

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014353.D
 Acq On : 13 Dec 2019 16:48
 Operator : SY/VA
 Sample : K6270-04
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK82

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\SOM2WLM120519S.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	2.343	68	72	78	rVB	29872	47276	25.45%	3.860%
2	2.891	156	162	171	rVB2	16648	33789	18.19%	2.759%
3	3.044	180	187	198	rBV4	11008	27058	14.56%	2.209%
4	3.141	201	203	205	rBV3	943	797	0.43%	0.065%
5	3.160	205	206	212	rVB2	1079	1274	0.69%	0.104%
6	3.288	225	227	228	rBV2	826	666	0.36%	0.054%
7	3.404	239	246	253	rBV2	8709	20793	11.19%	1.698%
8	3.550	266	270	275	rVB4	986	1924	1.04%	0.157%
9	3.867	321	322	326	rVB3	799	800	0.43%	0.065%
10	3.903	326	328	329	rBV2	972	839	0.45%	0.069%
11	4.025	335	348	359	rBV2	24620	65863	35.45%	5.378%
12	4.111	359	362	363	rBV2	1098	1159	0.62%	0.095%
13	4.123	363	364	366	rBV2	954	688	0.37%	0.056%
14	4.214	377	379	386	rVB6	1508	2539	1.37%	0.207%
15	4.306	391	394	395	rVB2	729	735	0.40%	0.060%
16	4.324	395	397	400	rBV2	492	720	0.39%	0.059%
17	4.367	400	404	406	rBV3	734	1091	0.59%	0.089%
18	4.391	406	408	411	rVV3	699	901	0.48%	0.074%
19	4.574	434	438	443	rBV4	593	1319	0.71%	0.108%
20	4.702	456	459	462	rBV3	725	895	0.48%	0.073%
21	4.763	466	469	471	rBV2	557	661	0.36%	0.054%
22	4.903	489	492	493	rBV2	1514	1536	0.83%	0.125%
23	5.184	535	538	541	rVB3	1368	1453	0.78%	0.119%
24	5.226	541	545	546	rBV3	1022	763	0.41%	0.062%
25	5.440	573	580	583	rBV4	2889	6166	3.32%	0.503%
26	5.513	591	592	596	rBV	678	754	0.41%	0.062%
27	5.556	596	599	601	rVV3	861	915	0.49%	0.075%
28	5.592	603	605	608	rVB2	654	657	0.35%	0.054%
29	5.757	631	632	634	rBV	733	652	0.35%	0.053%
30	5.854	646	648	651	rVB2	766	734	0.40%	0.060%
31	5.891	651	654	655	rBV2	841	836	0.45%	0.068%
32	5.946	655	663	672	rVV9	5171	16320	8.78%	1.333%
33	6.129	692	693	697	rVB2	1085	943	0.51%	0.077%
34	6.446	742	745	747	rVB3	636	693	0.37%	0.057%

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 Title : VOC Analysis

35	6.641	774	777	781	rVB4	950	1026	0.55%	0.084%
36	6.677	781	783	786	rVB3	873	853	0.46%	0.070%
37	6.915	819	822	824	rBV2	850	1238	0.67%	0.101%
38	6.982	827	833	841	rVB6	2924	7786	4.19%	0.636%
39	7.110	844	854	860	rBV6	5894	21862	11.77%	1.785%
40	7.305	882	886	889	rBV3	532	857	0.46%	0.070%
41	7.653	933	943	951	rVB2	29302	76611	41.24%	6.255%
42	7.854	972	976	979	rBV4	679	693	0.37%	0.057%
43	7.945	983	991	1000	rBV7	4855	15823	8.52%	1.292%
44	8.019	1000	1003	1004	rBV2	1030	1036	0.56%	0.085%
45	8.159	1019	1026	1033	rVB8	2228	5603	3.02%	0.457%
46	8.275	1033	1045	1061	rBV3	54829	185785	100.00%	15.169%
47	8.567	1089	1093	1095	rBV4	1533	2214	1.19%	0.181%
48	8.695	1109	1114	1121	rVB5	4542	9138	4.92%	0.746%
49	8.842	1128	1138	1149	rBV	48569	101432	54.60%	8.282%
50	8.982	1157	1161	1162	rBV4	754	800	0.43%	0.065%
51	8.994	1162	1163	1167	rVB2	1205	1229	0.66%	0.100%
52	9.159	1187	1190	1193	rBV4	531	840	0.45%	0.069%
53	9.213	1197	1199	1200	rBV	925	770	0.41%	0.063%
54	9.268	1201	1208	1215	rVV	39452	83192	44.78%	6.793%
55	9.335	1215	1219	1226	rVB5	8835	16521	8.89%	1.349%
56	9.476	1240	1242	1246	rVV3	548	645	0.35%	0.053%
57	9.524	1246	1250	1252	rVB4	1235	1732	0.93%	0.141%
58	9.549	1252	1254	1260	rBV5	602	1059	0.57%	0.086%
59	9.604	1260	1263	1271	rBV5	1235	2325	1.25%	0.190%
60	9.665	1271	1273	1276	rVB3	790	724	0.39%	0.059%
61	9.896	1307	1311	1314	rBV3	940	1127	0.61%	0.092%
62	9.963	1317	1322	1326	rVV6	1887	3537	1.90%	0.289%
63	10.030	1328	1333	1341	rBV2	14333	30064	16.18%	2.455%
64	10.323	1371	1381	1387	rBV	52074	94981	51.12%	7.755%
65	10.384	1387	1391	1397	rVB2	14298	26803	14.43%	2.188%
66	10.500	1404	1410	1418	rBV8	3790	7415	3.99%	0.605%
67	10.579	1418	1423	1431	rBV3	8350	17495	9.42%	1.428%
68	10.664	1431	1437	1439	rBV5	1500	2916	1.57%	0.238%
69	10.701	1439	1443	1447	rBV5	1820	2704	1.46%	0.221%
70	10.799	1456	1459	1463	rBV3	939	1545	0.83%	0.126%
71	10.860	1464	1469	1474	rVB4	3216	5618	3.02%	0.459%

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72	10.933	1474	1481	1489	rBV4	7574	16003	8.61%	1.307%
73	11.030	1493	1497	1498	rBV4	869	1150	0.62%	0.094%
74	11.055	1498	1501	1502	rVV2	1232	1164	0.63%	0.095%
75	11.128	1511	1513	1516	rVB3	977	836	0.45%	0.068%
76	11.177	1516	1521	1524	rBV4	1506	2453	1.32%	0.200%
77	11.225	1524	1529	1530	rBV3	663	808	0.43%	0.066%
78	11.292	1538	1540	1543	rVB3	824	898	0.48%	0.073%
79	11.426	1560	1562	1563	rBV	1276	835	0.45%	0.068%
80	11.634	1588	1596	1604	rBV	36382	66639	35.87%	5.441%
81	11.731	1607	1612	1615	rBV	3275	4779	2.57%	0.390%
82	11.792	1619	1622	1624	rBV2	874	1231	0.66%	0.101%
83	11.841	1624	1630	1636	rBV7	5640	13204	7.11%	1.078%
84	11.981	1650	1653	1656	rVB3	1380	1289	0.69%	0.105%
85	12.067	1664	1667	1668	rBV3	777	788	0.42%	0.064%
86	12.115	1672	1675	1676	rBV2	2146	2081	1.12%	0.170%
87	12.213	1689	1691	1694	rBV4	899	814	0.44%	0.066%
88	12.243	1694	1696	1697	rBV2	1335	1369	0.74%	0.112%
89	12.329	1704	1710	1712	rBV5	2990	5364	2.89%	0.438%
90	12.365	1712	1716	1722	rVB7	3718	8055	4.34%	0.658%
91	12.457	1729	1731	1735	rBV4	1550	1856	1.00%	0.152%
92	12.609	1750	1756	1761	rBV3	11426	23280	12.53%	1.901%
93	12.688	1764	1769	1776	rVB2	22803	41275	22.22%	3.370%
94	12.780	1776	1784	1788	rBV7	6505	12301	6.62%	1.004%
95	12.853	1792	1796	1800	rBV6	3307	7761	4.18%	0.634%
96	13.085	1828	1834	1836	rBV7	4072	7619	4.10%	0.622%
97	13.164	1843	1847	1849	rBV5	2834	5013	2.70%	0.409%
98	13.255	1859	1862	1865	rBV5	4214	6130	3.30%	0.501%
99	14.584	2075	2080	2082	rBV5	3963	7725	4.16%	0.631%
100	15.365	2206	2208	2210	rBV3	2160	1814	0.98%	0.148%

