

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010065.D
 Acq On : 19 Apr 2019 14:21
 Operator : SY/VA
 Sample : K2455-15
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR5

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\SOM2WLM041519S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	9	15	28	rVB	59364	156519	0.23%	0.025%
2	2.160	36	42	49	rBV6	12588	29833	0.04%	0.005%
3	2.355	67	74	87	rBV	87918	251014	0.37%	0.040%
4	2.806	143	148	154	rBV2	15803	33103	0.05%	0.005%
5	2.885	154	161	174	rVB	94368	267326	0.40%	0.043%
6	4.007	331	345	357	rBV	249371	879790	1.31%	0.141%
7	4.117	357	363	376	rVB	57759	161064	0.24%	0.026%
8	4.385	395	407	420	rVV3	14234	56811	0.08%	0.009%
9	4.903	481	492	515	rBV3	48907	221511	0.33%	0.035%
10	5.928	649	660	668	rBV2	17518	48118	0.07%	0.008%
11	7.080	838	849	858	rBV	83110	231133	0.34%	0.037%
12	7.171	858	864	873	rVV2	23590	64593	0.10%	0.010%
13	7.641	931	941	956	rBV	446734	1127016	1.68%	0.180%
14	8.269	1030	1044	1062	rBV2	858130	2609521	3.89%	0.417%
15	8.842	1128	1138	1150	rBV	866670	1706583	2.54%	0.273%
16	9.274	1198	1209	1216	rBV	603192	1237378	1.84%	0.198%
17	9.329	1216	1218	1226	rVB4	18891	33693	0.05%	0.005%
18	9.902	1307	1312	1317	rVB6	13153	24921	0.04%	0.004%
19	10.030	1326	1333	1342	rBV	304189	540984	0.81%	0.086%
20	10.201	1355	1361	1366	rBV2	26658	49877	0.07%	0.008%
21	10.323	1373	1381	1388	rVV	1168146	2046554	3.05%	0.327%
22	10.384	1388	1391	1398	rVB	24674	44534	0.07%	0.007%
23	10.512	1404	1412	1416	rBV8	20501	52518	0.08%	0.008%
24	10.579	1416	1423	1432	rVV	198100	346772	0.52%	0.055%
25	10.664	1432	1437	1441	rBV3	26109	41596	0.06%	0.007%
26	10.750	1446	1451	1462	rVB5	31656	87580	0.13%	0.014%
27	10.927	1473	1480	1488	rBV	349300	609358	0.91%	0.097%
28	11.018	1489	1495	1497	rBV2	22712	36420	0.05%	0.006%
29	11.055	1497	1501	1505	rBV2	55230	87168	0.13%	0.014%
30	11.097	1505	1508	1512	rVB3	24052	34621	0.05%	0.006%
31	11.177	1518	1521	1525	rVB2	46956	68569	0.10%	0.011%
32	11.231	1525	1530	1534	rVB	58242	91630	0.14%	0.015%
33	11.280	1534	1538	1543	rBV4	18238	34359	0.05%	0.005%
34	11.335	1543	1547	1552	rVB4	44031	74677	0.11%	0.012%

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Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Title : VOC Analysis

35	11.439	1552	1564	1572	rBV6	79902	251877	0.38%	0.040%
36	11.512	1572	1576	1579	rBV	60343	89515	0.13%	0.014%
37	11.555	1579	1583	1588	rVB2	66357	111350	0.17%	0.018%
38	11.634	1588	1596	1602	rBV	1140938	1980568	2.95%	0.316%
39	11.731	1605	1612	1621	rBV	11560775	18167393	27.09%	2.901%
40	11.805	1621	1624	1627	rBV2	55852	82576	0.12%	0.013%
41	11.872	1633	1635	1639	rVB2	51174	63608	0.09%	0.010%
42	11.981	1648	1653	1656	rBV4	35101	68964	0.10%	0.011%
43	12.036	1656	1662	1672	rBV6	46134	114957	0.17%	0.018%
44	12.164	1672	1683	1690	rBV	1630843	3080060	4.59%	0.492%
45	12.256	1690	1698	1702	rVB	318889	535412	0.80%	0.086%
46	12.341	1702	1712	1714	rBV3	241115	507559	0.76%	0.081%
47	12.463	1727	1732	1737	rBV	1501035	2399295	3.58%	0.383%
48	12.542	1741	1745	1748	rVB3	170753	245317	0.37%	0.039%
49	12.615	1754	1757	1759	rBV3	51072	71694	0.11%	0.011%
50	12.652	1759	1763	1766	rBV	231257	316796	0.47%	0.051%
51	12.695	1766	1770	1776	rVB2	526098	816446	1.22%	0.130%
52	12.804	1780	1788	1794	rBV	2216581	3914693	5.84%	0.625%
53	12.871	1794	1799	1800	rBV3	271192	425832	0.63%	0.068%
54	12.902	1800	1804	1807	rBV	638087	977992	1.46%	0.156%
55	12.993	1816	1819	1824	rVB3	204539	302875	0.45%	0.048%
56	13.042	1824	1827	1828	rBV3	71388	84124	0.13%	0.013%
57	13.103	1829	1837	1844	rBV	9155076	16183875	24.13%	2.585%
58	13.170	1844	1848	1855	rVB2	1336709	2057537	3.07%	0.329%
59	13.255	1856	1862	1867	rBV	5311026	8556674	12.76%	1.367%
60	13.304	1867	1870	1874	rVB4	493898	678905	1.01%	0.108%
61	13.347	1874	1877	1880	rBV2	590377	944603	1.41%	0.151%
62	13.444	1888	1893	1897	rBV4	1229802	2200452	3.28%	0.351%
63	13.499	1897	1902	1908	rBV2	2356188	4287397	6.39%	0.685%
64	13.591	1908	1917	1922	rBV	13826527	22805701	34.00%	3.642%
65	13.627	1922	1923	1930	rVB2	1147534	1334139	1.99%	0.213%
66	13.725	1933	1939	1940	rBV	2947710	4093620	6.10%	0.654%
67	13.762	1940	1945	1950	rVV	32150739	50861975	75.84%	8.123%
68	13.804	1950	1952	1958	rVB2	1425838	1965160	2.93%	0.314%
69	13.883	1959	1965	1969	rBV3	2899332	4880196	7.28%	0.779%
70	13.950	1969	1976	1980	rBV3	1888708	3754038	5.60%	0.600%
71	14.018	1983	1987	1989	rBV	2050055	3106786	4.63%	0.496%

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72	14.103	1996	2001	2005	rBV	8395864	12814668	19.11%	2.047%
73	14.139	2005	2007	2013	rVB2	1818354	3202541	4.78%	0.511%
74	14.213	2013	2019	2025	rVB2	9308974	15256211	22.75%	2.437%
75	14.274	2025	2029	2035	rVB6	910117	1920517	2.86%	0.307%
76	14.347	2035	2041	2045	rBV3	6202441	12427035	18.53%	1.985%
77	14.396	2045	2049	2051	rVV3	4652773	7996703	11.92%	1.277%
78	14.426	2051	2054	2059	rVV2	5469493	10065713	15.01%	1.608%
79	14.505	2063	2067	2070	rBV2	4069153	5404416	8.06%	0.863%
80	14.554	2070	2075	2082	rVV4	3622146	8141783	12.14%	1.300%
81	14.694	2093	2098	2103	rBV2	12159405	21439207	31.97%	3.424%
82	14.743	2103	2106	2109	rVB2	2524432	3191055	4.76%	0.510%
83	14.816	2110	2118	2122	rBV2	32257015	67068663	100.00%	10.711%
84	14.963	2137	2142	2148	rVB2	10037423	17166980	25.60%	2.742%
85	15.072	2155	2160	2164	rBV2	10285870	16409707	24.47%	2.621%
86	15.115	2164	2167	2171	rVB	4085736	5538781	8.26%	0.885%
87	15.188	2172	2179	2186	rBV2	16381500	35795174	53.37%	5.717%
88	15.334	2198	2203	2211	rVB2	12509885	21006383	31.32%	3.355%
89	15.481	2221	2227	2231	rBV3	6623312	13518341	20.16%	2.159%
90	15.529	2231	2235	2240	rVB	6419415	11632412	17.34%	1.858%
91	15.664	2250	2257	2264	rBV5	8541680	23439115	34.95%	3.743%
92	15.743	2266	2270	2276	rVB2	5204964	9611903	14.33%	1.535%
93	15.834	2278	2285	2294	rVV4	6805762	20509180	30.58%	3.275%
94	15.962	2303	2306	2311	rBV3	2266035	4487236	6.69%	0.717%
95	16.035	2313	2318	2323	rVB4	5562185	12990584	19.37%	2.075%
96	16.182	2336	2342	2346	rBV3	6258940	12782625	19.06%	2.041%
97	16.231	2347	2350	2356	rVV5	3151610	6274753	9.36%	1.002%
98	16.298	2357	2361	2367	rVB	5251801	9133186	13.62%	1.459%
99	16.444	2382	2385	2389	rVB	1795267	2549092	3.80%	0.407%
100	16.657	2411	2420	2431	rVB	22321685	58667116	87.47%	9.370%

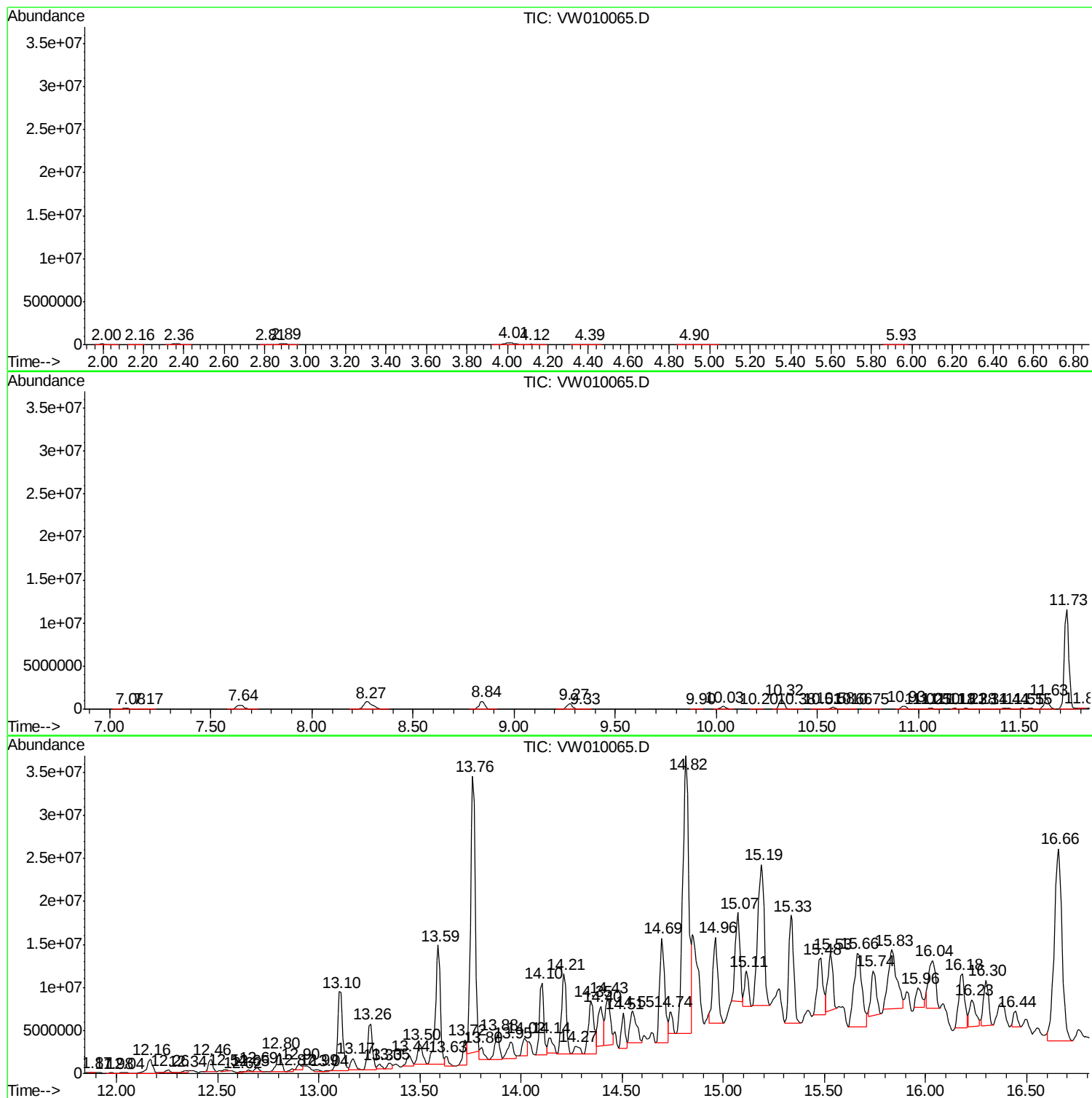
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Instrument :
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GAHR5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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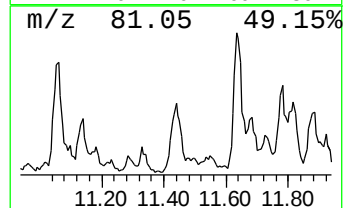
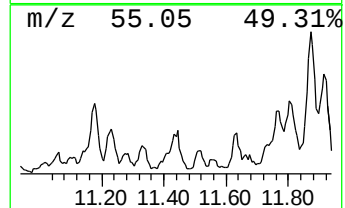
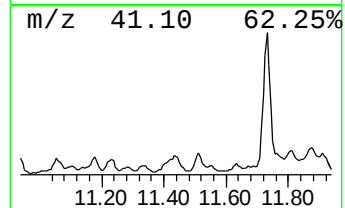
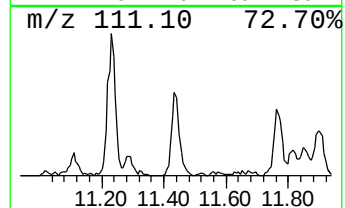
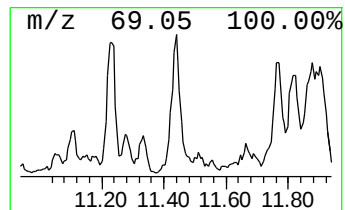
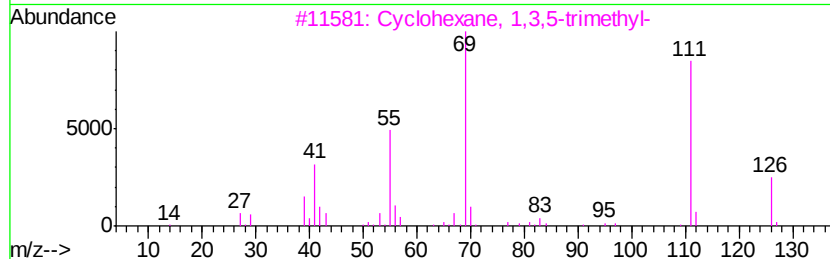
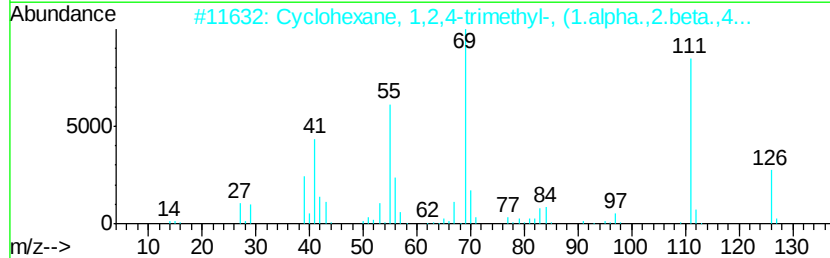
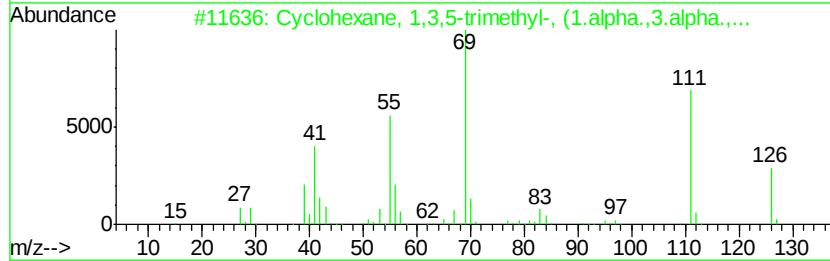
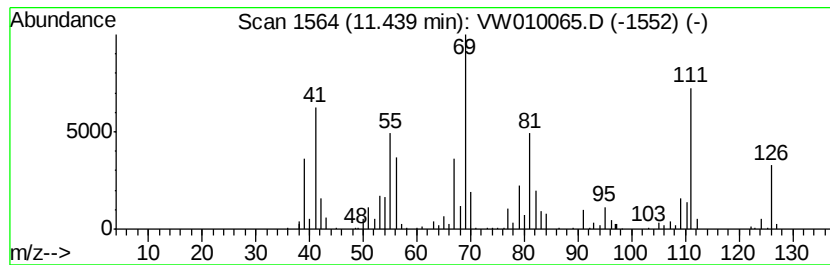
Instrument :
MSVOA_W
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic11.44 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.44	3.18 ug/L	251877	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
2		Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	47
3		Cvclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47
4		2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	46
5		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	43



