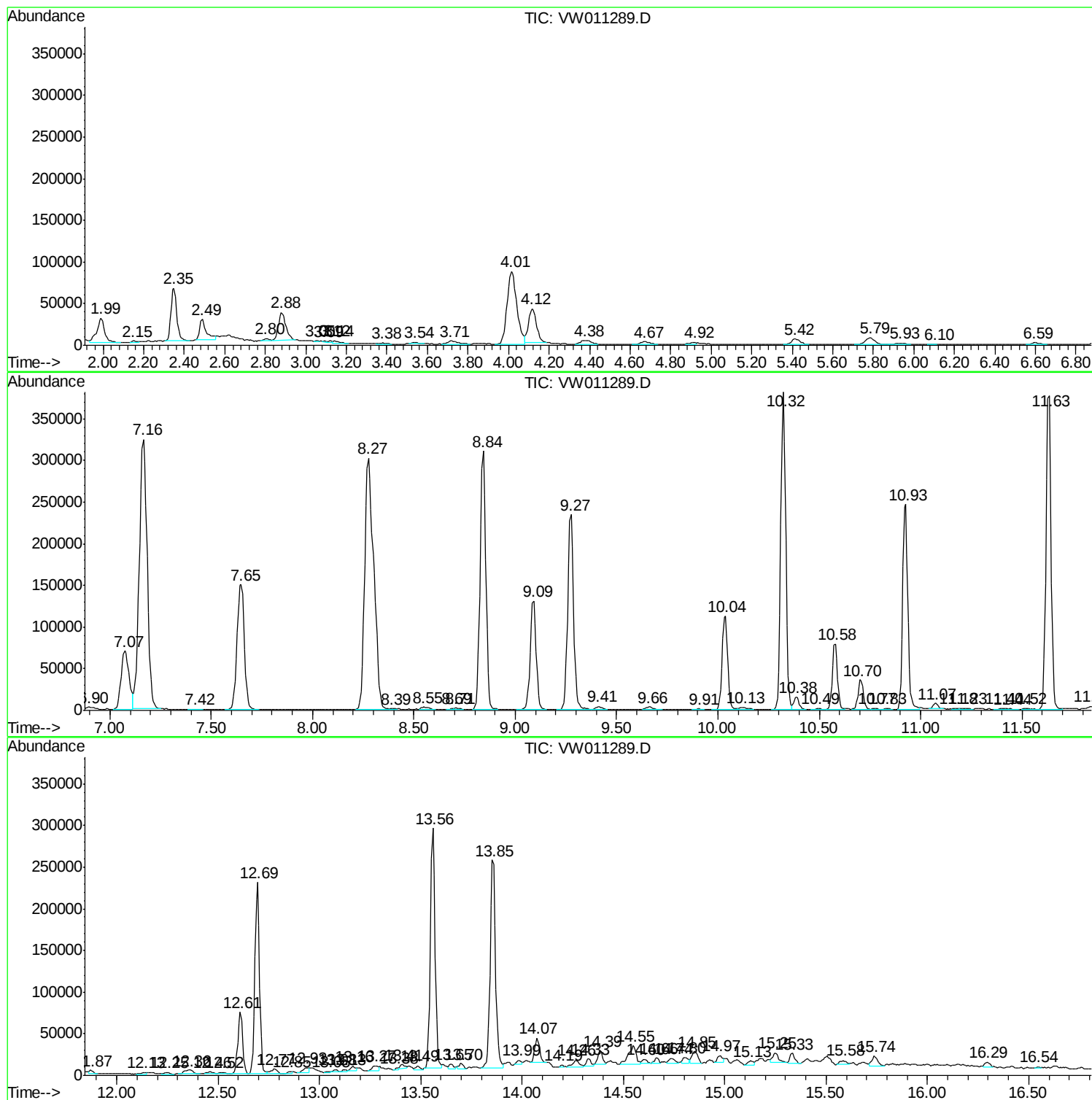
Sum of corrected areas: 8832224

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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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Misc : 4.42G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

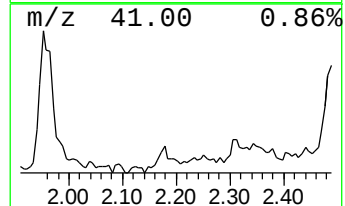
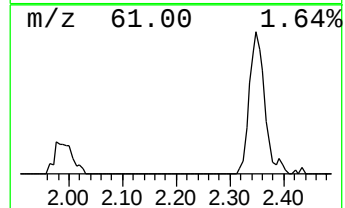
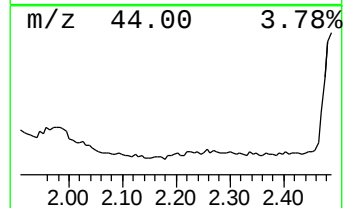
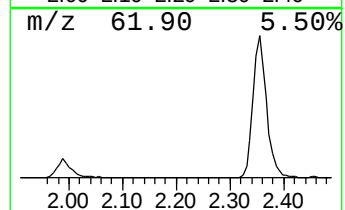
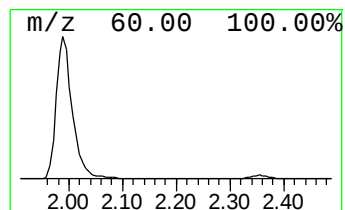
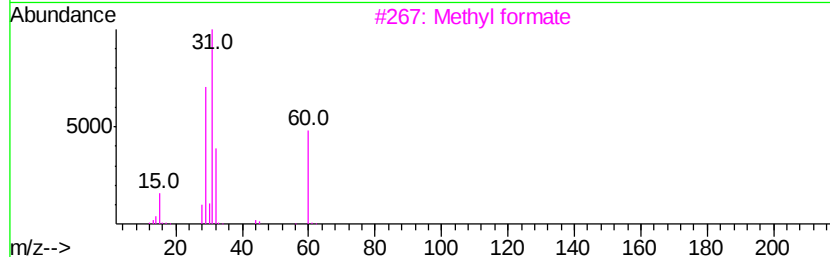
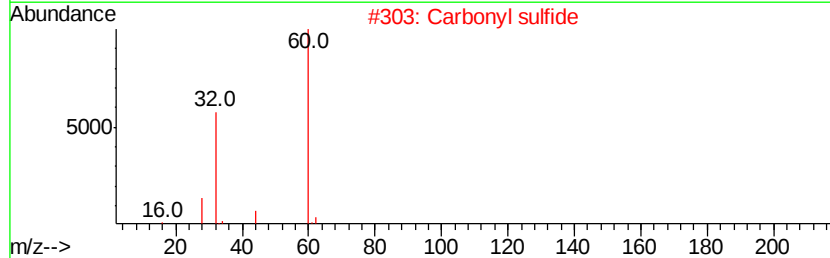
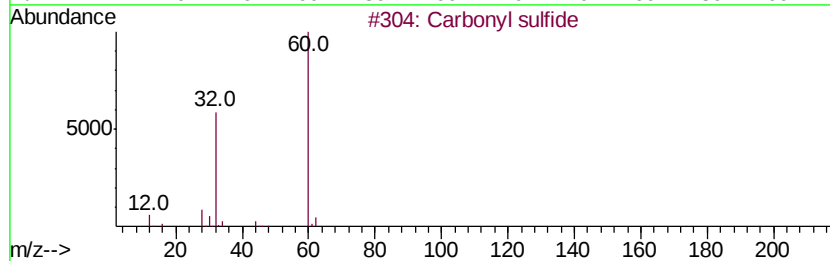
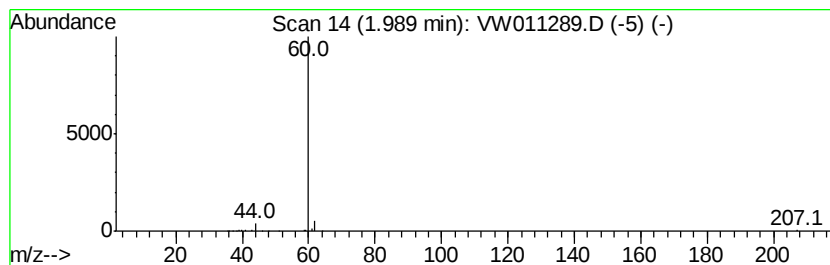
Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

