

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011809.D
 Acq On : 09 Aug 2019 13:29
 Operator : SY/VA
 Sample : K4215-13
 Misc : 4.32G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC4

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\SOM2WLM073019S.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	37	41	42	rBV2	2064	2483	0.37%	0.065%
2	2.349	67	73	83	rVB	60182	104502	15.52%	2.731%
3	2.892	155	162	174	rBV	39153	95901	14.24%	2.506%
4	3.209	212	214	218	rVB5	727	1029	0.15%	0.027%
5	3.251	218	221	224	rBV4	820	1479	0.22%	0.039%
6	3.379	240	242	248	rVB7	814	1415	0.21%	0.037%
7	3.550	265	270	271	rBV3	494	727	0.11%	0.019%
8	3.678	287	291	297	rVB4	1036	1984	0.29%	0.052%
9	3.727	297	299	303	rBB3	666	633	0.09%	0.017%
10	3.867	312	322	323	rBV7	1318	3216	0.48%	0.084%
11	4.019	336	347	362	rBV2	75252	237218	35.22%	6.198%
12	4.245	382	384	390	rVB3	798	1135	0.17%	0.030%
13	4.294	390	392	397	rVB4	624	831	0.12%	0.022%
14	4.422	410	413	414	rVV3	867	954	0.14%	0.025%
15	4.440	414	416	424	rVV4	891	2067	0.31%	0.054%
16	4.916	478	494	507	rBV3	9872	38523	5.72%	1.007%
17	5.092	521	523	525	rBV3	536	643	0.10%	0.017%
18	5.117	525	527	530	rVV3	1122	1387	0.21%	0.036%
19	5.172	534	536	541	rVB4	613	811	0.12%	0.021%
20	5.708	619	624	627	rBV2	488	644	0.10%	0.017%
21	5.946	652	663	673	rVB3	7129	22127	3.29%	0.578%
22	6.403	735	738	741	rVB4	627	708	0.11%	0.018%
23	6.629	773	775	783	rBV4	456	906	0.13%	0.024%
24	7.086	838	850	854	rBV	40071	114292	16.97%	2.986%