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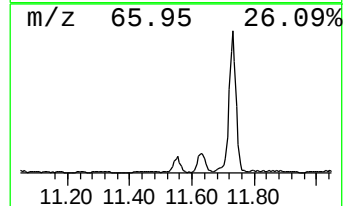
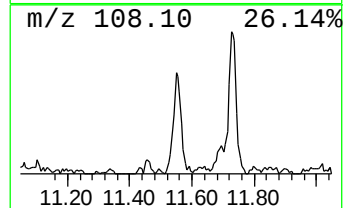
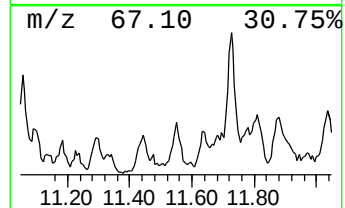
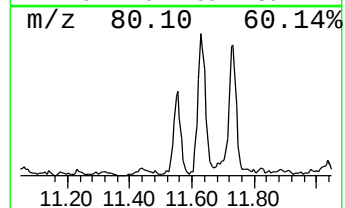
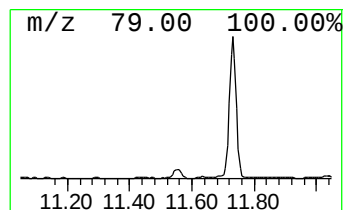
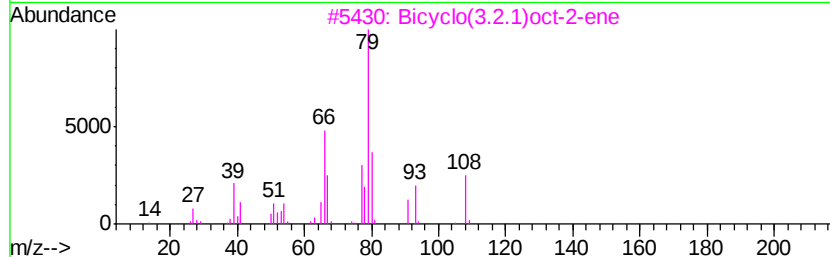
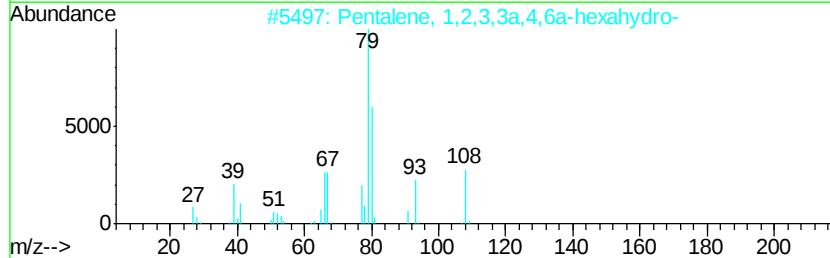
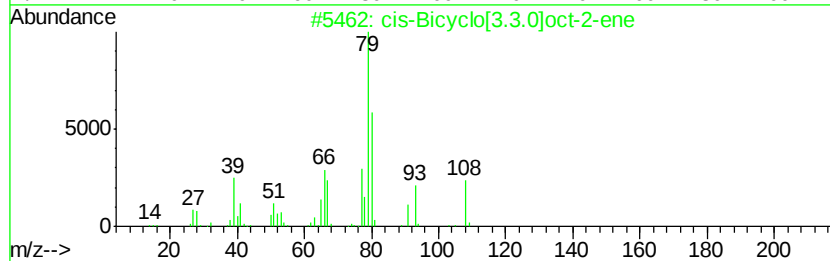
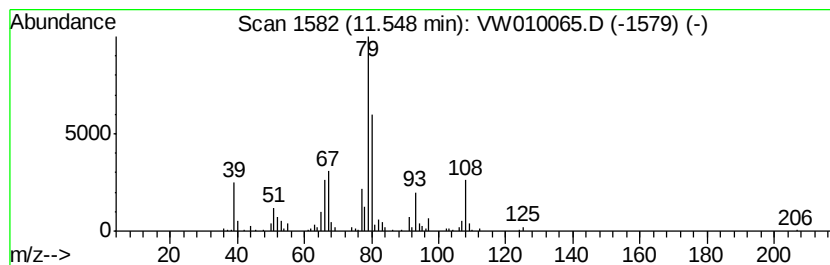
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Quant Title : VOC Analysis

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

Peak Number 4 cis-Bicyclo[3.3.0]oct-2-ene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	1.41 ug/L	111350	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Bicyclo[3.3.0]oct-2-ene	108	C8H12	000930-99-4	94
2		Pentalene, 1,2,3,3a,4,6a-hexahydro-	108	C8H12	005549-09-7	90
3		Bicyclo[3.2.1]oct-2-ene	108	C8H12	000823-02-9	83
4		Bicyclo[3.2.1]octan-2-ol, exo-	126	C8H14O	001965-38-4	83
5		1-cyclobutylcyclobutene	108	C8H12	058372-37-5	46



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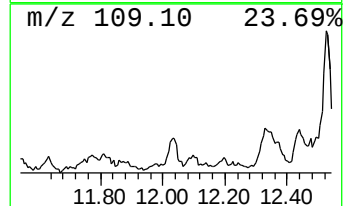
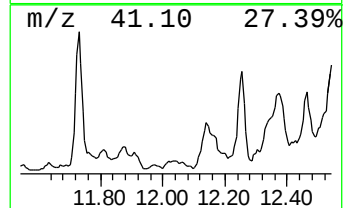
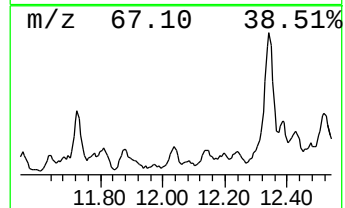
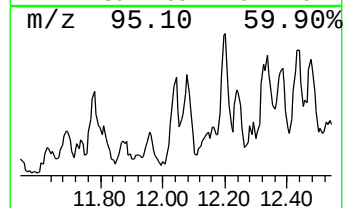
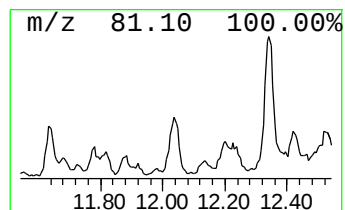
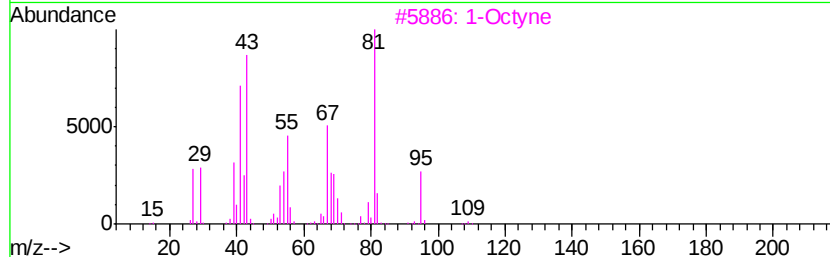
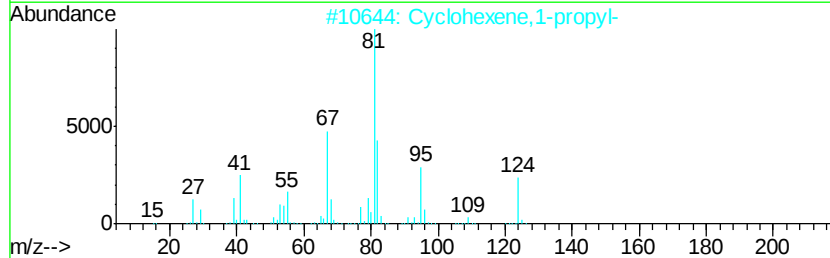
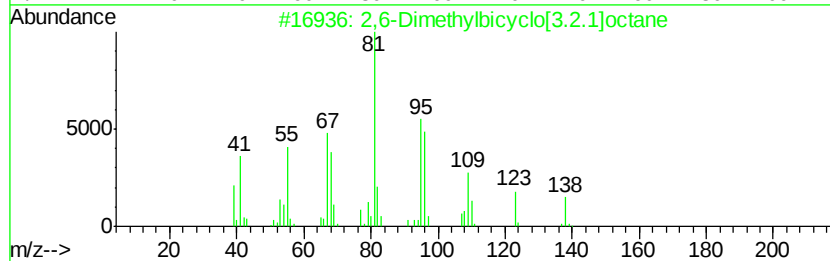
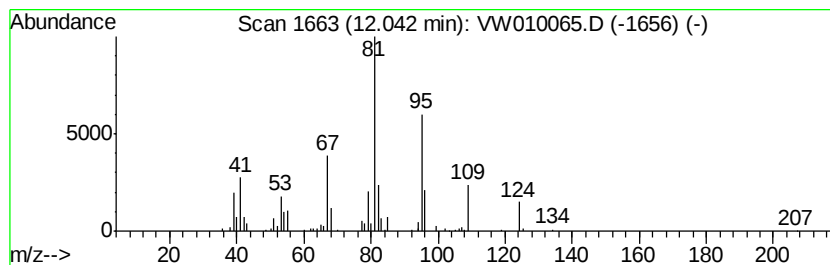
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Quant Title : VOC Analysis

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

Peak Number 5 2,6-Dimethylbicyclo[3.2.1]o... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.45 ug/L	114957	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	64
2		Cyclohexene,1-propyl-	124	C9H16	002539-75-5	58
3		1-Octyne	110	C8H14	000629-05-0	50
4		6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	50
5		Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

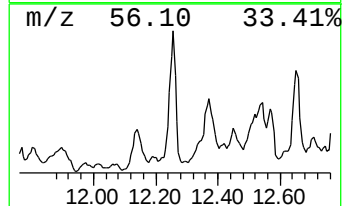
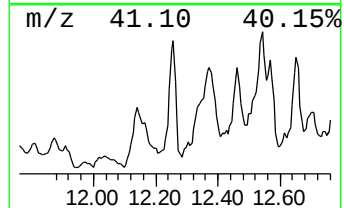
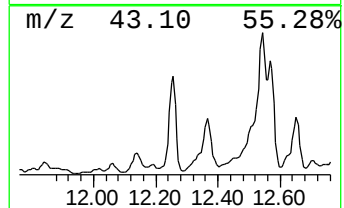
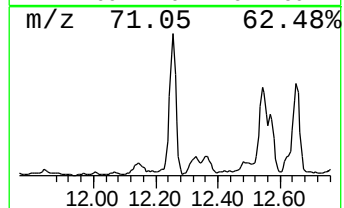
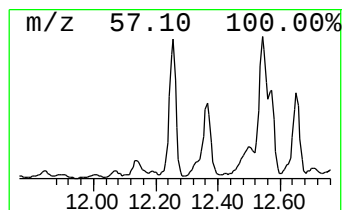
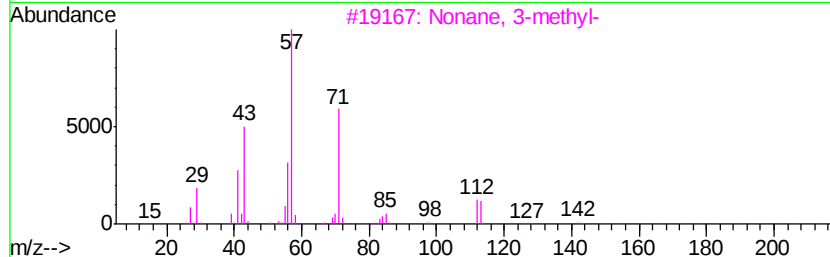
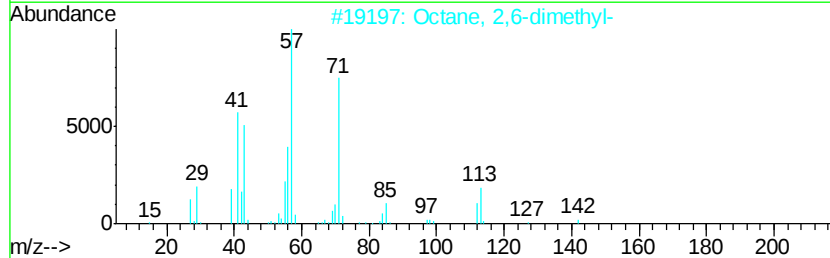
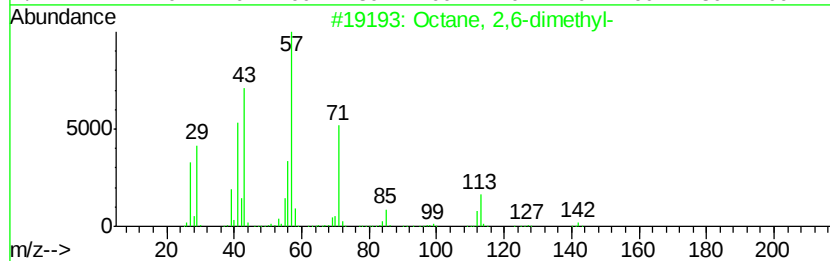
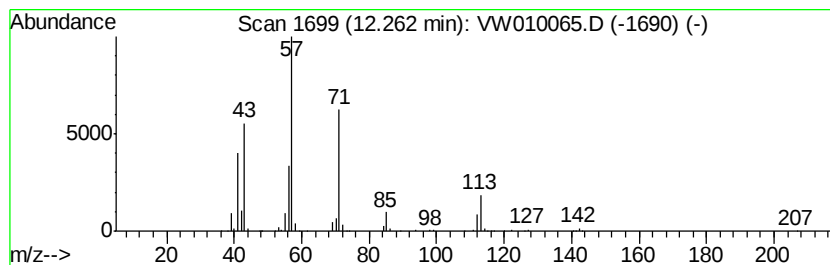
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.76 ug/L	535412	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