Quant Method : Z:\V0ASRV\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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	3.23 ug/L	78653	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Carbonyl sulfide	60 COS	000463-58-1	9
2	Carbonyl sulfide	60 COS	000463-58-1	5
3	Methyl formate	60 C2H4O2	000107-31-3	4
4	Methyl formate	60 C2H4O2	000107-31-3	4
5	Urea	60 CH4N2O	000057-13-6	4



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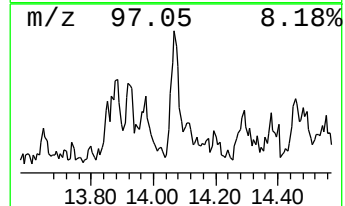
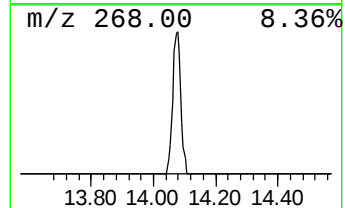
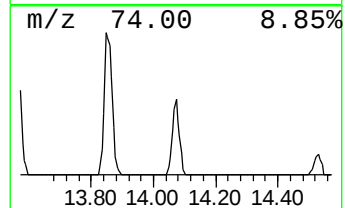
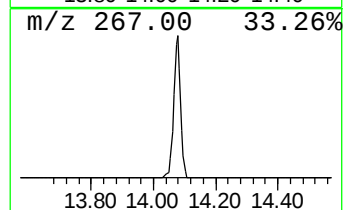
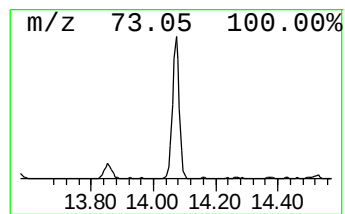
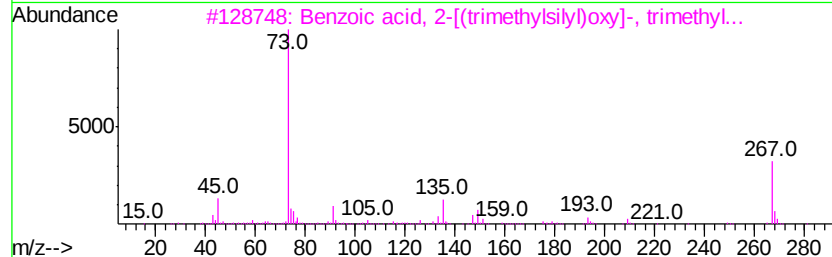
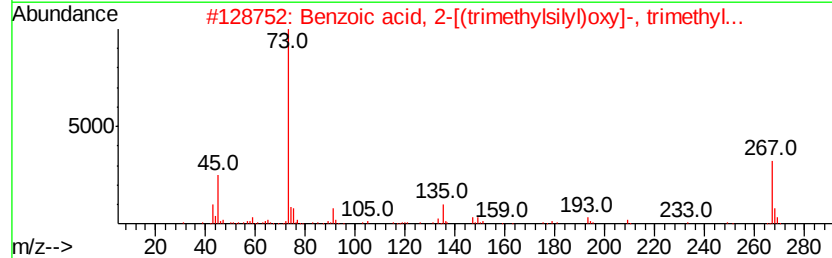
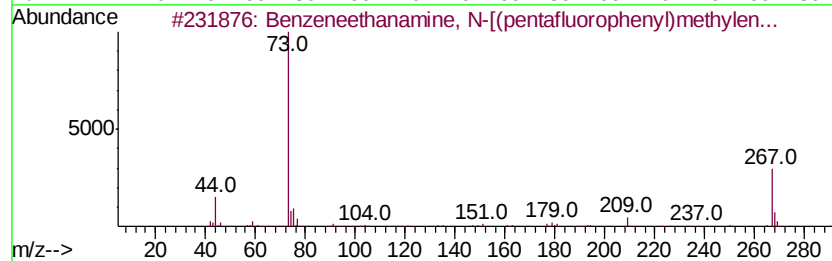
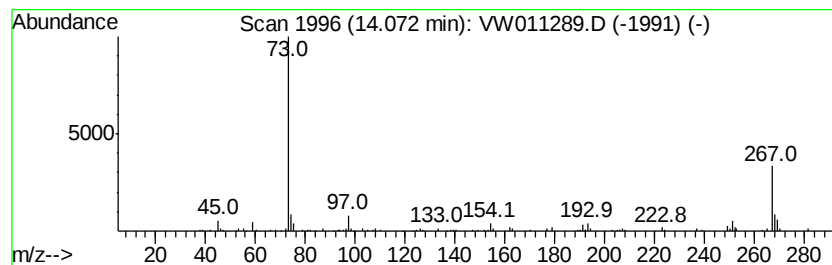