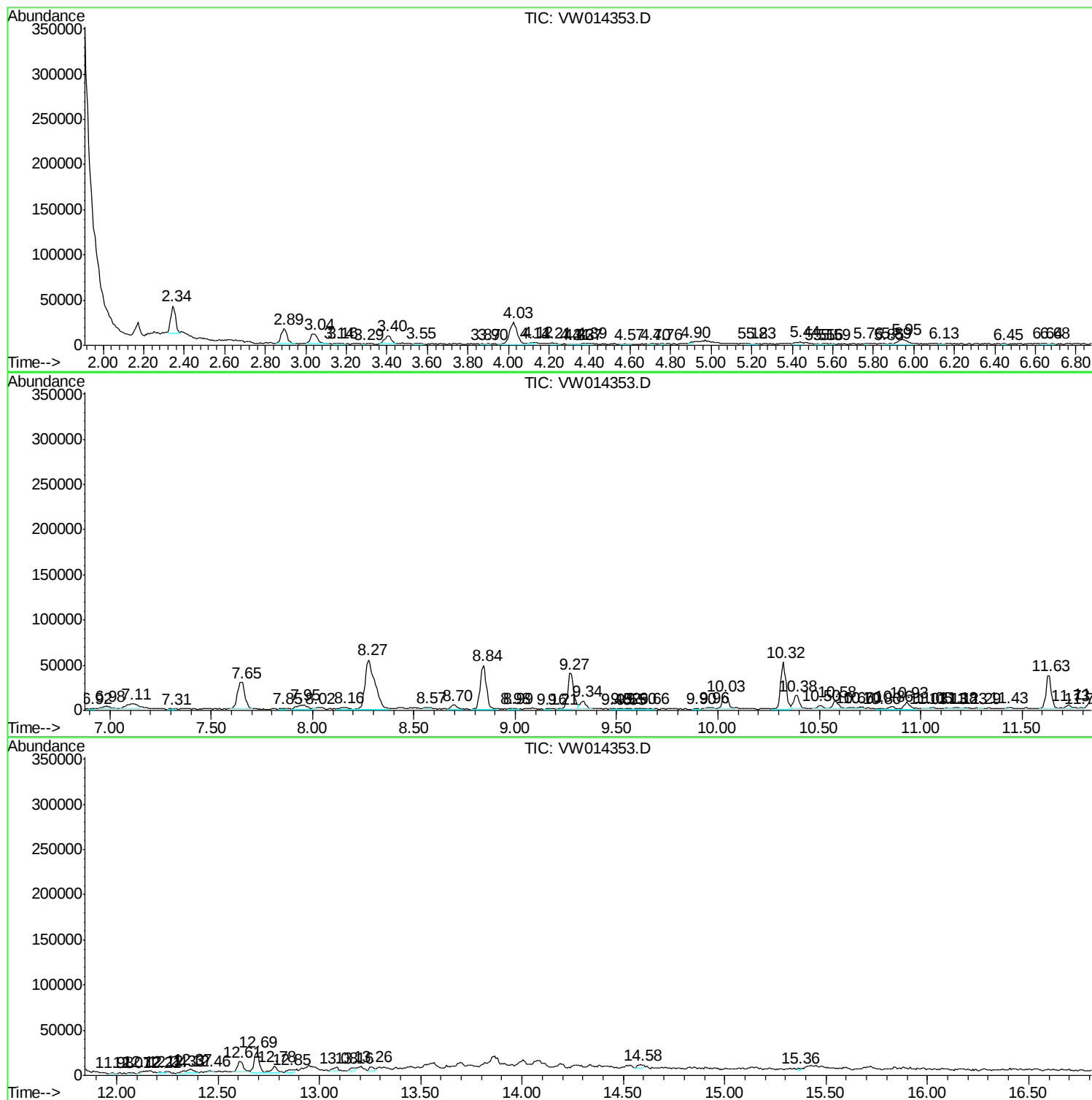
Sum of corrected areas: 1224742

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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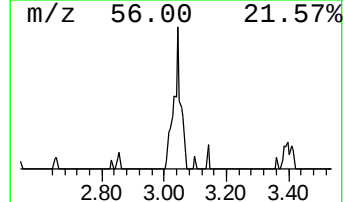
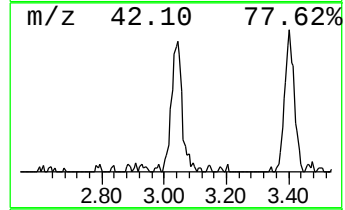
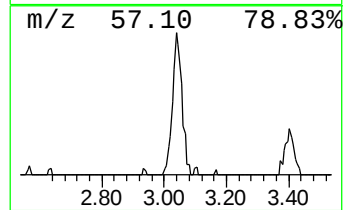
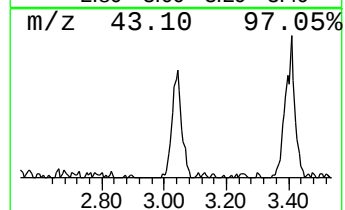
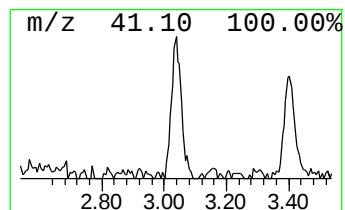
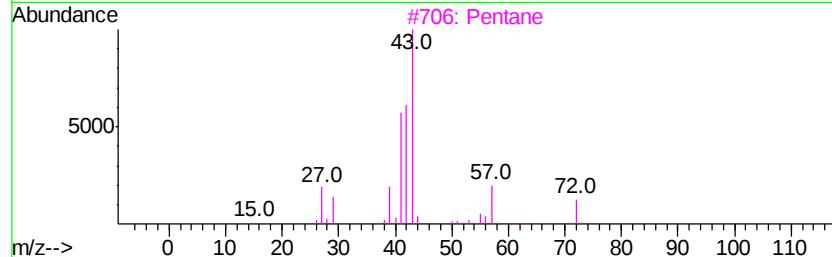
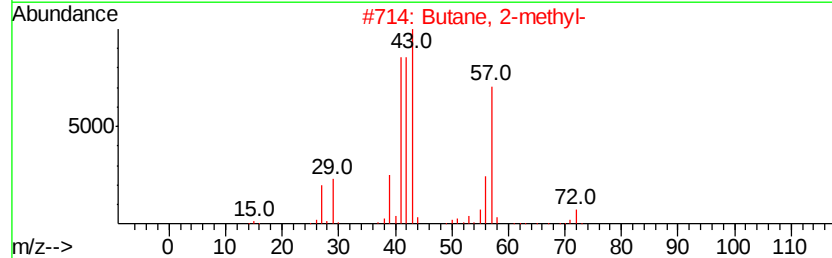
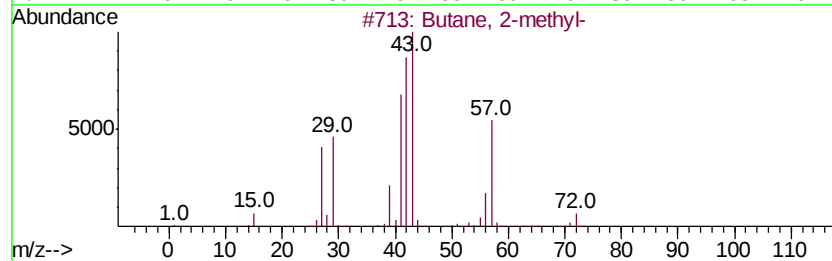
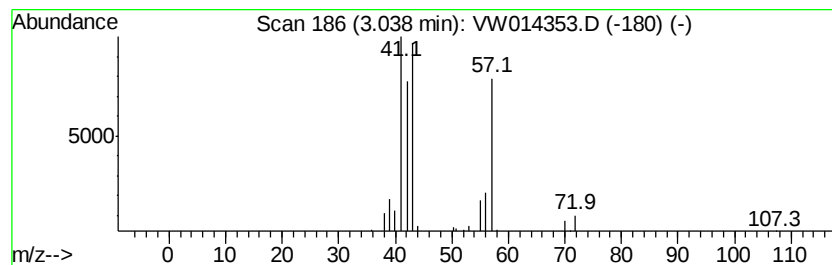
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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.
3.04	6.67 ug/L	27058	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	59
2		Butane, 2-methyl-	72	C5H12	000078-78-4	59
3		Pentane	72	C5H12	000109-66-0	53
4		Oxirane, trimethyl-	86	C5H10O	005076-19-7	50
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	49



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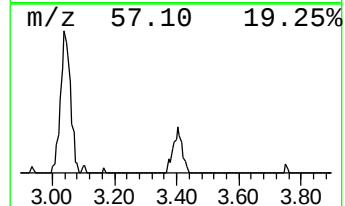
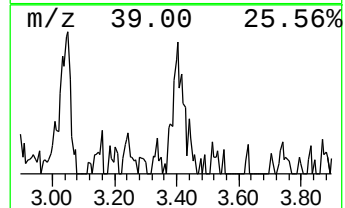
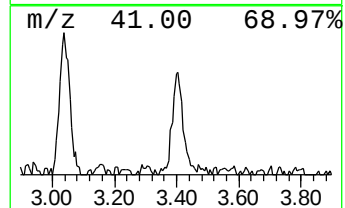
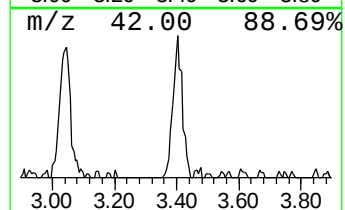
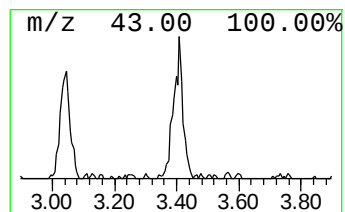
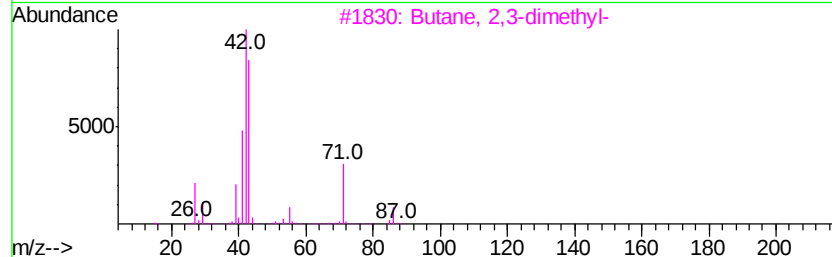
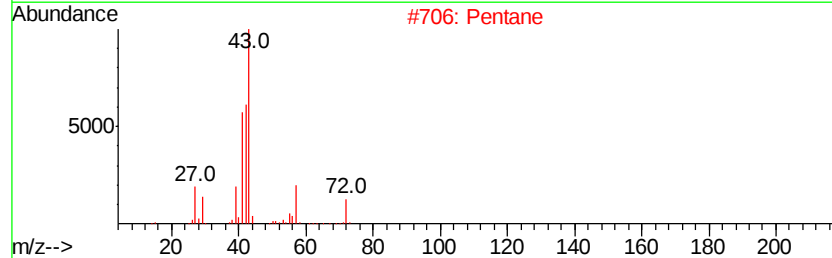
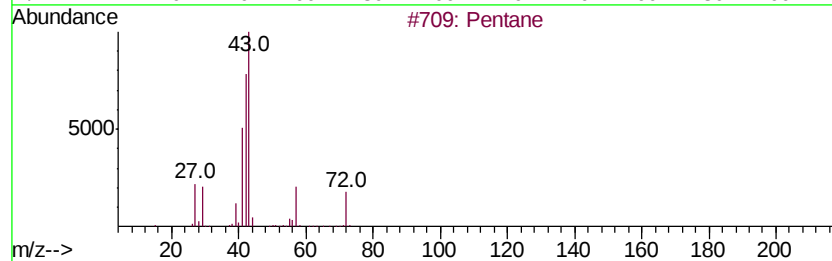
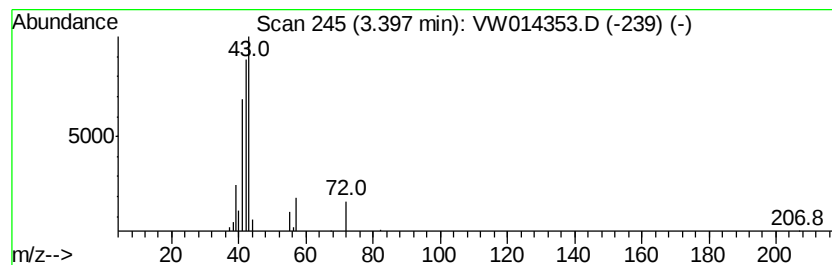
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	5.12 ug/L	20793	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	64
2		Pentane	72	C5H12	000109-66-0	50
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	40
4		Butane, 2-methyl-	72	C5H12	000078-78-4	36
5		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35