25	7.537	922	924	930	rVB5	818	1418	0.21%	0.037%
26	7.647	933	942	953	rVB	113551	283988	42.17%	7.421%
27	7.842	970	974	976	rBV3	665	917	0.14%	0.024%
28	7.909	983	985	988	rVB2	744	714	0.11%	0.019%
29	7.952	988	992	997	rBV5	710	1311	0.19%	0.034%
30	8.147	1019	1024	1025	rBV2	526	764	0.11%	0.020%
31	8.275	1032	1045	1061	rBV2	205901	673451	100.00%	17.597%
32	8.445	1070	1073	1079	rVB7	875	1463	0.22%	0.038%
33	8.519	1083	1085	1088	rVB4	861	694	0.10%	0.018%
34	8.842	1129	1138	1149	rBV	162194	326057	48.42%	8.520%

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 Title : VOC Analysis

35	9.073	1165	1176	1178	rBV9	1393	2882	0.43%	0.075%
36	9.189	1187	1195	1197	rBV4	581	1153	0.17%	0.030%
37	9.275	1199	1209	1218	rBV	154156	318590	47.31%	8.325%
38	9.543	1251	1253	1257	rBV4	439	755	0.11%	0.020%
39	9.890	1306	1310	1314	rVB4	439	888	0.13%	0.023%
40	10.037	1326	1334	1342	rBV	64900	120884	17.95%	3.159%
41	10.116	1345	1347	1349	rBV2	624	601	0.09%	0.016%
42	10.207	1359	1362	1367	rVV4	1033	1520	0.23%	0.040%
43	10.323	1372	1381	1389	rBV	166344	297689	44.20%	7.779%
44	10.427	1397	1398	1402	rVB4	717	660	0.10%	0.017%
45	10.579	1416	1423	1432	rBV	40980	71817	10.66%	1.877%
46	10.707	1437	1444	1450	rBV	15195	26884	3.99%	0.702%
47	10.860	1464	1469	1473	rVB6	1724	3021	0.45%	0.079%
48	10.927	1473	1480	1493	rBV	109669	206663	30.69%	5.400%
49	11.012	1493	1494	1496	rVV2	967	803	0.12%	0.021%
50	11.067	1496	1503	1516	rVB	31764	57343	8.51%	1.498%