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 6 Benzeneethanamine, N-[(pent... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.60 ug/L	48109	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzeneethanamine, N-[(pentafluoro...	475 C21H26F5N02Si2	055429-85-1 64
2		Benzoic acid, 2-[(trimethylsilyl)...	282 C13H22O3Si2	003789-85-3 45
3		Benzoic acid, 2-[(trimethylsilyl)...	282 C13H22O3Si2	003789-85-3 42
4		Benzoic acid, 2-[(trimethylsilyl)...	282 C13H22O3Si2	003789-85-3 37
5		Benzoic acid, 2-[(trimethylsilyl)...	282 C13H22O3Si2	003789-85-3 25



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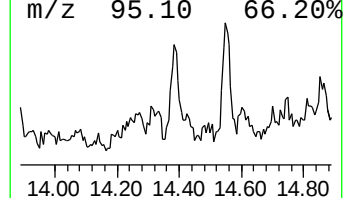
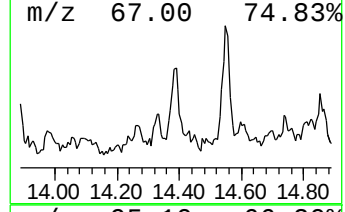
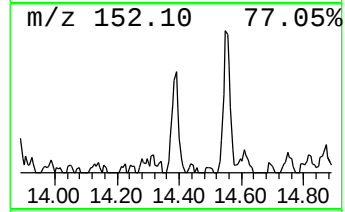