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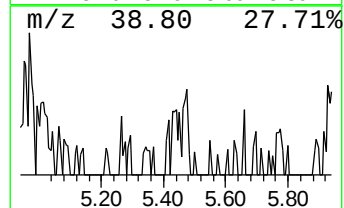
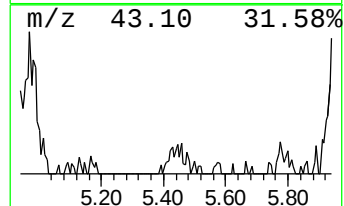
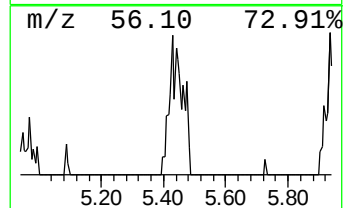
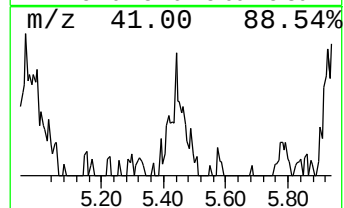
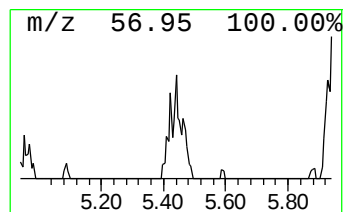
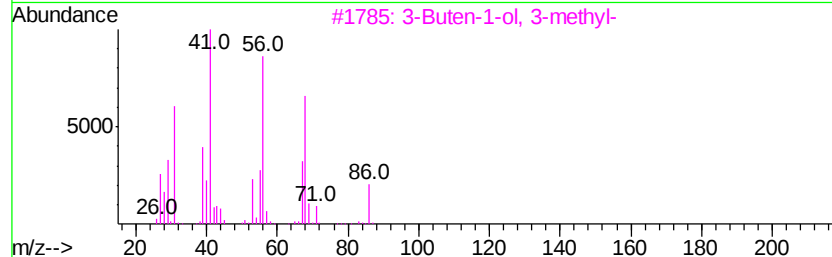
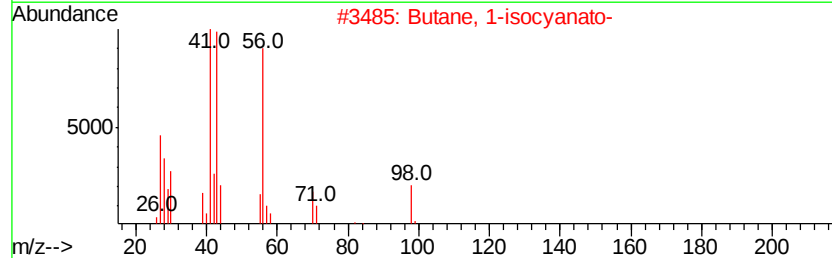
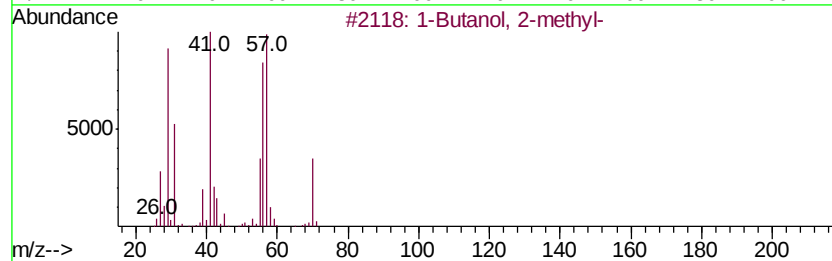
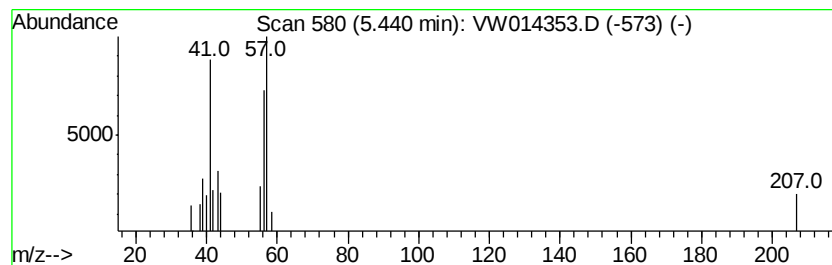
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	1.52 ug/L	6166	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	33
2			Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	33
3			3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	10
4			2-Butene, (E)-	56	C4H8	000624-64-6	9
5			Cyclobutane	56	C4H8	000287-23-0	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82

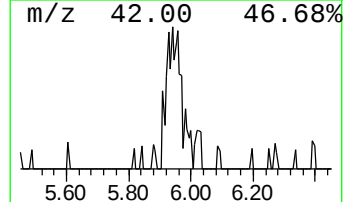
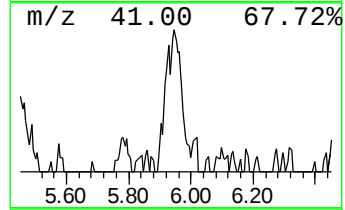
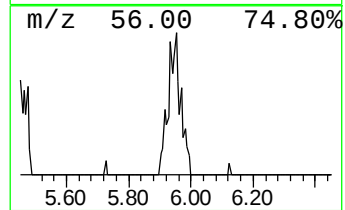
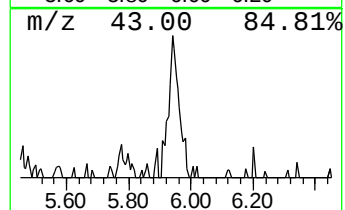
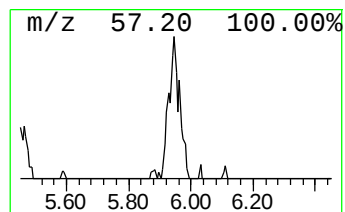
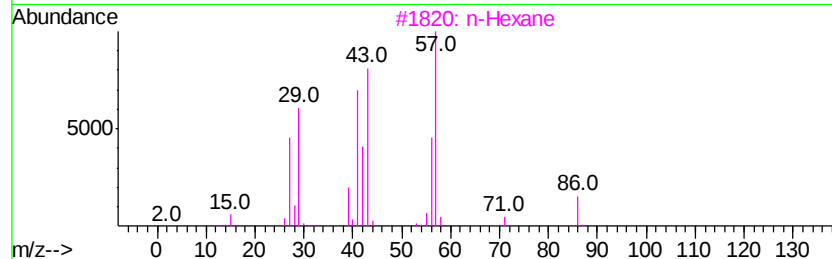
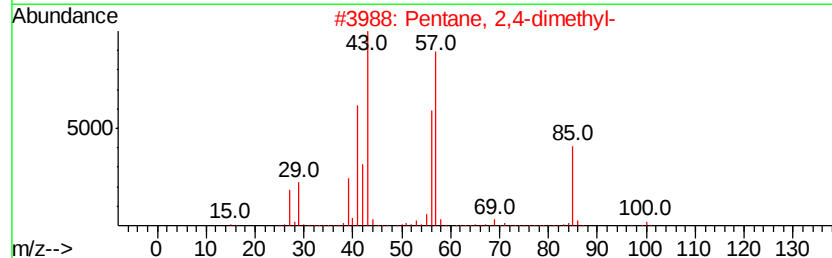
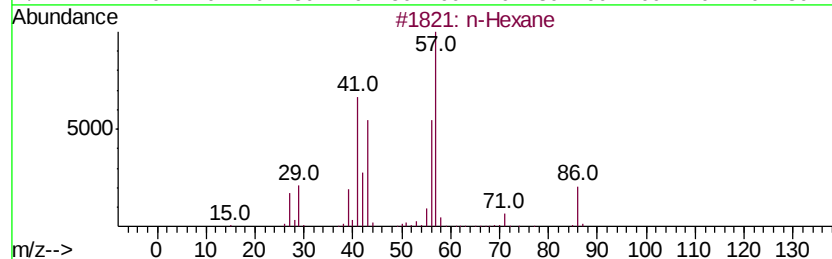
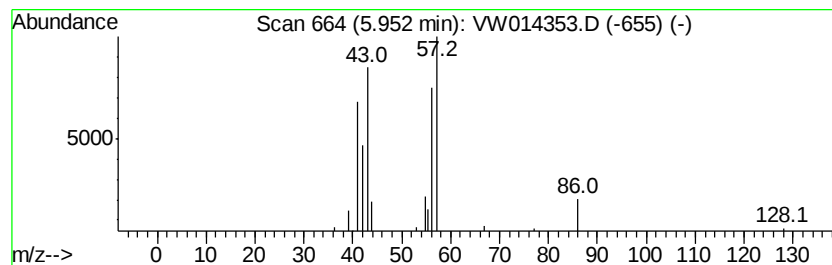
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.02 ug/L	16320	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	53
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	36
3		n-Hexane	86	C6H14	000110-54-3	33
4		n-Hexane	86	C6H14	000110-54-3	33
5		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	28



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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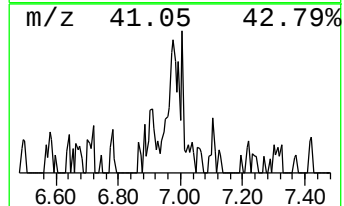
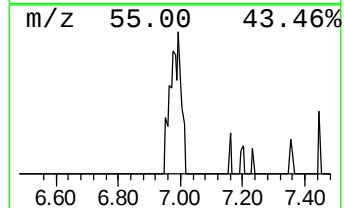
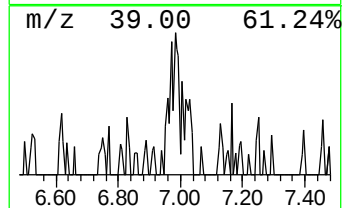
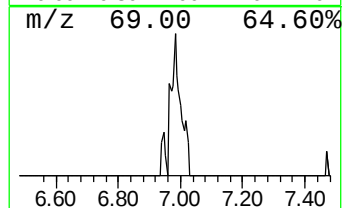
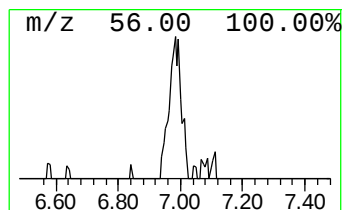
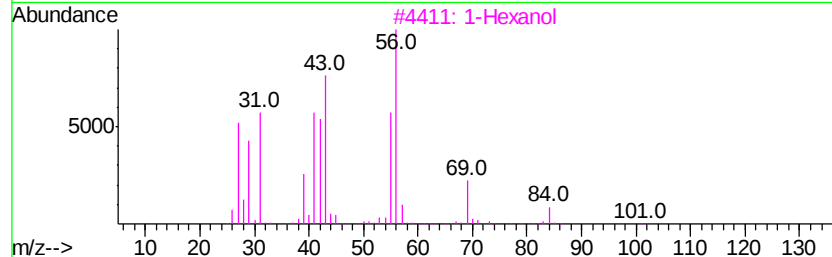
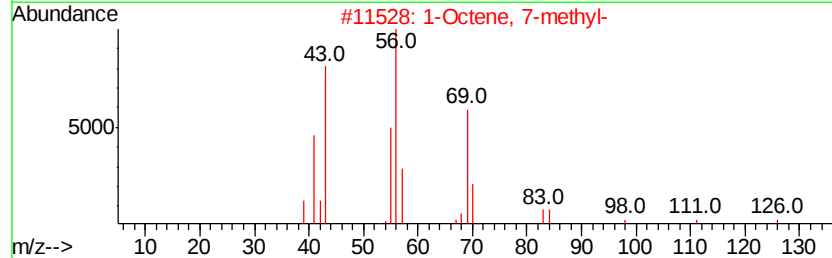
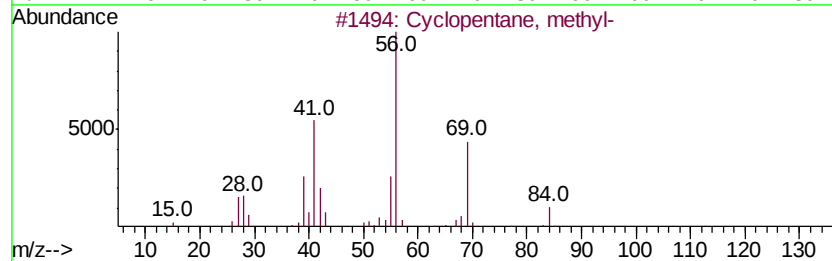
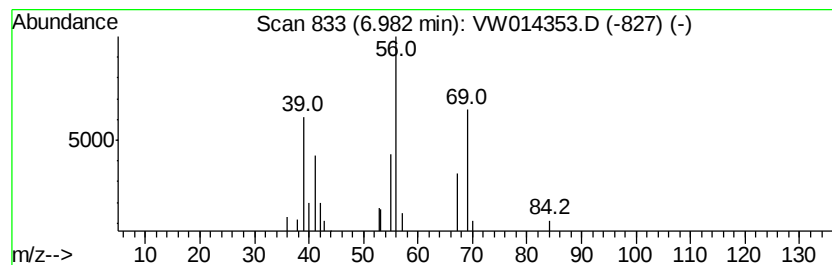
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic6.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	1.92 ug/L	7786	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	38
2		1-Octene, 7-methyl-	126	C9H18	013151-06-9	23
3		1-Hexanol	102	C6H14O	000111-27-3	23
4		1,4-Pentadiene	68	C5H8	000591-93-5	16
5		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82