51	11.171	1516	1520	1522	rBV4	810	1151	0.17%	0.030%
52	11.439	1563	1564	1571	rVB4	1417	1651	0.25%	0.043%
53	11.634	1588	1596	1605	rBV	131845	232470	34.52%	6.074%
54	11.799	1619	1623	1626	rBV5	740	1359	0.20%	0.036%
55	12.177	1681	1685	1687	rBV4	778	1499	0.22%	0.039%
56	12.341	1708	1712	1713	rBV3	901	1064	0.16%	0.028%
57	12.384	1717	1719	1720	rVV2	713	619	0.09%	0.016%
58	12.420	1723	1725	1729	rBV3	525	757	0.11%	0.020%
59	12.469	1729	1733	1738	rVV3	5604	9236	1.37%	0.241%
60	12.609	1749	1756	1762	rVV	20558	35051	5.20%	0.916%
61	12.695	1762	1770	1777	rVB	93914	153076	22.73%	4.000%
62	12.750	1777	1779	1781	rBV3	885	1035	0.15%	0.027%
63	12.792	1784	1786	1790	rVB2	632	766	0.11%	0.020%
64	12.878	1794	1800	1801	rBV2	838	1375	0.20%	0.036%
65	12.932	1804	1809	1816	rVB2	9667	14838	2.20%	0.388%
66	13.256	1858	1862	1864	rBV2	1182	1609	0.24%	0.042%
67	13.298	1865	1869	1874	rVB4	3281	5032	0.75%	0.131%
68	13.414	1882	1888	1893	rBV7	1336	3075	0.46%	0.080%
69	13.463	1893	1896	1902	rBV6	1504	2731	0.41%	0.071%
70	13.560	1906	1912	1918	rBV2	56313	92588	13.75%	2.419%
71	13.652	1924	1927	1934	rVB6	2423	4165	0.62%	0.109%

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72	13.762	1941	1945	1950	rBV6	1762	3353	0.50%	0.088%
73	13.853	1954	1960	1967	rBV	54673	94633	14.05%	2.473%
74	14.073	1990	1996	2003	rVB	24716	40061	5.95%	1.047%
75	14.201	2013	2017	2024	rVB6	1300	3107	0.46%	0.081%
76	14.329	2032	2038	2041	rBV5	4230	7090	1.05%	0.185%
77	14.432	2053	2055	2057	rVB3	562	581	0.09%	0.015%