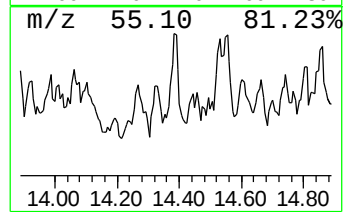
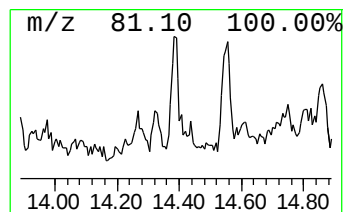
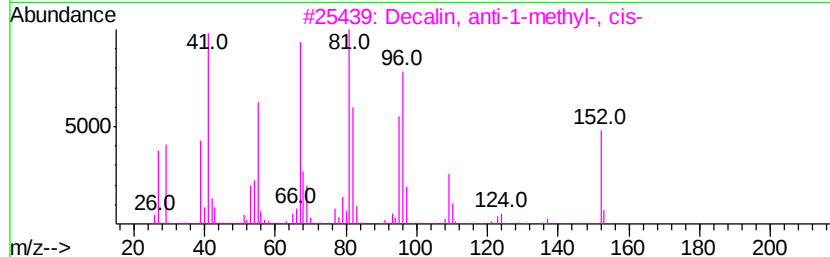
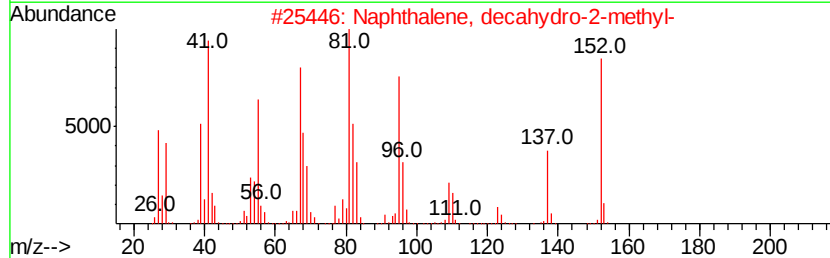
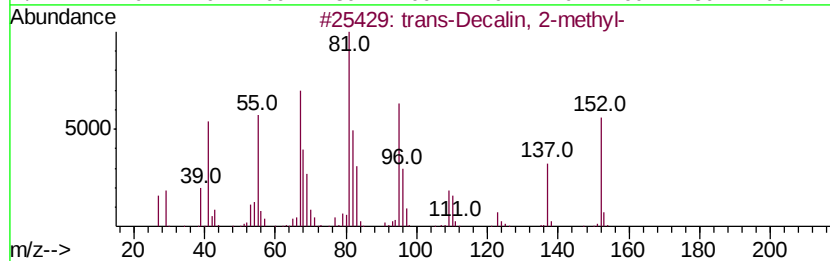
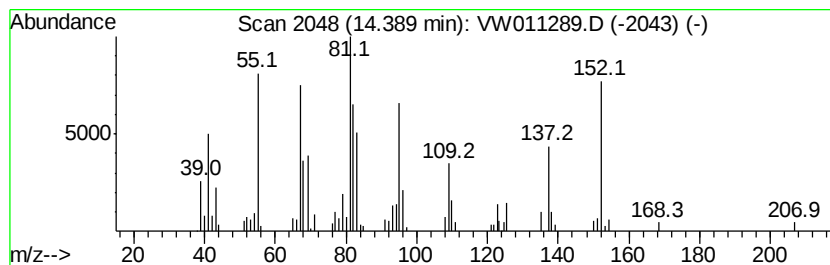
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Quant Title : VOC Analysis

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.39	1.39 ug/L	25647	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
3	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	62
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	62
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011289.D
Acq On : 16 Jul 2019 16:39
Operator : SY/VA
Sample : K3798-06RE
Misc : 4.42G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

