

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
 Data File : VW007152.D
 Acq On : 30 Nov 2018 19:49
 Operator : SY/AP
 Sample : J6077-01
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y35

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\SOM2WLM113018S.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	2.349	68	73	86	rVB	28637	46744	9.30%	0.790%
2	2.501	94	98	102	rBV2	1423	2246	0.45%	0.038%
3	2.891	155	162	175	rVB	19857	39625	7.88%	0.669%
4	3.275	219	225	229	rVB4	675	1453	0.29%	0.025%
5	3.873	315	323	332	rVB6	557	1568	0.31%	0.026%
6	4.019	337	347	358	rBV	55056	141917	28.22%	2.397%
7	4.135	359	366	380	rVB3	1939	6850	1.36%	0.116%
8	4.397	402	409	410	rBV3	1208	2318	0.46%	0.039%
9	4.921	486	495	496	rBV2	5531	10867	2.16%	0.184%
10	5.446	573	581	589	rVV3	971	2957	0.59%	0.050%
11	5.952	653	664	673	rVB5	3134	9335	1.86%	0.158%
12	6.897	818	819	824	rVB4	595	806	0.16%	0.014%
13	7.080	839	849	855	rBV2	12202	34663	6.89%	0.586%
14	7.653	931	943	956	rVV	65551	165555	32.93%	2.796%
15	7.964	987	994	1000	rBV4	2634	5848	1.16%	0.099%
16	8.037	1000	1006	1012	rVB4	2380	5452	1.08%	0.092%
17	8.281	1037	1046	1062	rVB2	140650	406182	80.78%	6.861%
18	8.439	1062	1072	1078	rBV4	6715	17159	3.41%	0.290%
19	8.512	1078	1084	1089	rVV3	6313	13604	2.71%	0.230%
20	8.579	1089	1095	1102	rVB4	11228	24703	4.91%	0.417%
21	8.848	1130	1139	1147	rBV	149937	291890	58.05%	4.930%
22	9.280	1202	1210	1216	rBV	90393	211472	42.06%	3.572%
23	9.335	1216	1219	1226	rVB	30596	57829	11.50%	0.977%
24	9.518	1246	1249	1254	rVB5	657	1067	0.21%	0.018%
25	9.610	1254	1264	1273	rVB2	16654	34689	6.90%	0.586%
26	9.756	1281	1288	1294	rVB	20017	38892	7.73%	0.657%
27	9.902	1306	1312	1315	rBV	4128	7496	1.49%	0.127%
28	9.945	1315	1319	1326	rVB3	3448	6484	1.29%	0.110%
29	10.036	1326	1334	1339	rBV	52578	95946	19.08%	1.621%
30	10.079	1339	1341	1346	rVB2	6810	10536	2.10%	0.178%
31	10.134	1346	1350	1355	rVB2	3364	5501	1.09%	0.093%
32	10.213	1358	1363	1365	rBV3	4370	6914	1.38%	0.117%
33	10.329	1374	1382	1395	rBV	261501	502817	100.00%	8.493%
34	10.451	1396	1402	1404	rBV3	6344	10531	2.09%	0.178%

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35	10.506	1404	1411	1418	rVB4	17960	47728	9.49%	0.806%
36	10.579	1418	1423	1428	rBV	35682	64404	12.81%	1.088%
37	10.622	1428	1430	1433	rVV2	7303	10102	2.01%	0.171%
38	10.664	1433	1437	1442	rVV	27875	47464	9.44%	0.802%
39	10.713	1442	1445	1447	rVV	5243	6812	1.35%	0.115%
40	10.762	1449	1453	1458	rVB3	14356	26211	5.21%	0.443%
41	10.847	1464	1467	1472	rVB2	5847	9900	1.97%	0.167%
42	10.926	1473	1480	1488	rBV3	66498	125204	24.90%	2.115%
43	11.000	1488	1492	1493	rBV4	2555	3144	0.63%	0.053%
44	11.067	1500	1503	1507	rVB	13251	20341	4.05%	0.344%
45	11.115	1507	1511	1512	rBV3	3319	3703	0.74%	0.063%
46	11.146	1512	1516	1518	rVV3	10587	16746	3.33%	0.283%
47	11.183	1518	1522	1525	rVV	28500	48051	9.56%	0.812%
48	11.231	1525	1530	1536	rVV	65834	121714	24.21%	2.056%
49	11.286	1536	1539	1542	rVV2	9130	13664	2.72%	0.231%
50	11.335	1543	1547	1552	rVB2	23263	40319	8.02%	0.681%
51	11.439	1559	1564	1571	rVB2	33085	56386	11.21%	0.952%
52	11.506	1571	1575	1579	rBV4	4286	7000	1.39%	0.118%
53	11.561	1580	1584	1587	rBV4	3671	5982	1.19%	0.101%
54	11.634	1590	1596	1605	rBV	221095	375939	74.77%	6.350%
55	11.725	1607	1611	1614	rBV	8040	11481	2.28%	0.194%
56	11.768	1614	1618	1621	rBV2	13043	18104	3.60%	0.306%
57	11.810	1621	1625	1631	rVB7	12719	24328	4.84%	0.411%
58	11.878	1631	1636	1640	rBV	26518	51539	10.25%	0.871%
59	11.981	1648	1653	1658	rBV4	7568	12840	2.55%	0.217%
60	12.042	1658	1663	1672	rVB4	9759	21265	4.23%	0.359%
61	12.140	1672	1679	1687	rBV3	33095	80768	16.06%	1.364%
62	12.256	1695	1698	1702	rVB	20529	28626	5.69%	0.484%
63	12.310	1702	1707	1708	rBV3	8824	14979	2.98%	0.253%
64	12.347	1708	1713	1719	rBV4	46497	114056	22.68%	1.927%
65	12.615	1752	1757	1763	rVB	21428	36110	7.18%	0.610%
66	12.694	1763	1770	1777	rBV	96793	172130	34.23%	2.908%
67	12.786	1780	1785	1792	rVB3	47550	93891	18.67%	1.586%
68	12.865	1792	1798	1803	rBV5	12235	29263	5.82%	0.494%
69	12.944	1803	1811	1817	rVV5	28982	74788	14.87%	1.263%
70	13.085	1830	1834	1838	rVB4	10088	14536	2.89%	0.246%
71	13.182	1845	1850	1859	rVB7	14256	36768	7.31%	0.621%

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72	13.274	1860	1865	1866	rBV3	7858	12572	2.50%	0.212%
73	13.457	1888	1895	1899	rBV4	20106	39958	7.95%	0.675%
74	13.560	1906	1912	1921	rVB	237825	387792	77.12%	6.550%
75	13.810	1949	1953	1954	rBV3	7282	8745	1.74%	0.148%
76	13.859	1955	1961	1970	rVB	217365	429807	85.48%	7.260%
77	14.103	1997	2001	2007	rVB	42143	67739	13.47%	1.144%
78	14.164	2008	2011	2014	rBV	10716	16599	3.30%	0.280%
79	14.212	2014	2019	2025	rVB4	37426	70734	14.07%	1.195%
80	14.280	2025	2030	2034	rBV4	9817	18528	3.68%	0.313%
81	14.328	2034	2038	2044	rBV2	8481	17985	3.58%	0.304%
82	14.389	2044	2048	2051	rBV3	24224	36850	7.33%	0.622%
83	14.505	2063	2067	2070	rBV	10349	14361	2.86%	0.243%
84	14.554	2071	2075	2082	rVV4	18205	38718	7.70%	0.654%
85	14.706	2095	2100	2103	rBV3	8076	14489	2.88%	0.245%
86	14.743	2103	2106	2110	rVV3	7661	11475	2.28%	0.194%
87	14.798	2110	2115	2122	rVV2	113589	208126	41.39%	3.516%
88	14.865	2122	2126	2132	rVB3	14133	25575	5.09%	0.432%
89	14.962	2139	2142	2147	rBV2	10958	17156	3.41%	0.290%
90	15.066	2157	2159	2163	rVB3	14193	19049	3.79%	0.322%
91	15.115	2163	2167	2172	rVV2	20240	34151	6.79%	0.577%
92	15.182	2173	2178	2184	rVB3	37085	78876	15.69%	1.332%
93	15.328	2197	2202	2206	rBV2	14295	25181	5.01%	0.425%
94	15.663	2250	2257	2264	rBV10	6832	19051	3.79%	0.322%
95	15.743	2265	2270	2275	rBV6	8400	19102	3.80%	0.323%
96	15.871	2288	2291	2299	rVB4	10574	16927	3.37%	0.286%
97	15.956	2302	2305	2312	rVB3	10946	18098	3.60%	0.306%
98	16.188	2334	2343	2349	rBV3	24313	63114	12.55%	1.066%
99	16.456	2381	2387	2392	rBV2	15409	32424	6.45%	0.548%
100	16.657	2412	2420	2427	rBV5	18368	48802	9.71%	0.824%

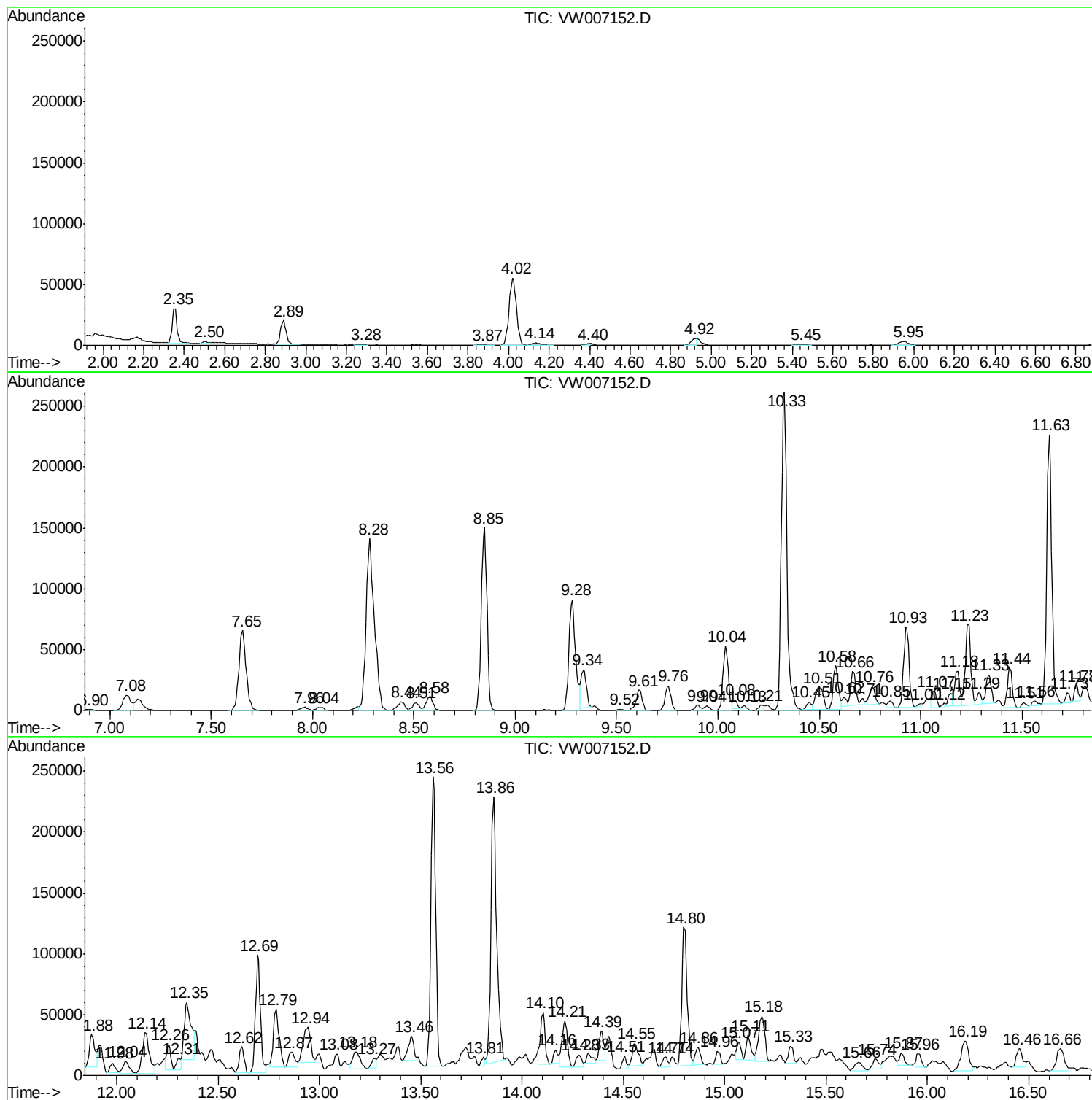
Sum of corrected areas: 5920186

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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



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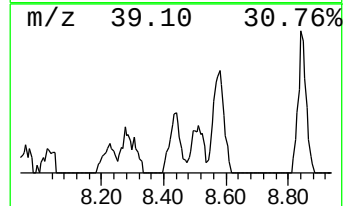
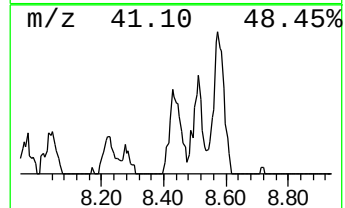
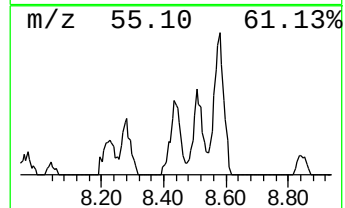
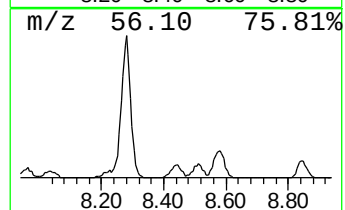
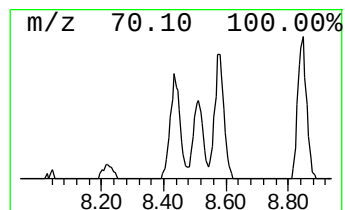
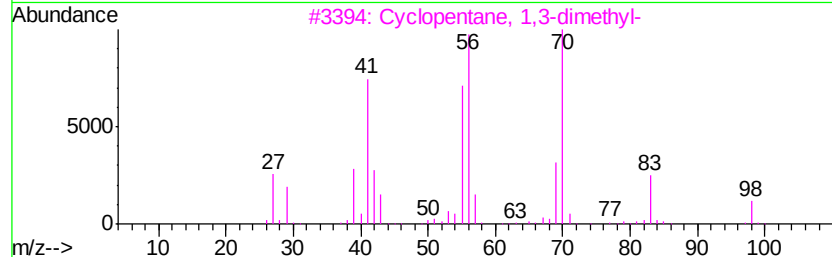
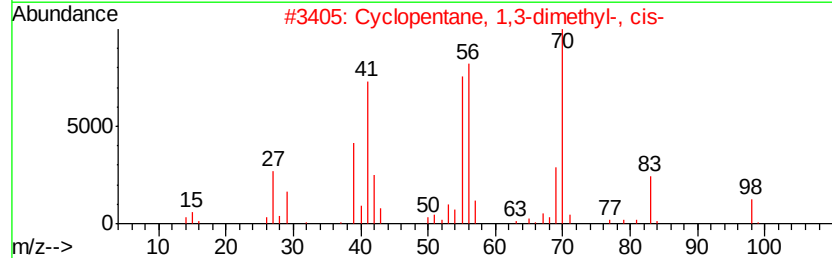
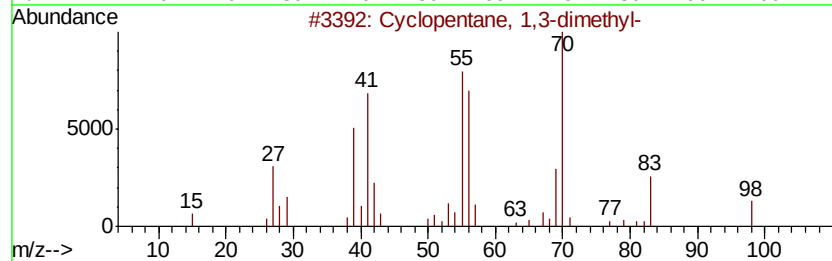
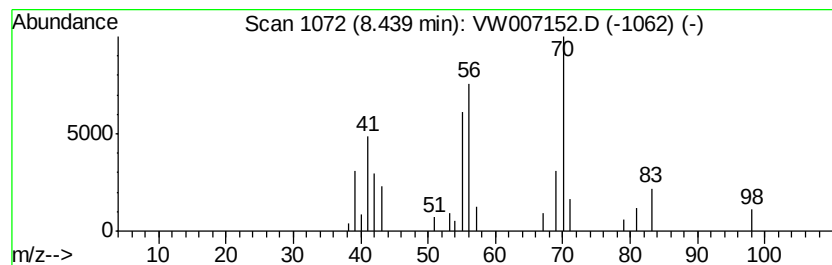
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic8.44 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	1.47 ug/L	17159	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	83
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
5		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	80