78	14.499	2064	2066	2067	rVV2	959	663	0.10%	0.017%
79	14.530	2068	2071	2078	rVB6	1722	3174	0.47%	0.083%
80	14.633	2084	2088	2093	rBV4	563	1090	0.16%	0.028%
81	14.731	2100	2104	2108	rVB4	2271	3681	0.55%	0.096%
82	14.828	2118	2120	2122	rBV3	816	830	0.12%	0.022%
83	14.847	2122	2123	2126	rVB2	1005	657	0.10%	0.017%
84	14.926	2134	2136	2139	rVB3	684	794	0.12%	0.021%
85	14.963	2139	2142	2143	rBV2	772	719	0.11%	0.019%
86	15.103	2159	2165	2170	rVV6	1689	3218	0.48%	0.084%
87	15.145	2170	2172	2175	rVB3	669	636	0.09%	0.017%
88	15.182	2175	2178	2181	rVB4	959	1036	0.15%	0.027%
89	15.243	2185	2188	2194	rVB6	937	1963	0.29%	0.051%
90	15.286	2194	2195	2197	rBV2	612	607	0.09%	0.016%
91	15.371	2206	2209	2210	rBV2	659	575	0.09%	0.015%
92	15.444	2213	2221	2225	rVV2	19101	35538	5.28%	0.929%
93	15.499	2225	2230	2238	rVB	6696	12262	1.82%	0.320%
94	15.560	2238	2240	2243	rBV3	583	646	0.10%	0.017%
95	15.682	2258	2260	2262	rVV3	1028	1253	0.19%	0.033%
96	15.780	2271	2276	2278	rBV5	1027	1927	0.29%	0.050%
97	16.157	2334	2338	2339	rBV4	816	1165	0.17%	0.030%
98	16.444	2382	2385	2388	rBV3	518	734	0.11%	0.019%
99	16.657	2418	2420	2423	rBV4	617	746	0.11%	0.019%
100	16.718	2428	2430	2433	rVB3	765	612	0.09%	0.016%

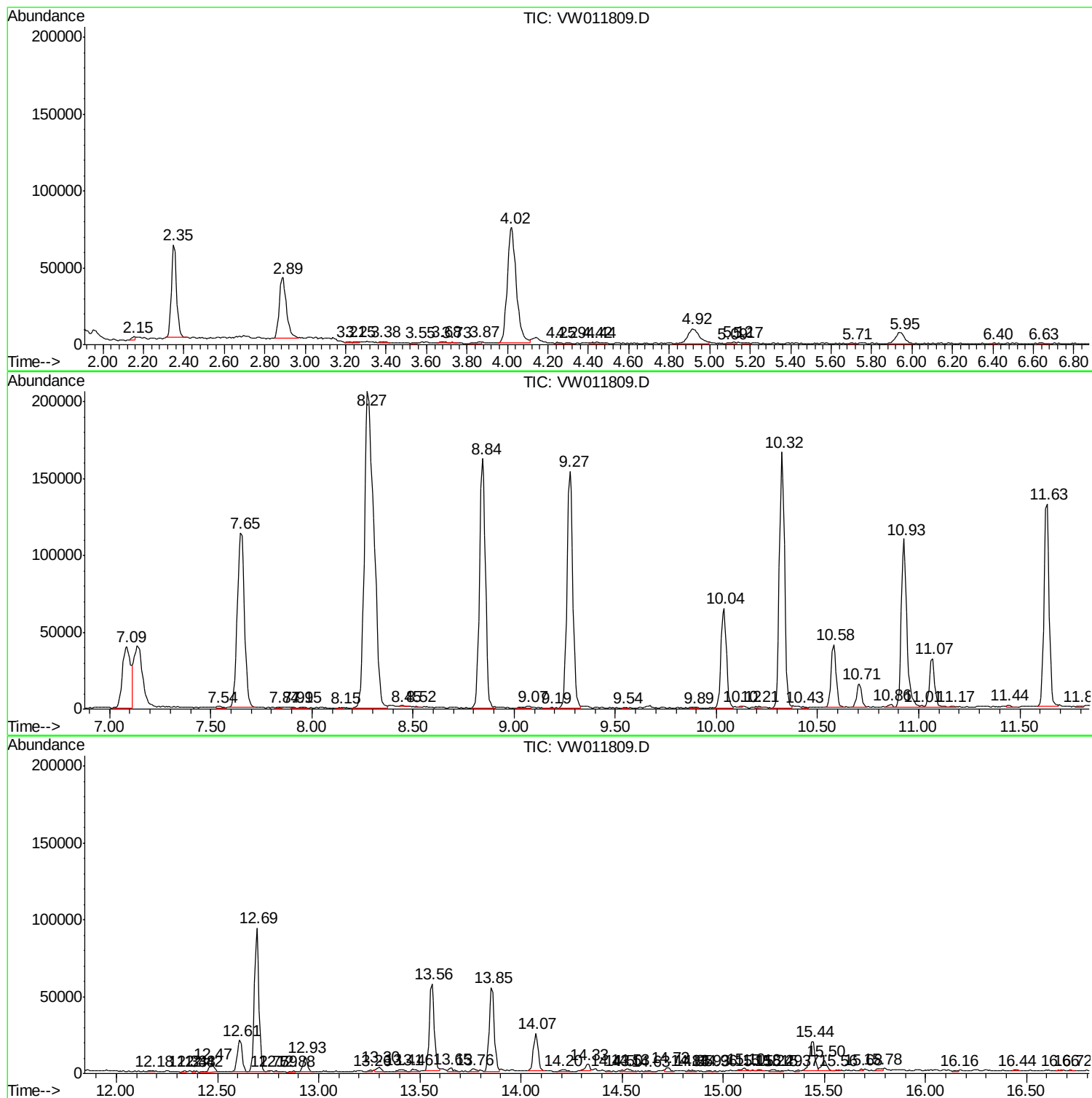
Sum of corrected areas: 3827043

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081119\
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Instrument :