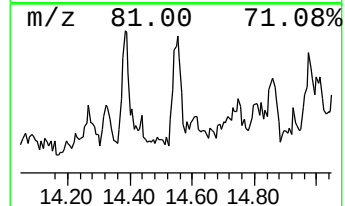
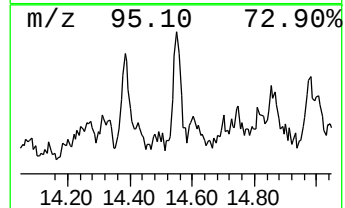
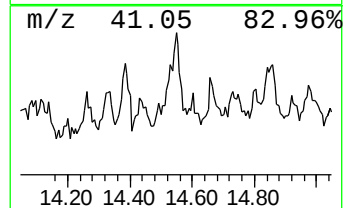
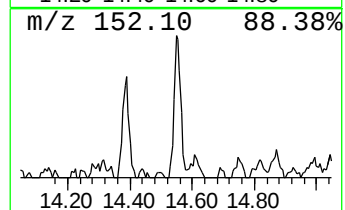
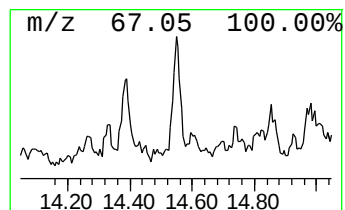
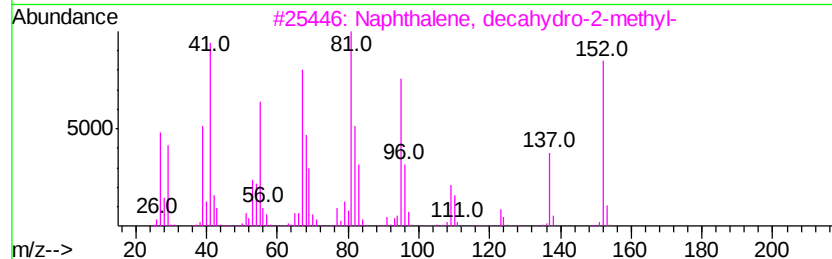
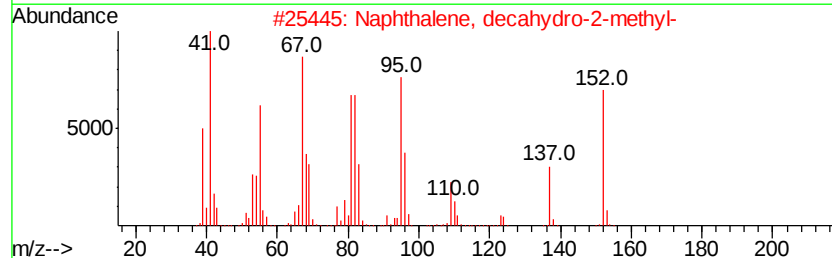
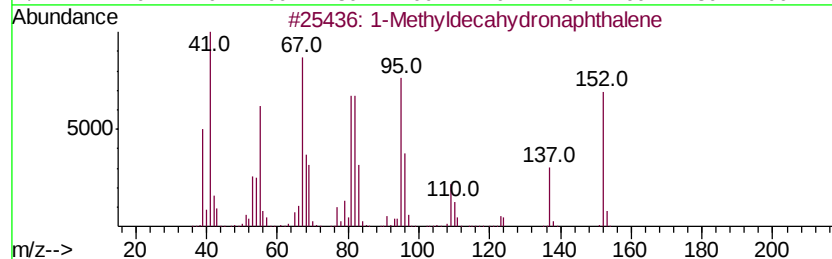
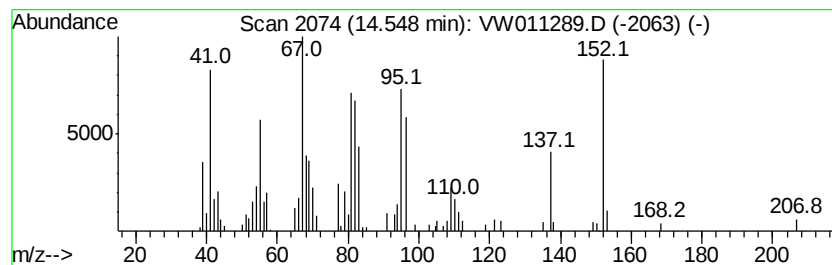
Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 8 1-Methyldecahydronaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.55	3.15 ug/L	58263	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	80
5		Cycloundecene(E)	152	C11H20	013151-60-5	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011289.D
Acq On : 16 Jul 2019 16:39
Operator : SY/VA
Sample : K3798-06RE