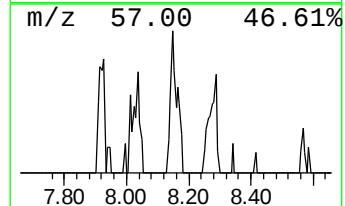
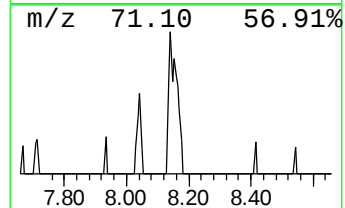
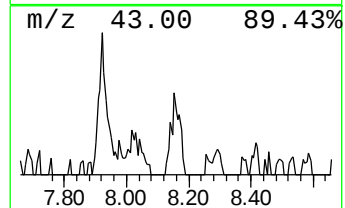
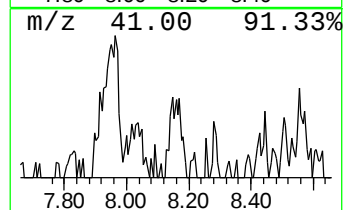
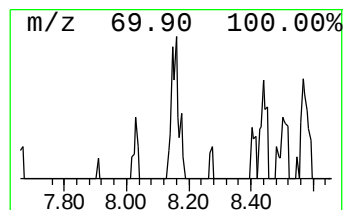
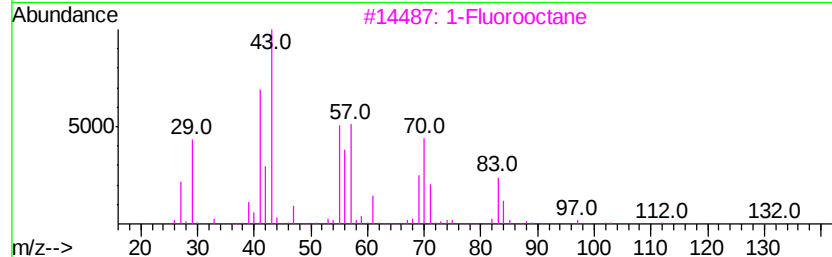
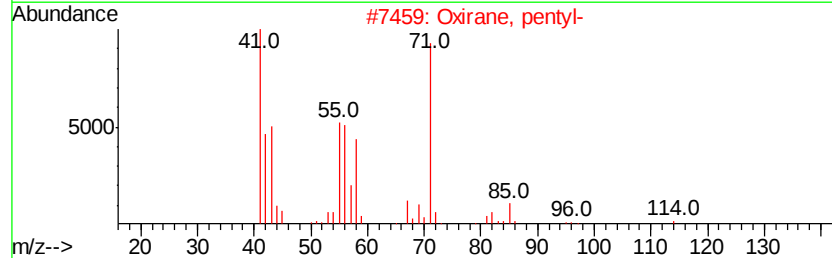
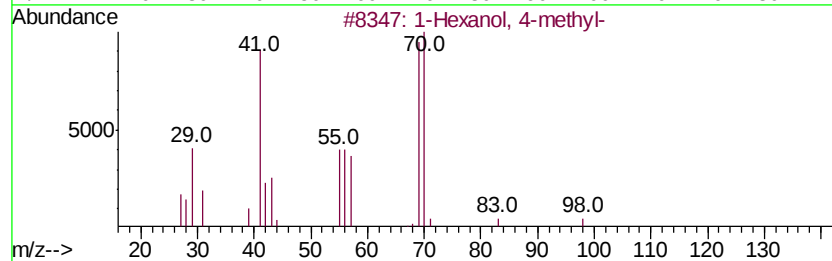
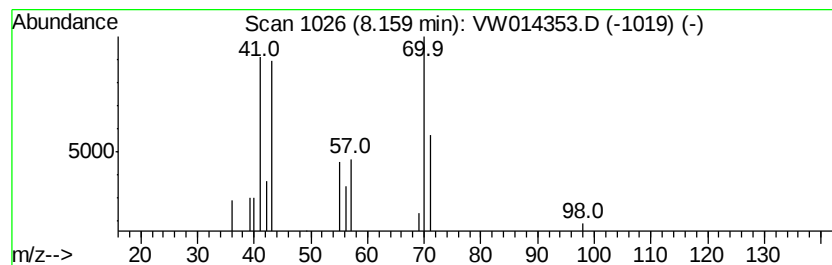
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	1.38 ug/L	5603	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	33
2			Oxirane, pentyl-	114	C7H14O	005063-65-0	25
3			1-Fluorooctane	132	C8H17F	000463-11-6	23
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	23
5			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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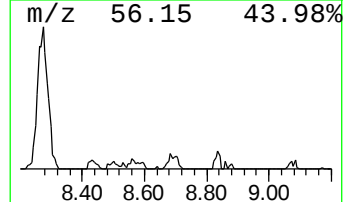
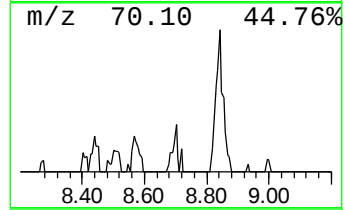
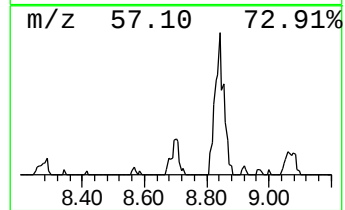
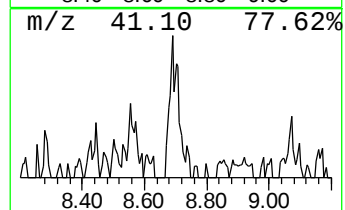
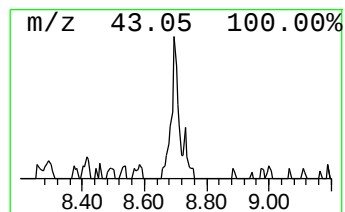
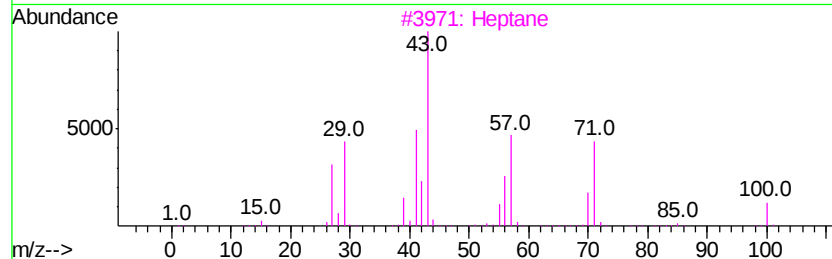
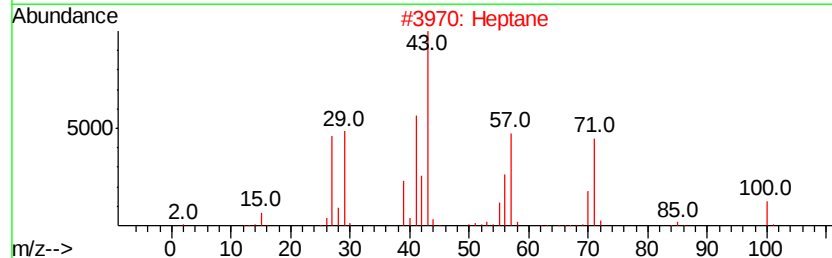
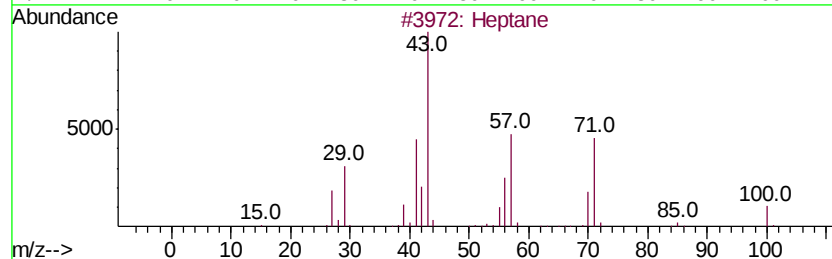
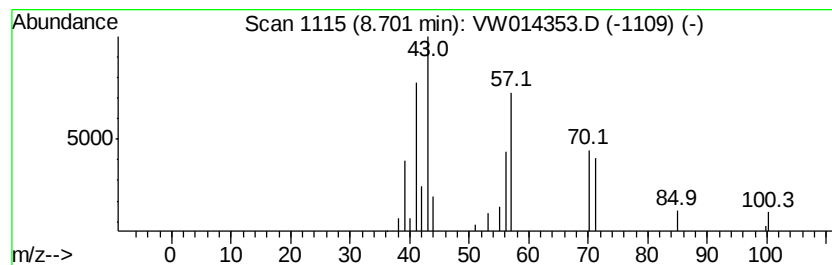
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.25 ug/L	9138	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	49
2		Heptane	100	C7H16	000142-82-5	43
3		Heptane	100	C7H16	000142-82-5	43
4		Heptane	100	C7H16	000142-82-5	43
5		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	37