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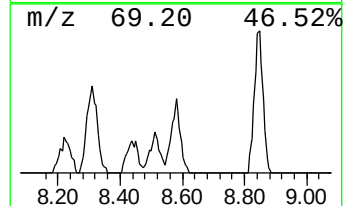
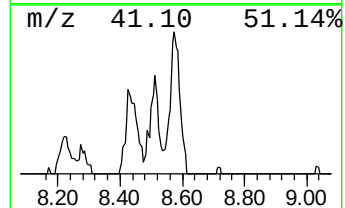
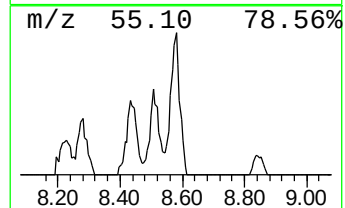
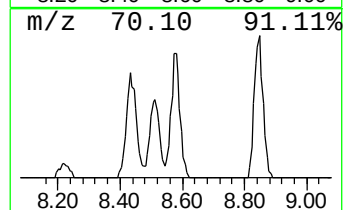
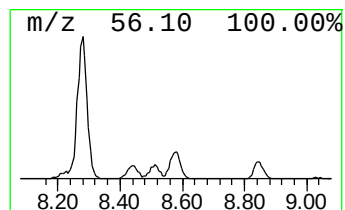
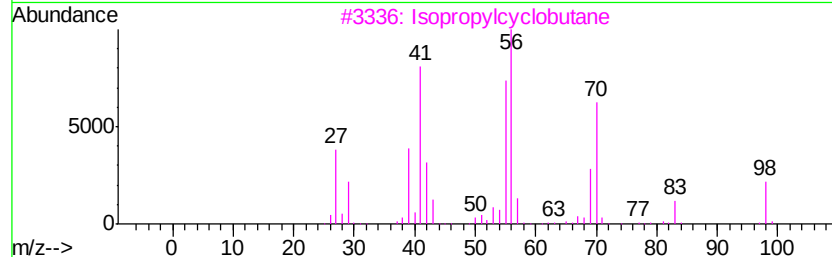
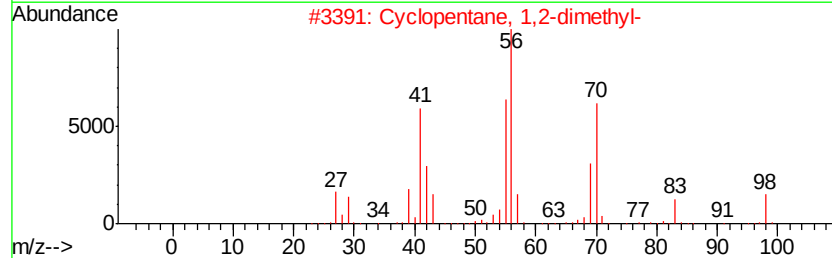
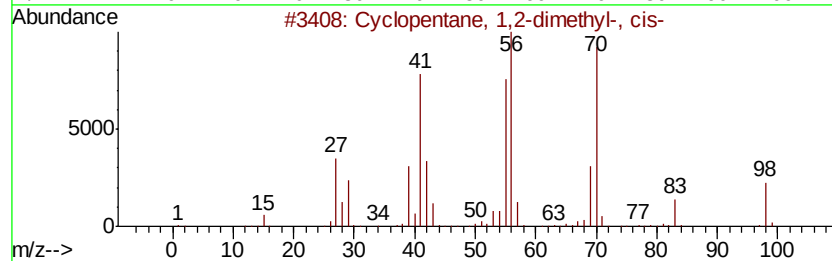
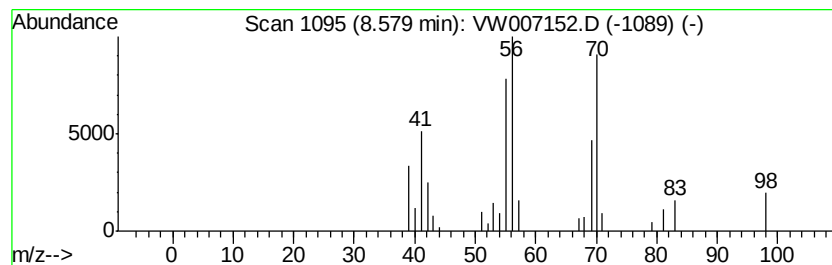
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic8.58 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.12 ug/L	24703	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
2			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3			Isopropylcyclobutane	98	C7H14	000872-56-0	90
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72



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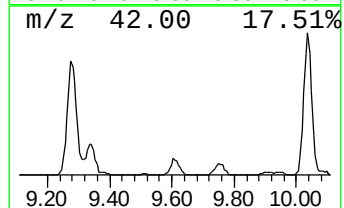
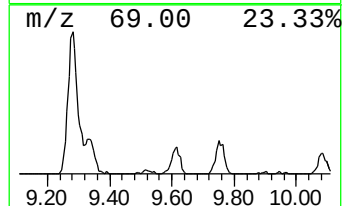
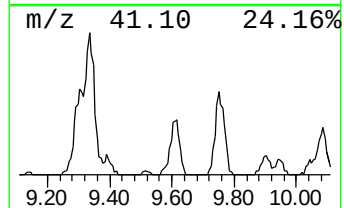
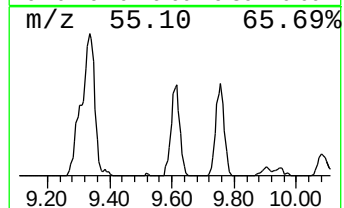
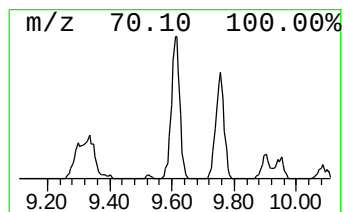
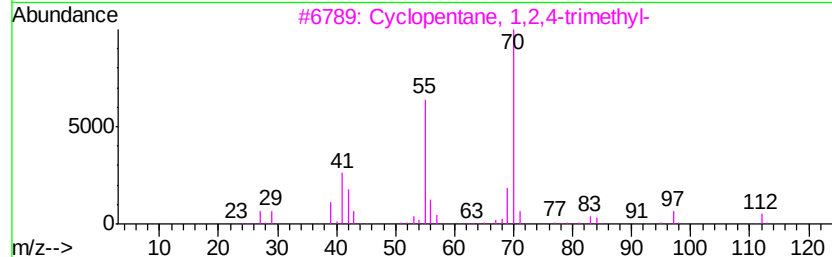
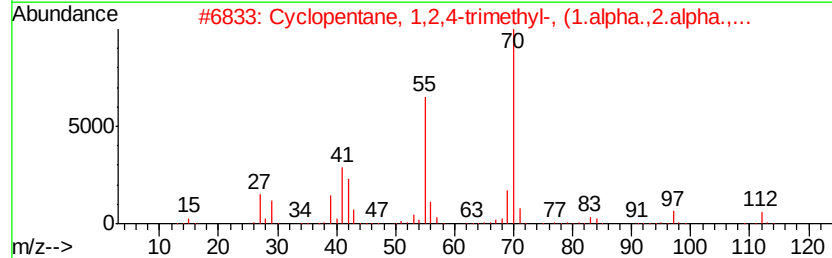
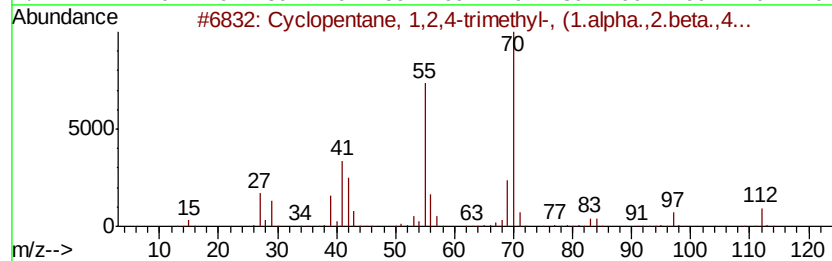
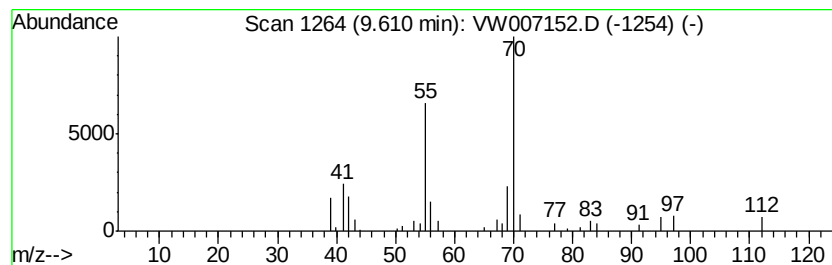
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic9.61 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.97 ug/L	34689	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	93
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	002815-58-9	90
4		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	002815-58-9	86
5		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

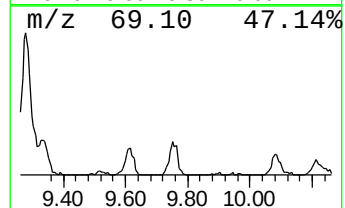
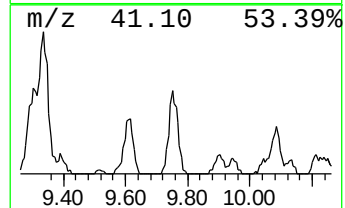
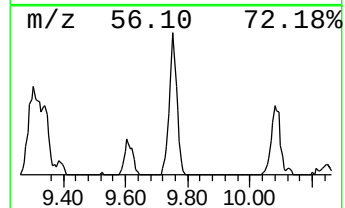
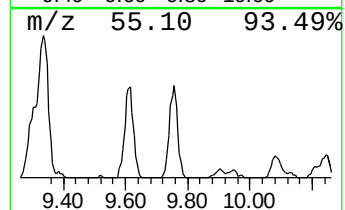
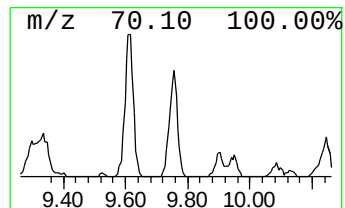
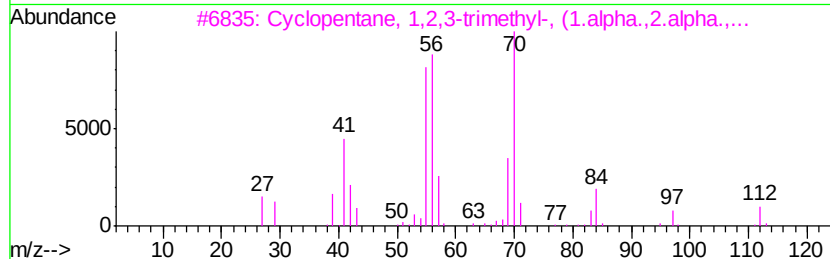
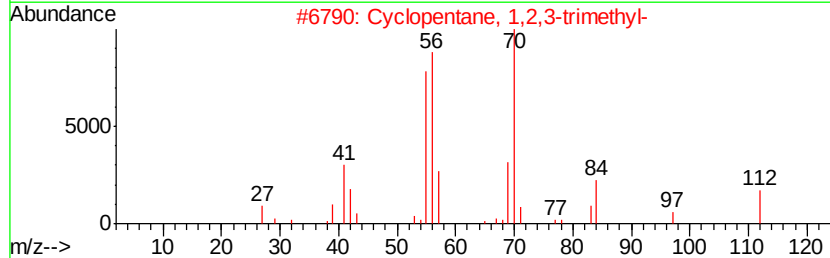
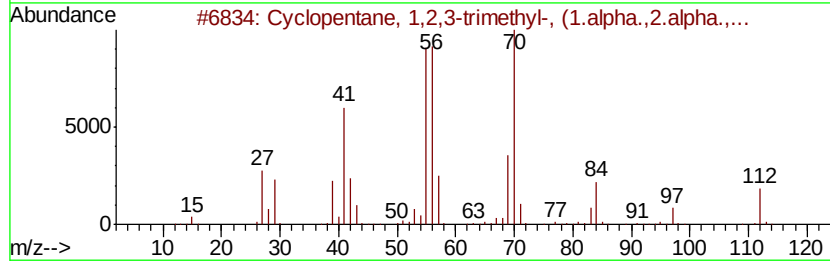
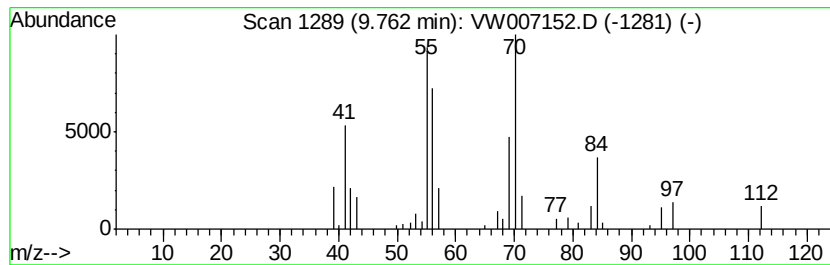
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic9.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	3.33 ug/L	38892	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
2		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4		1-Heptene, 3-methyl-	112	C8H16	004810-09-7	72
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

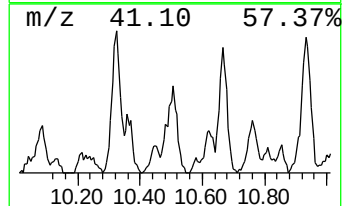
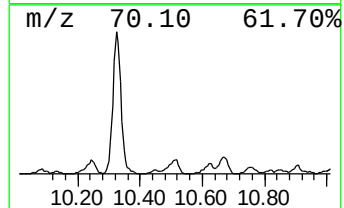
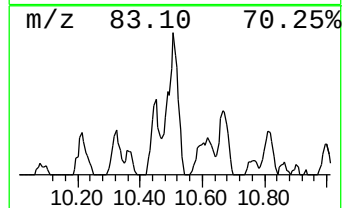
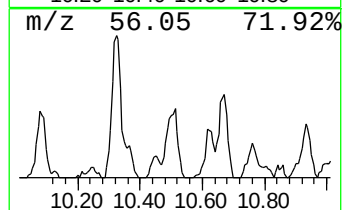
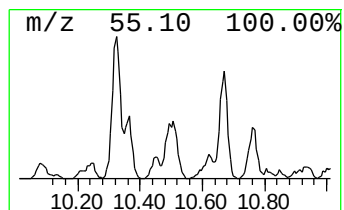
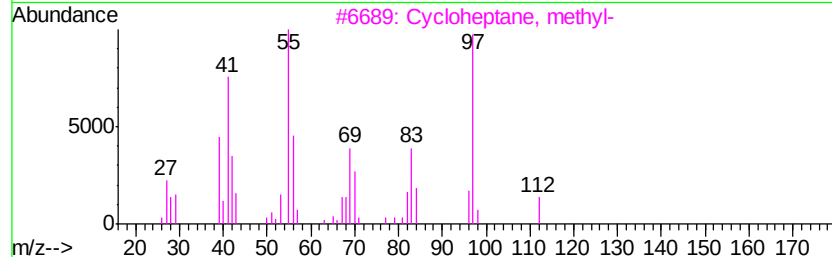
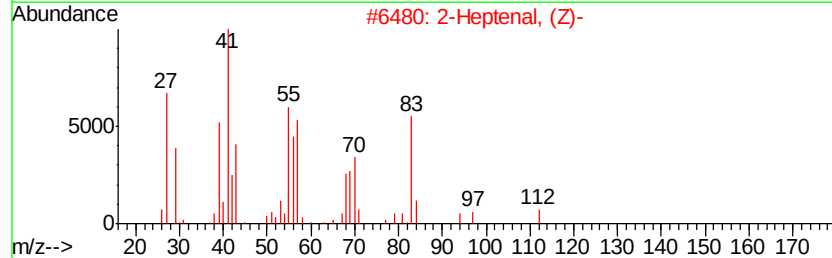
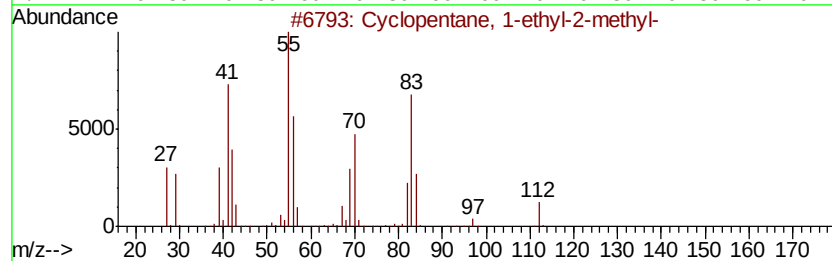
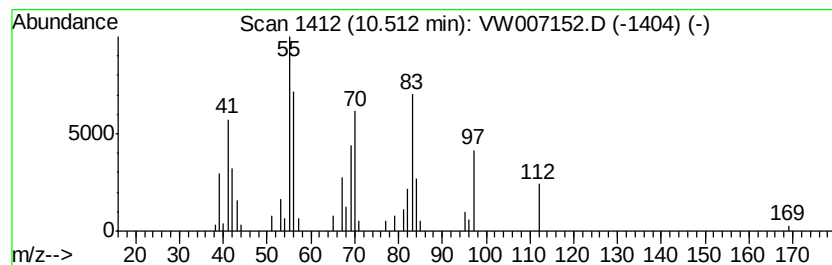
Instrument :
MSVOA_W
ClientSampleId :
F9Y35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic10.51 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.51	3.17 ug/L	47728	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	62
2	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	58
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	58
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