Misc : 4.42G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

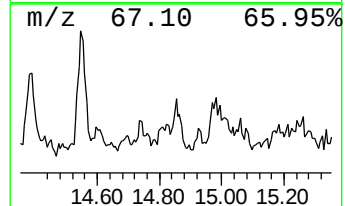
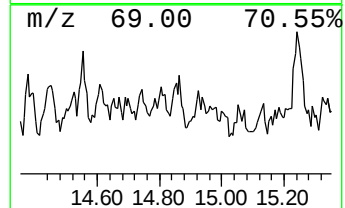
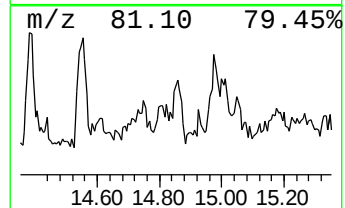
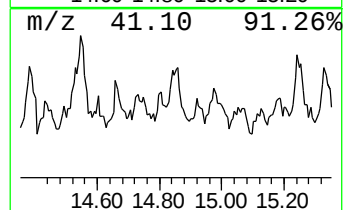
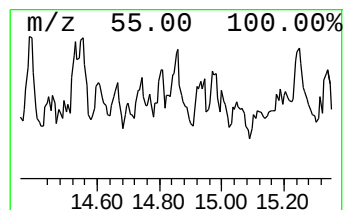
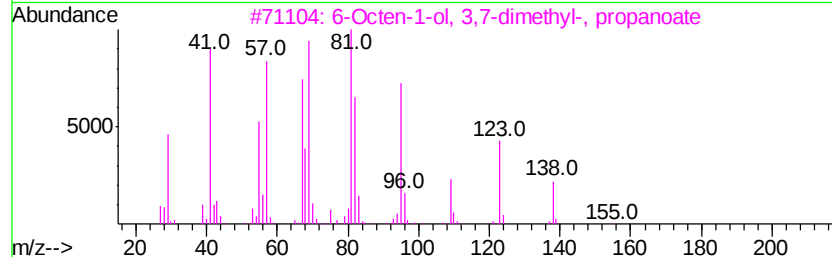
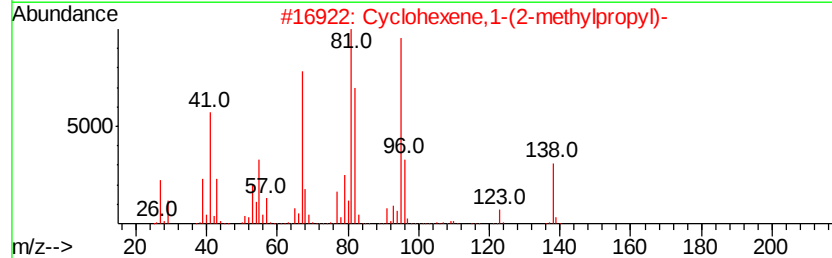
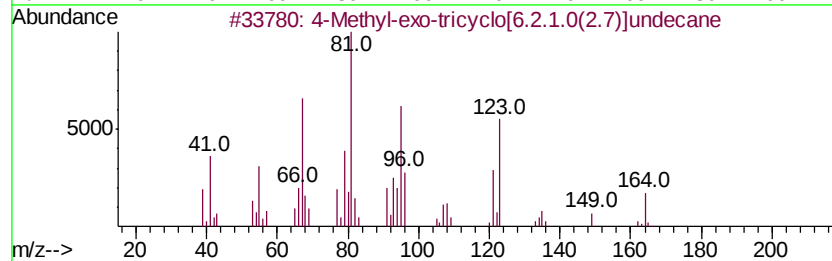
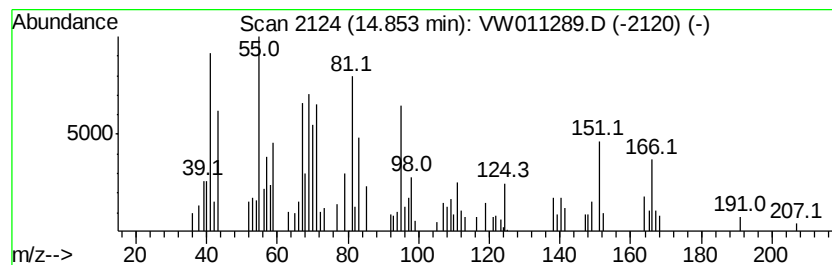
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 9 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.56 ug/L	28745	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-exo-tricyclo[6.2.1.0(2....	164	C12H20	1000215-29-8	38
2		Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	30
3		6-Octen-1-ol, 3,7-dimethyl-, pro...	212	C13H24O2	000141-14-0	30