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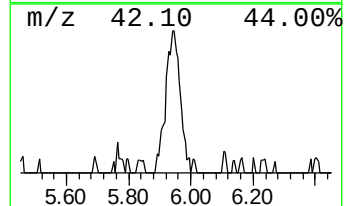
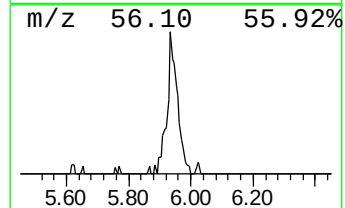
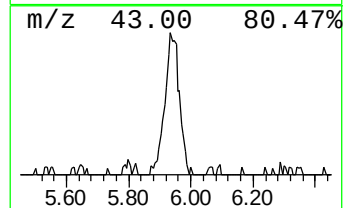
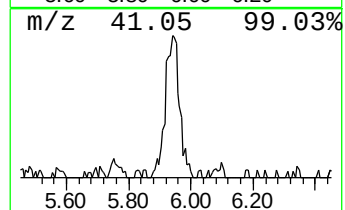
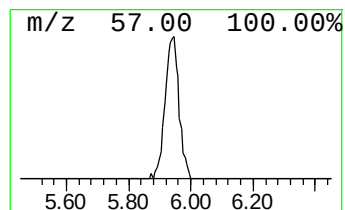
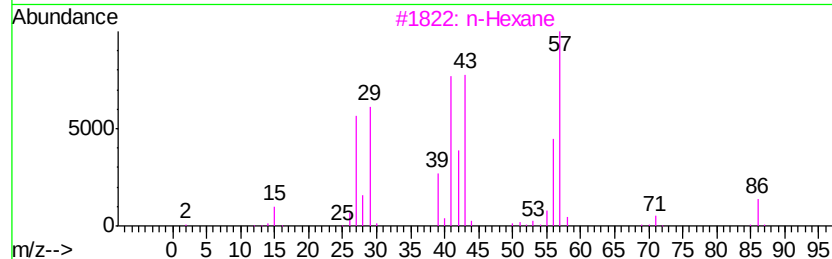
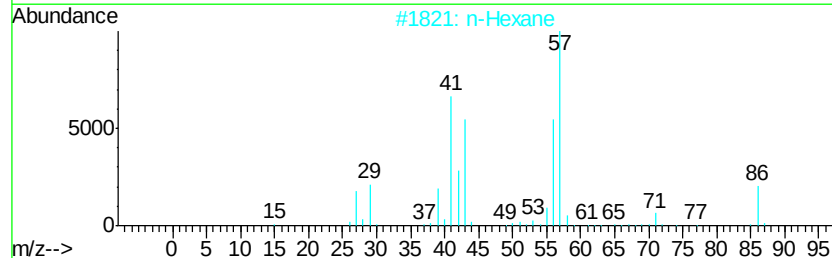
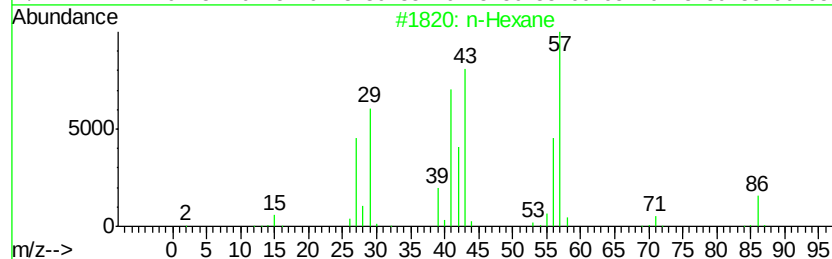
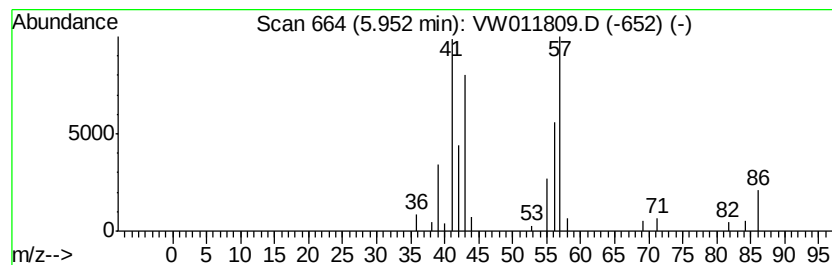
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.70 ug/L	22127	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	72
2		n-Hexane	86	C6H14	000110-54-3	58
3		n-Hexane	86	C6H14	000110-54-3	53
4		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
5		1-Hexene	84	C6H12	000592-41-6	28



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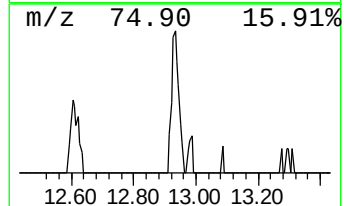
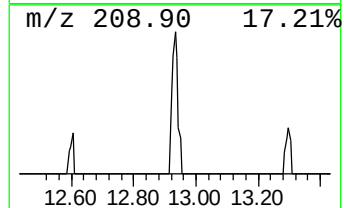
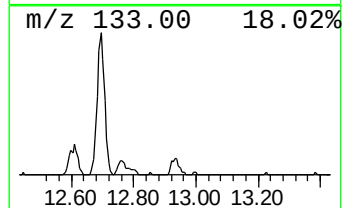
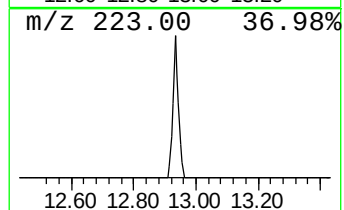
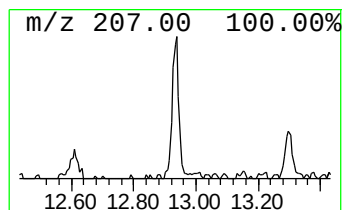
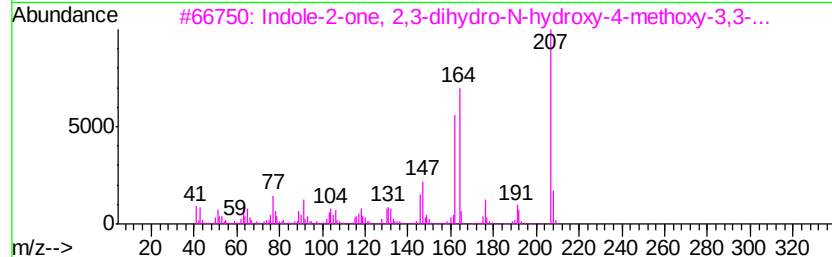
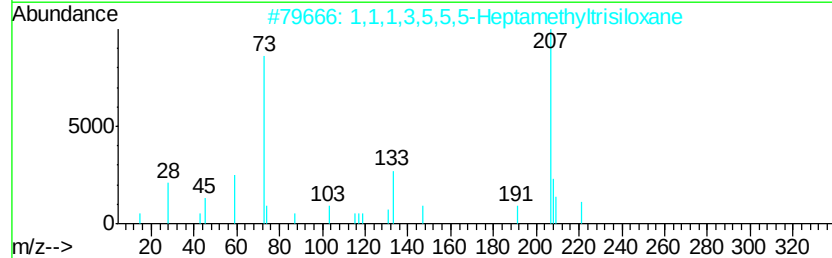
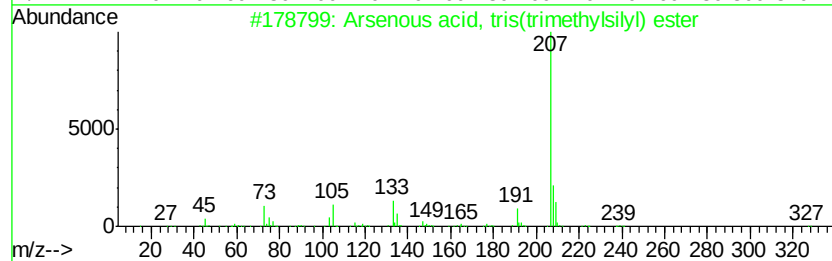
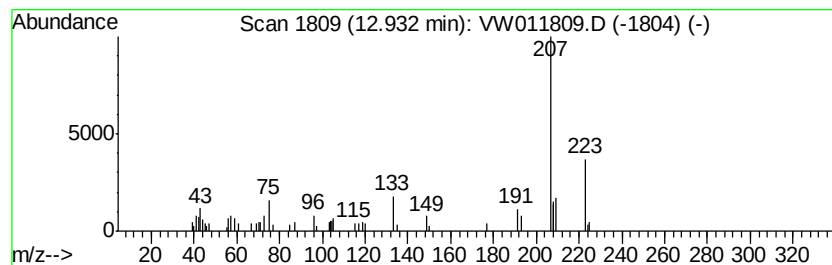
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.01 ug/L	14838	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Arsenous acid, tris(trimethylsil...	342 C9H27AsO3Si3	055429-29-3	45
2	1,1,1,3,5,5,5-Heptamethyltrisilo...	222 C7H22O2Si3	001873-88-7	45
3	Indole-2-one, 2,3-dihydro-N-hydr...	207 C11H13NO3	1000129-52-1	43
4	Cyclotrisiloxane, hexamethyl-	222 C6H18O3Si3	000541-05-9	40