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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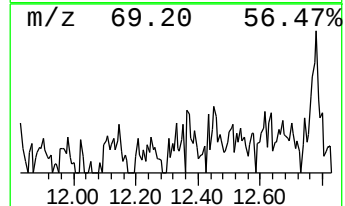
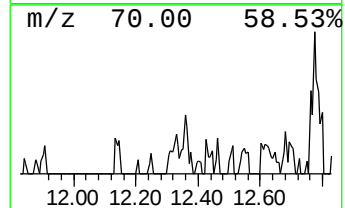
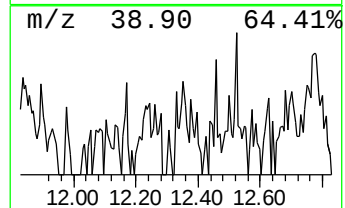
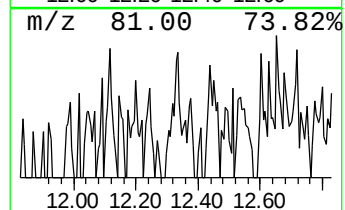
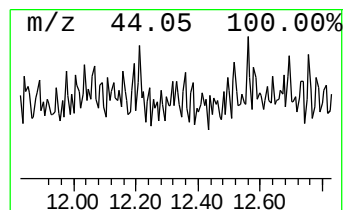
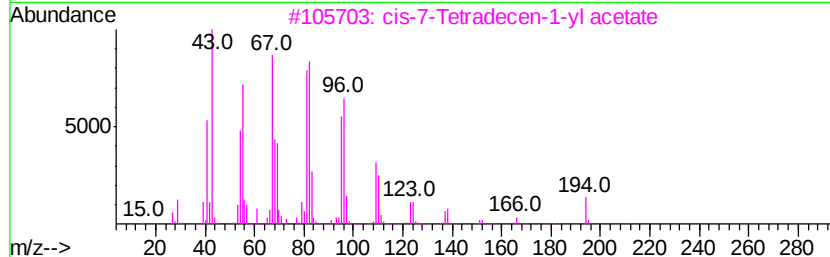
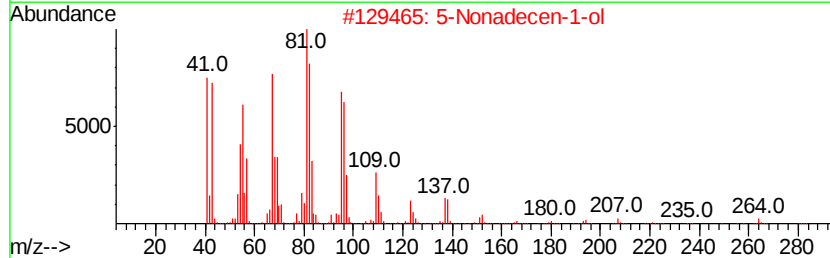
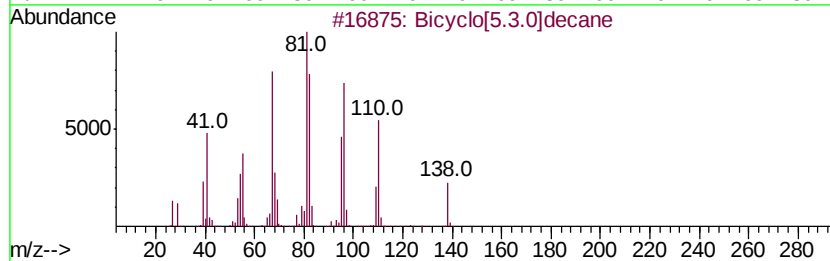
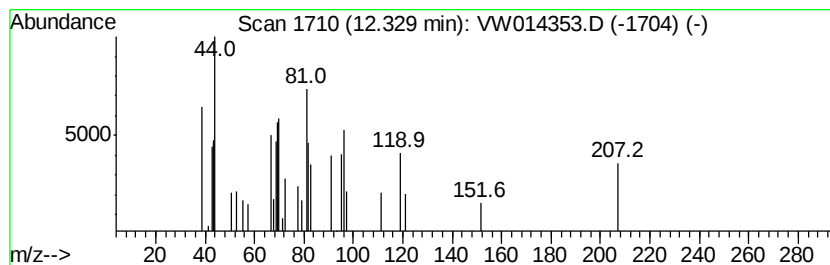
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.01 ug/L	5364	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	38
2		5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	35
3		cis-7-Tetradecen-1-yl acetate	254	C16H30O2	016974-10-0	32
4		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	22
5		1-Octadecyne	250	C18H34	000629-89-0	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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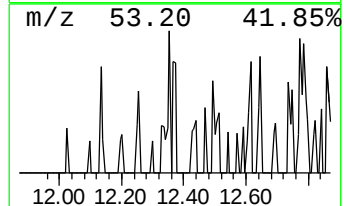
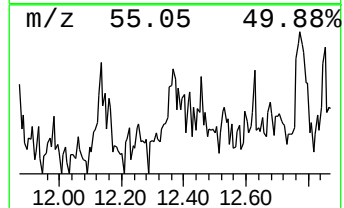
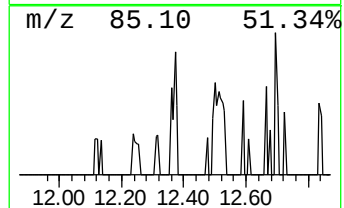
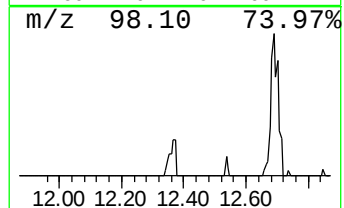
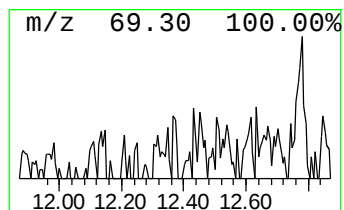
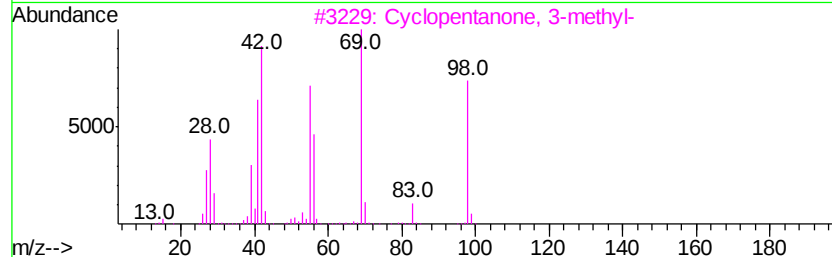
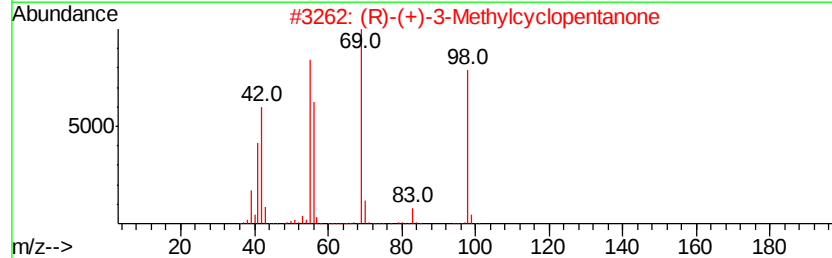
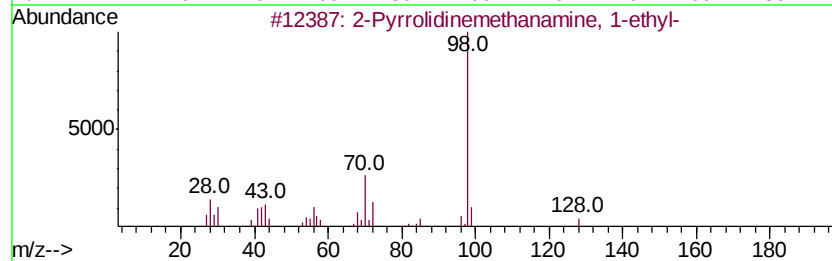
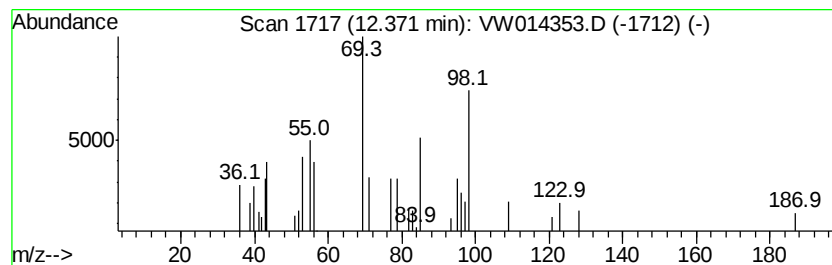
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.02 ug/L	8055	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinemethanamine, 1-ethyl-	128	C7H16N2	026116-12-1	38
2		(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	35
3		Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	25
4		Cycloheptane	98	C7H14	000291-64-5	17
5		2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	17