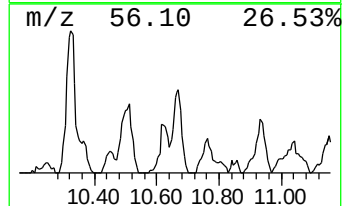
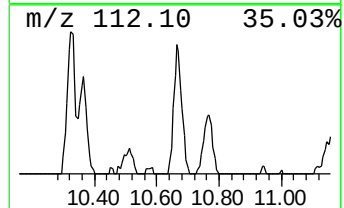
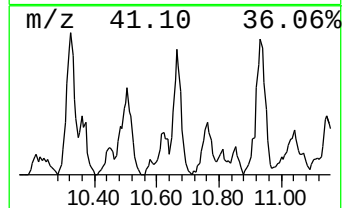
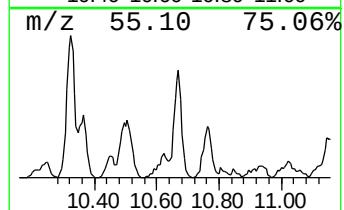
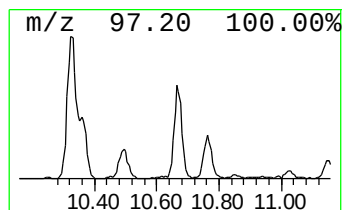
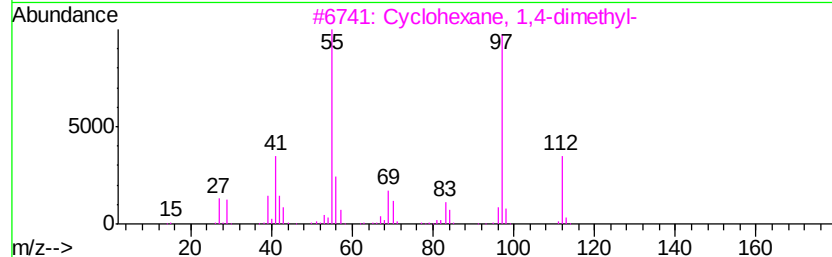
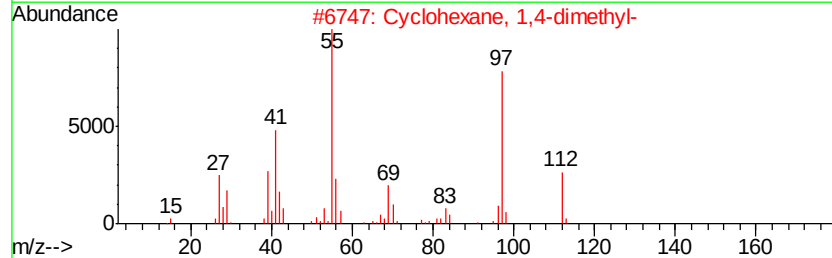
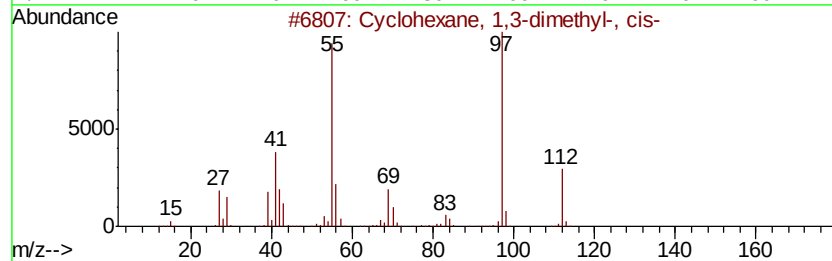
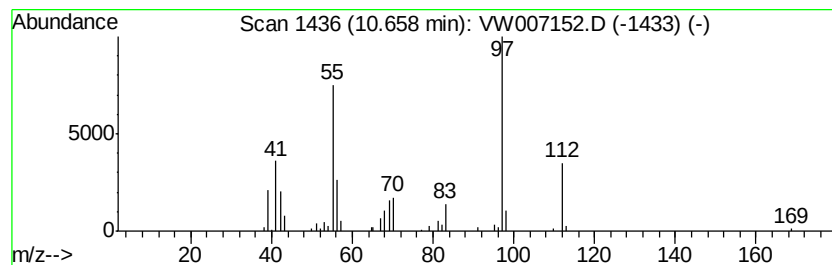
Instrument :
MSVOA_W
ClientSampleId :
F9Y35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic10.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	3.16 ug/L	47464	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	86
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	86
5	2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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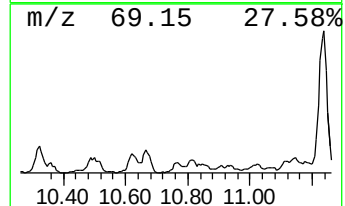
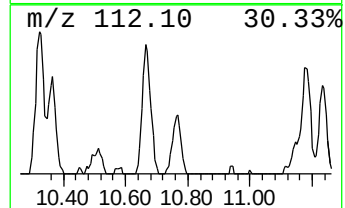
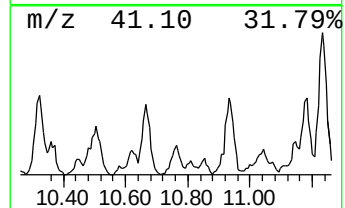
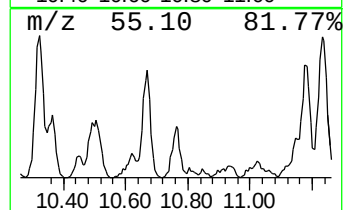
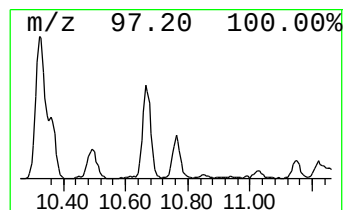
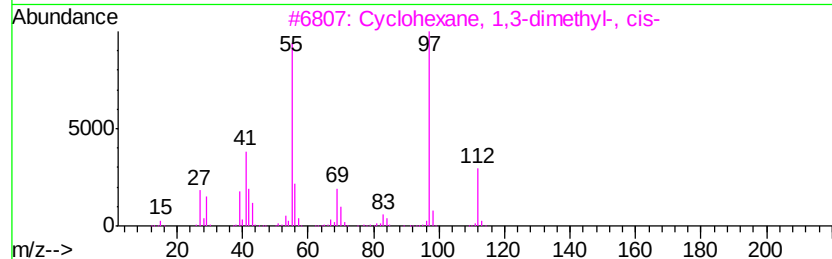
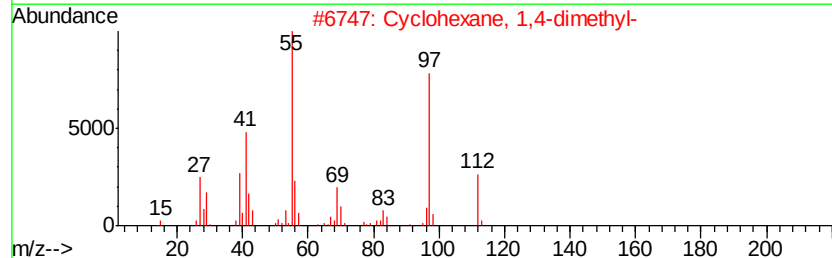
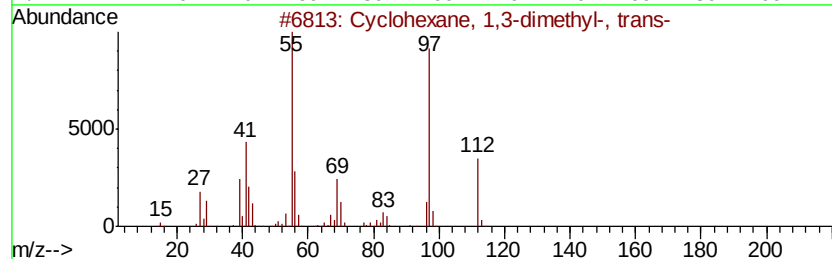
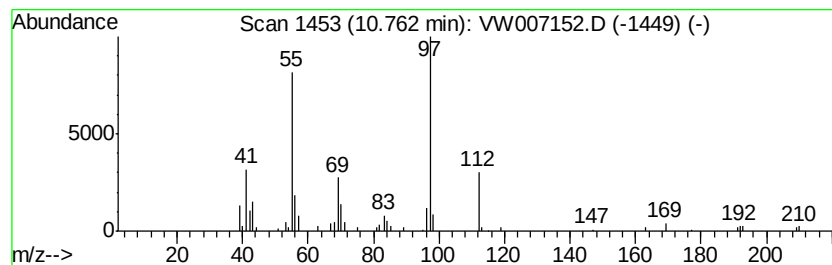
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic10.76 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.74 ug/L	26211	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

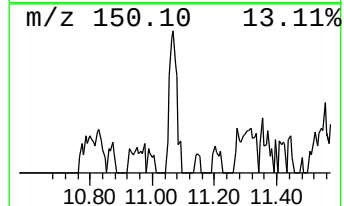
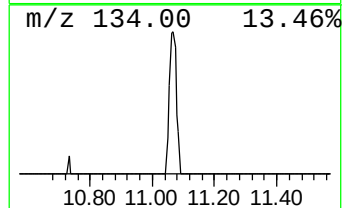
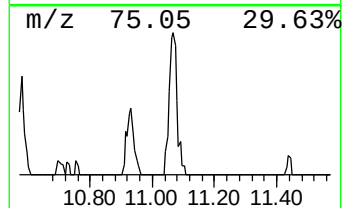
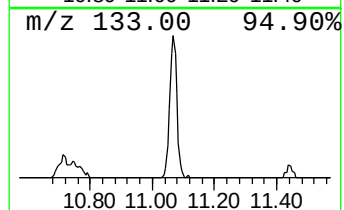
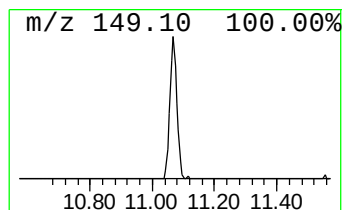
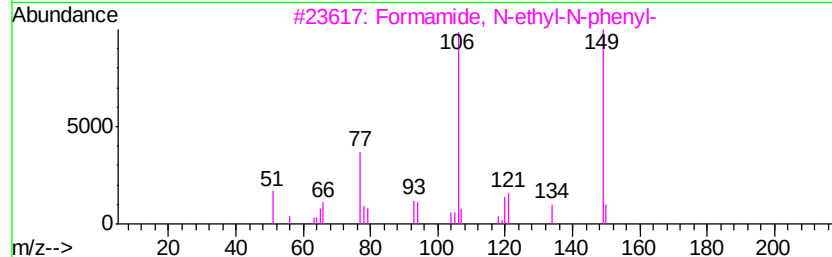
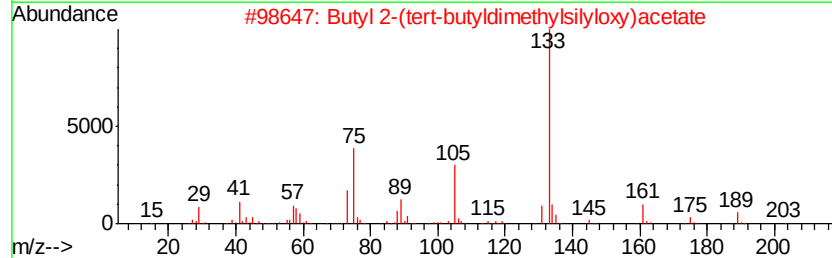
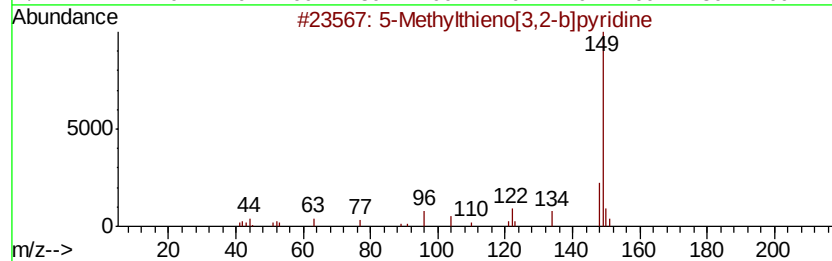
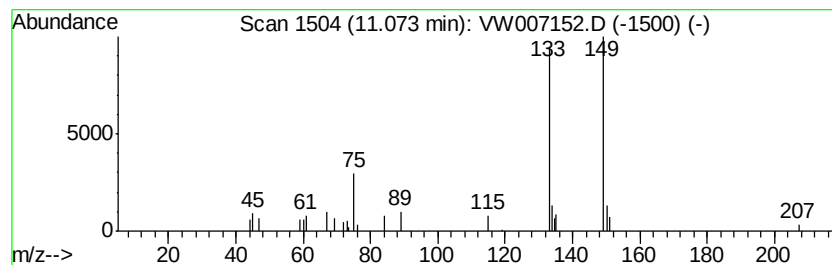
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.35 ug/L	20341	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	35
2		Butyl 2-(tert-butyl dimethylsilyl...	246	C12H26O3Si	1000366-87-5	32
3		Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	25
4		4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	25
5		2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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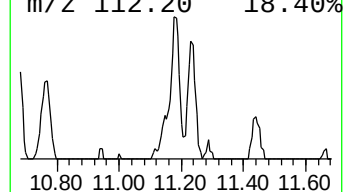
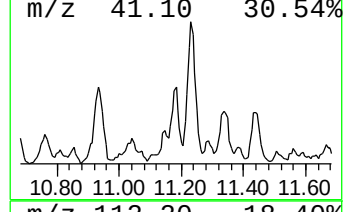
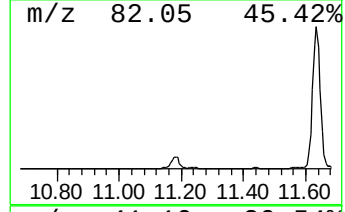
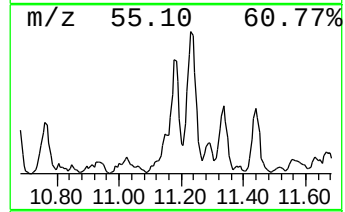
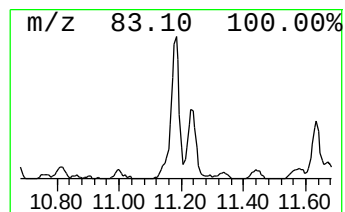
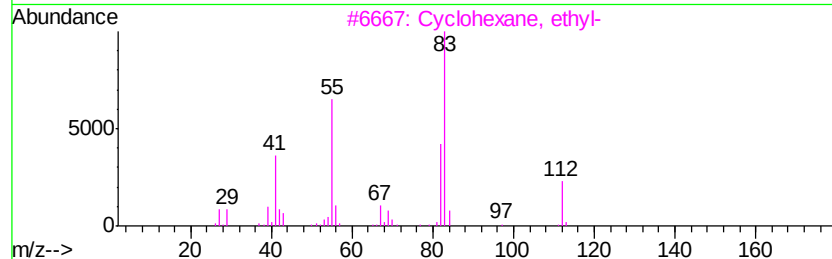
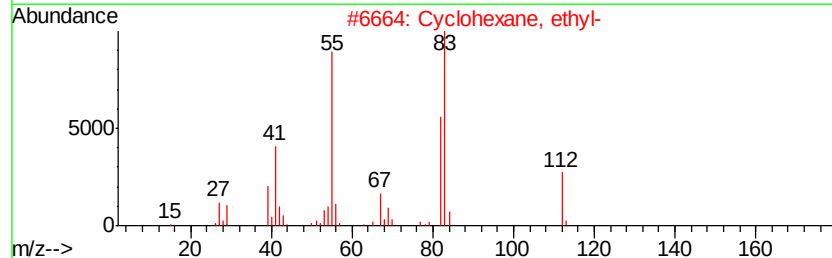
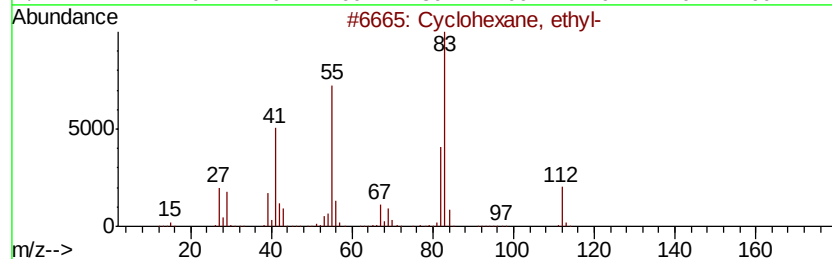
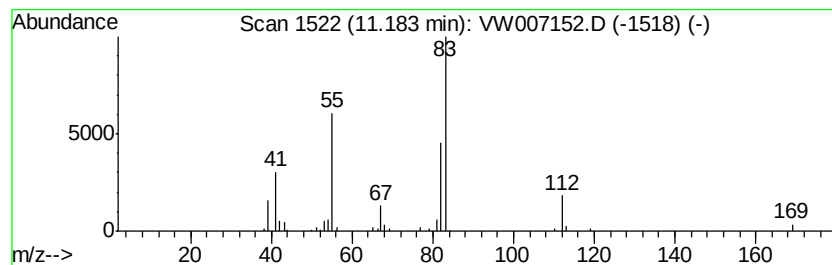
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic11.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.20 ug/L	48051	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

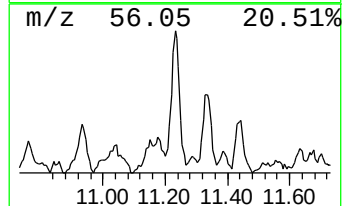
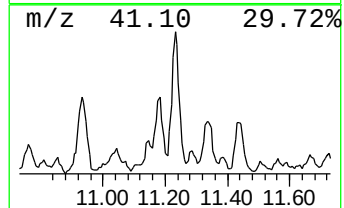
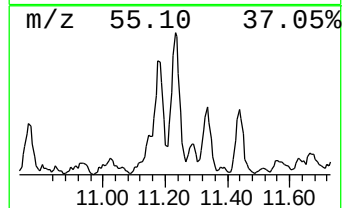
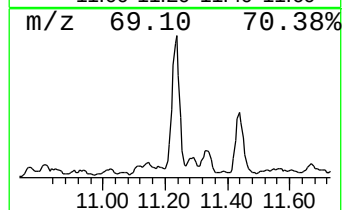
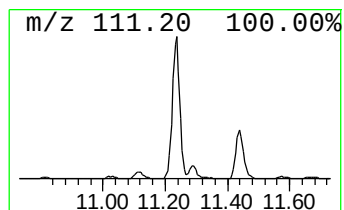
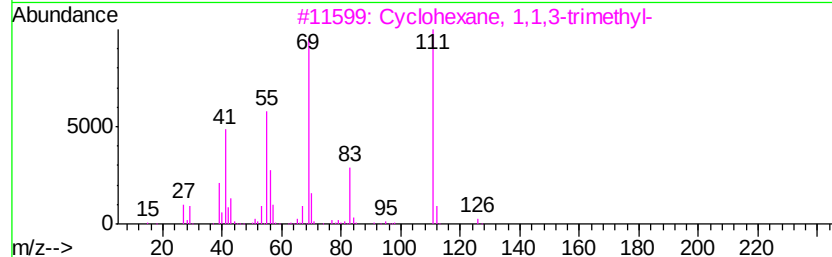
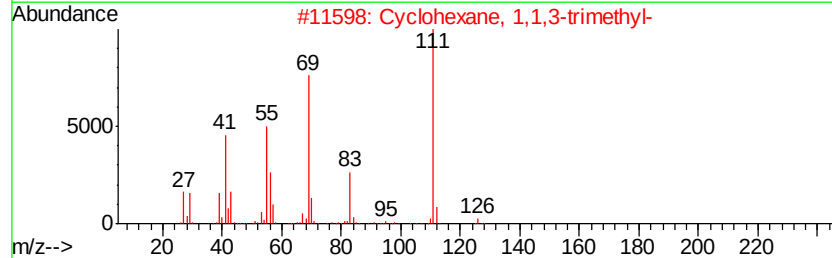
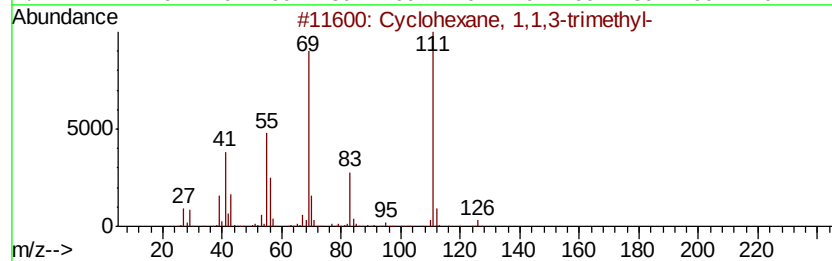
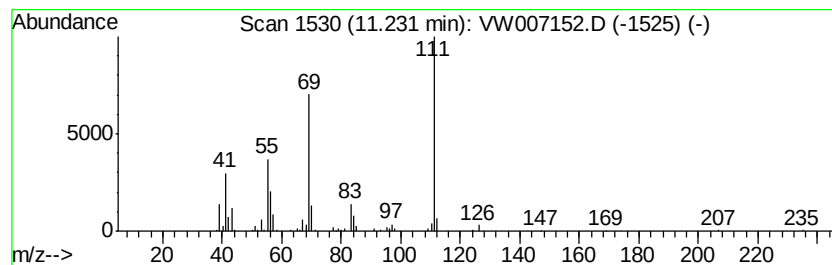
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic11.23 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	8.09 ug/L	121714	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4	Cyclohexane-1-carboxamide, N-(1-...	238	C14H26N2O	1000269-92-1	59
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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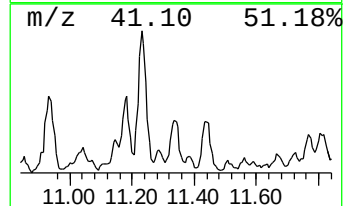
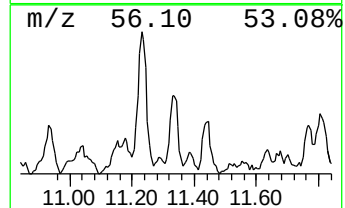
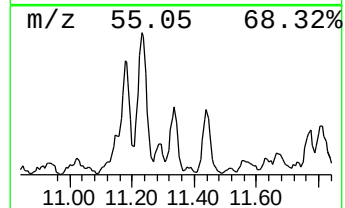
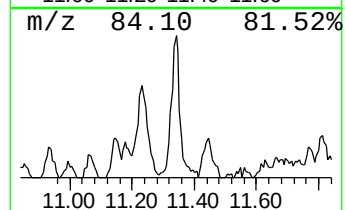
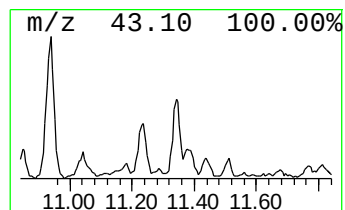
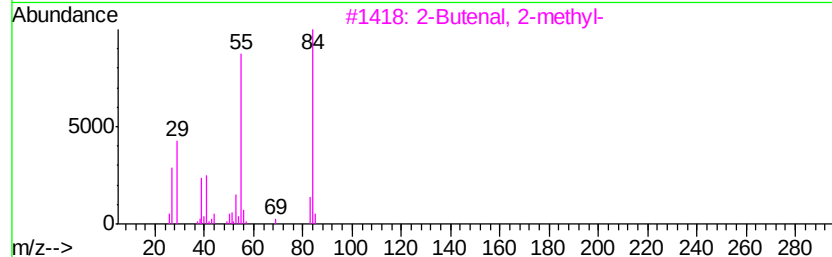
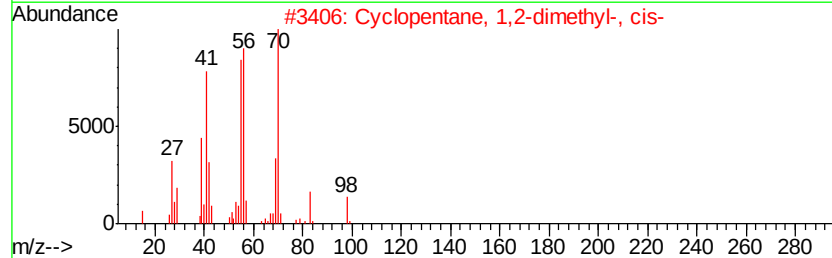
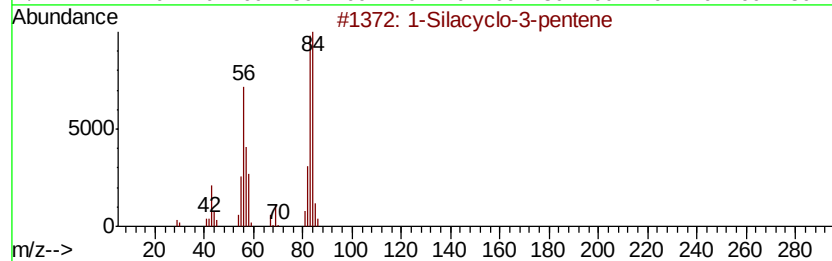
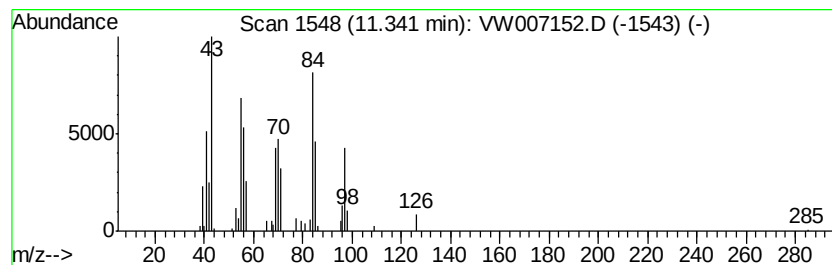
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.68 ug/L	40319	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	27
2			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	25
3			2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	25
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	25
5			2-Butenal, 2-methyl-, (E)-	84	C5H8O	000497-03-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