5	Silane, trimethyl[5-methyl-2-(1-...	222 C13H22OSi	055012-80-1	40



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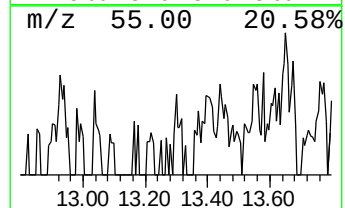
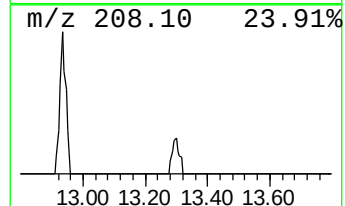
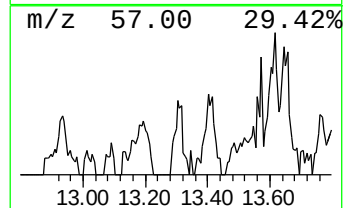
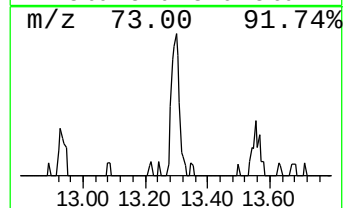
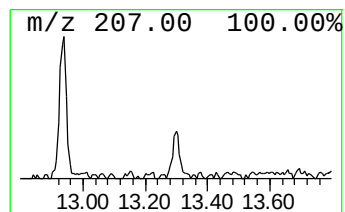
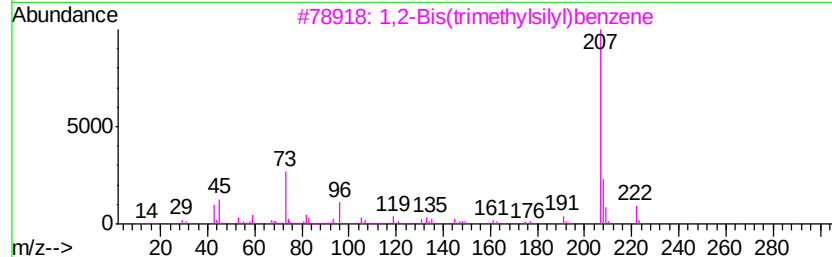
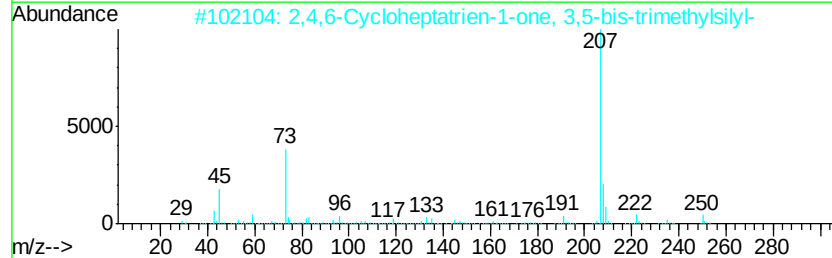
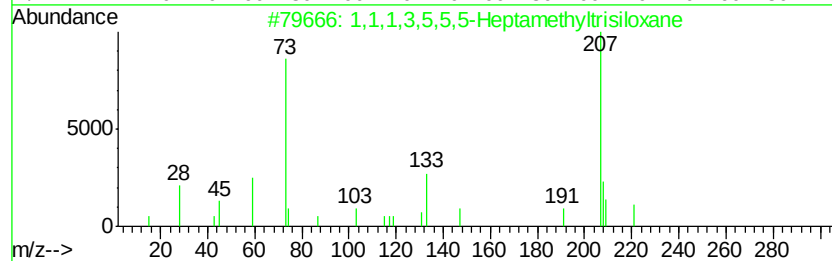
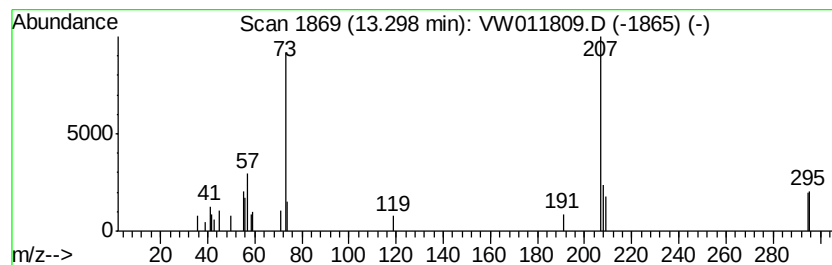
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.36 ug/L	5032	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	42
2		2,4,6-Cycloheptatrien-1-one, 3,5...	250	C13H22OSi2	1000161-21-8	40
3		1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	36
4		Silane, trimethyl[5-methyl-2-(1-...	222	C13H22OSi	055012-80-1	33
5		Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1000129-52-1	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011809.D
Acq On : 09 Aug 2019 13:29
Operator : SY/VA
Sample : K4215-13
Misc : 4.32G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

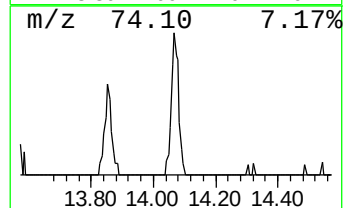
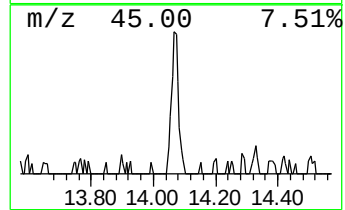
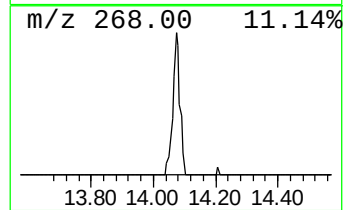
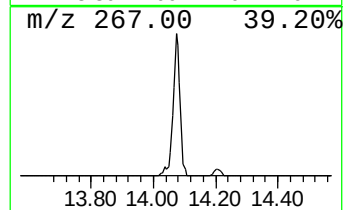
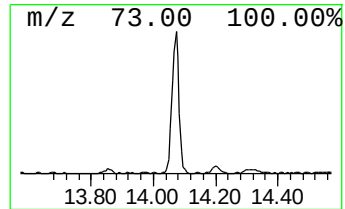
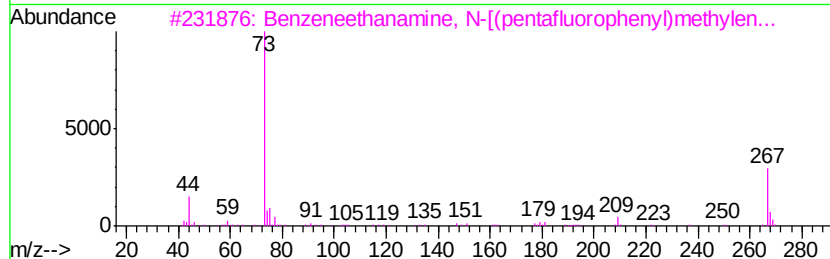
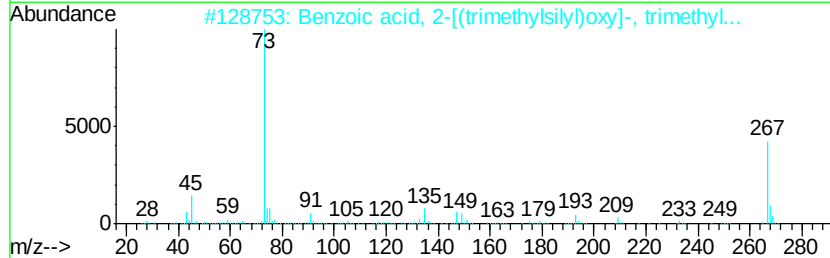
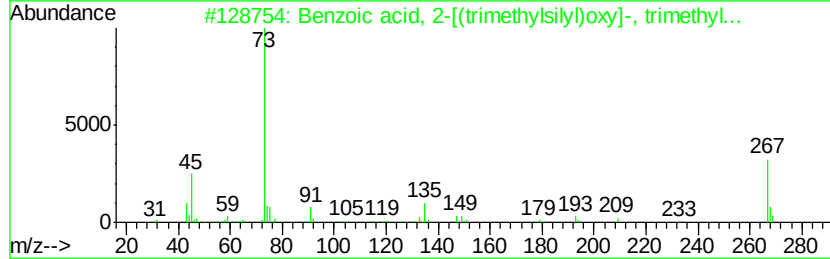
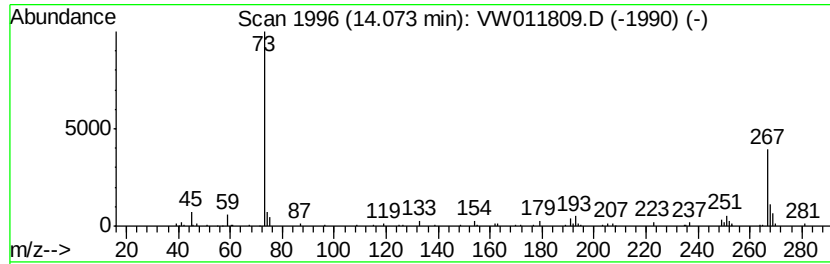