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

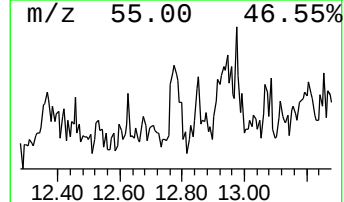
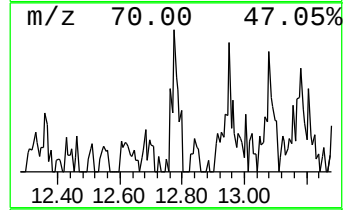
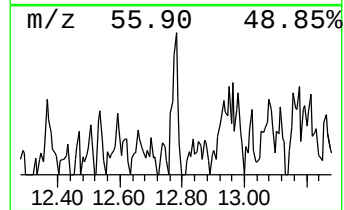
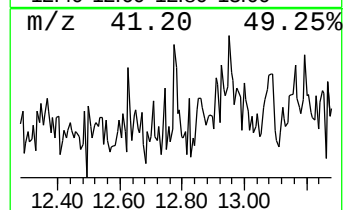
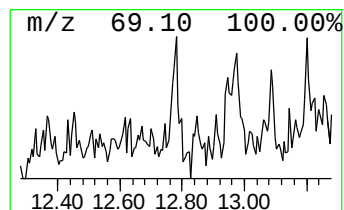
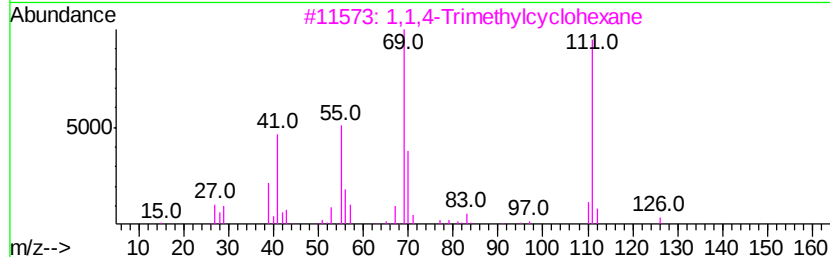
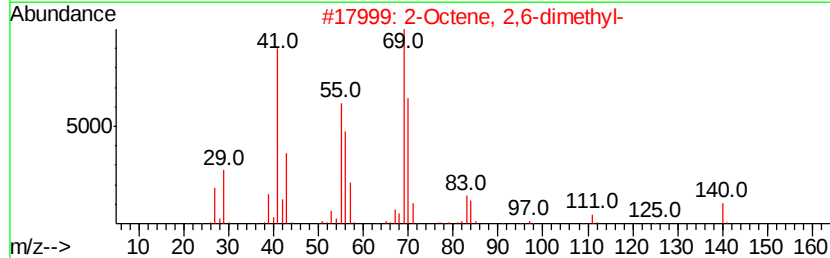
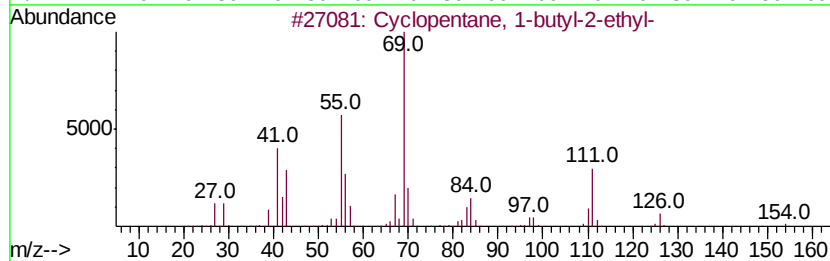
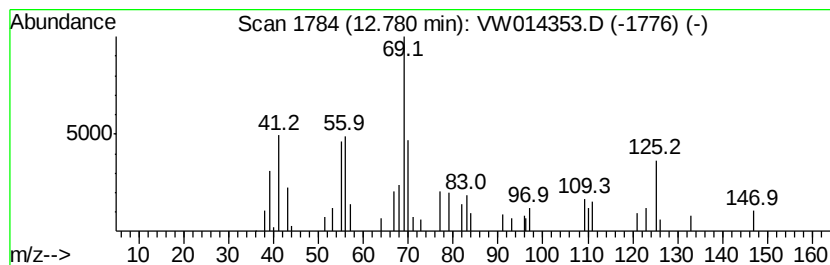
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ClientSampleId :
ETK82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic12.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	50.17 ug/L	12301	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	47
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	47
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
5	2-Methyl-2-octene	126	C9H18	016993-86-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

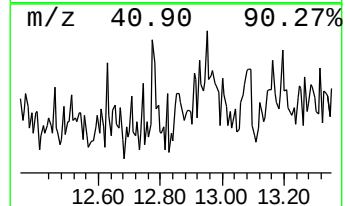
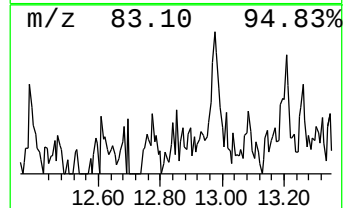
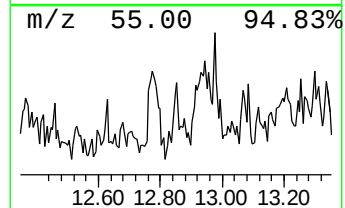
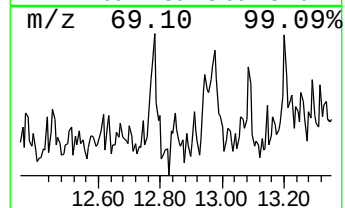
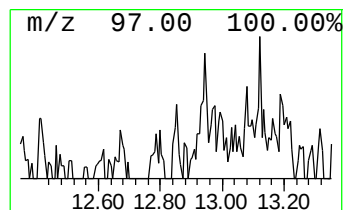
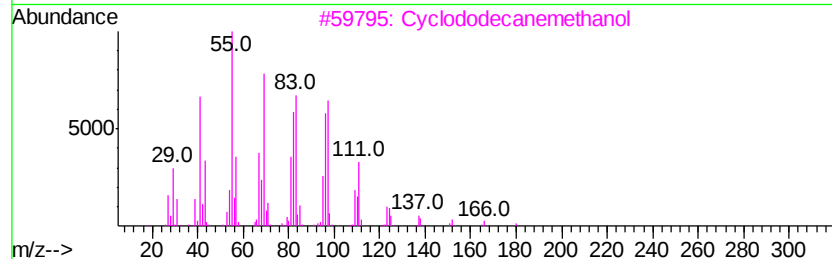
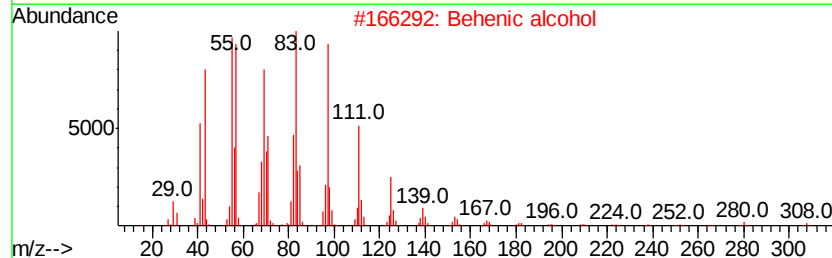
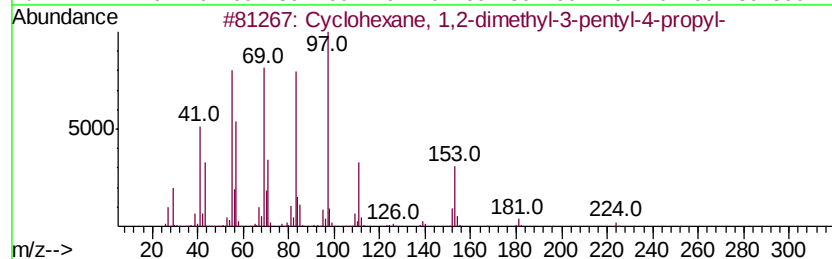
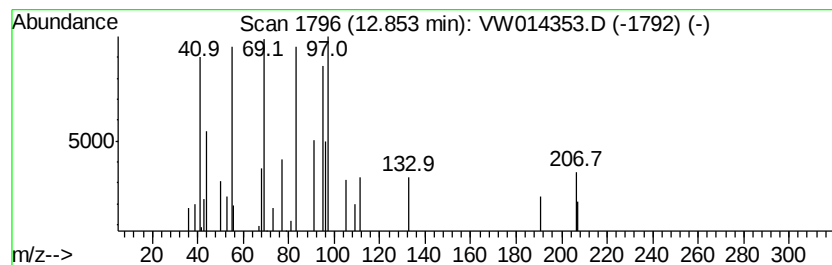
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic12.85 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.85	31.65 ug/L	7761	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	43
2		Behenic alcohol	326	C22H46O	000661-19-8	37
3		Cyclododecanemethanol	198	C13H26O	001892-12-2	37
4		Silane, [(11-bromoundecyl)oxvltr...	322	C14H31BrOSi	026305-83-9	37
5		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82

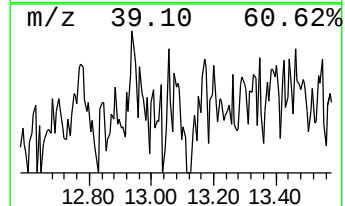
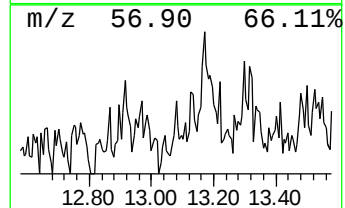
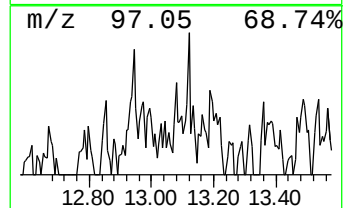
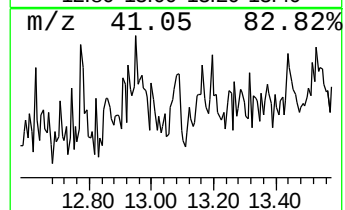
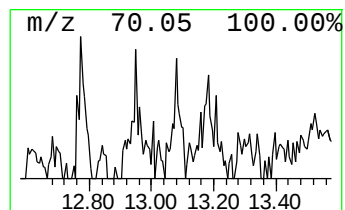
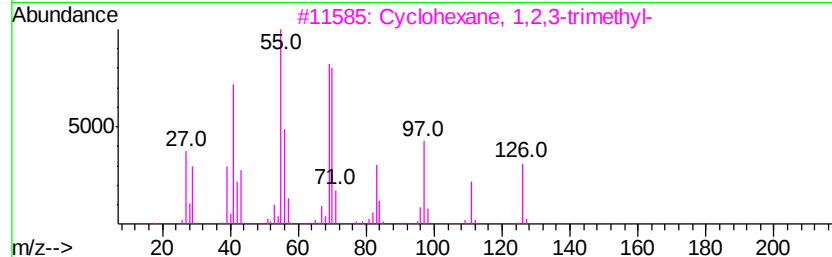
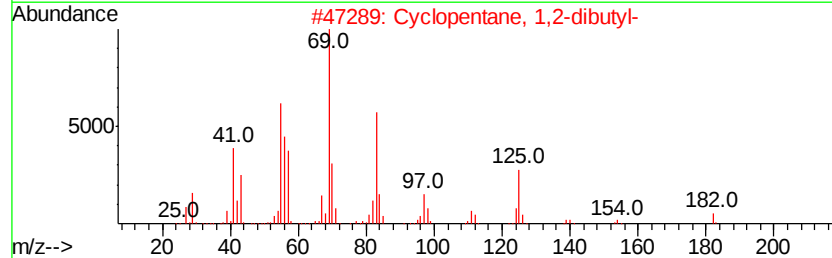
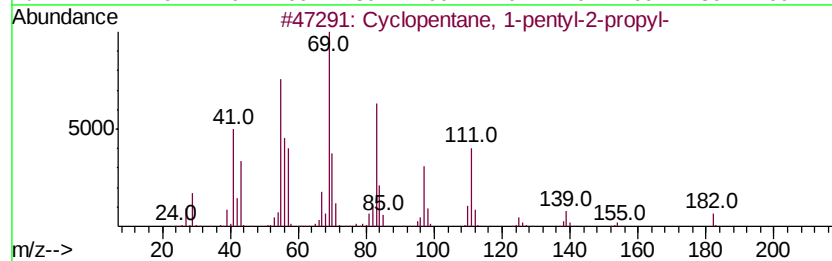
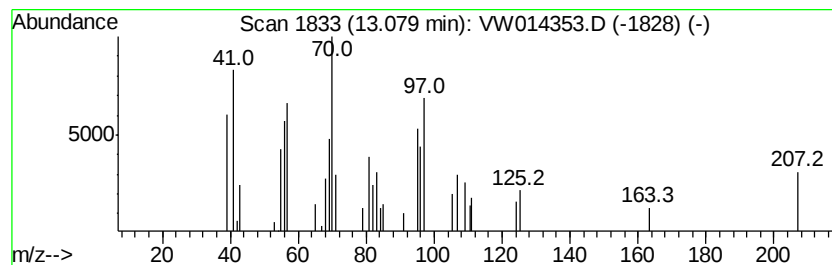
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic13.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	31.07 ug/L	7619	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	53
2		Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	53
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	47
4		11-Methyldodecanol	200	C13H28O	085763-57-1	43
5		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82