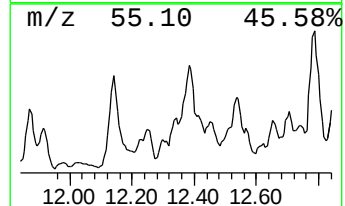
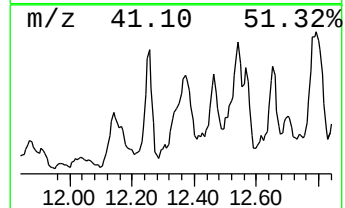
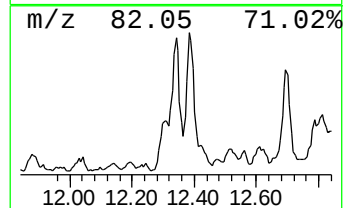
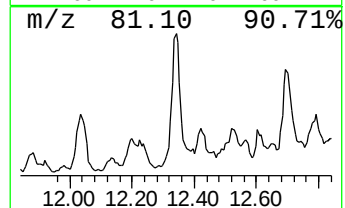
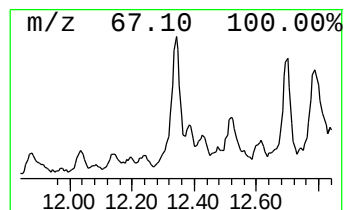
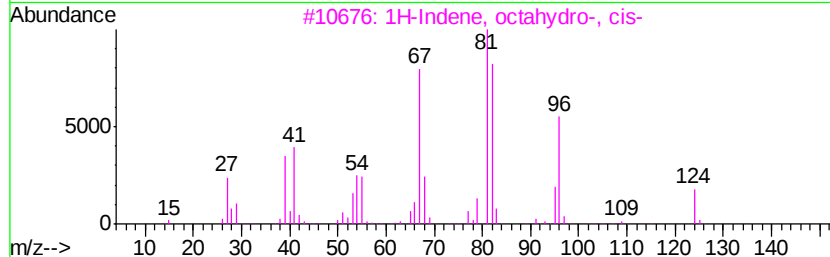
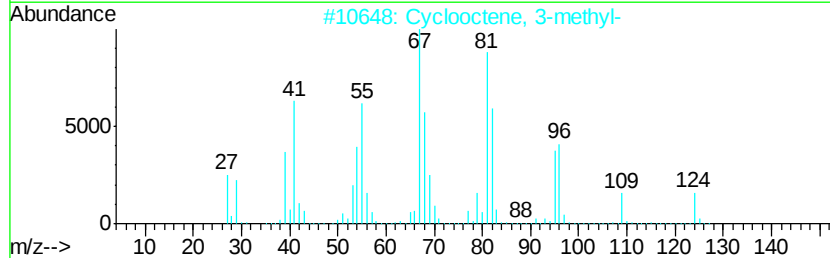
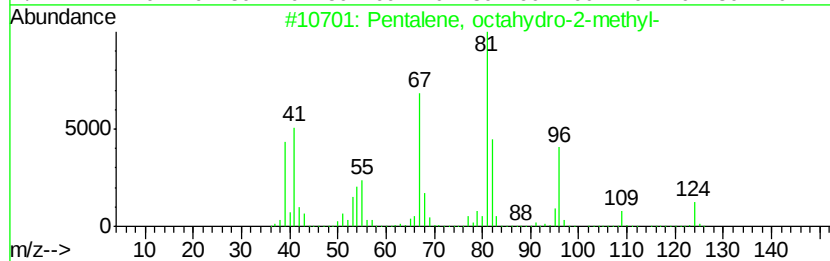
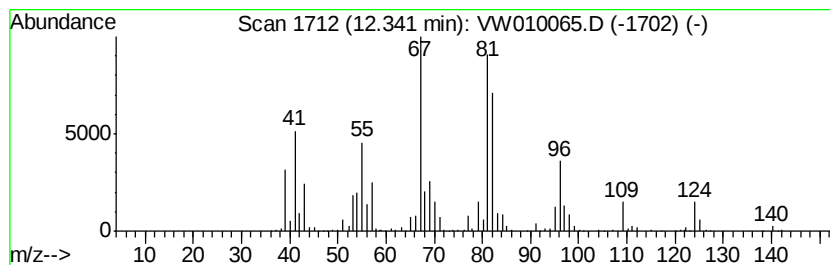
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Quant Title : VOC Analysis

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

Peak Number 7 Pentalene, octahydro-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	6.41 ug/L	507559	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	90
2		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	90
3		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	81
4		1-Pentadecyne	208	C15H28	000765-13-9	72
5		1-Hexadecyne	222	C16H30	000629-74-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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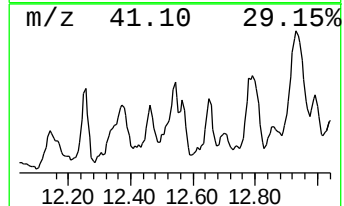
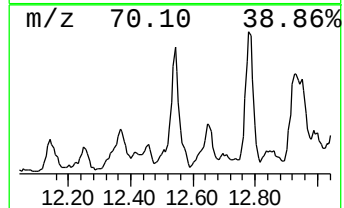
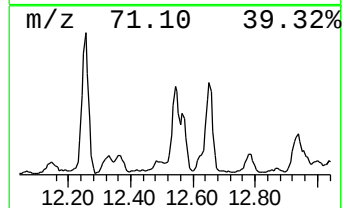
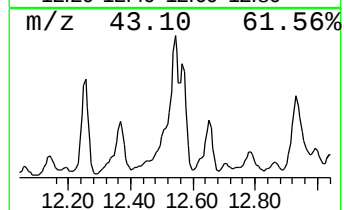
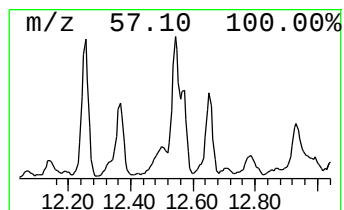
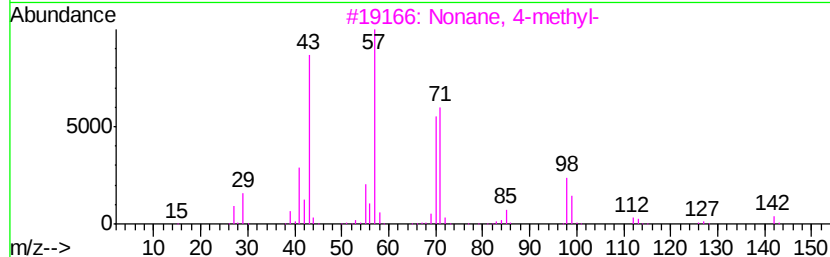
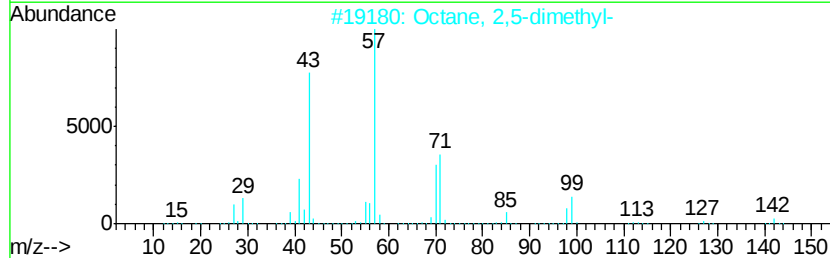
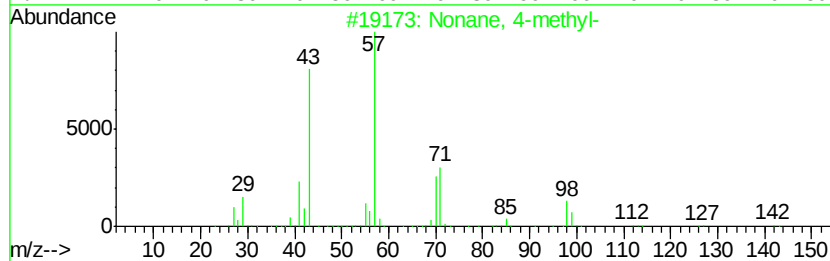
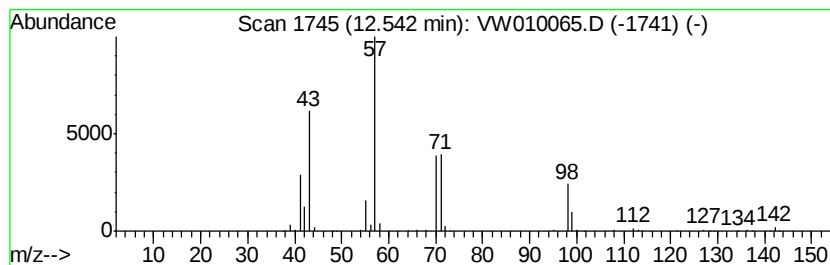
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.10 ug/L	245317	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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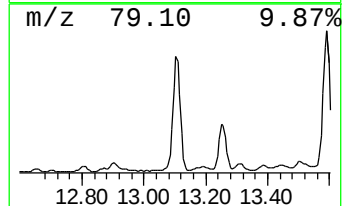
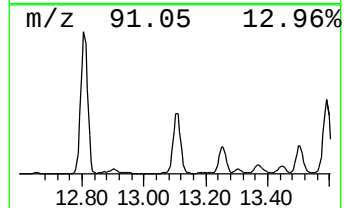
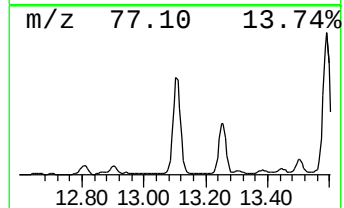
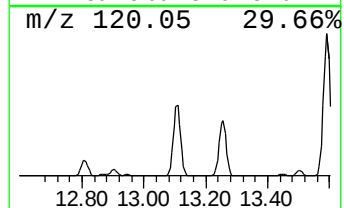
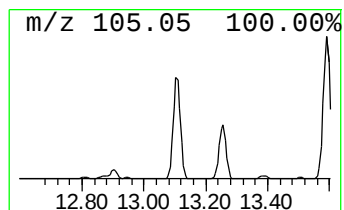
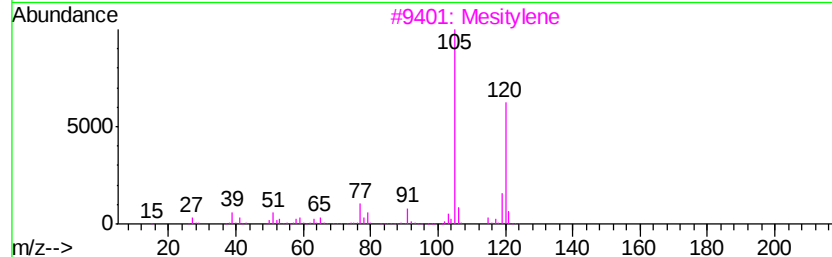
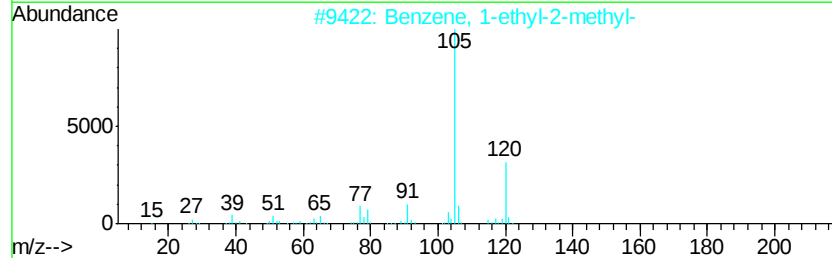
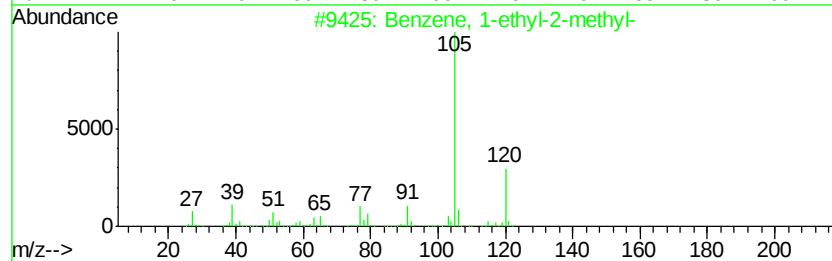
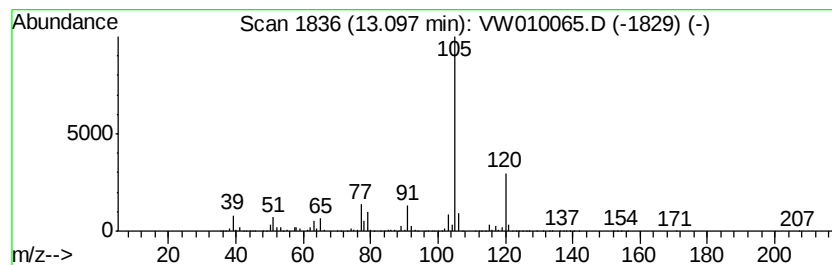
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	17.74 ug/L	16183900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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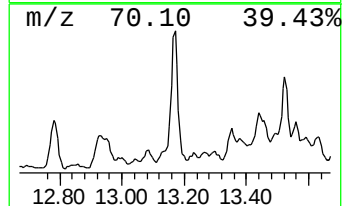
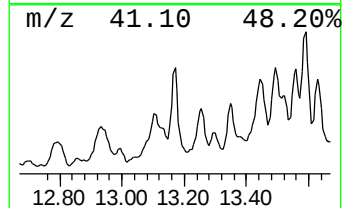
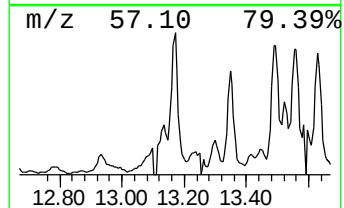
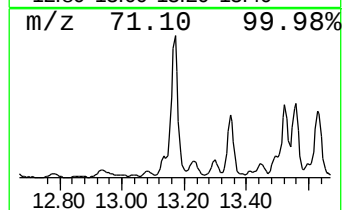
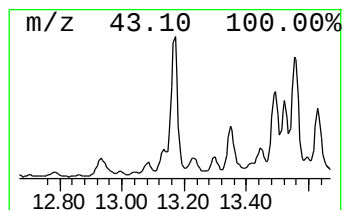
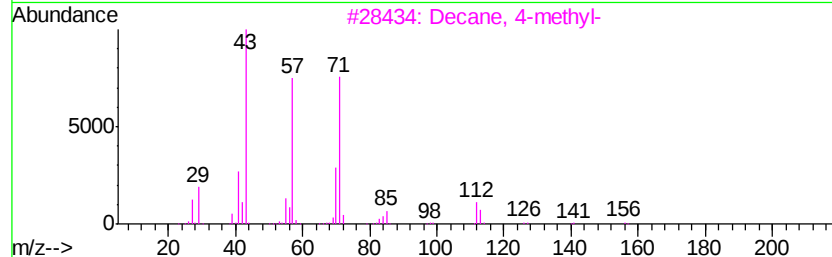
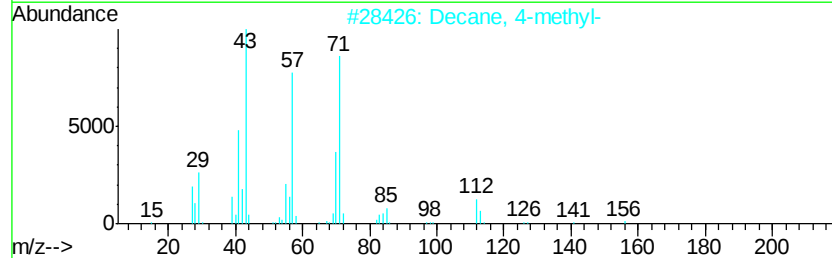
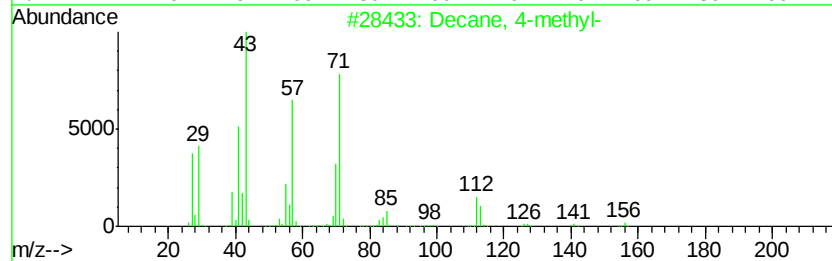
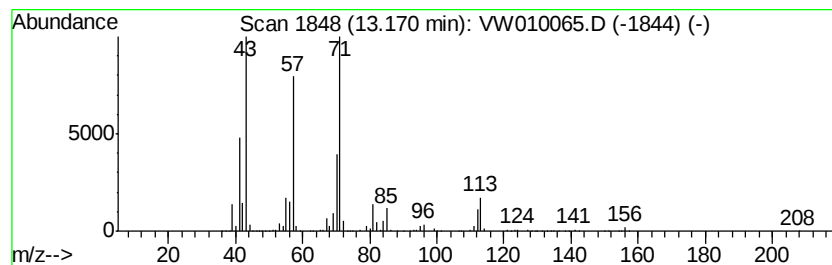
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.26 ug/L	2057540	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2		Decane, 4-methyl-	156	C11H24	002847-72-5	80
3		Decane, 4-methyl-	156	C11H24	002847-72-5	78
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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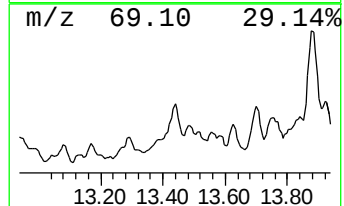
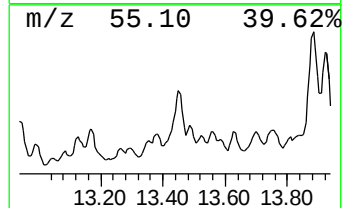
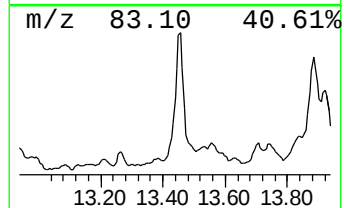
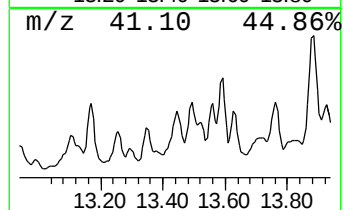
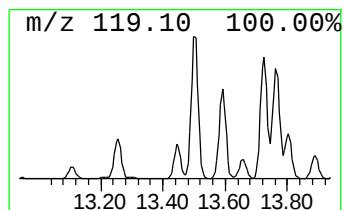
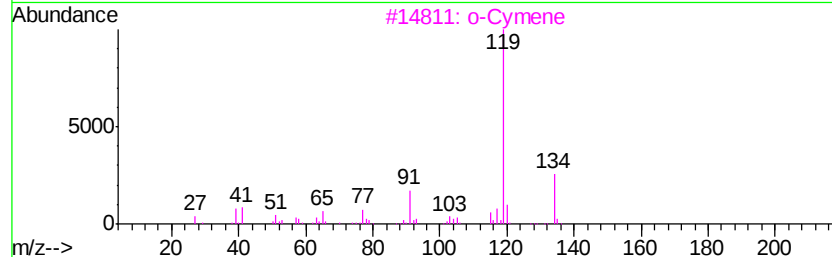
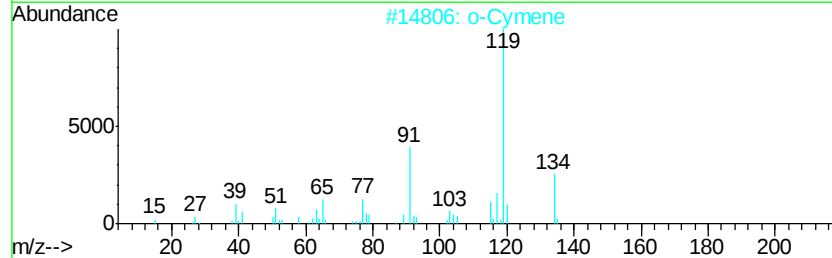
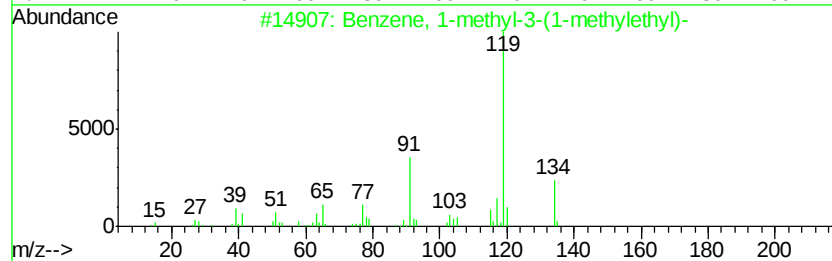
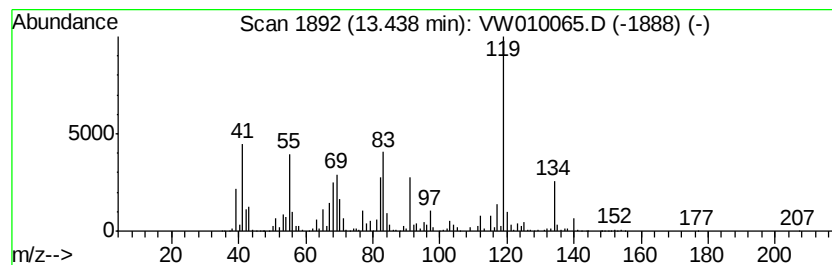
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.41 ug/L	2200450	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89
2		o-Cymene	134	C10H14	000527-84-4	89
3		o-Cymene	134	C10H14	000527-84-4	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5		p-Cymene	134	C10H14	000099-87-6	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