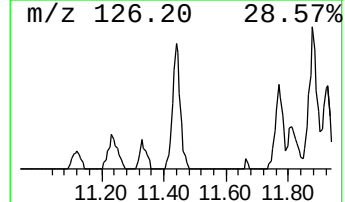
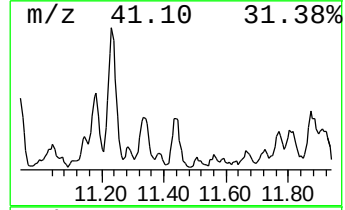
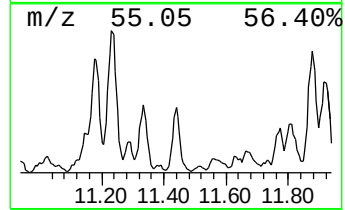
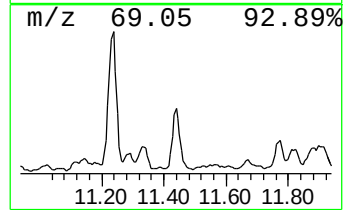
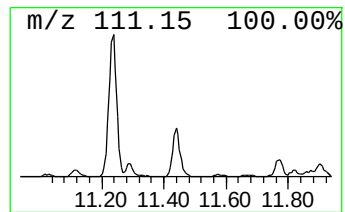
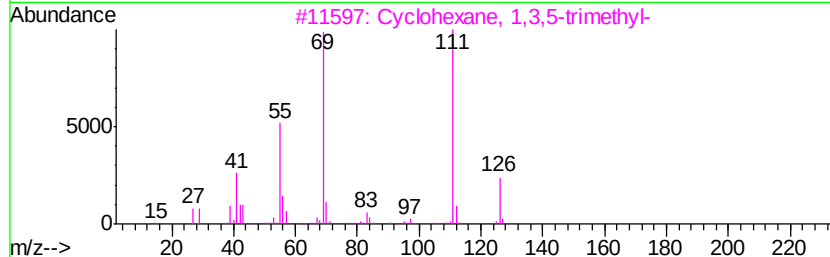
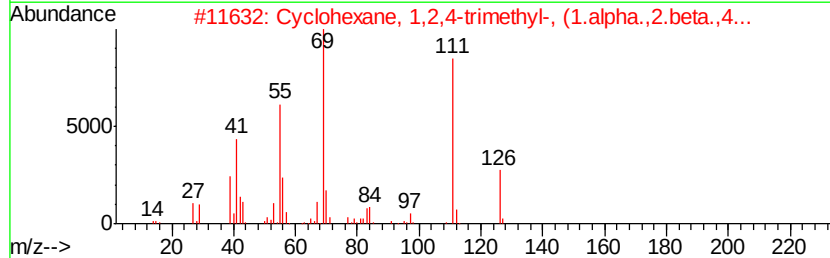
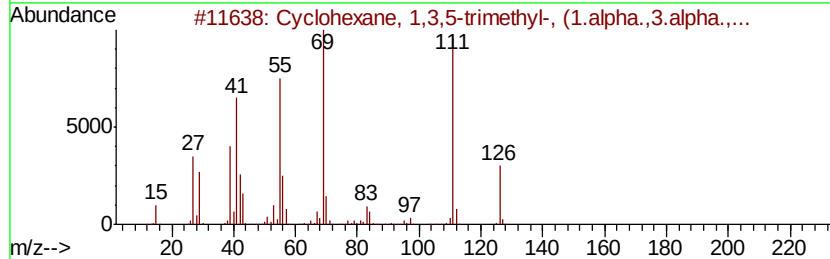
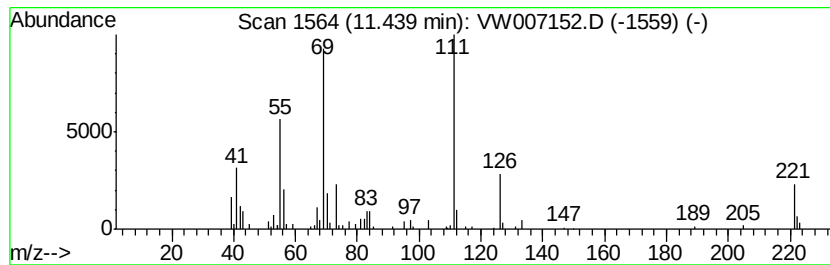
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic11.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.44	3.75 ug/L	56386	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
2		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
4		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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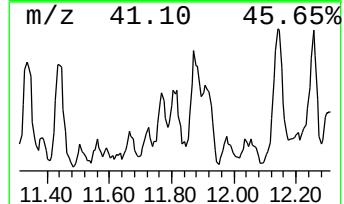
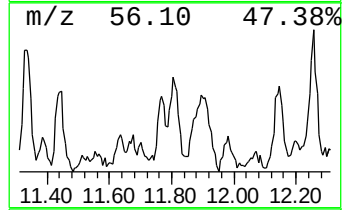
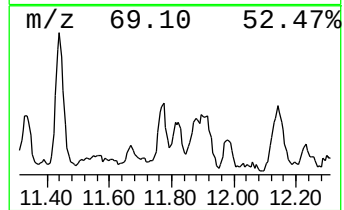
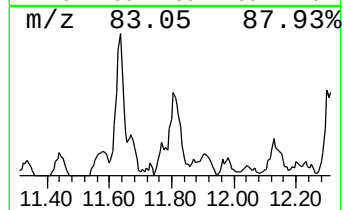
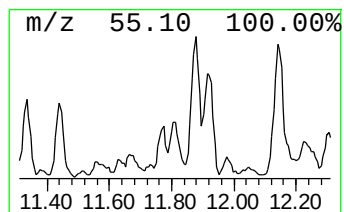
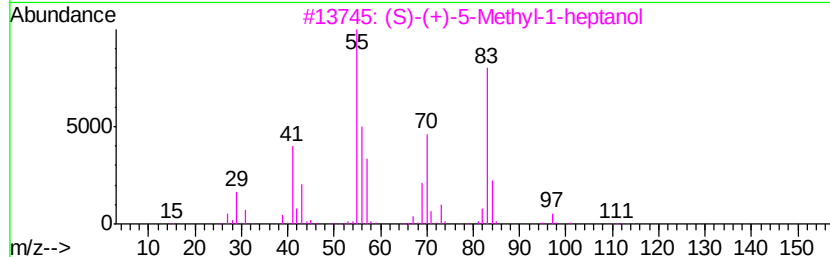
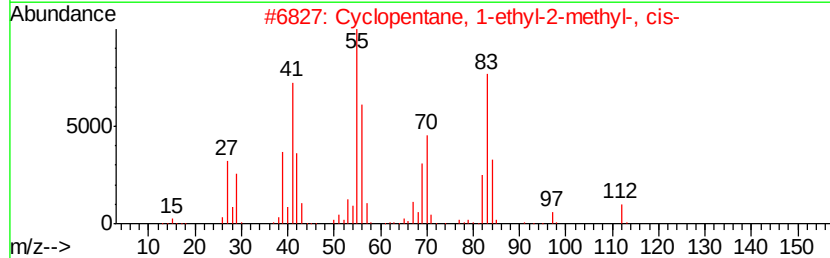
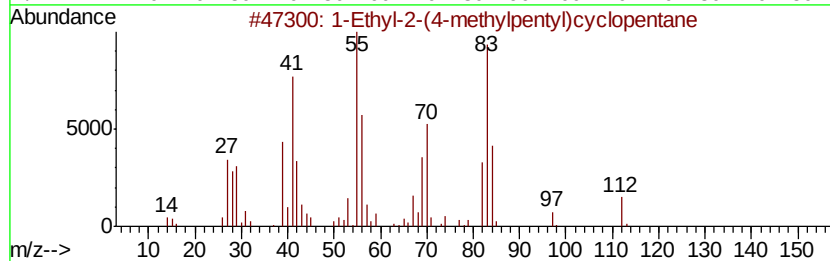
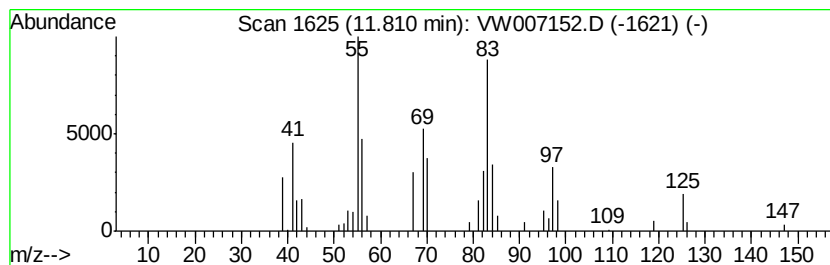
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic11.81 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	1.62 ug/L	24328	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	59
2			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53
3			(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	50
4			Cyclotetradecane	196	C14H28	000295-17-0	47
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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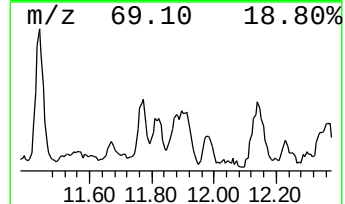
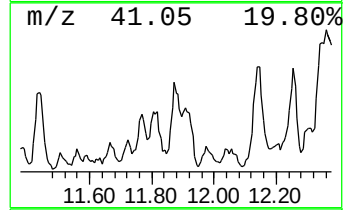
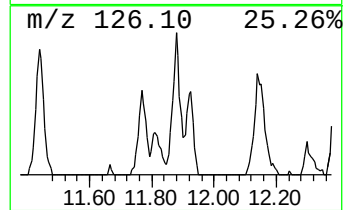
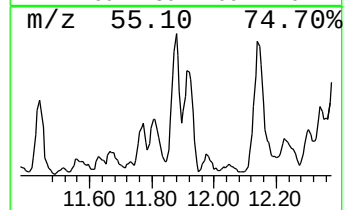
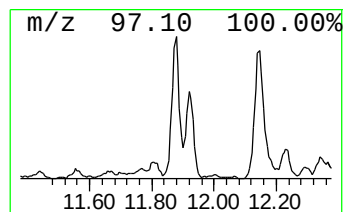
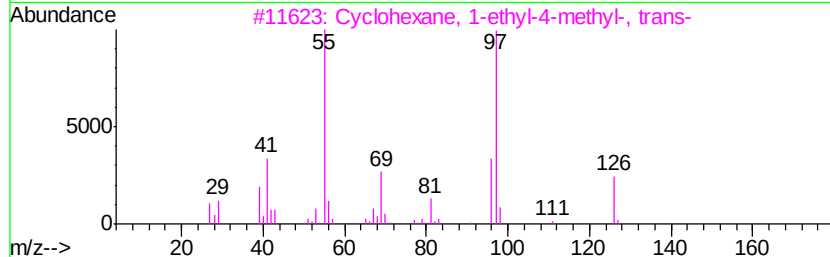
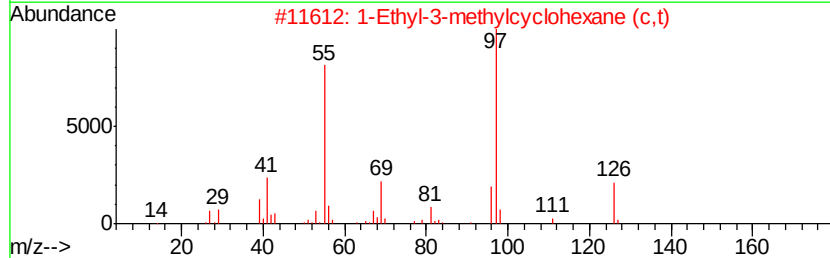
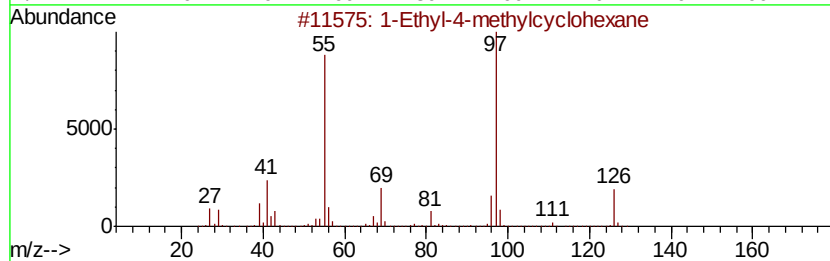
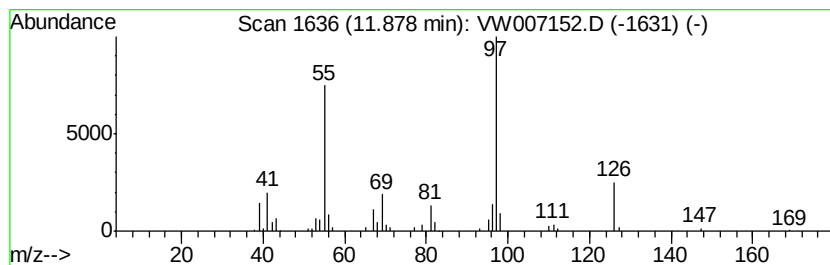
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic11.88 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.43 ug/L	51539	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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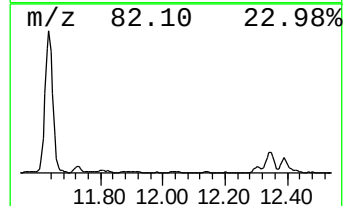
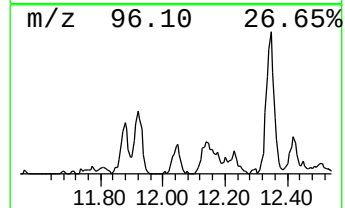
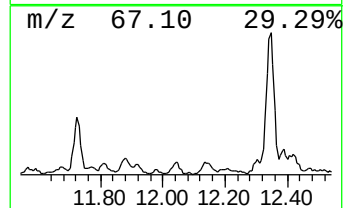
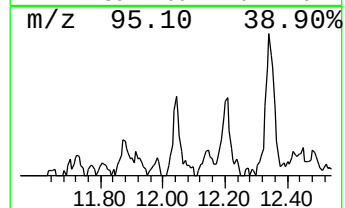
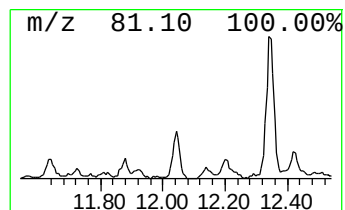
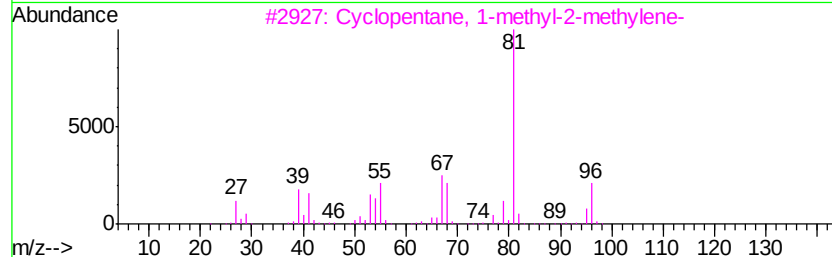
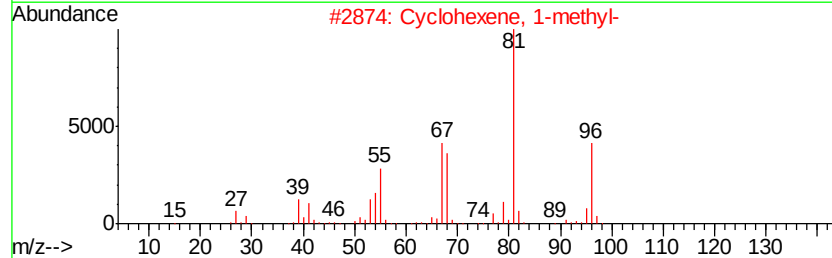
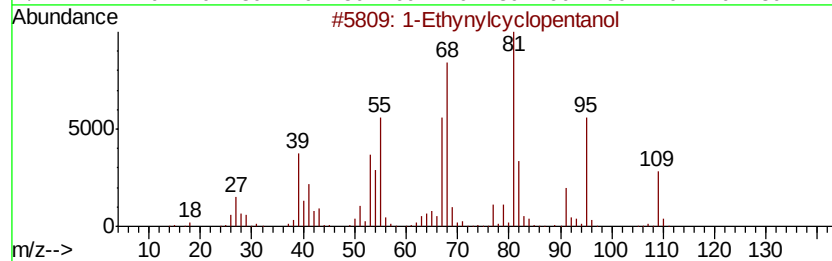
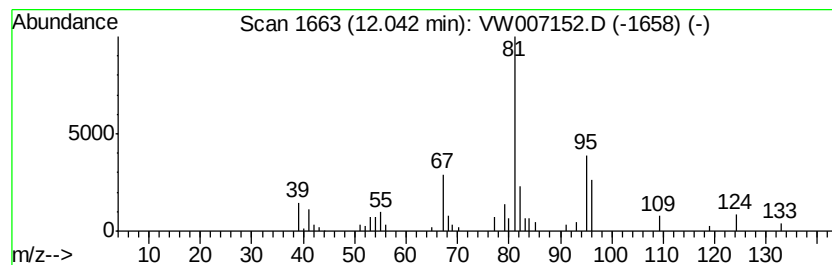
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Quant Title : VOC Analysis