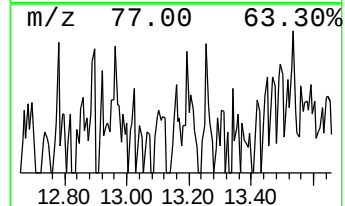
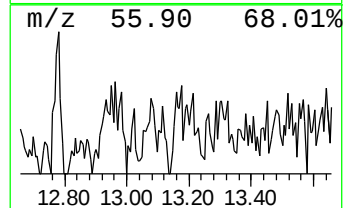
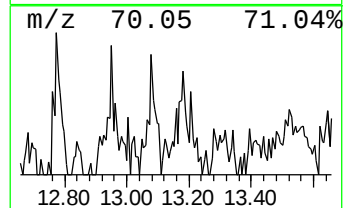
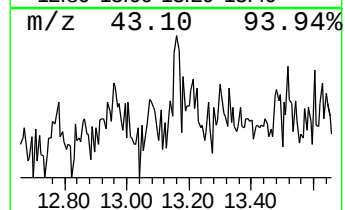
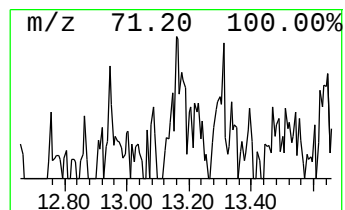
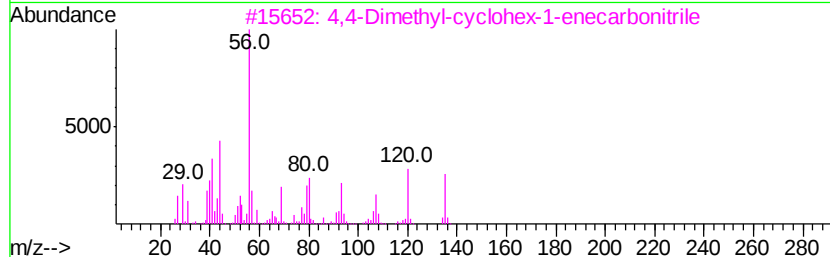
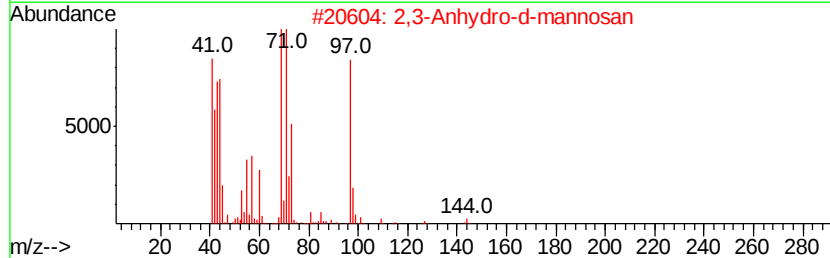
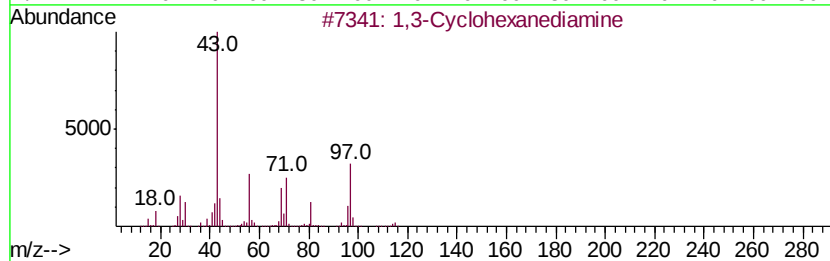
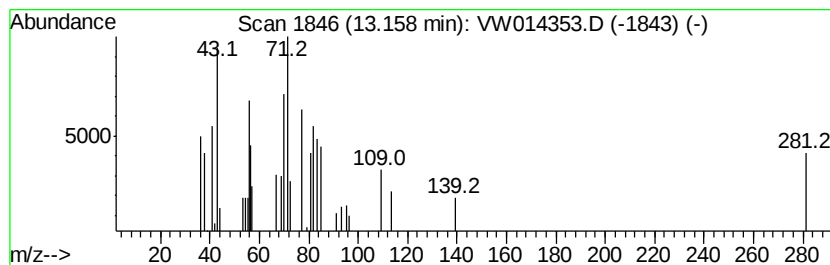
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	20.44 ug/L	5013	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	37
2		2,3-Anhydro-d-mannosan	144	C6H8O4	1000129-98-0	17
3		4,4-Dimethyl-cyclohex-1-enecarbo...	135	C9H13N	1000190-91-4	12
4		Phytol	296	C20H40O	000150-86-7	12
5		Tert.-butylaminoacrylonitril	124	C7H12N2	077376-84-2	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

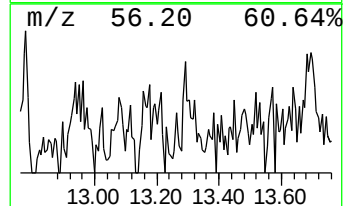
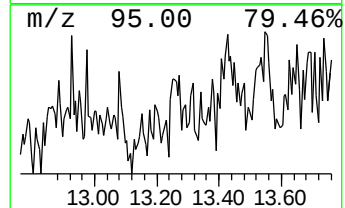
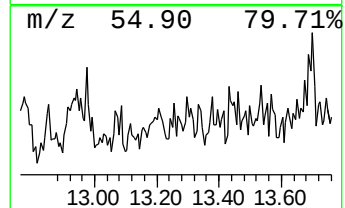
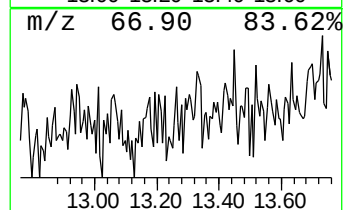
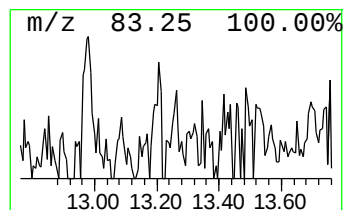
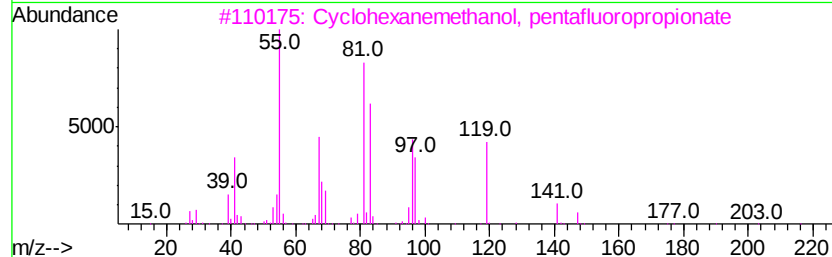
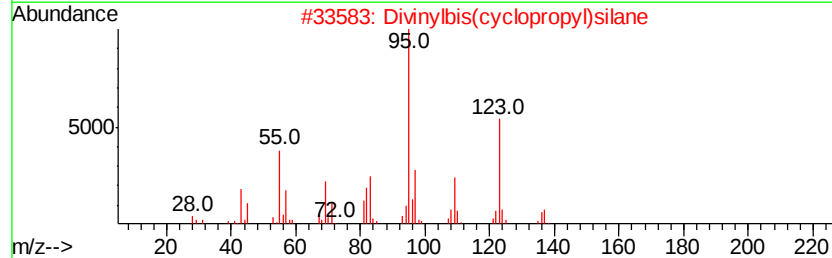
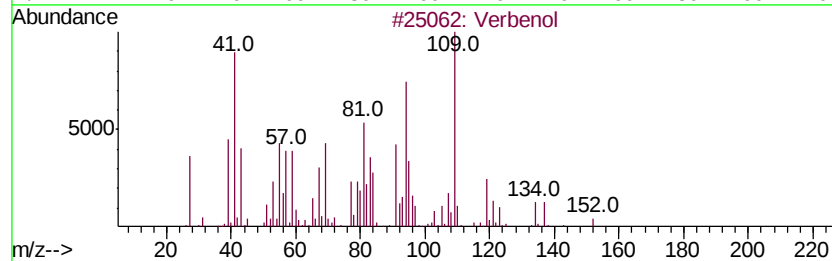
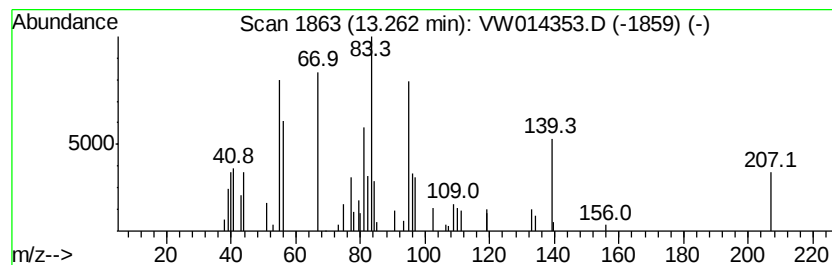
Instrument :
MSVOA_W
ClientSampleId :
ETK82

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 17 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	25.00 ug/L	6130	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Verbenol	152	C10H16O	000473-67-6	17
2	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	17
3	Cyclohexanemethanol, pentafluoro...	260	C10H13F5O2	1000364-12-9	17
4	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	16
5	2-Pentynal semicarbazone	139	C6H9N3O	117785-63-4	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