Instrument :
MSVOA_W
ClientSampleId :
ETOC4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzoic acid, 2-[(trimethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.07	10.82 ug/L	40061	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50	
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50	
3	Benzeneethanamine, N-[(pentaflu...	475	C21H26F5N02Si2	055429-85-1	50	
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46	
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011809.D
Acq On : 09 Aug 2019 13:29
Operator : SY/VA
Sample : K4215-13
Misc : 4.32G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC4

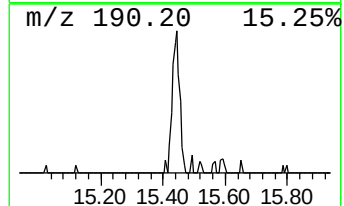
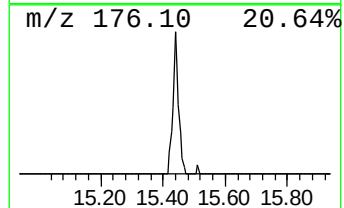
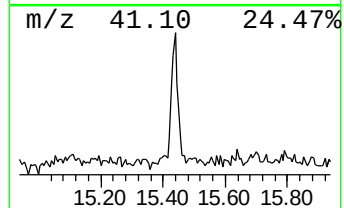
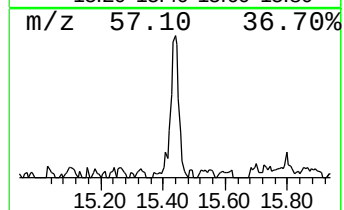
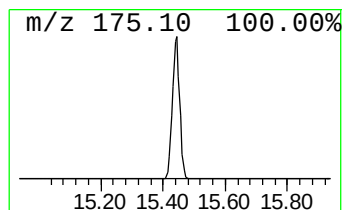
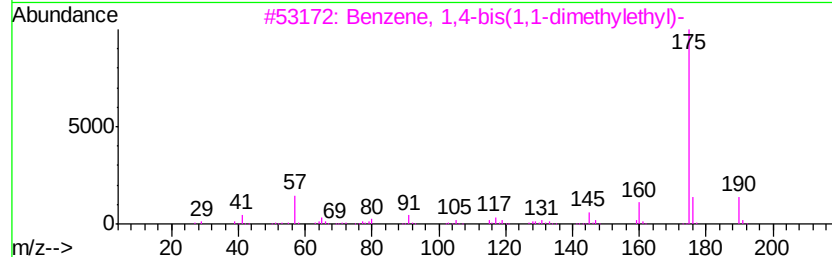
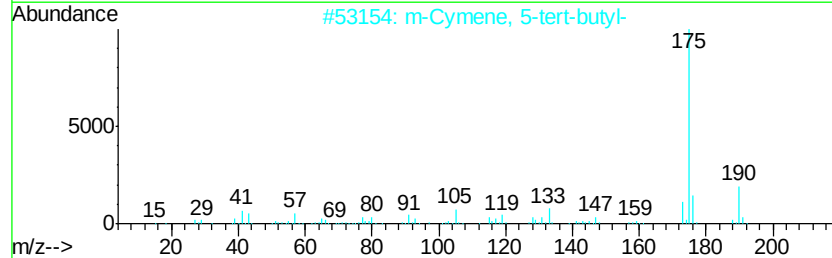
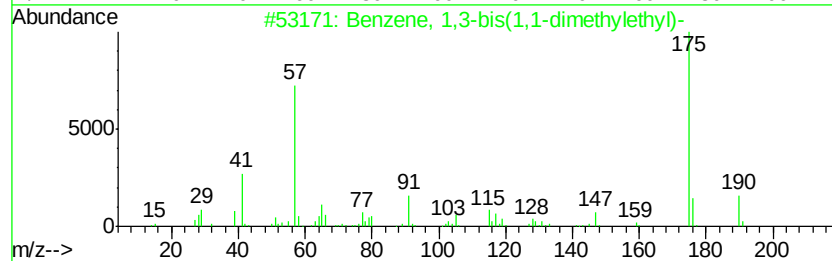
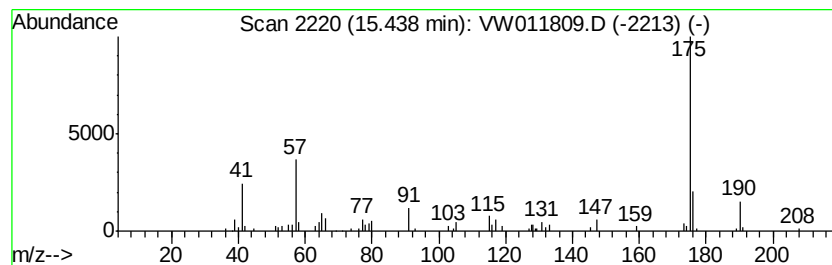
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	9.60 ug/L	35538	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2		m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	87
3		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
4		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011809.D
Acq On : 09 Aug 2019 13:29
Operator : SY/VA
Sample : K4215-13
Misc : 4.32G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC4