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

Peak Number 16 1-Ethynylcyclopentanol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.41 ug/L	21265	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	50
2			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
3			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	47
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	47
5			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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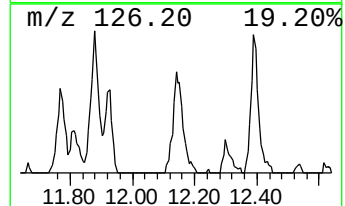
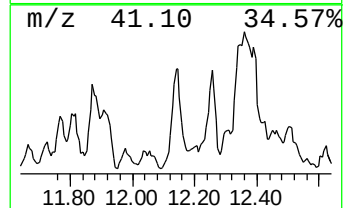
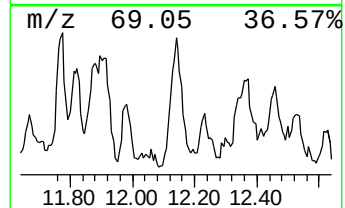
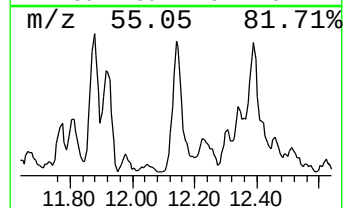
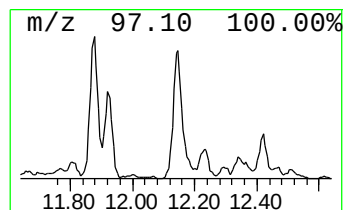
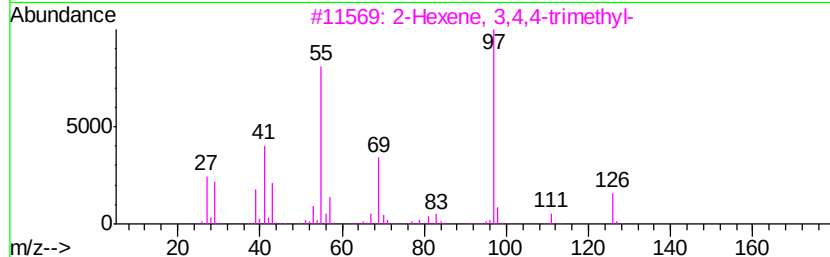
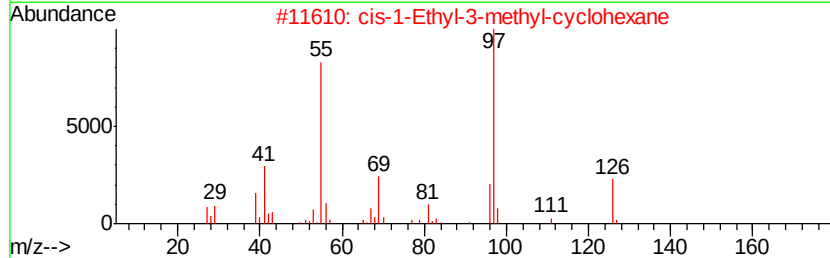
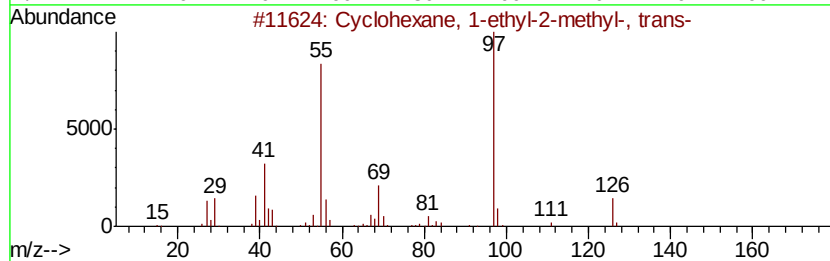
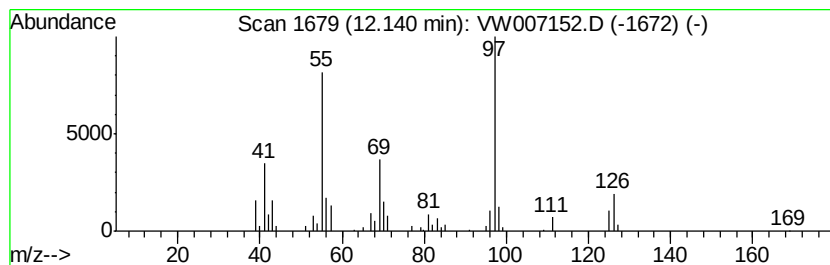
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic12.44 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.37 ug/L	80768	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	76
3		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	74
4		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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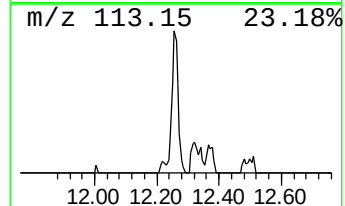
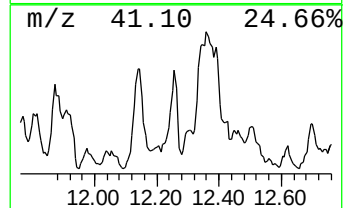
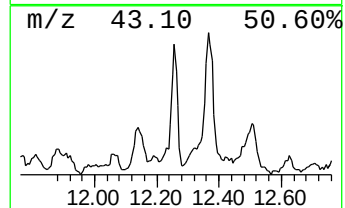
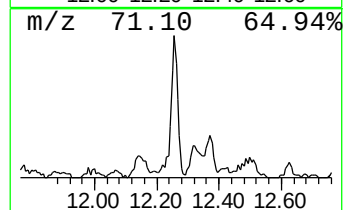
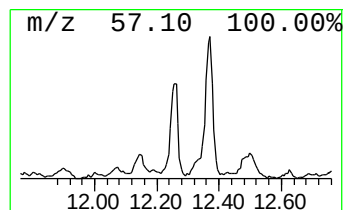
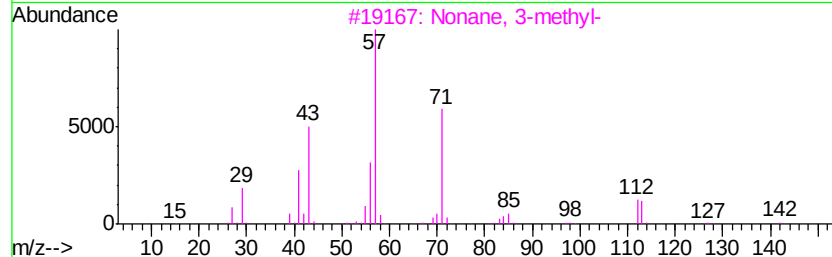
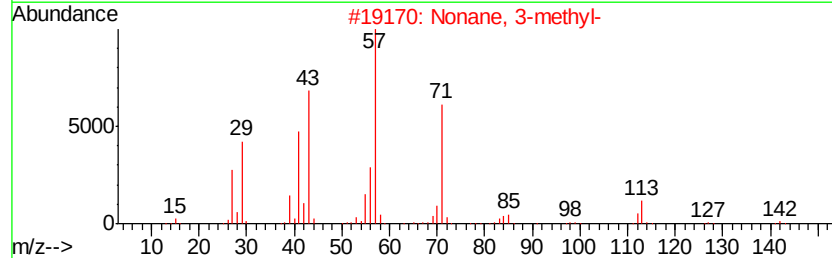
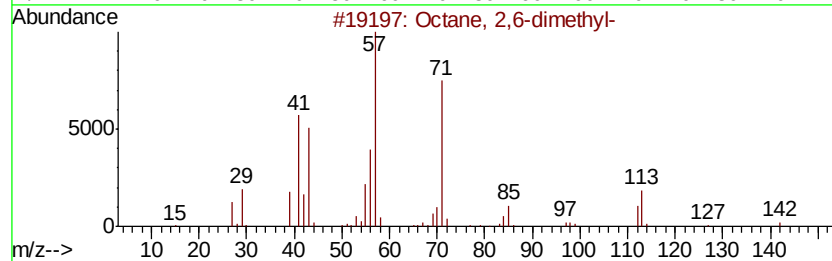
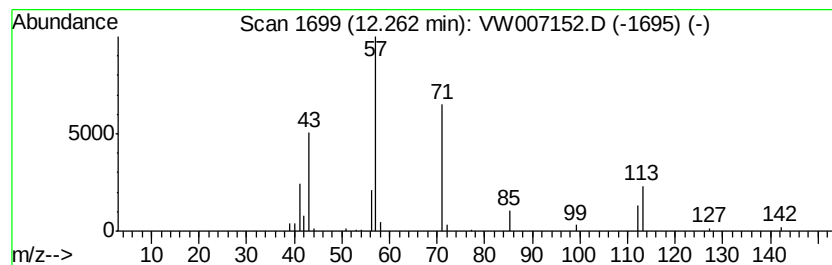
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	1.90 ug/L	28626	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	80
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

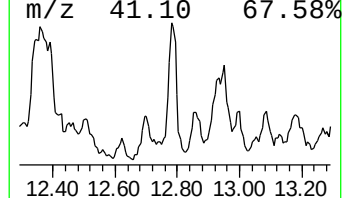
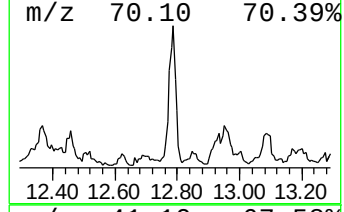
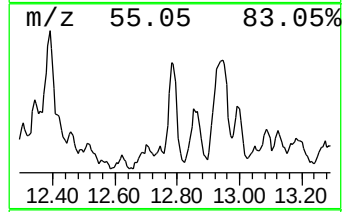
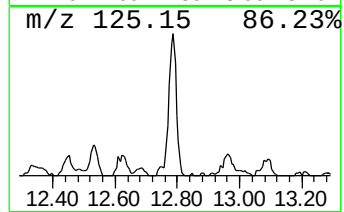
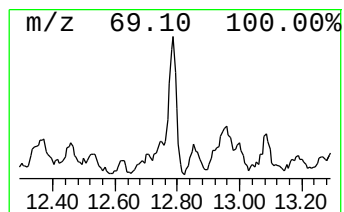
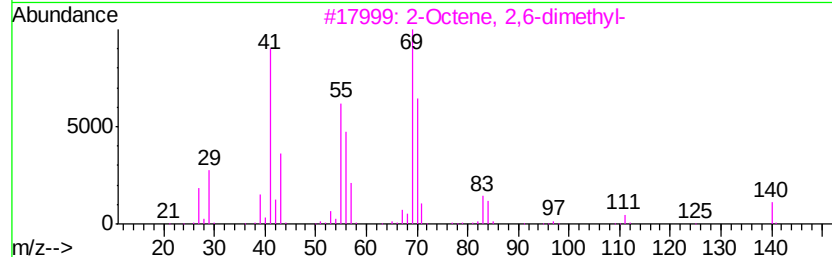
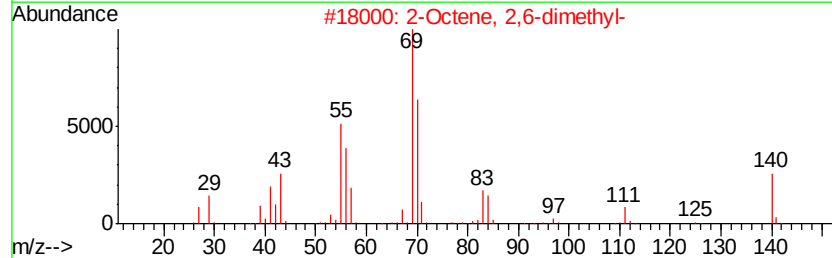
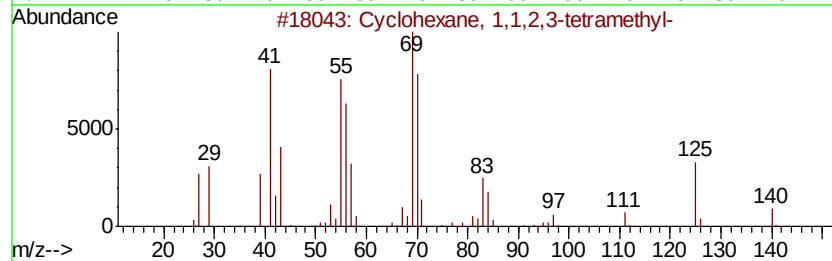
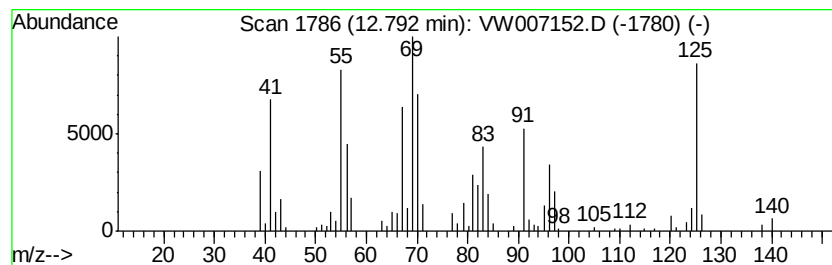
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic12.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.05 ug/L	93891	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	45
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
4		Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	35
5		Octane, 3-chloro-	148	C8H17Cl	001117-79-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

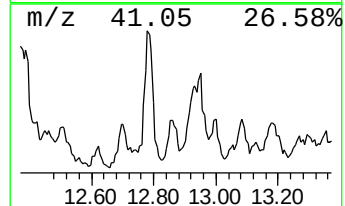
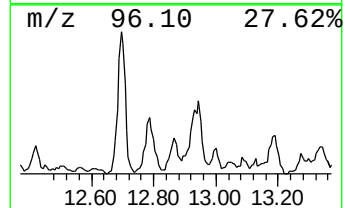
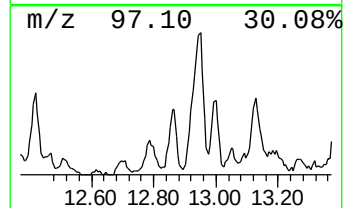
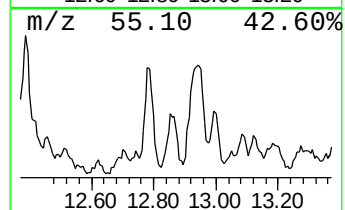
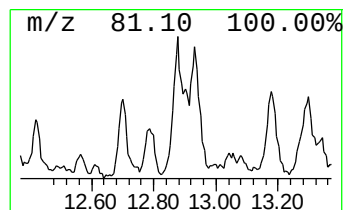
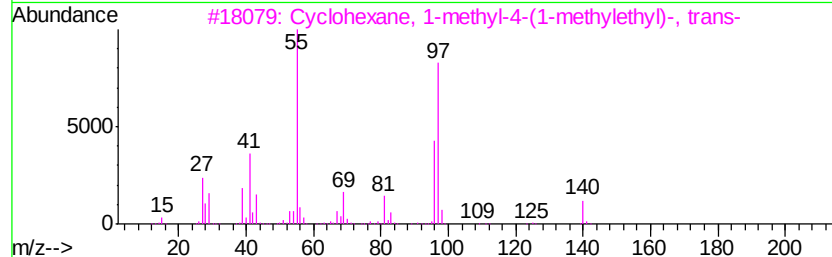
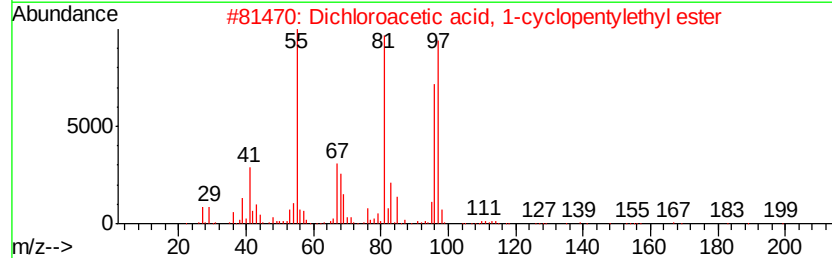
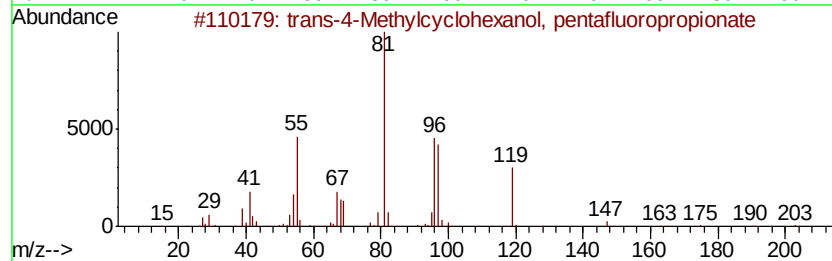
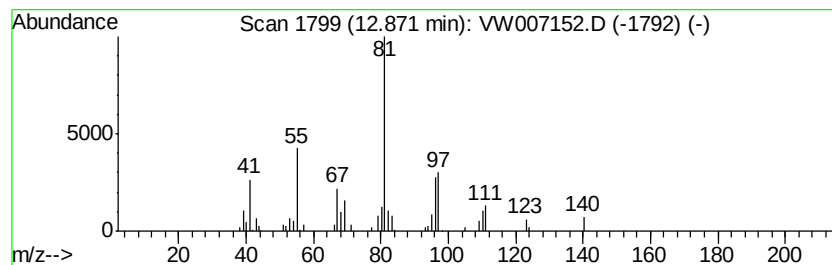
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.89 ug/L	29263	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-9	47		
2	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	47		
3	Cyclohexane, 1-methyl-4-(1-methv...	140	C10H20	001678-82-6	46		
4	Cyclohexane, 1-methyl-4-(1-methv...	140	C10H20	001678-82-6	46		
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46		