4		(+)-2-Bornanone	152	C10H16O	000464-49-3	27
5		Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011289.D
Acq On : 16 Jul 2019 16:39
Operator : SY/VA
Sample : K3798-06RE
Misc : 4.42G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

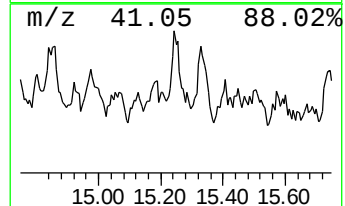
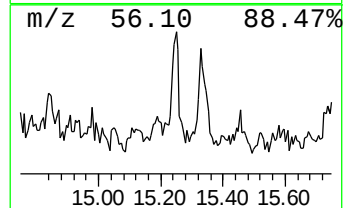
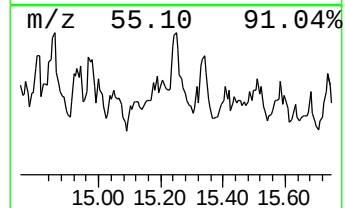
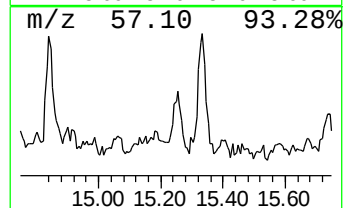
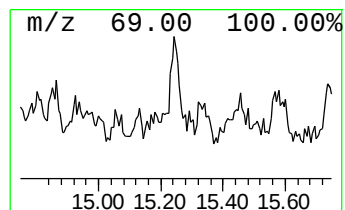
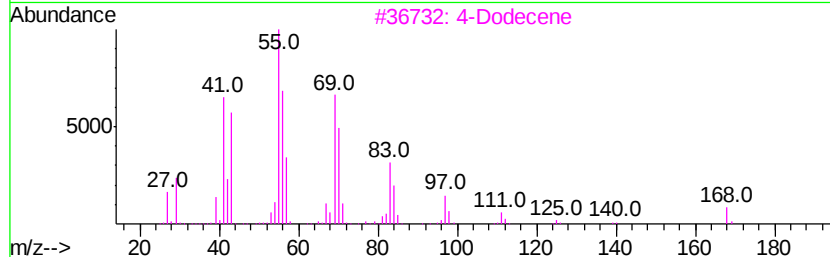
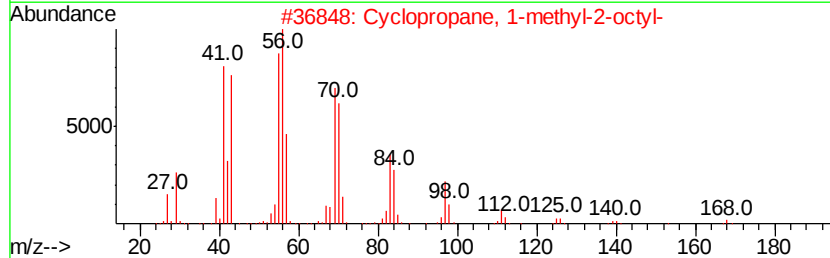
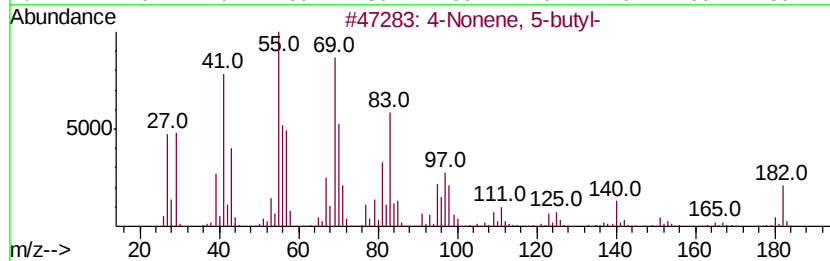
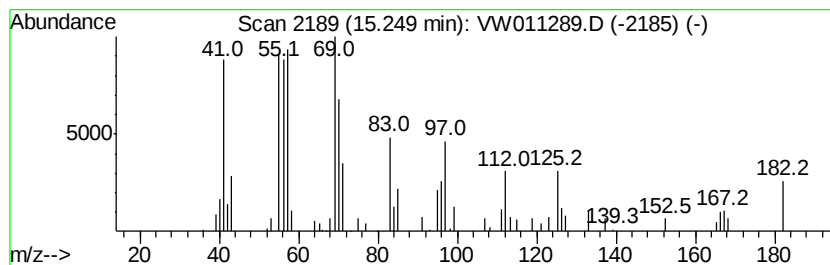
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic15.25 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	1.29 ug/L	23888	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	58
2		Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	58
3		4-Dodecene	168	C12H24	002030-84-4	53
4		4-Dodecene, (Z)-	168	C12H24	007206-27-1	52
5		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011289.D
Acq On : 16 Jul 2019 16:39
Operator : SY/VA
Sample : K3798-06RE
Misc : 4.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

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	3.2	ug/L	78653	1	8.84	609029	25.0
Benzeneethanamine...	14.07	2.6	ug/L	48109	3	13.56	462118	25.0
trans-Decalin, 2-...	14.39	1.4	ug/L	25647	3	13.56	462118	25.0
1-Methyldecahydro...	14.55	3.1	ug/L	58263	3	13.56	462118	25.0
unknown-02	14.85	1.6	ug/L	28745	3	13.56	462118	25.0
(DEL) Alkane: Cyc...	15.25	1.3	ug/L	23888	3	13.56	462118	25.0