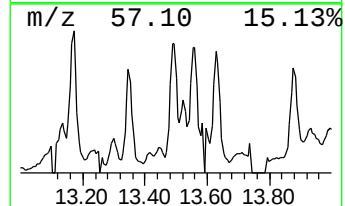
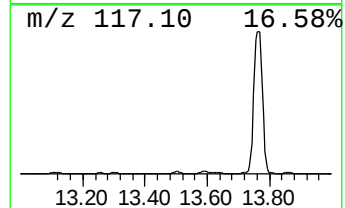
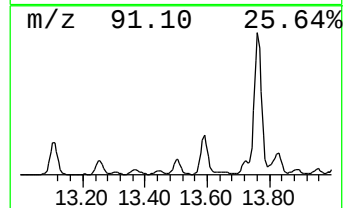
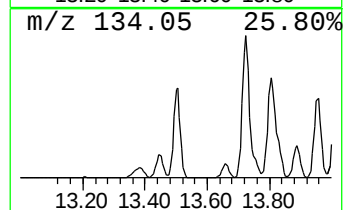
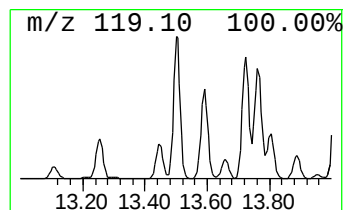
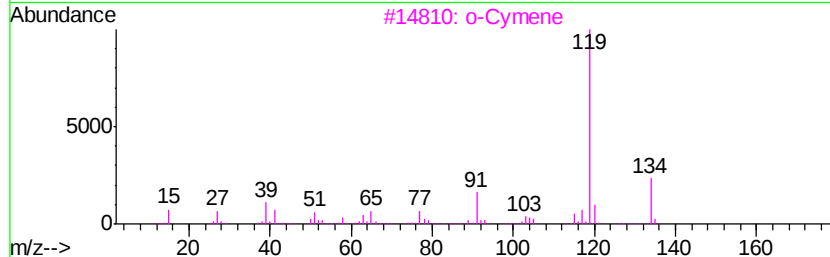
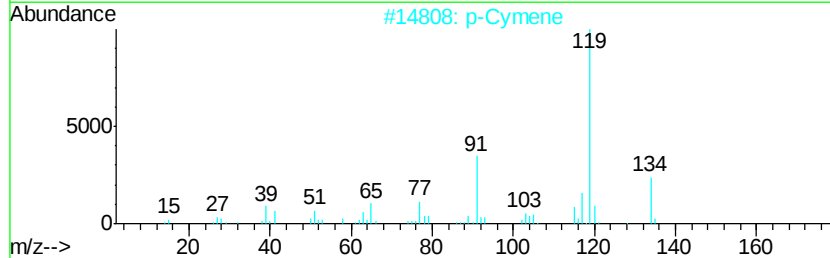
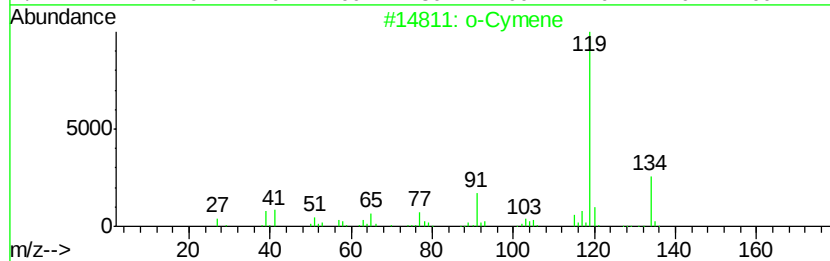
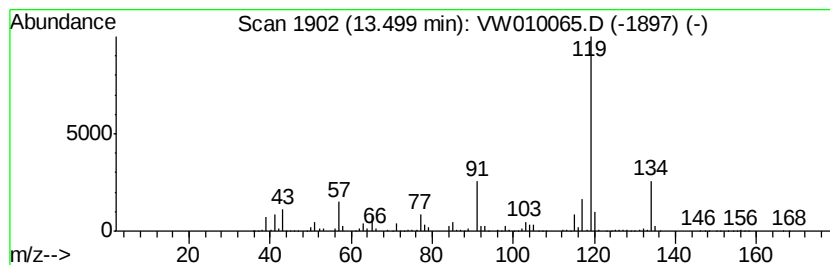
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Quant Title : VOC Analysis

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

Peak Number 14 o-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.70 ug/L	4287400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	93
2		p-Cymene	134	C10H14	000099-87-6	91
3		o-Cymene	134	C10H14	000527-84-4	87
4		p-Cymene	134	C10H14	000099-87-6	87
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

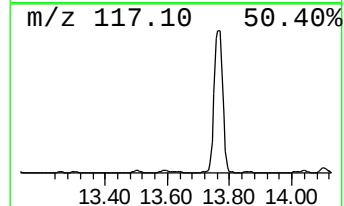
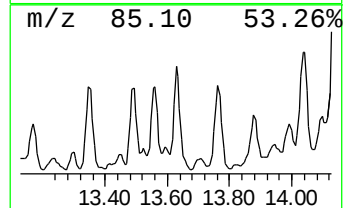
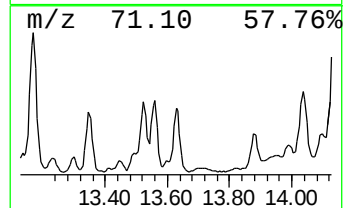
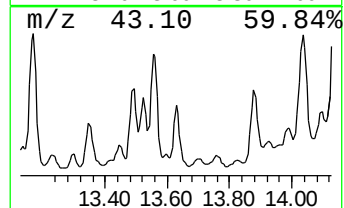
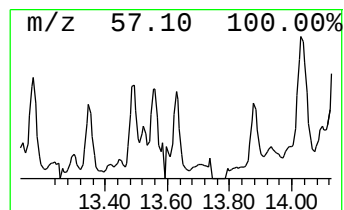
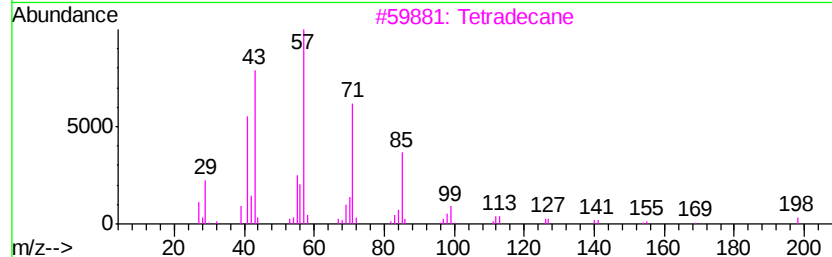
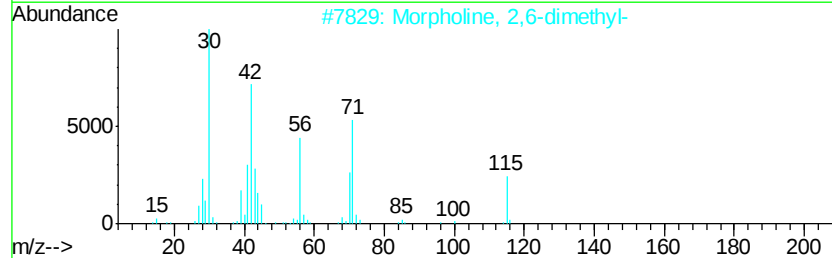
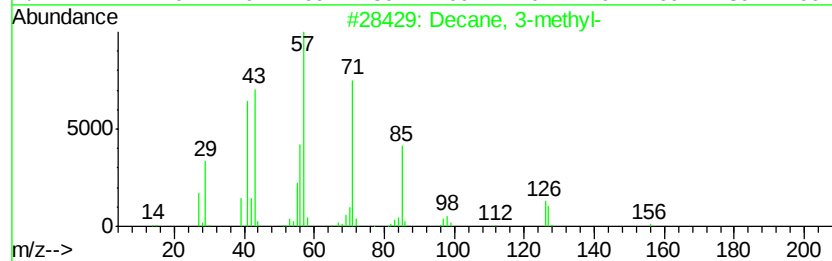
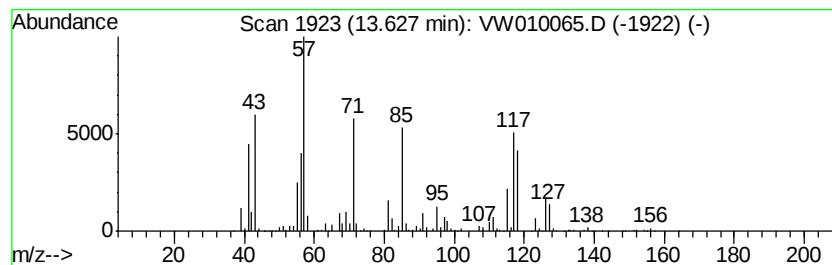
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	1.46 ug/L	1334140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	38
2			Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	27
3			Tetradecane	198	C14H30	000629-59-4	27
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22
5			5,5-Dimethyl-3-oxo-1-pyrroline, ...	127	C6H9NO2	1000305-98-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