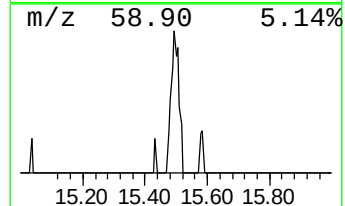
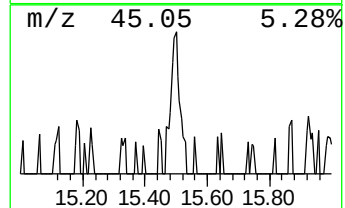
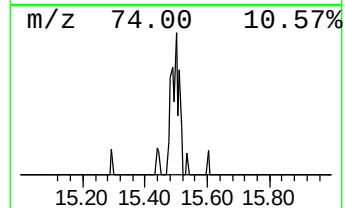
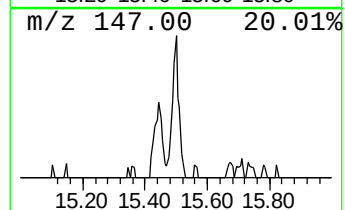
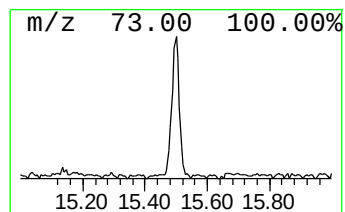
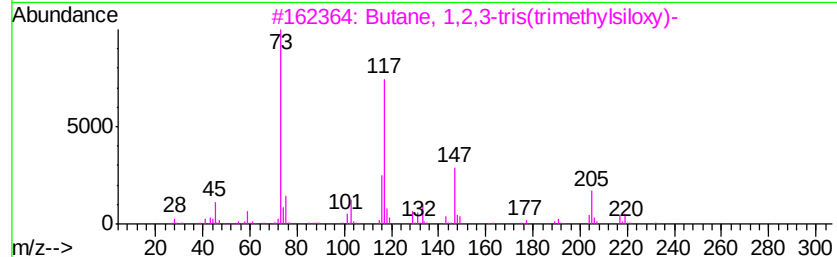
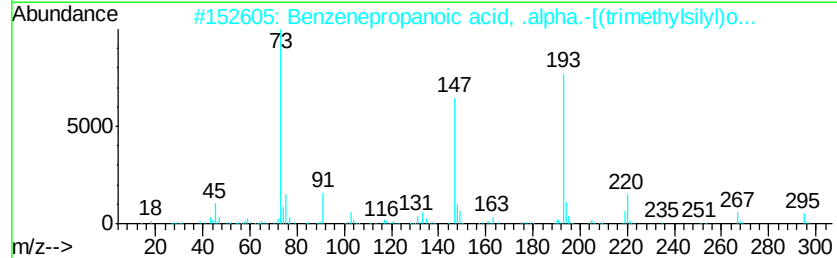
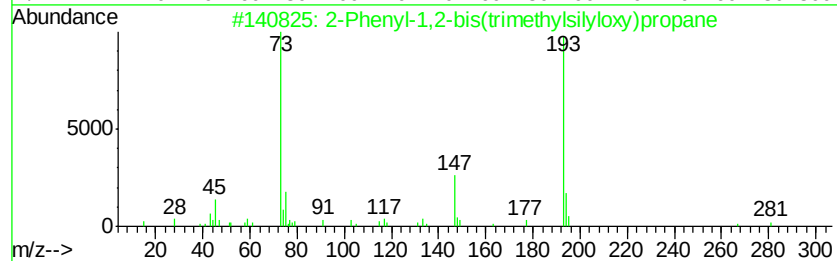
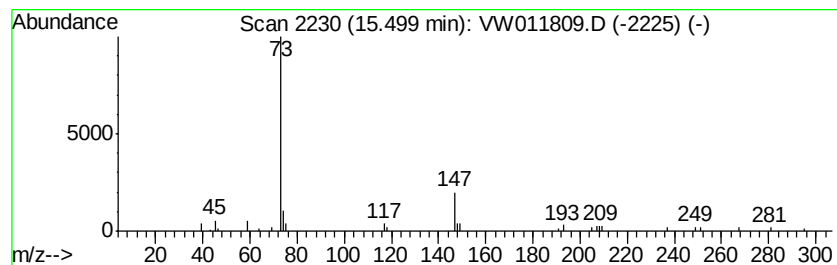
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 11 2-Phenyl-1,2-bis(trimethyls... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.31 ug/L	12262	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenyl-1,2-bis(trimethylsilylo...	296	C15H28O2Si2	294847-15-7	50
2			Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	50
3			Butane, 1,2,3-tris(trimethylsilo...	322	C13H34O3Si3	033581-76-9	38
4			Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	38
5			Butanal, 2,3,4-tris[(trimethylsi...	365	C14H35N04Si3	056196-36-2	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011809.D
Acq On : 09 Aug 2019 13:29
Operator : SY/VA
Sample : K4215-13
Misc : 4.32G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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...	5.95	1.7	ug/L	22127	1	8.84	326057	25.0
unknown-01	12.93	4.0	ug/L	14838	3	13.56	92588	25.0
unknown-02	13.30	1.4	ug/L	5032	3	13.56	92588	25.0
Benzoic acid, 2-[...	14.07	10.8	ug/L	40061	3	13.56	92588	25.0
Benzene, 1,3-bis(...	15.44	9.6	ug/L	35538	3	13.56	92588	25.0
2-Phenyl-1,2-bis(...	15.50	3.3	ug/L	12262	3	13.56	92588	25.0