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

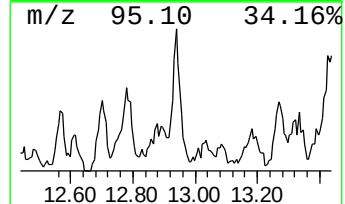
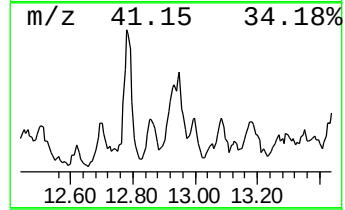
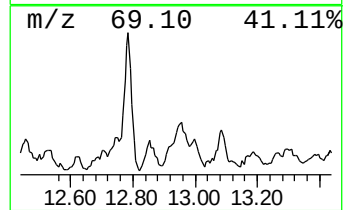
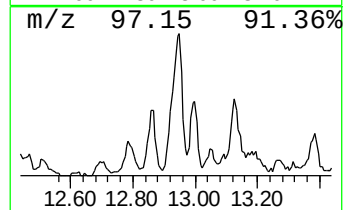
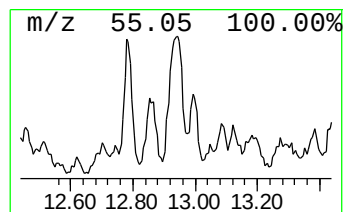
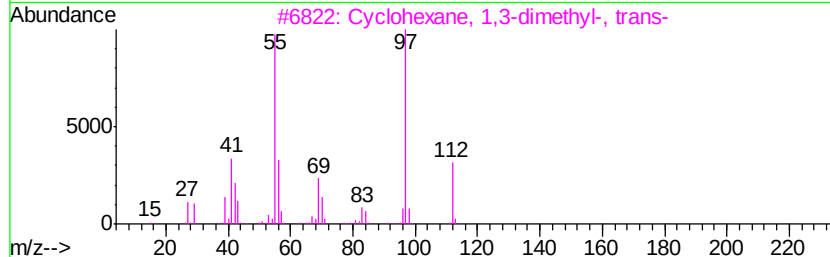
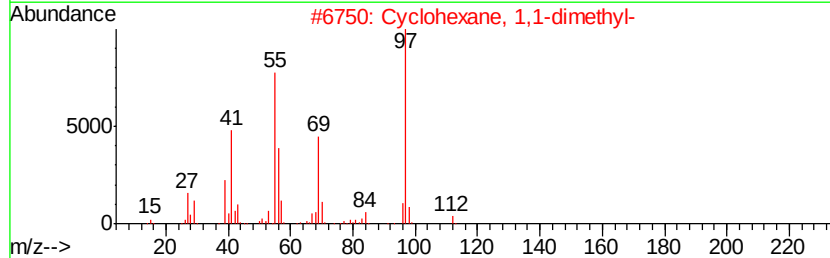
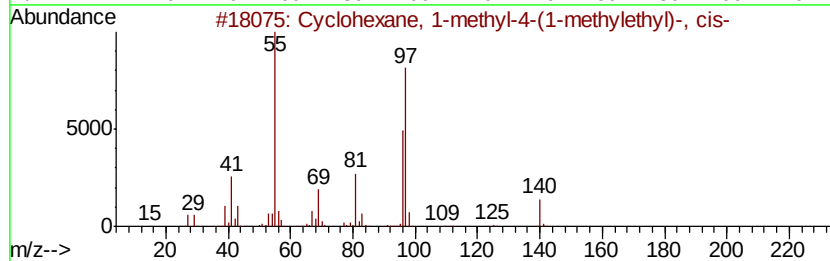
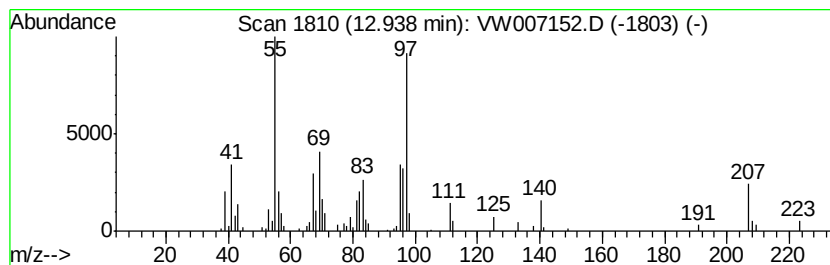
Instrument :
MSVOA_W
ClientSampleId :
F9Y35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic12.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.94	4.82 ug/L	74788	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	006069-98-3	52
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
5	2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	100463-01-2	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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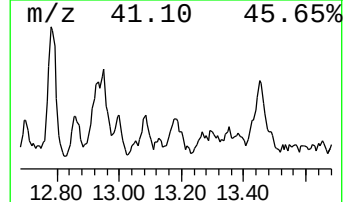
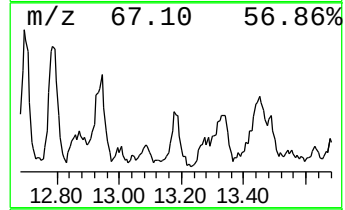
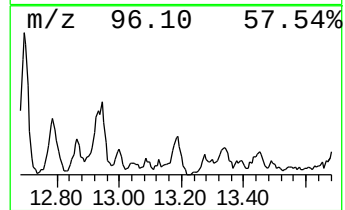
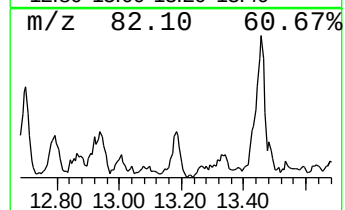
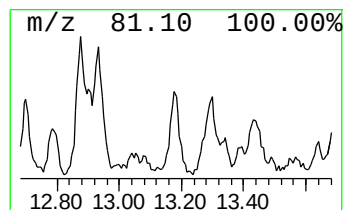
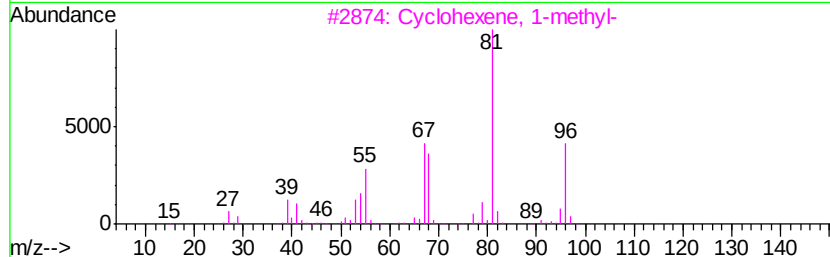
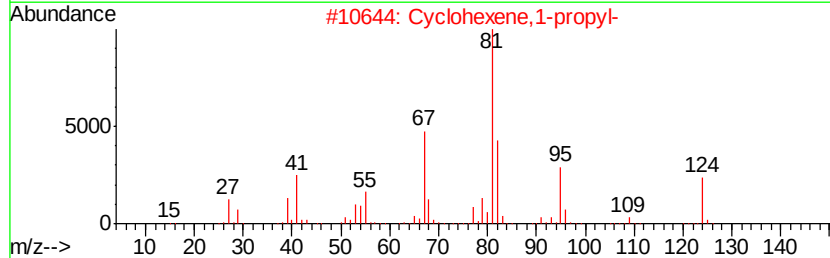
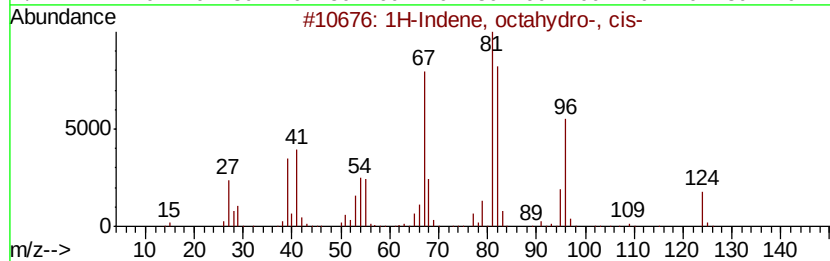
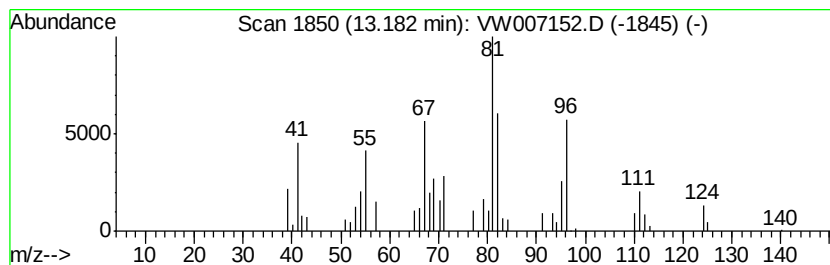
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Quant Title : VOC Analysis

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

Peak Number 24 1H-Indene, octahydro-, cis- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.37 ug/L	36768	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	76
2		Cyclohexene,1-propyl-	124	C9H16	002539-75-5	58
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	53
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
5		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

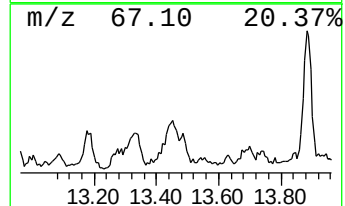
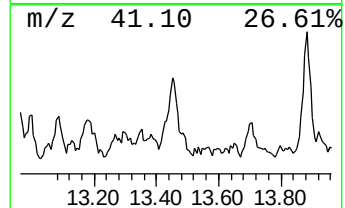
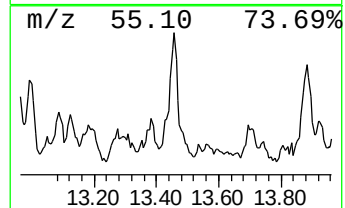
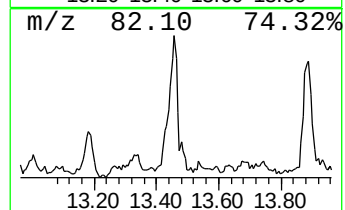
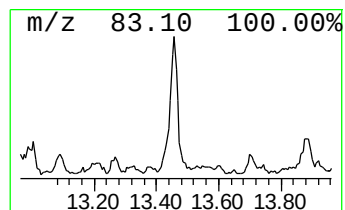
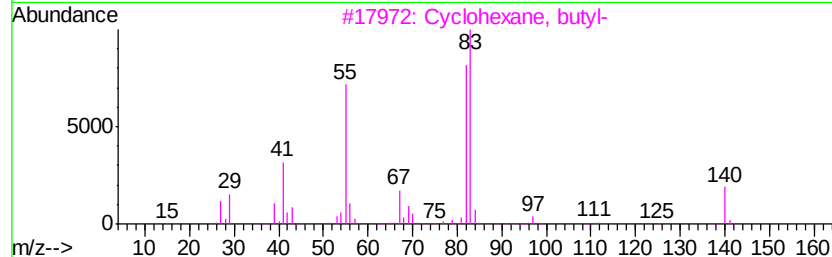
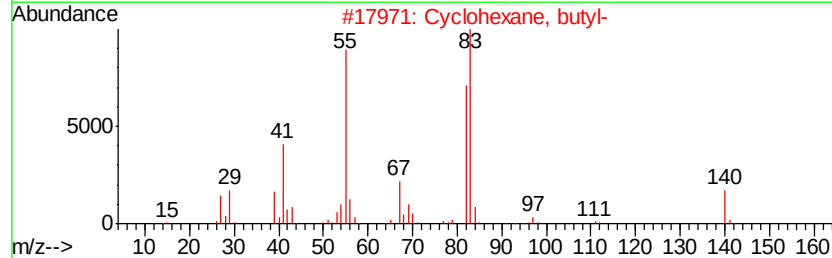
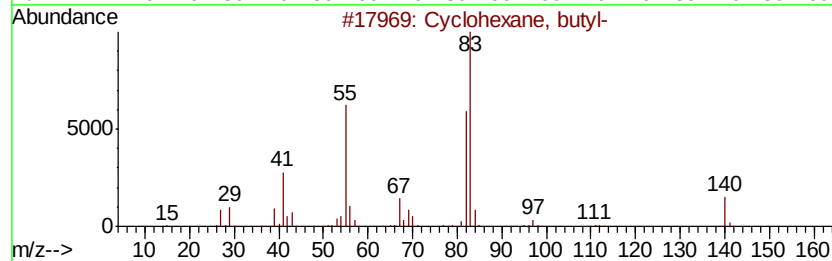
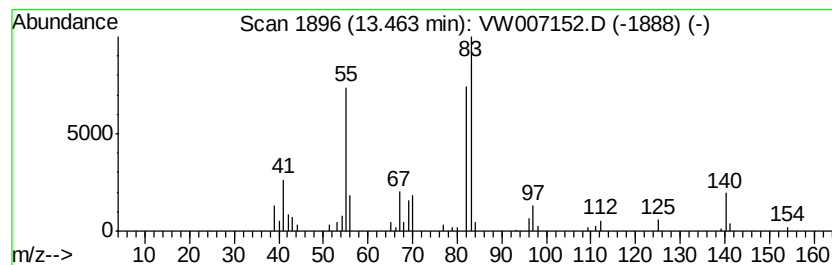
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic13.46 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.58 ug/L	39958	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 87
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 81
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 81
4		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 74
5		Cyclohexane, pentyl-	154 C11H22	004292-92-6 74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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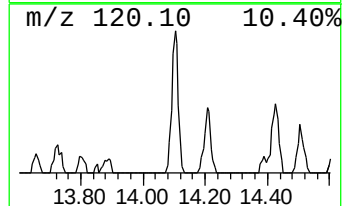
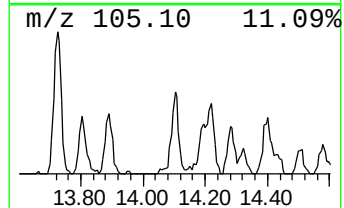
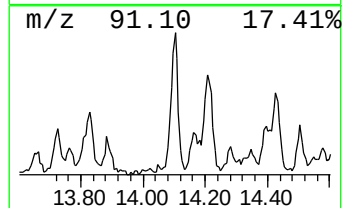
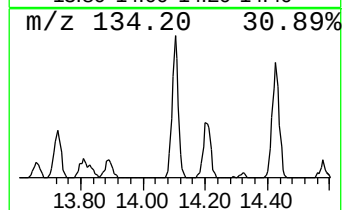
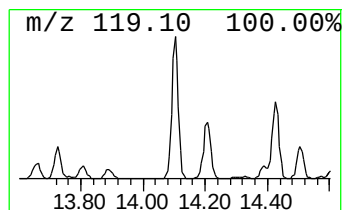
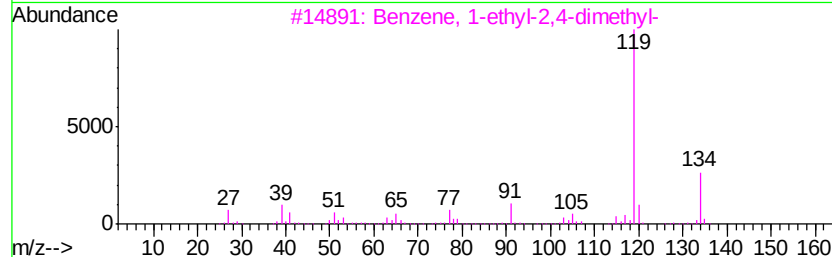
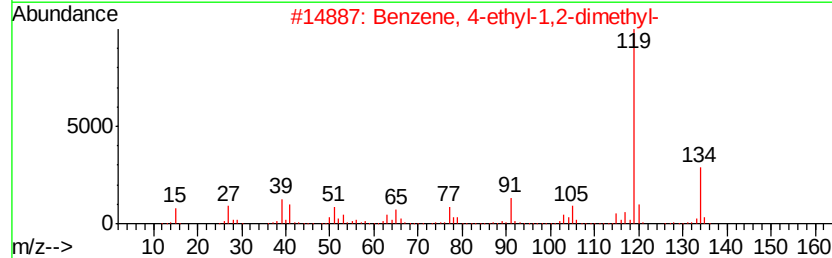
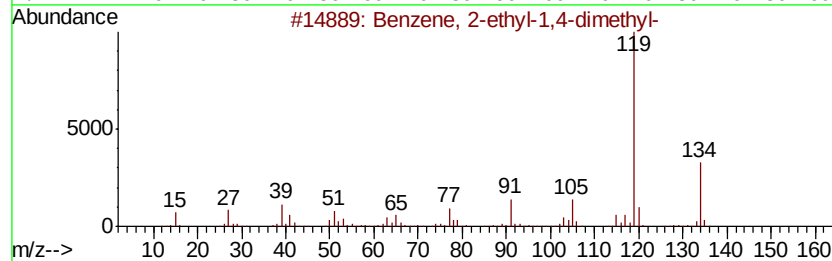
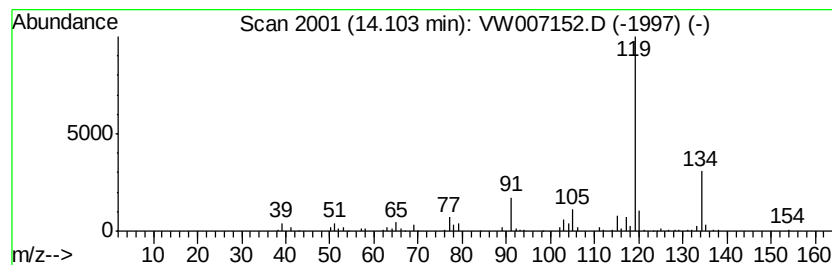
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.37 ug/L	67739	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