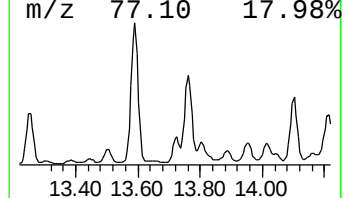
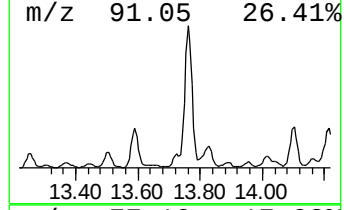
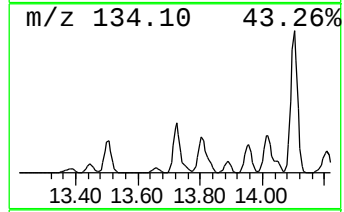
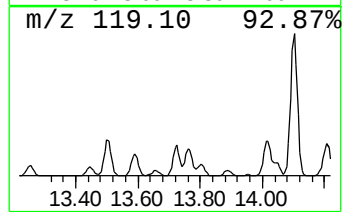
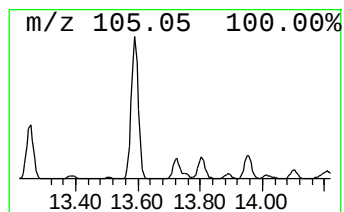
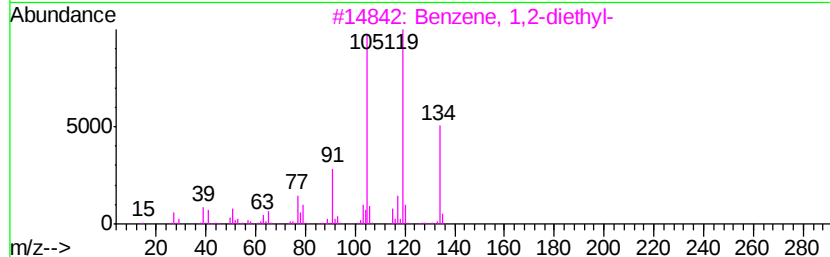
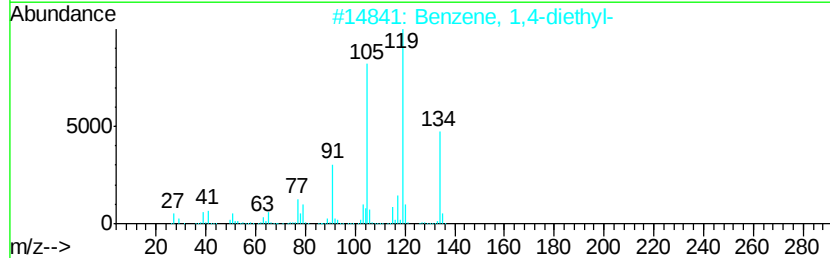
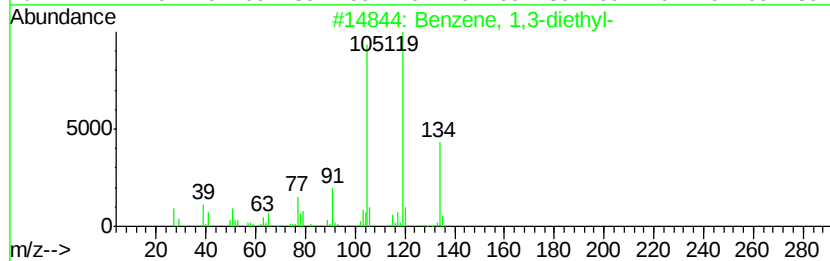
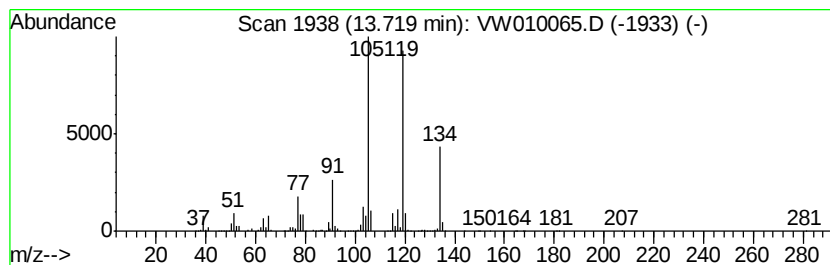
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.49 ug/L	4093620	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHR5

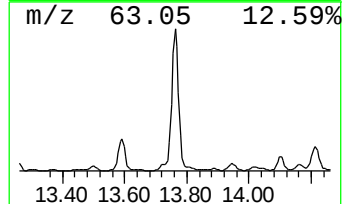
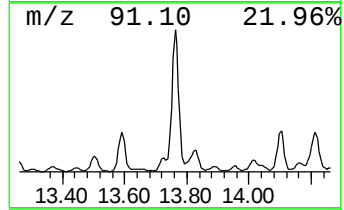
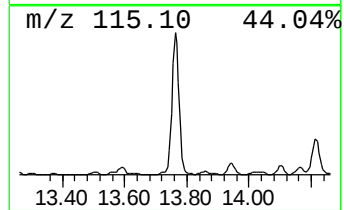
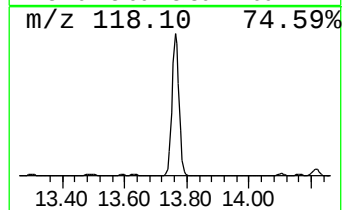
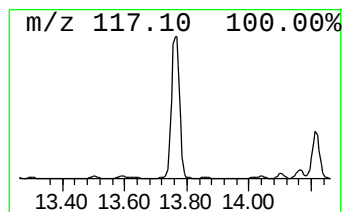
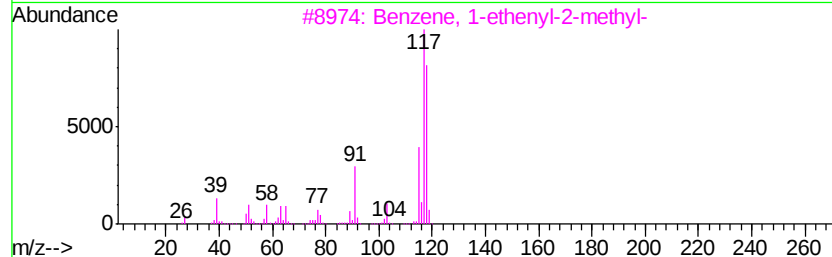
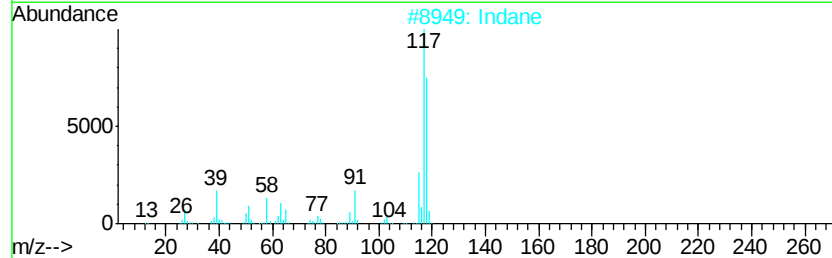
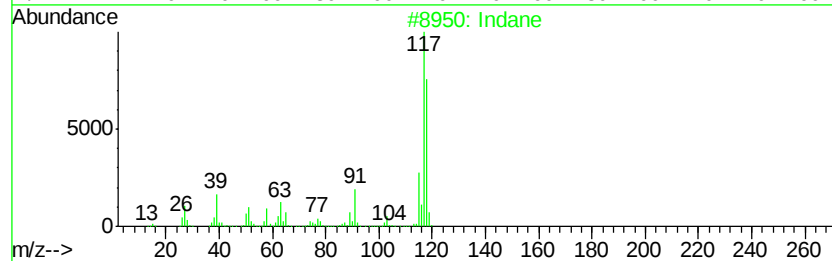
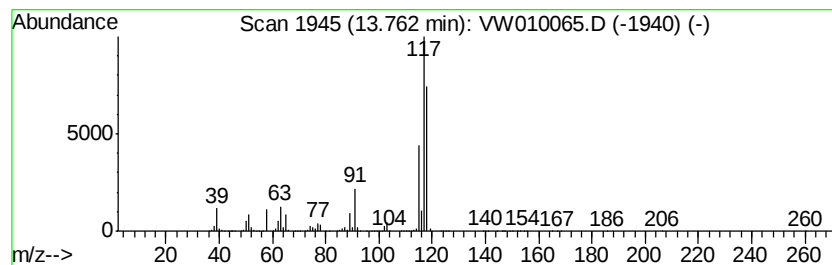
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Quant Title : VOC Analysis

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

Peak Number 17 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	55.76 ug/L	50862000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	91
2		Indane	118	C9H10	000496-11-7	90
3		Benzene, 1-ethenvl-2-methvl-	118	C9H10	000611-15-4	90
4		Indane	118	C9H10	000496-11-7	81
5		Indane	118	C9H10	000496-11-7	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

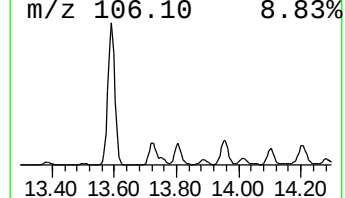
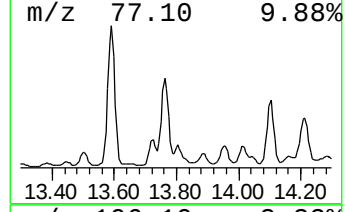
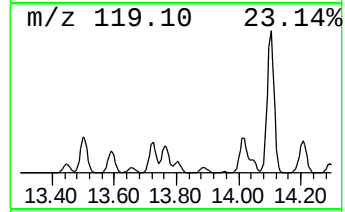
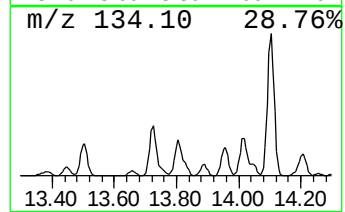
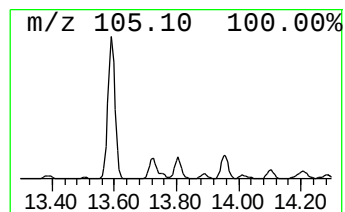
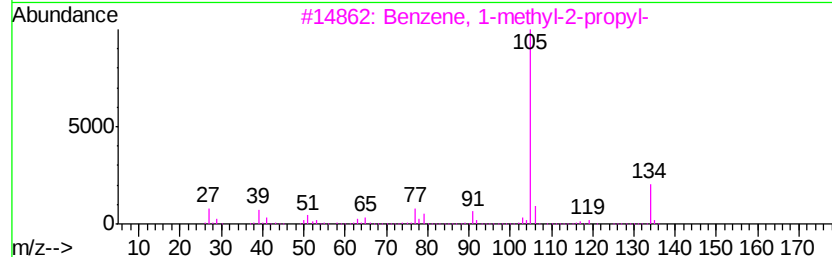
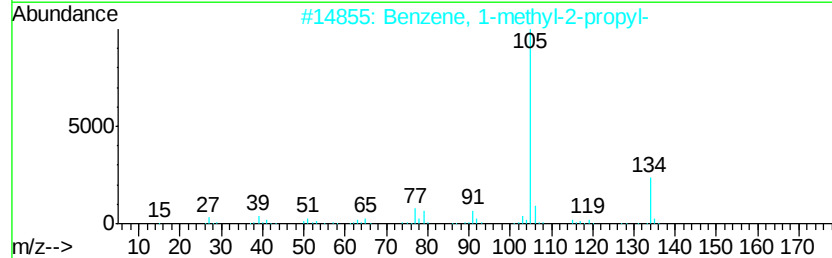
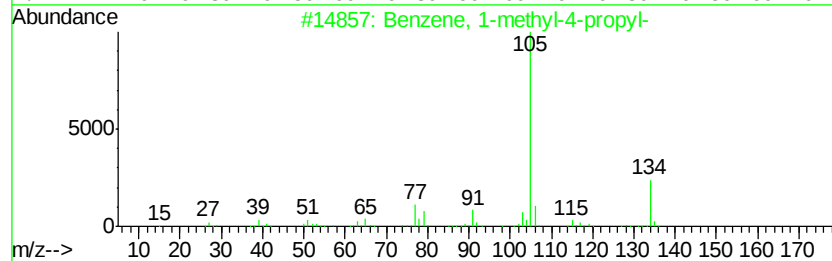
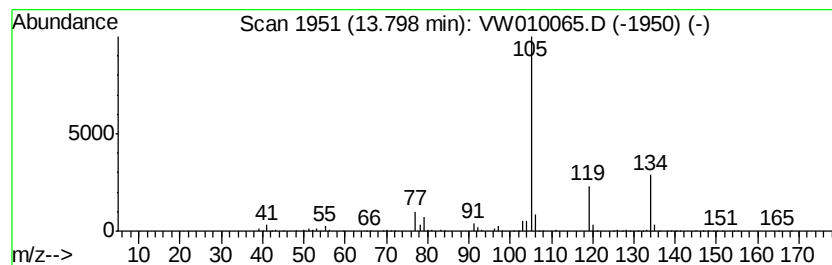
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.15 ug/L	1965160	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	59
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	59
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

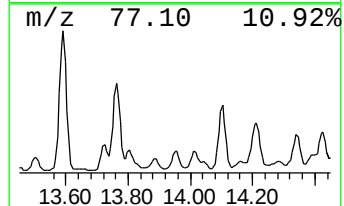
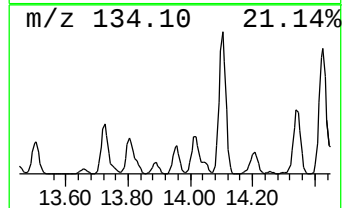
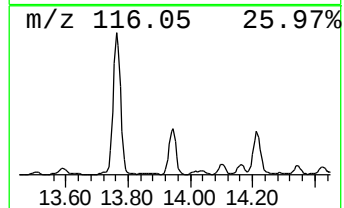
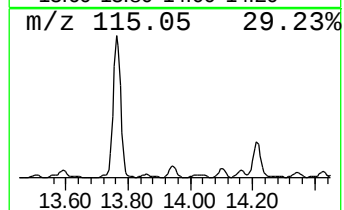
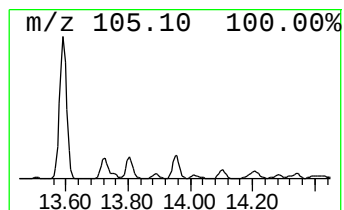
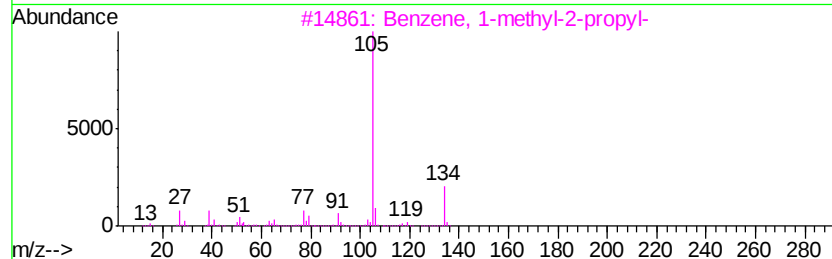
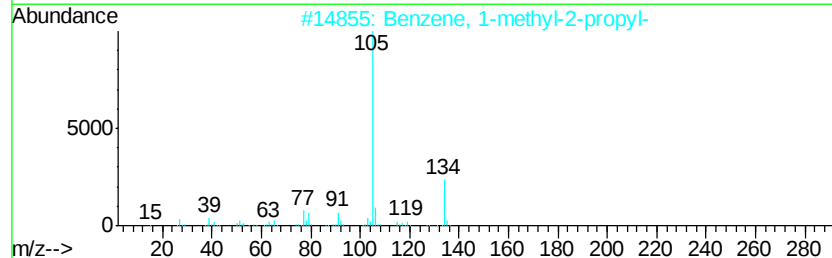
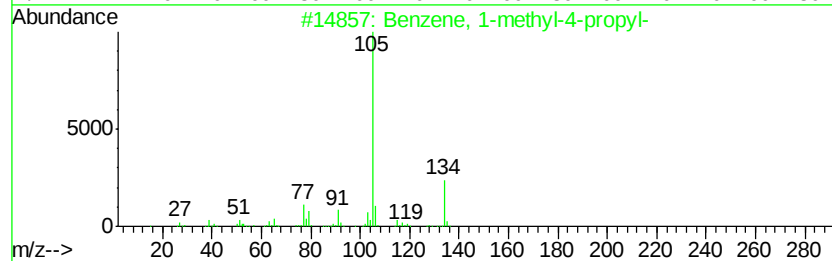
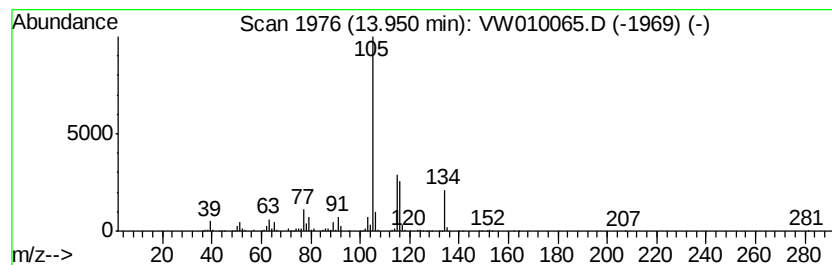
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-methyl-2-propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.12 ug/L	3754040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