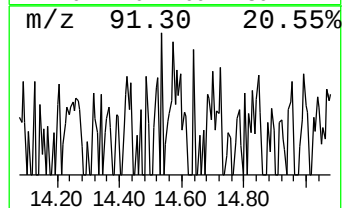
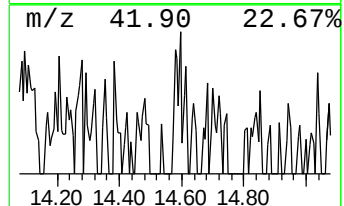
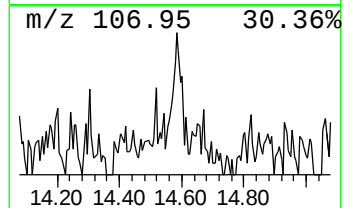
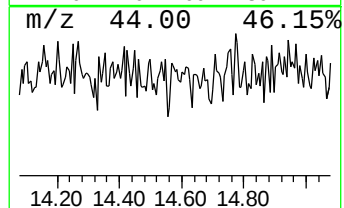
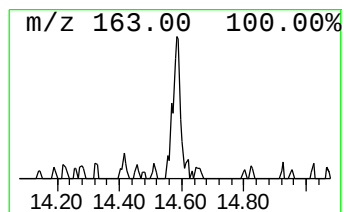
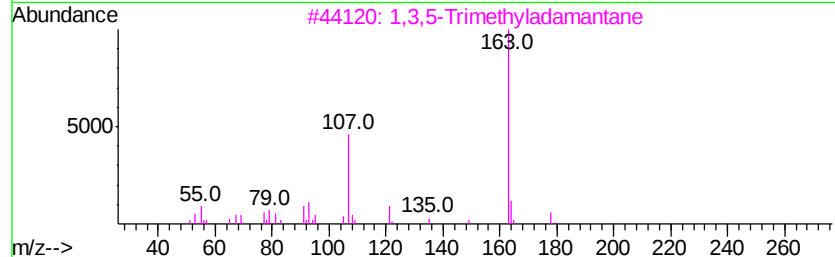
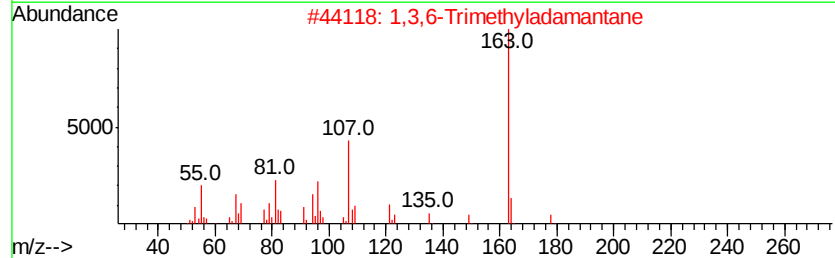
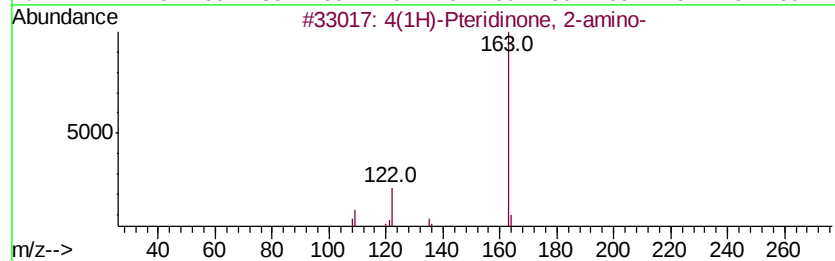
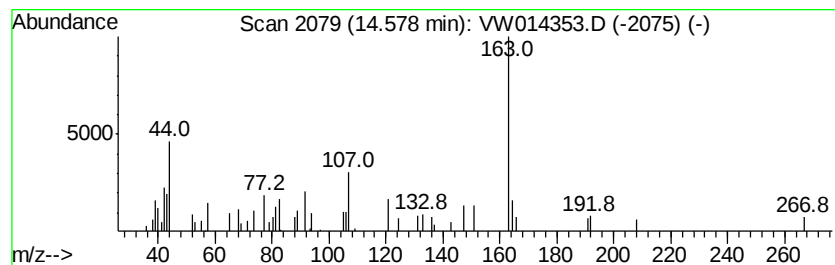
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 18 4(1H)-Pteridinone, 2-amino- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	31.50 ug/L	7725	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4(1H)-Pteridinone, 2-amino-	163 C6H5N5O	002236-60-4 50
2		1,3,6-Trimethyladamantane	178 C13H22	024139-37-5 47
3		1,3,5-Trimethyladamantane	178 C13H22	000707-35-7 38
4		2-Propenal, 3-(2,6,6-trimethyl-1...	178 C12H18O	004951-40-0 27
5		1,4-Benzenedicarboxylic acid, et...	208 C11H12O4	022163-52-6 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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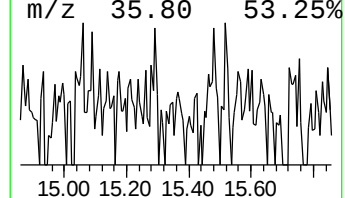
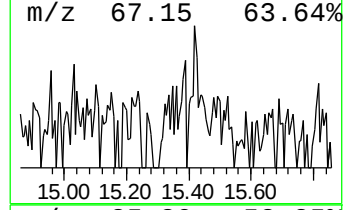
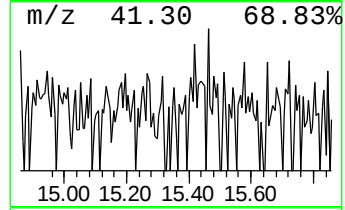
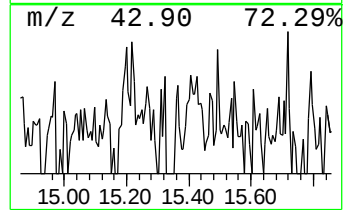
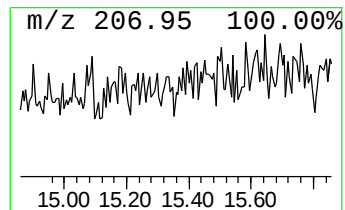
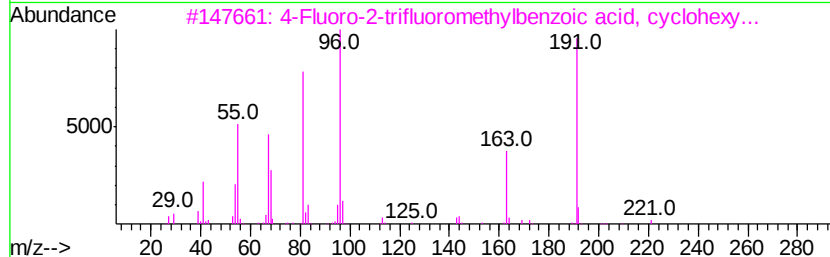
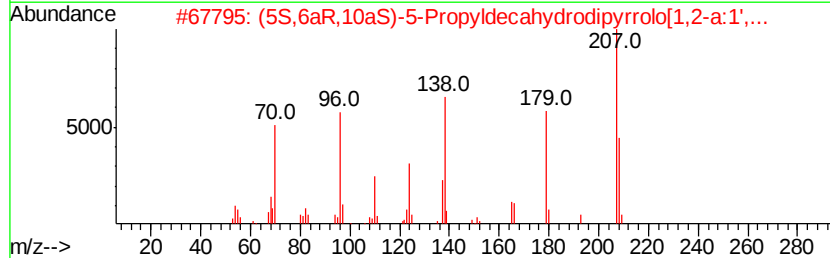
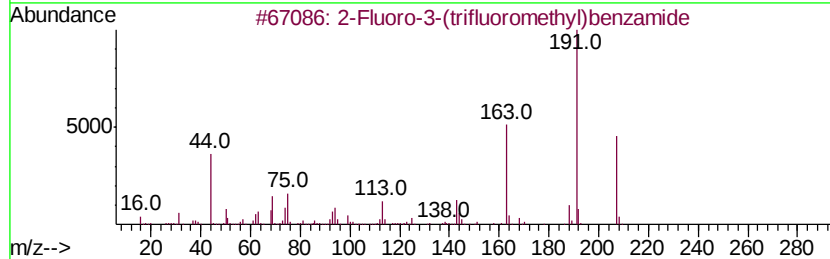
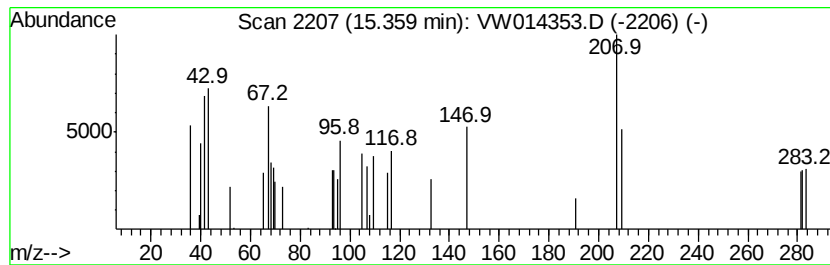
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	7.40 ug/L	1814	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Fluoro-3-(trifluoromethyl)benz...	207	C8H5F4NO	207853-60-9	12
2		(5S,6aR,10aS)-5-Propyldecahydrod...	208	C13H24N2	172139-30-9	12
3		4-Fluoro-2-trifluoromethylbenzoi...	304	C15H16F4O2	1000357-66-3	10
4		1-Benzazirene-1-carboxylic acid,...	265	C15H23NO3	1000197-90-8	10
5		1,2,5-Oxadiazol-3-amine, 4-(3-me...	207	C9H9N3O3	1000351-72-8	10



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
 Data File : VW014353.D
 Acq On : 13 Dec 2019 16:48
 Operator : SY/VA
 Sample : K6270-04
 Misc : 5.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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
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(DEL) Alkane: Str...	3.40	5.1	ug/L	20793	1	8.84	101432	25.0
unknown-01	5.44	1.5	ug/L	6166	1	8.84	101432	25.0
(DEL) Alkane: Str...	5.95	4.0	ug/L	16320	1	8.84	101432	25.0
(DEL) Alkane: Cyc...	6.98	1.9	ug/L	7786	1	8.84	101432	25.0
unknown-02	8.16	1.4	ug/L	5603	1	8.84	101432	25.0
(DEL) Alkane: Str...	8.70	2.3	ug/L	9138	1	8.84	101432	25.0
unknown-03	12.33	2.0	ug/L	5364	2	11.63	66639	25.0
unknown-04	12.37	3.0	ug/L	8055	2	11.63	66639	25.0
(DEL) Alkane: Cyc...	12.78	50.2	ug/L	12301	3	13.57	6130	25.0
(DEL) Alkane: Cyc...	12.85	31.6	ug/L	7761	3	13.57	6130	25.0
(DEL) Alkane: Cyc...	13.08	31.1	ug/L	7619	3	13.57	6130	25.0
unknown-05	13.16	20.4	ug/L	5013	3	13.57	6130	25.0
unknown-06	13.26	25.0	ug/L	6130	3	13.57	6130	25.0
4(1H)-Pteridinone...	14.58	31.5	ug/L	7725	3	13.57	6130	25.0
unknown-07	15.36	7.4	ug/L	1814	3	13.57	6130	25.0