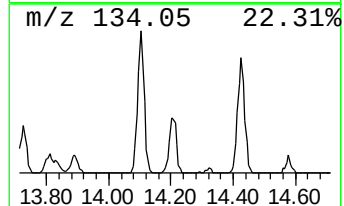
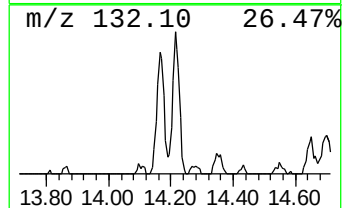
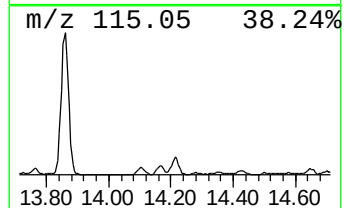
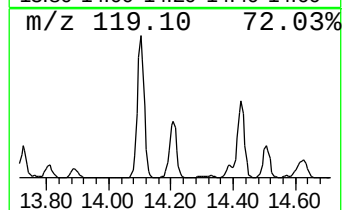
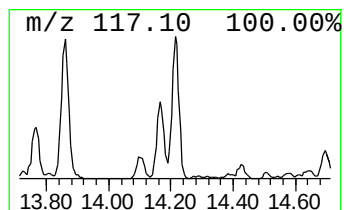
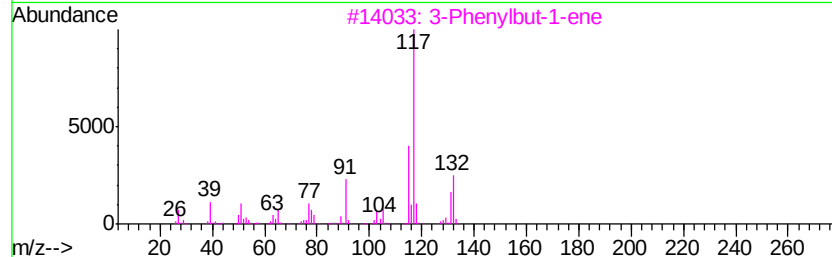
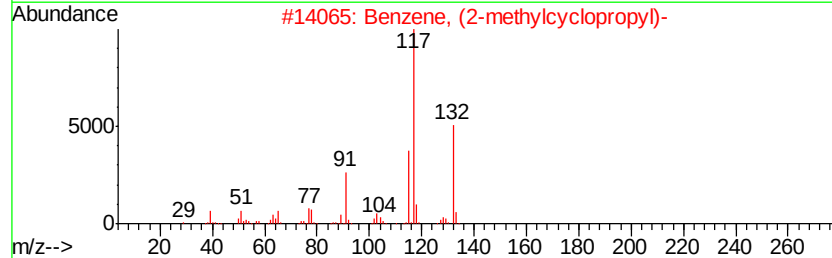
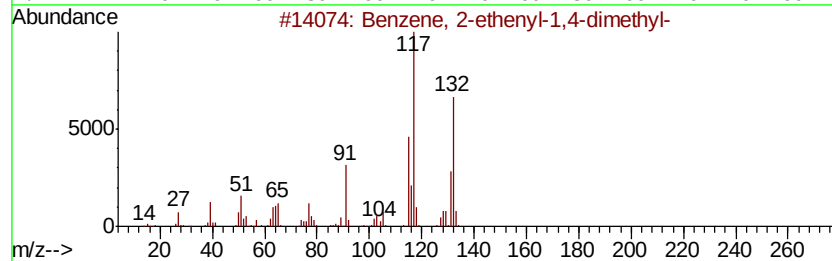
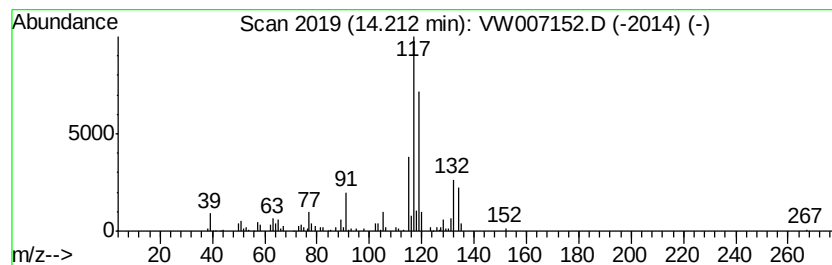
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.56 ug/L	70734	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53
2			Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	53
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	49
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	46
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

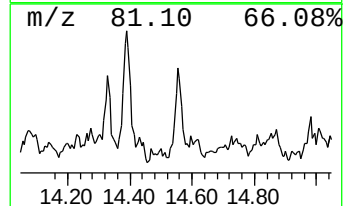
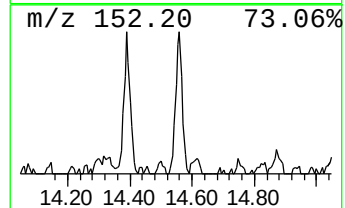
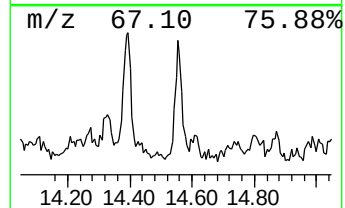
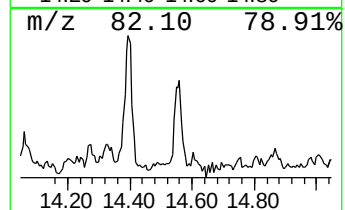
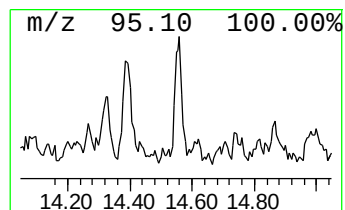
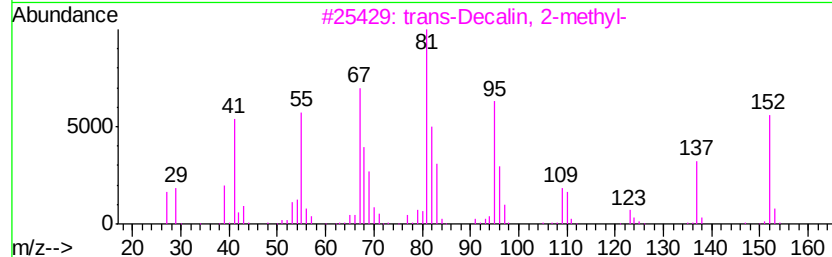
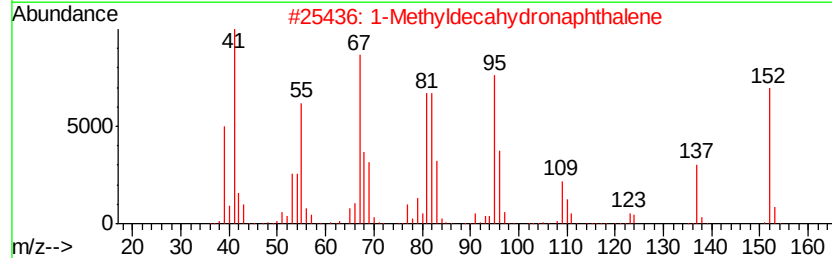
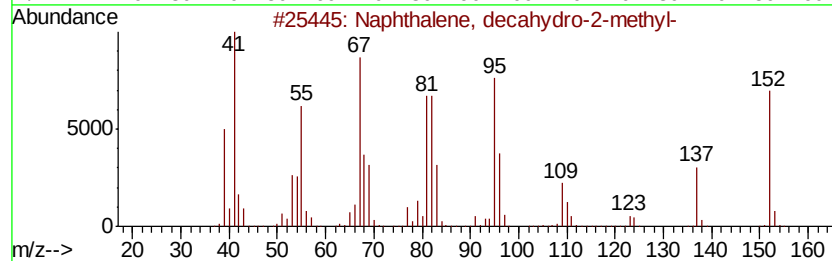
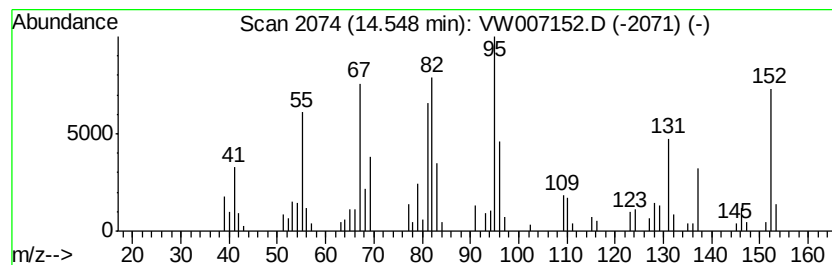
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Quant Title : VOC Analysis

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

Peak Number 29 Naphthalene, decahydro-2-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.50 ug/L	38718	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F9Y35

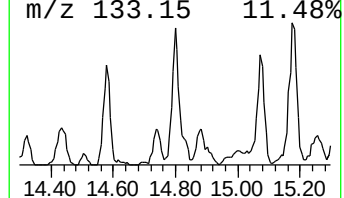
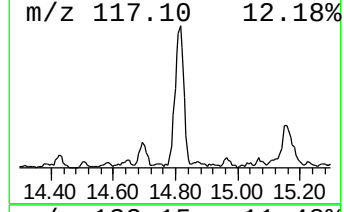
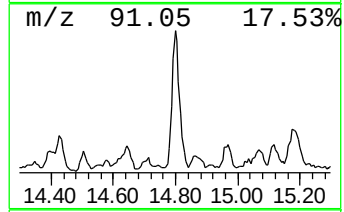
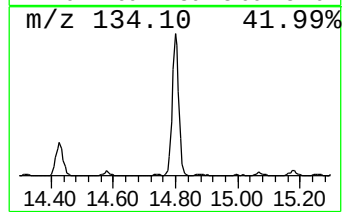
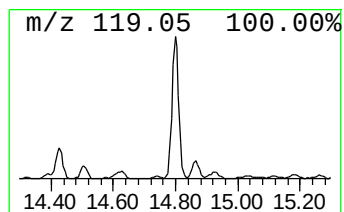
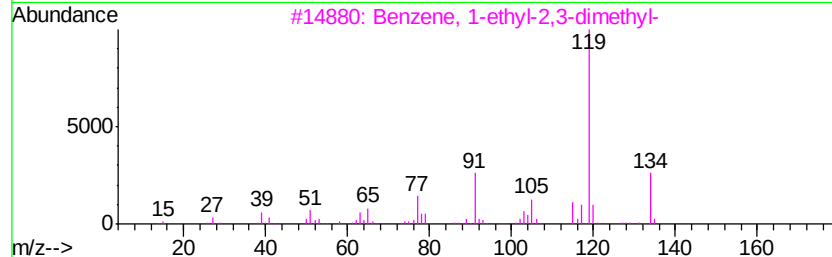
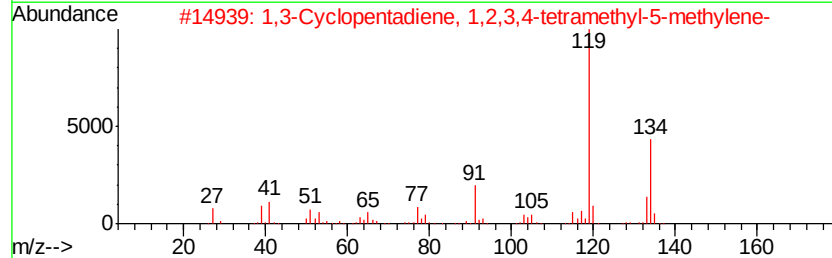
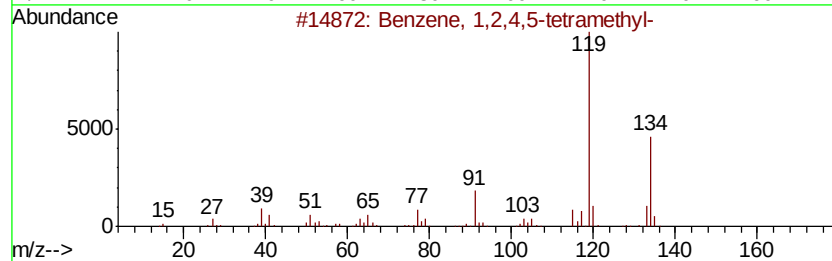
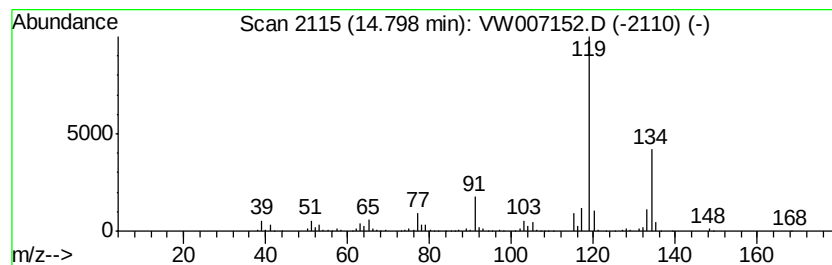
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	13.42 ug/L	208126	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

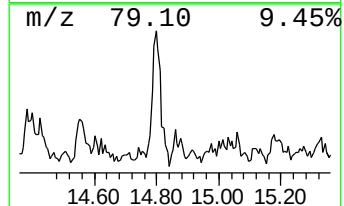
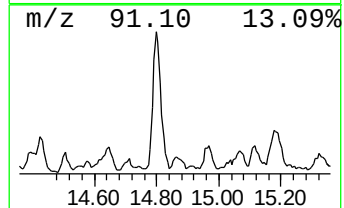
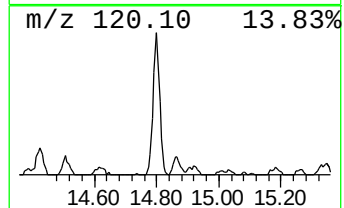
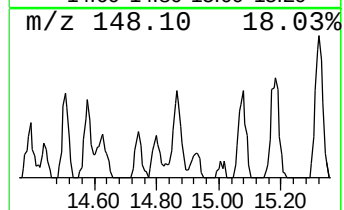
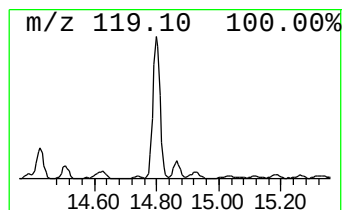
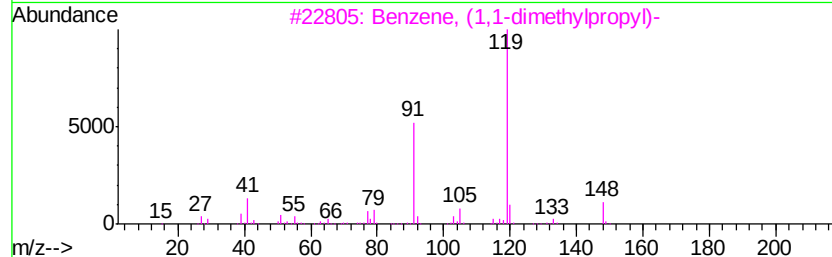
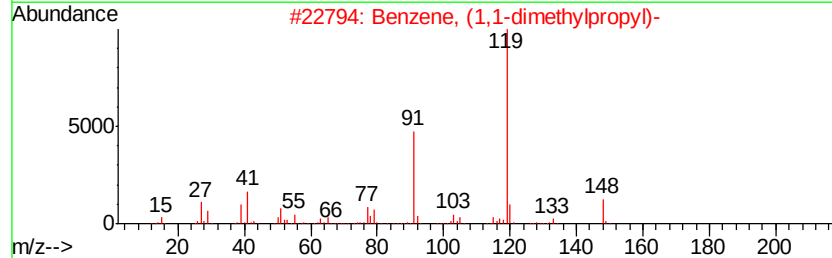
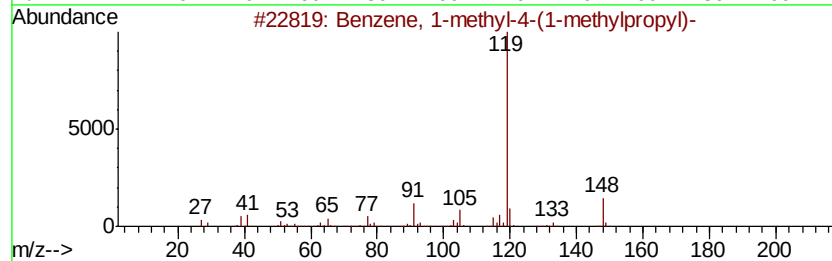
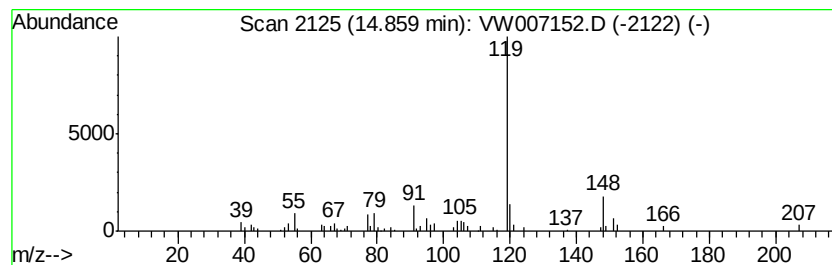
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.65 ug/L	25575	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4		p-Toluic acid, hex-4-yn-3-yl ester	216	C14H16O2	1000292-50-4	59
5		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