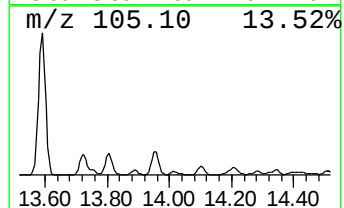
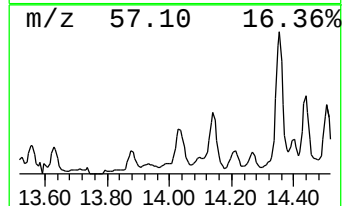
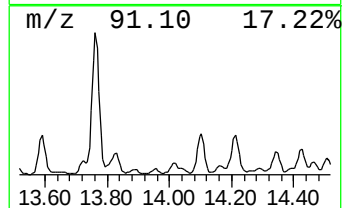
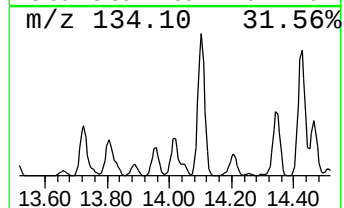
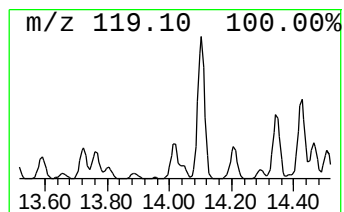
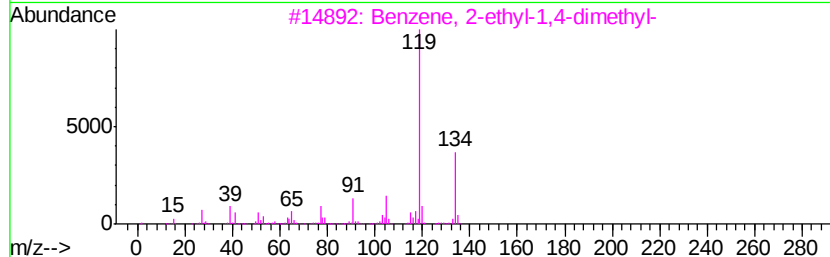
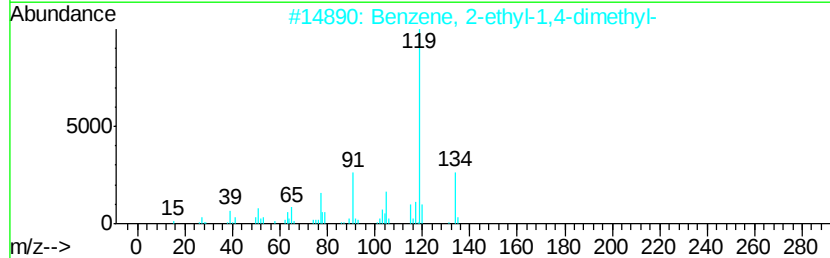
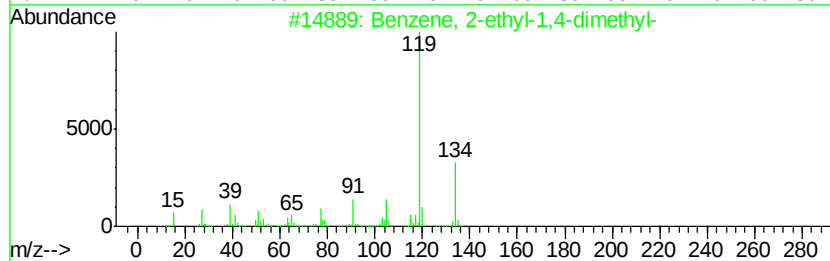
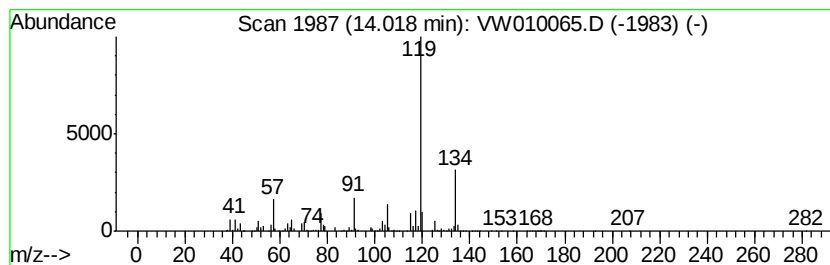
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.41 ug/L	3106790	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	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

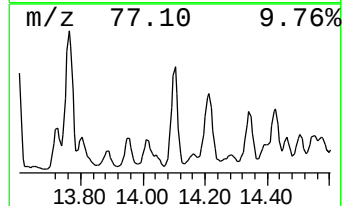
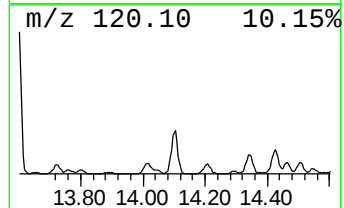
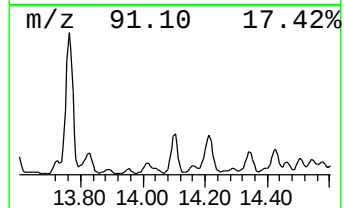
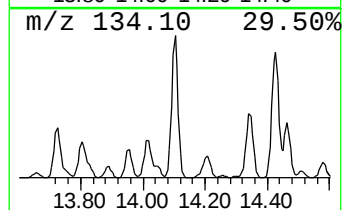
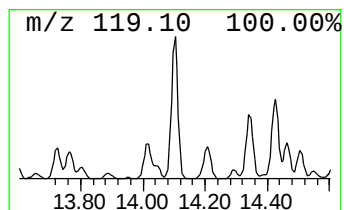
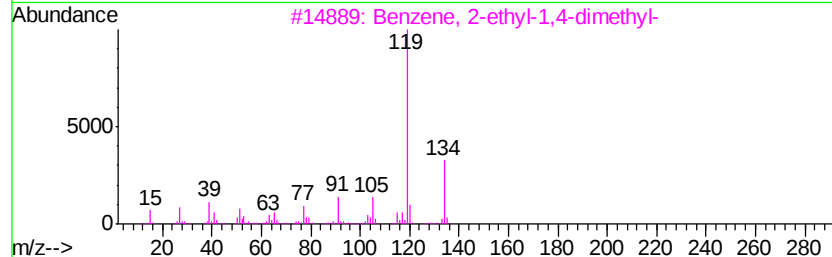
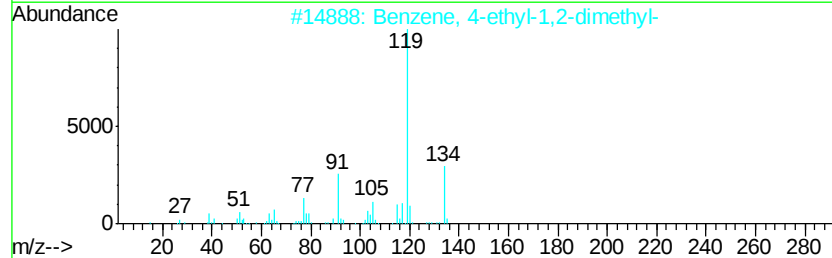
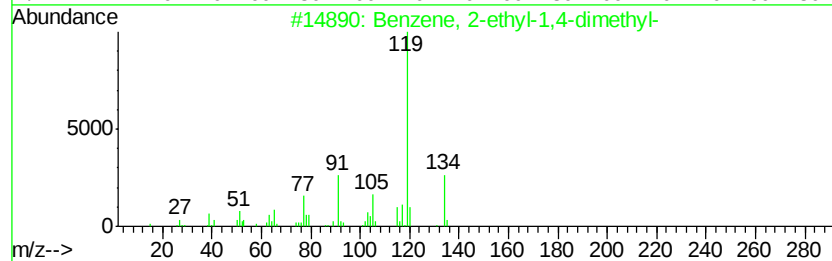
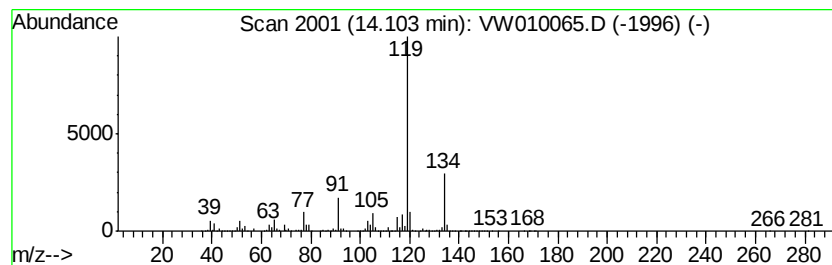
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	14.05 ug/L	12814700	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	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

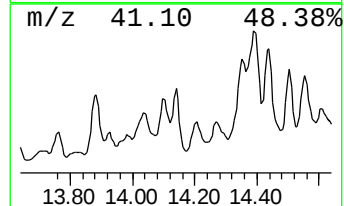
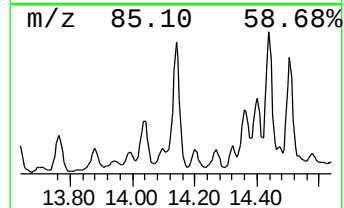
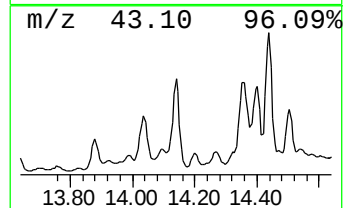
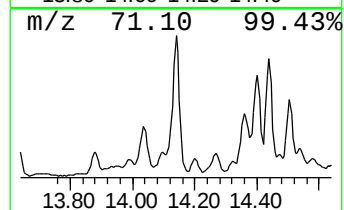
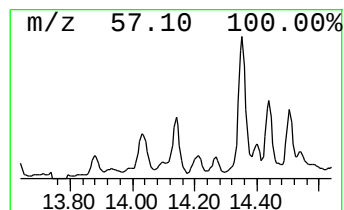
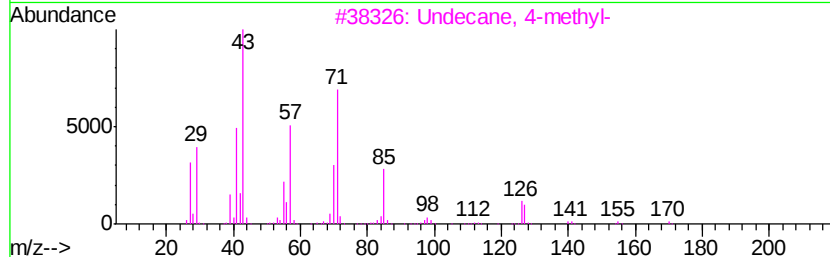
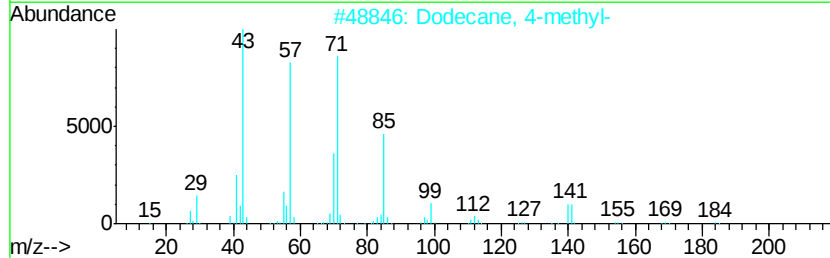
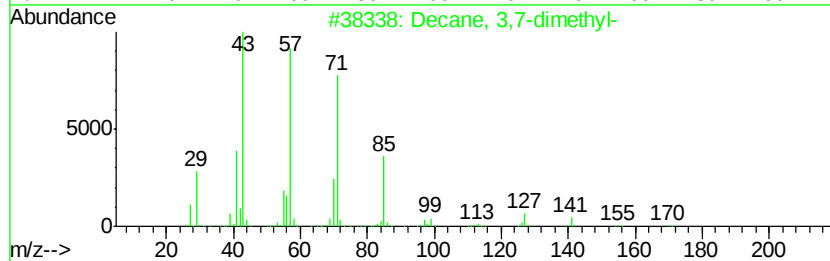
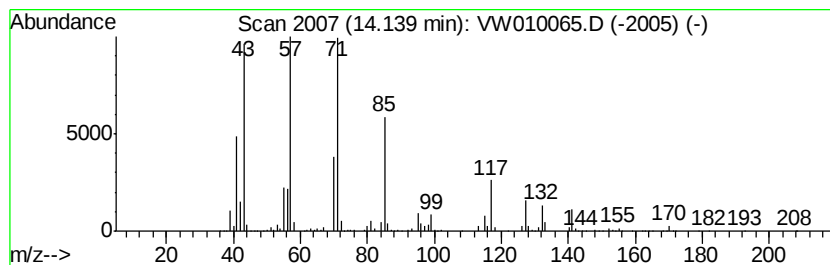
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.51 ug/L	3202540	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
3			Undecane, 4-methyl-	170	C12H26	002980-69-0	58
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

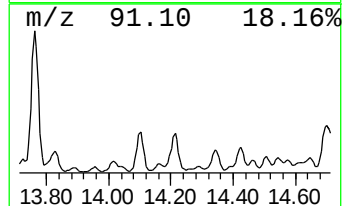
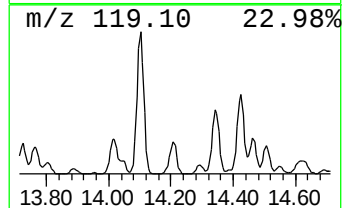
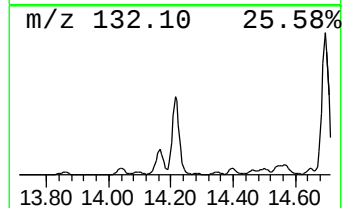
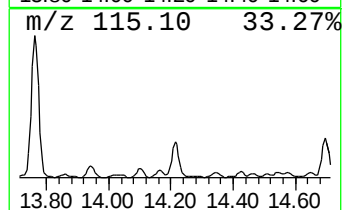
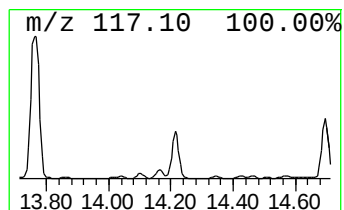
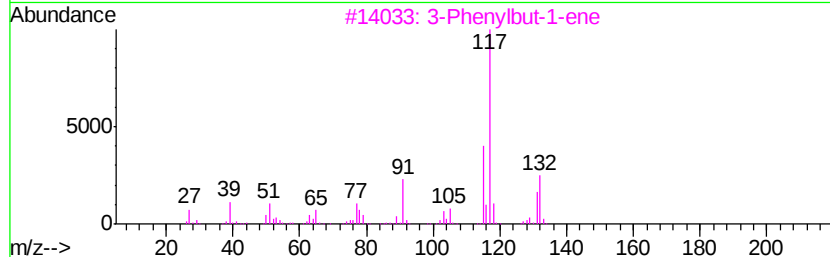
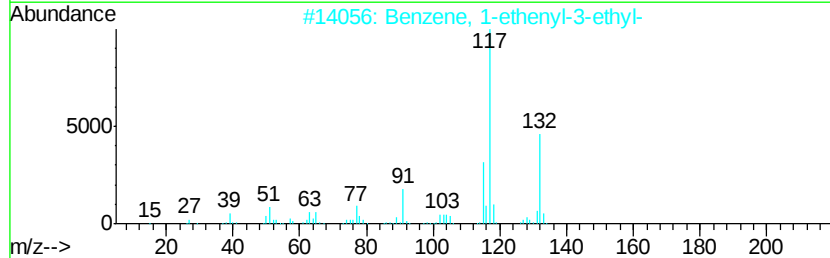
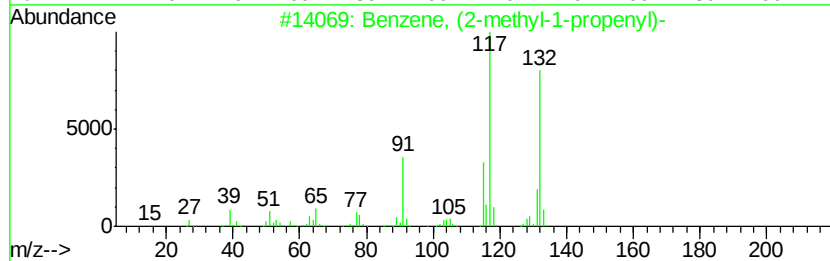
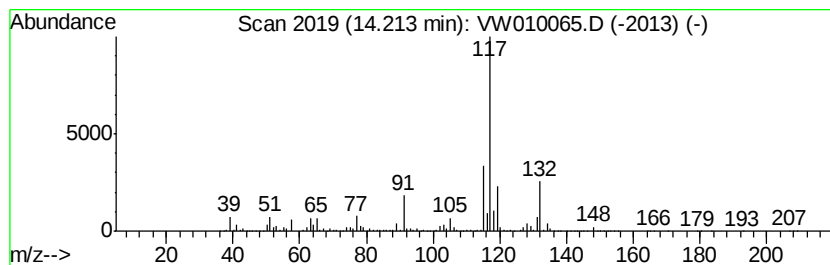
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, (2-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	16.72 ug/L	15256200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4		Indan, 1-methyl-	132	C10H12	000767-58-8	76
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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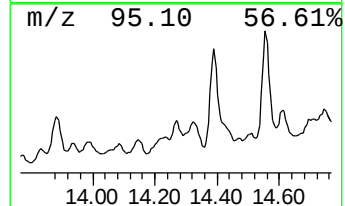
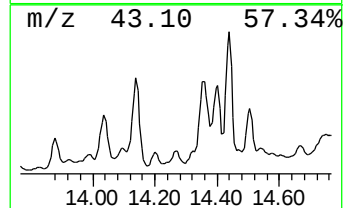
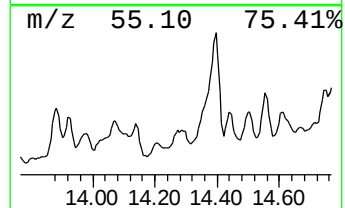
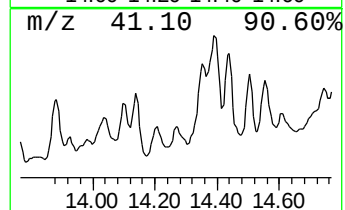
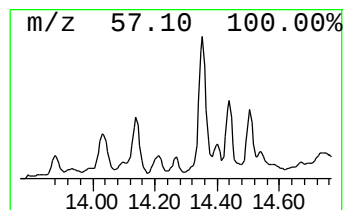
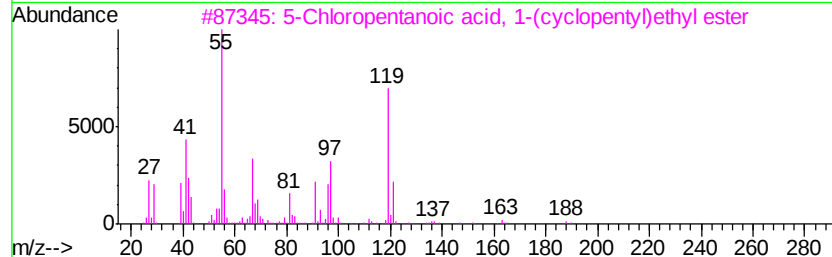
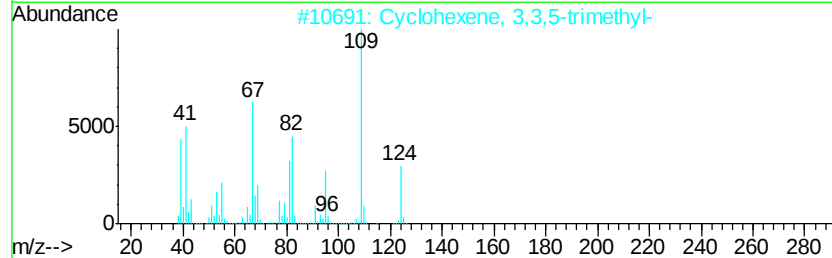
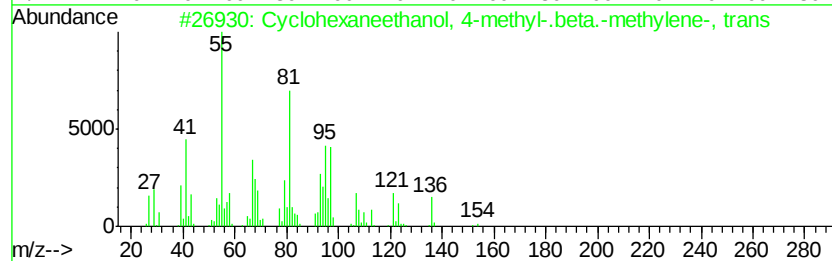
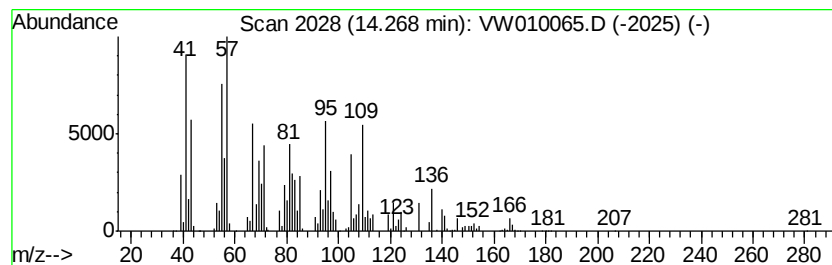
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Quant Title : VOC Analysis

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

Peak Number 24 Cyclohexaneethanol, 4-methy... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.11 ug/L	1920520	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexaneethanol, 4-methyl-.be...	154	C10H18O	015714-12-2	50
2			Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	35
3			5-Chloropentanoic acid, 1-(cyclo...	232	C12H21ClO2	1000293-37-6	27
4			Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	25
5			p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

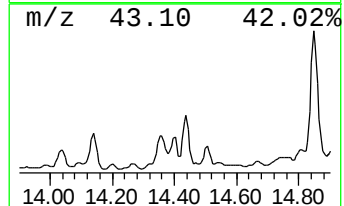
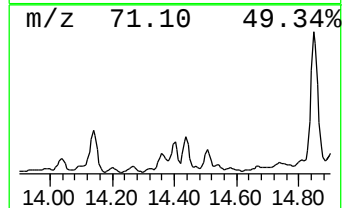
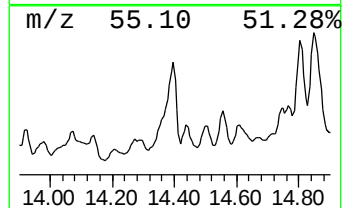
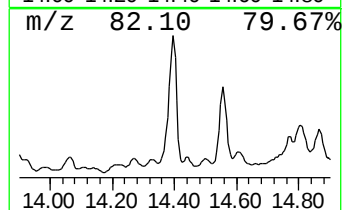
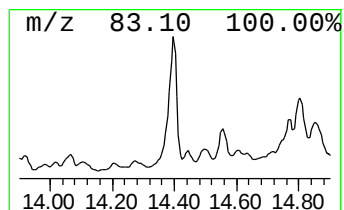
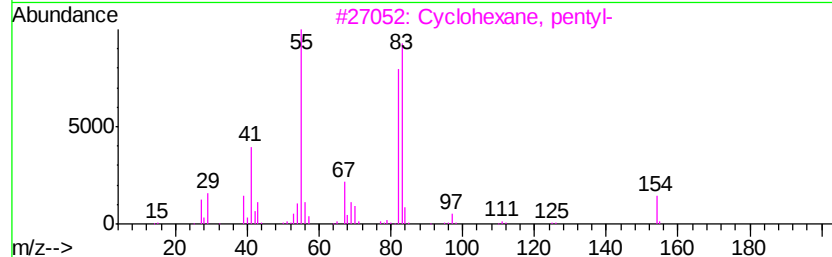
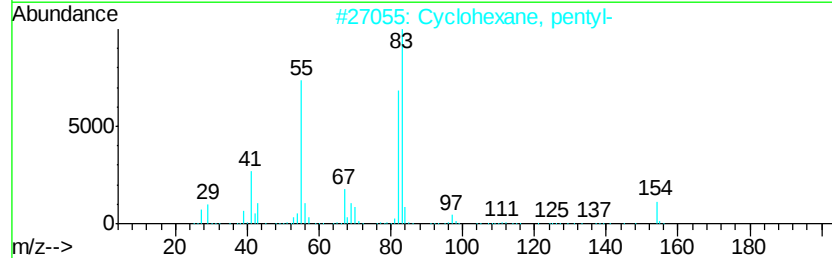
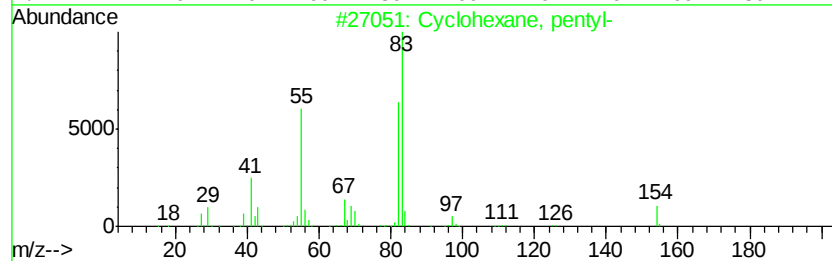
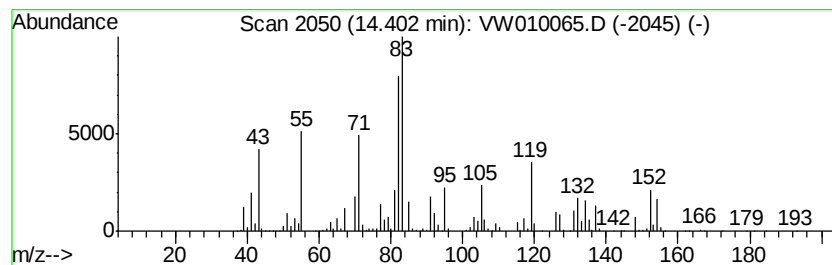
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Cyclic14.40 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	8.77 ug/L	7996700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

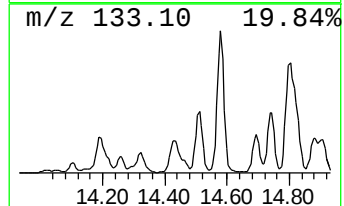
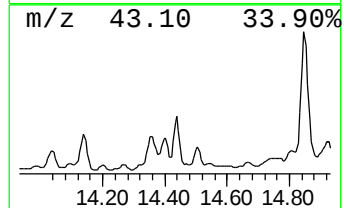
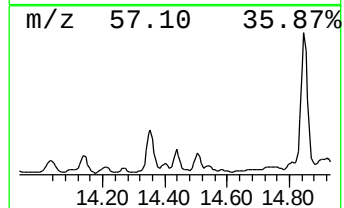
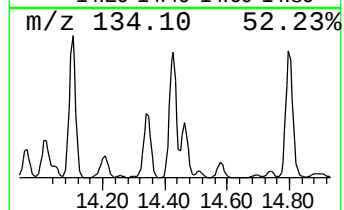
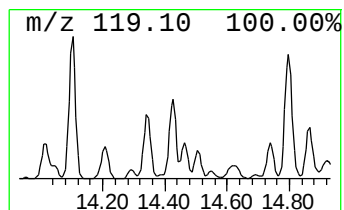
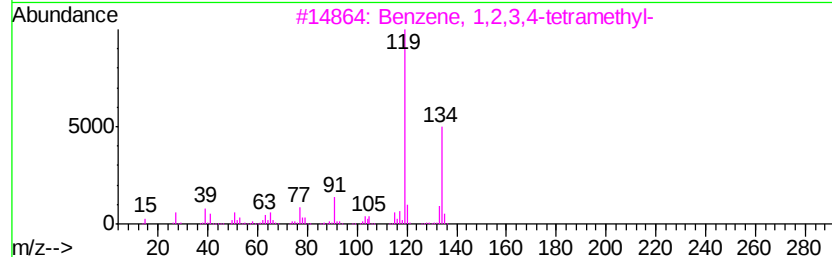
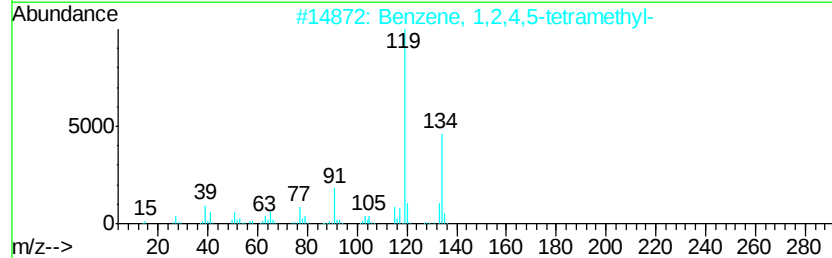
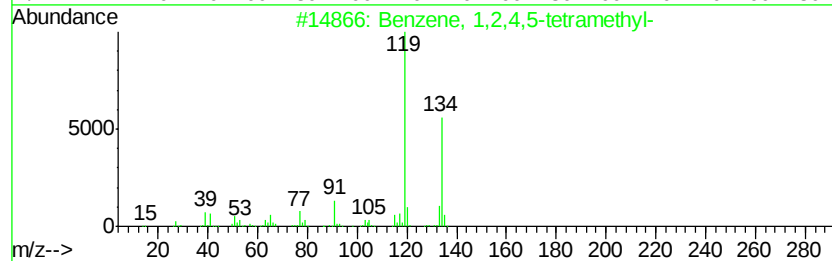
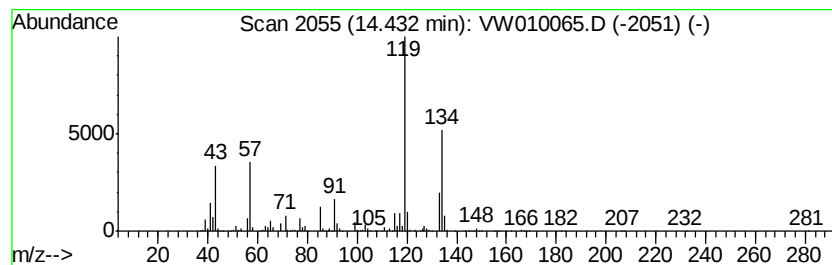
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	11.03 ug/L	10065700	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	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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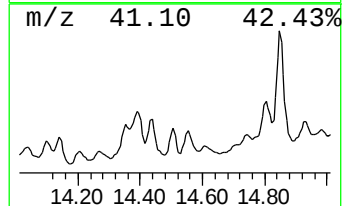
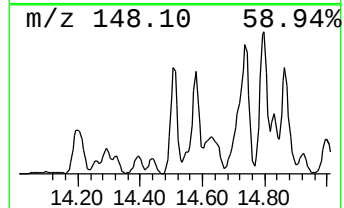
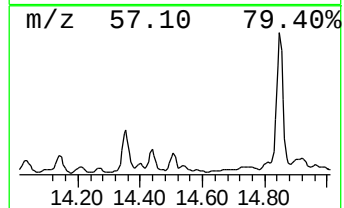
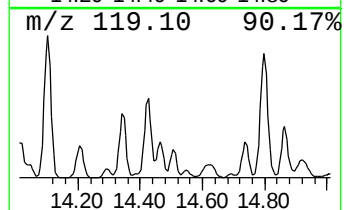
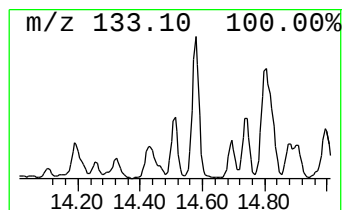
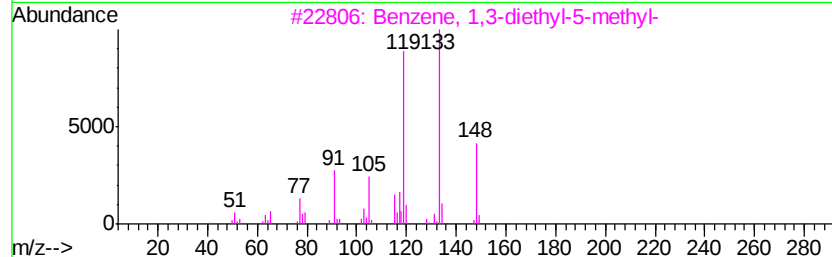
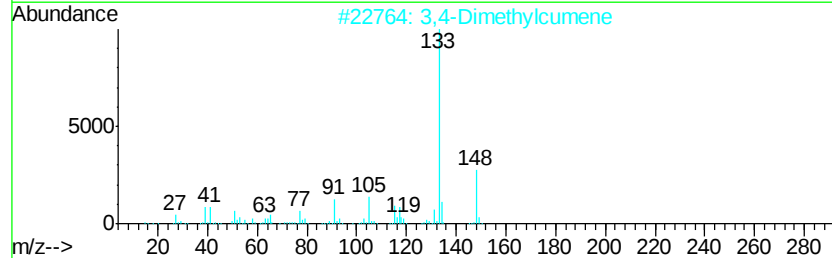
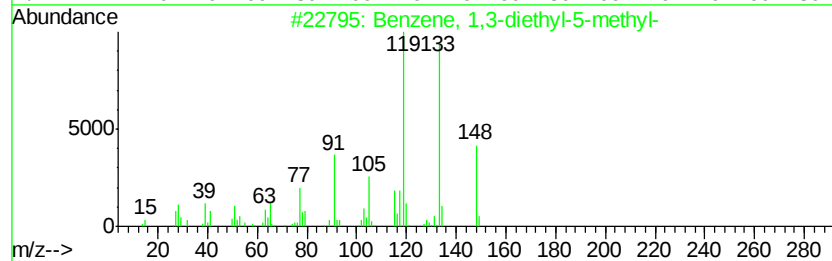
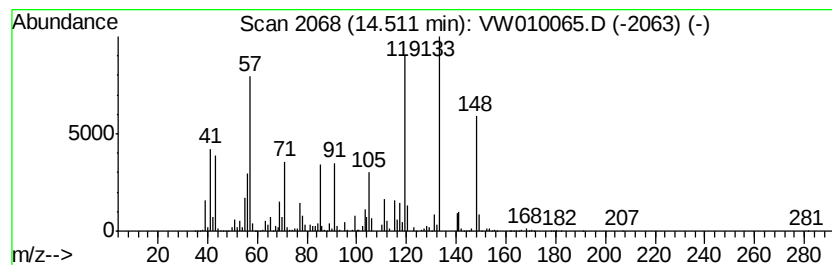
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.92 ug/L	5404420	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
2			3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	41
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	38
5			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