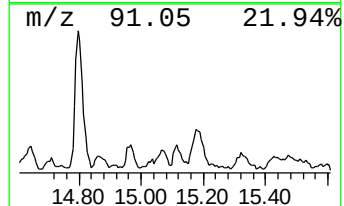
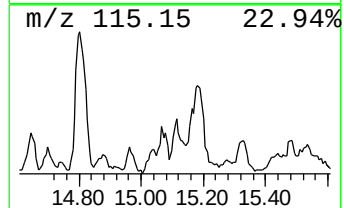
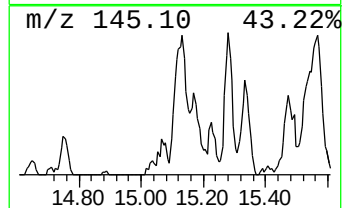
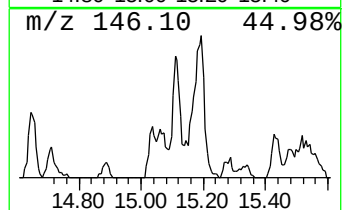
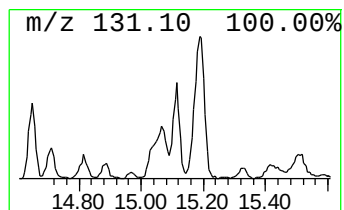
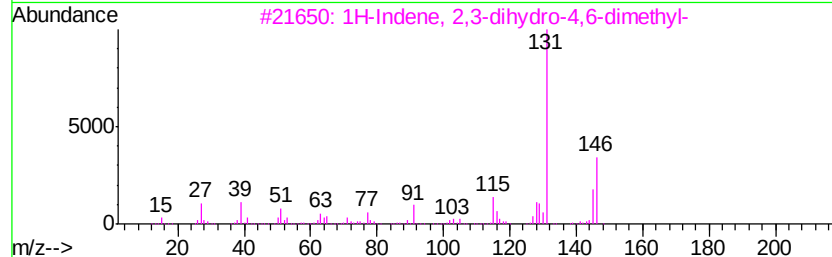
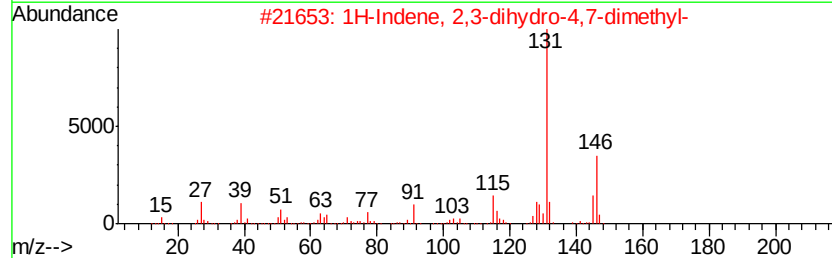
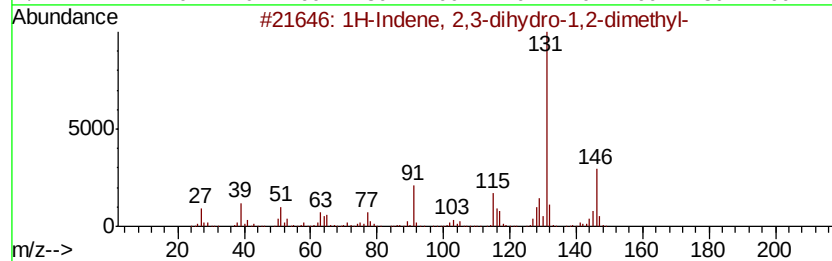
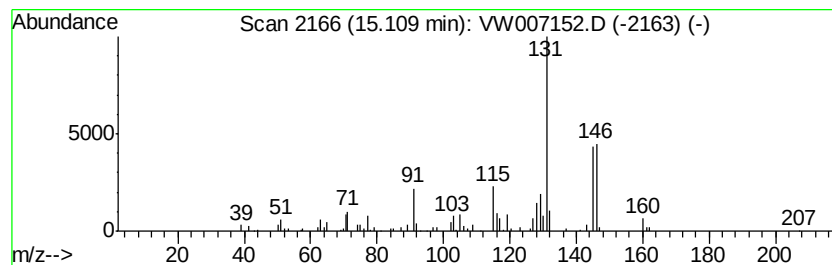
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Quant Title : VOC Analysis

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

Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.20 ug/L	34151	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	72
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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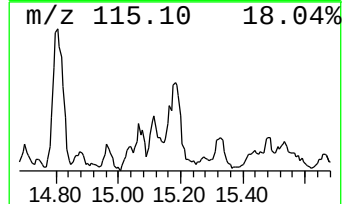
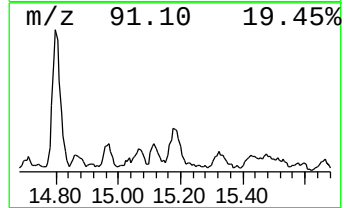
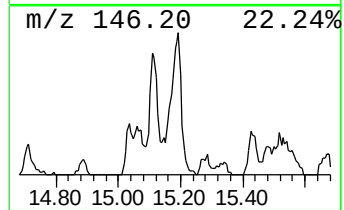
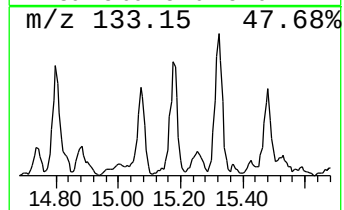
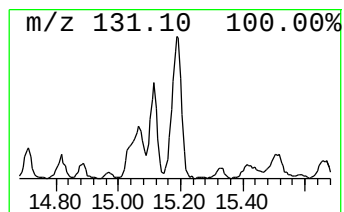
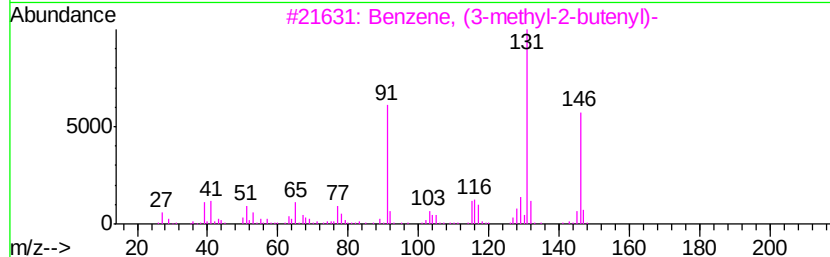
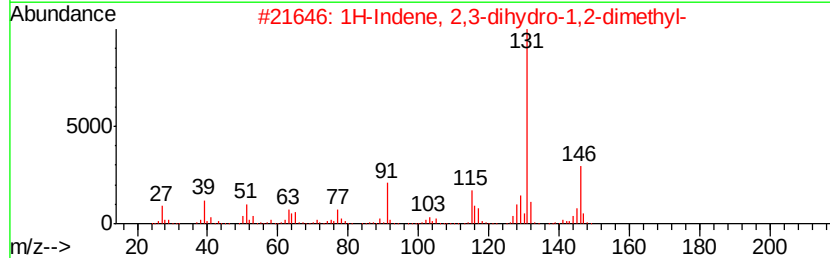
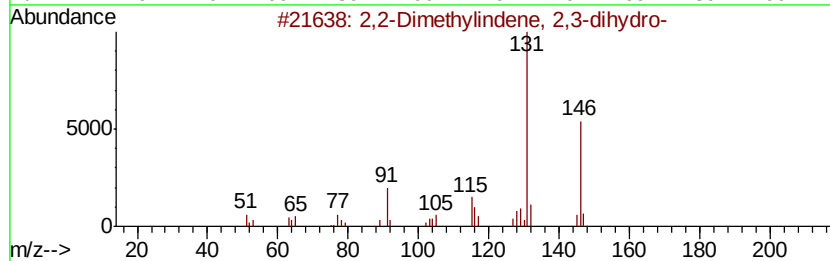
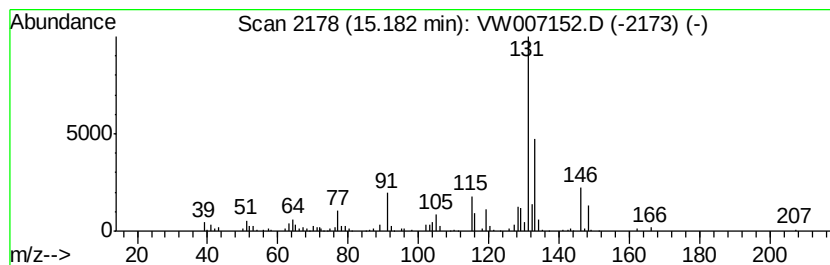
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Quant Title : VOC Analysis

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

Peak Number 33 2,2-Dimethylindene, 2,3-dih... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.08 ug/L	78876	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
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Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

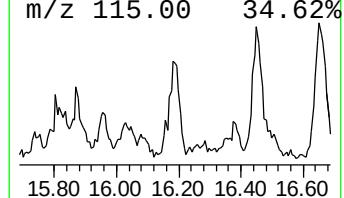
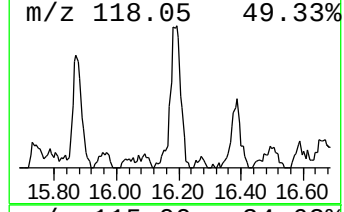
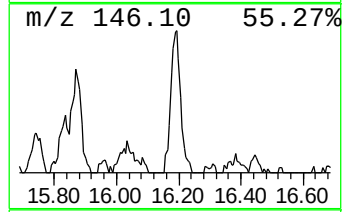
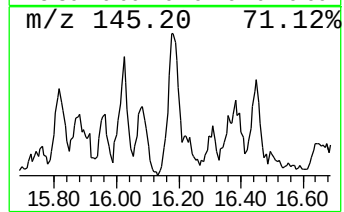
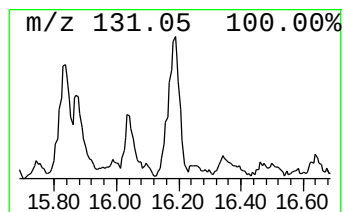
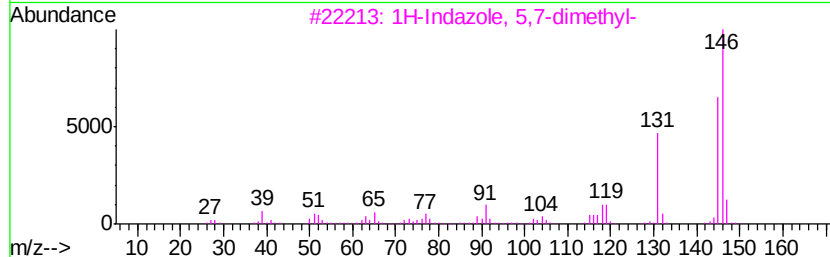
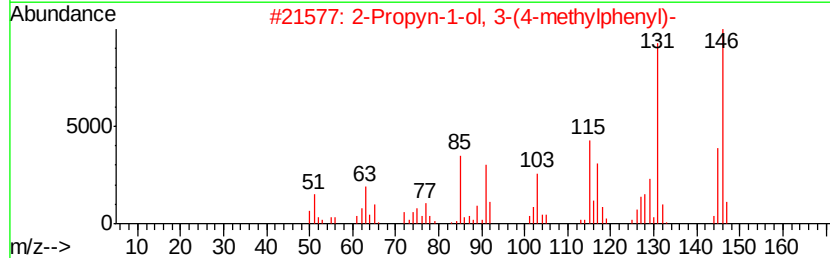
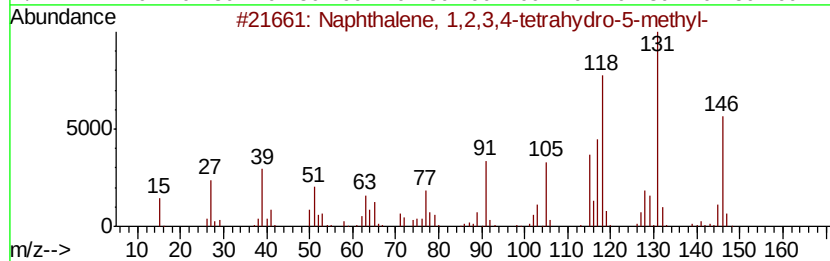
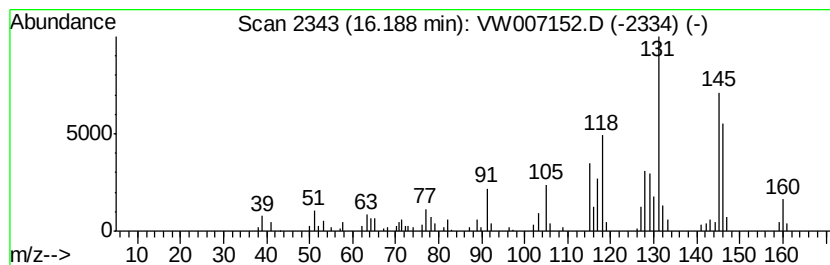
Instrument :
MSVOA_W
ClientSampleId :
F9Y35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.19	4.07 ug/L	63114	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	62
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007152.D
Acq On : 30 Nov 2018 19:49
Operator : SY/AP
Sample : J6077-01
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y35

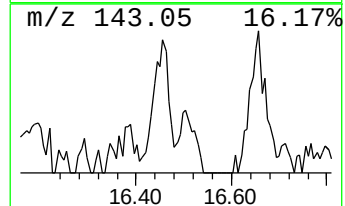
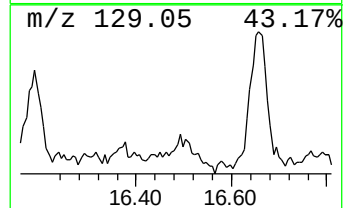
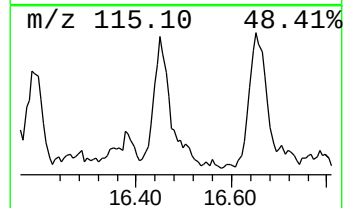
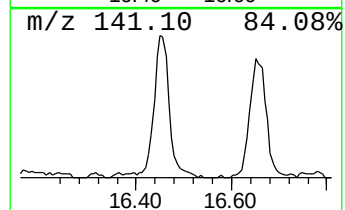
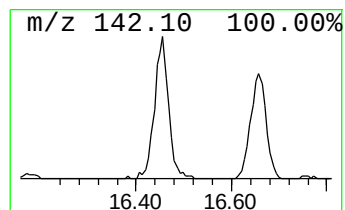
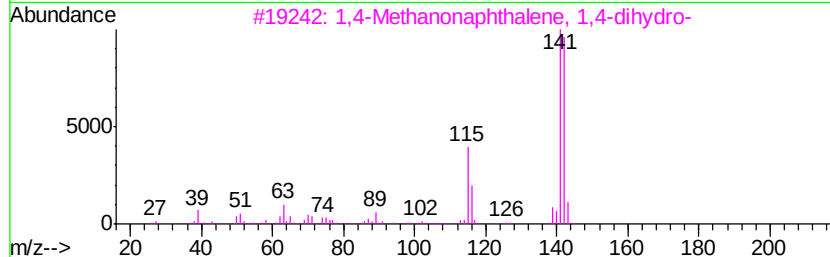
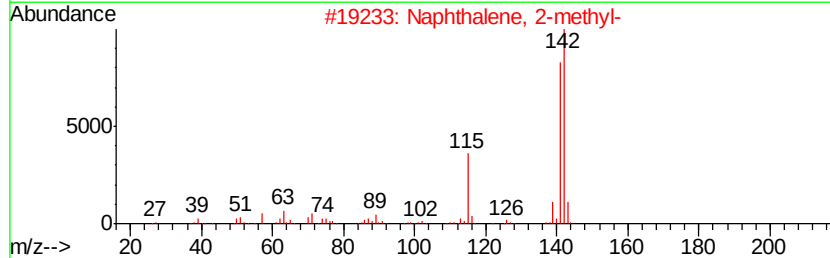
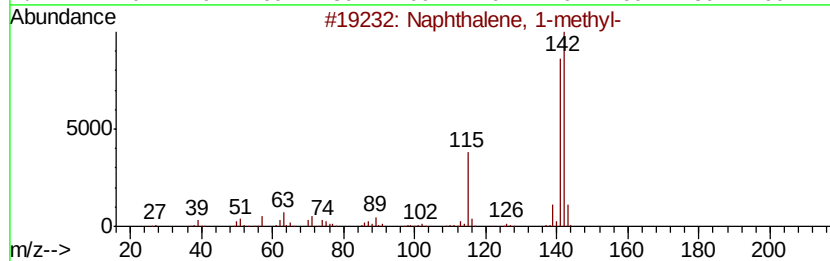
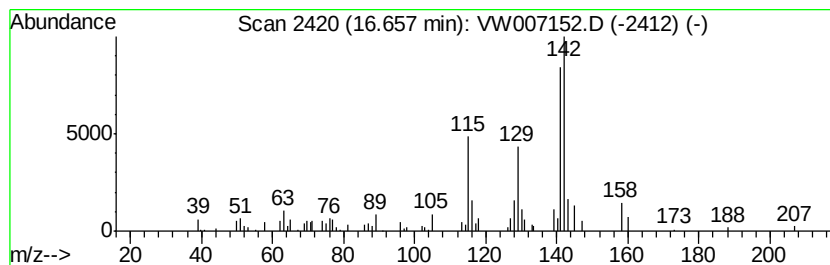
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Quant Title : VOC Analysis

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

Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.15 ug/L	48802	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	92
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
5		Benzocycloheptatriene	142	C11H10	000264-09-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW113018\
 Data File : VW007152.D
 Acq On : 30 Nov 2018 19:49
 Operator : SY/AP
 Sample : J6077-01
 Misc : 6.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y35

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name					--Internal Standard--			
RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Cyc...	8.44	1.5 ug/L	17159	1	8.85	291890	25.0	
(DEL) Alkane: Cyc...	8.58	2.1 ug/L	24703	1	8.85	291890	25.0	
(DEL) Alkane: Cyc...	9.61	3.0 ug/L	34689	1	8.85	291890	25.0	
(DEL) Alkane: Cyc...	9.76	3.3 ug/L	38892	1	8.85	291890	25.0	
(DEL) Alkane: Cyc...	10.51	3.2 ug/L	47728	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	10.66	3.2 ug/L	47464	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	10.76	1.7 ug/L	26211	2	11.63	375939	25.0	
unknown-01	11.07	1.4 ug/L	20341	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	11.18	3.2 ug/L	48051	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	11.23	8.1 ug/L	121714	2	11.63	375939	25.0	
unknown-02	11.34	2.7 ug/L	40319	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	11.44	3.8 ug/L	56386	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	11.81	1.6 ug/L	24328	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	11.88	3.4 ug/L	51539	2	11.63	375939	25.0	
1-Ethynylcyclop...	12.04	1.4 ug/L	21265	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	12.14	5.4 ug/L	80768	2	11.63	375939	25.0	
(DEL) Alkane: Str...	12.26	1.9 ug/L	28626	2	11.63	375939	25.0	
(DEL) Alkane: Cyc...	12.79	6.0 ug/L	93891	3	13.56	387792	25.0	
unknown-03	12.87	1.9 ug/L	29263	3	13.56	387792	25.0	
(DEL) Alkane: Cyc...	12.94	4.8 ug/L	74788	3	13.56	387792	25.0	
1H-Indene, octahy...	13.18	2.4 ug/L	36768	3	13.56	387792	25.0	
(DEL) Alkane: Cyc...	13.46	2.6 ug/L	39958	3	13.56	387792	25.0	
Benzene, 2-ethyl-...	14.10	4.4 ug/L	67739	3	13.56	387792	25.0	
Benzene, 2-etheny...	14.21	4.6 ug/L	70734	3	13.56	387792	25.0	
Naphthalene, deca...	14.55	2.5 ug/L	38718	3	13.56	387792	25.0	
Benzene, 1,2,4,5-...	14.80	13.4 ug/L	208126	3	13.56	387792	25.0	
Benzene, 1-methyl...	14.86	1.6 ug/L	25575	3	13.56	387792	25.0	
1H-Indene, 2,3-di...	15.11	2.2 ug/L	34151	3	13.56	387792	25.0	
2,2-Dimethylinden...	15.18	5.1 ug/L	78876	3	13.56	387792	25.0	
Naphthalene, 1,2,...	16.19	4.1 ug/L	63114	3	13.56	387792	25.0	
Naphthalene, 1-me...	16.66	3.1 ug/L	48802	3	13.56	387792	25.0	