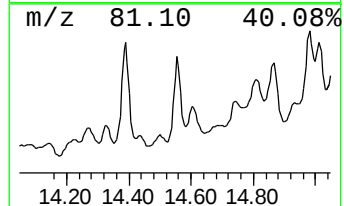
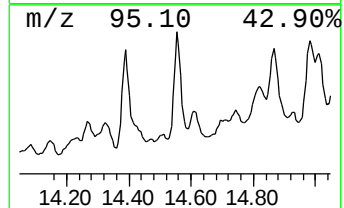
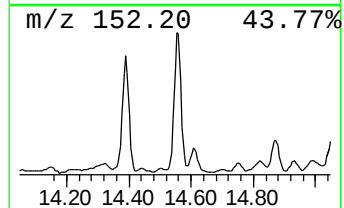
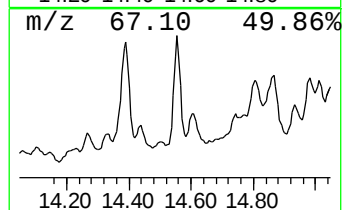
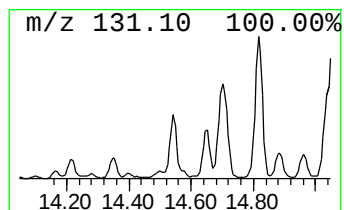
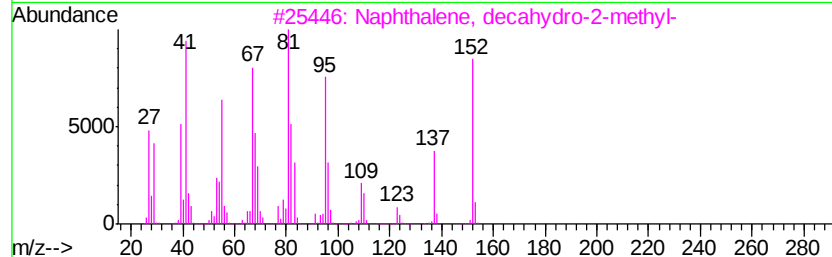
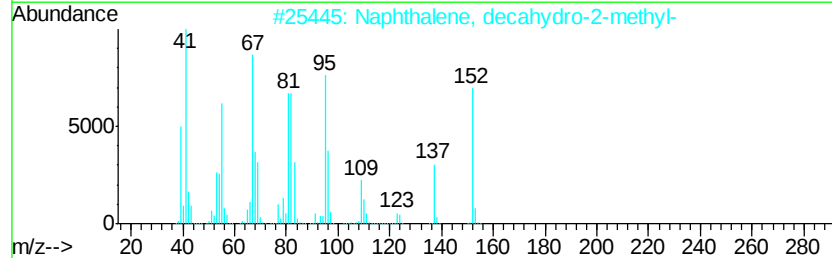
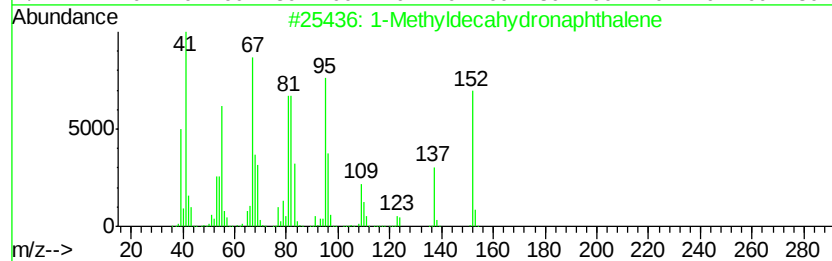
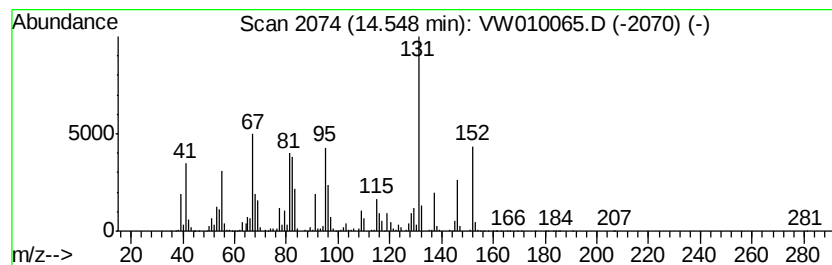
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Quant Title : VOC Analysis

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

Peak Number 29 1-Methyldecahydronaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	8.93 ug/L	8141780	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

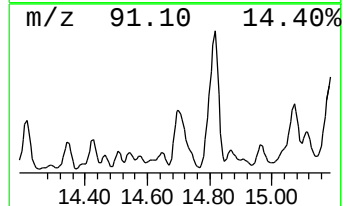
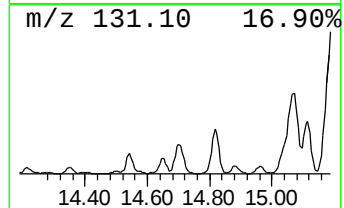
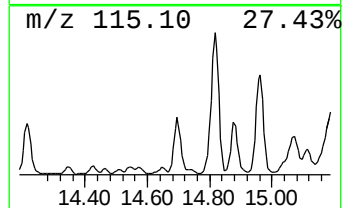
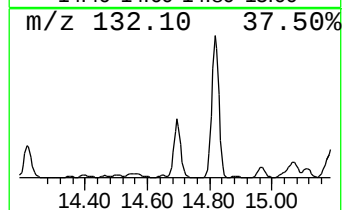
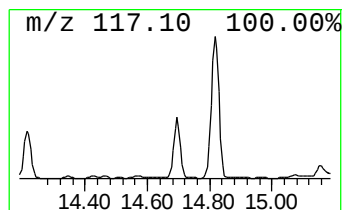
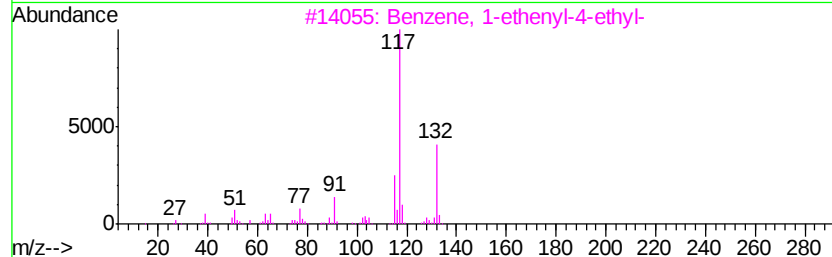
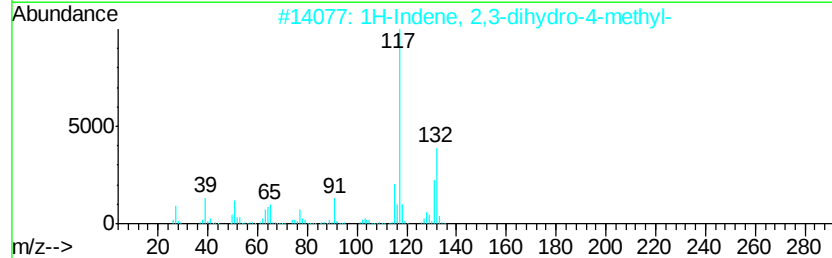
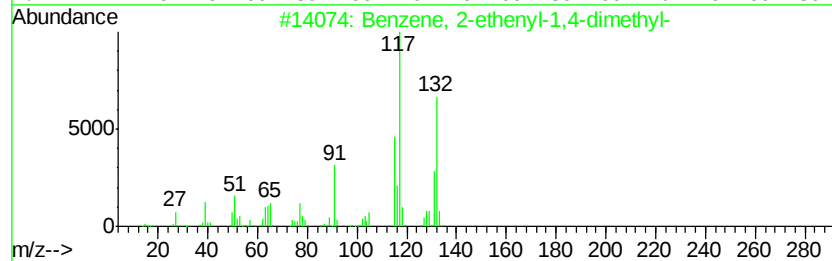
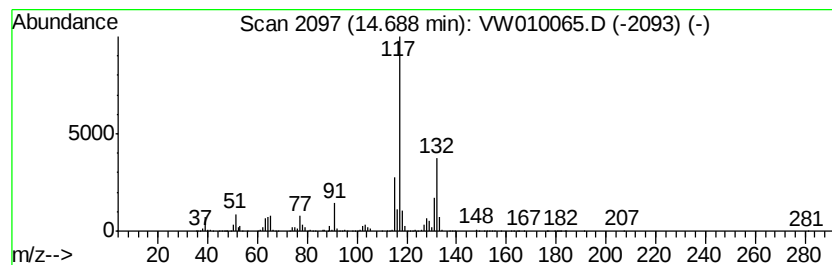
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	23.50 ug/L	21439200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

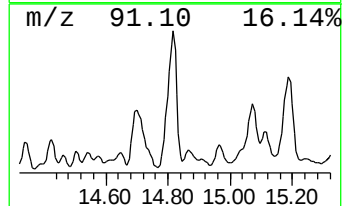
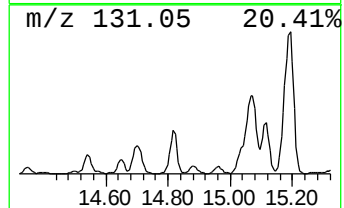
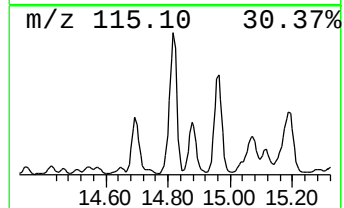
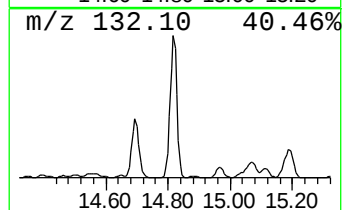
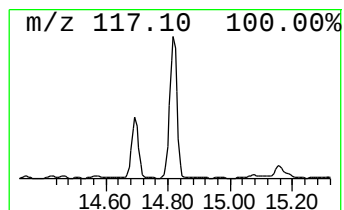
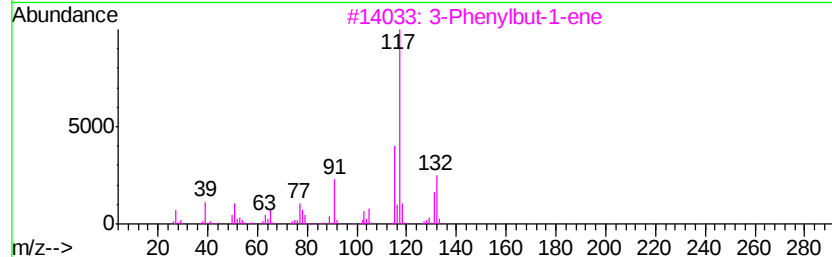
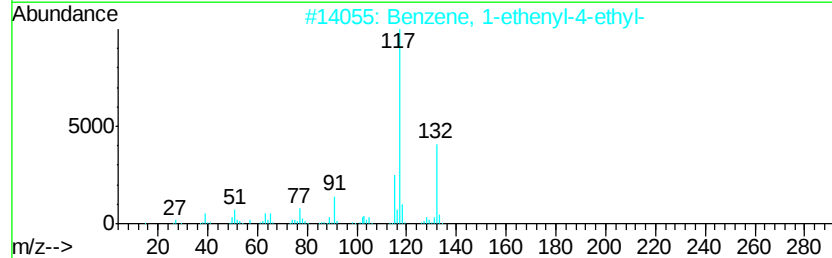
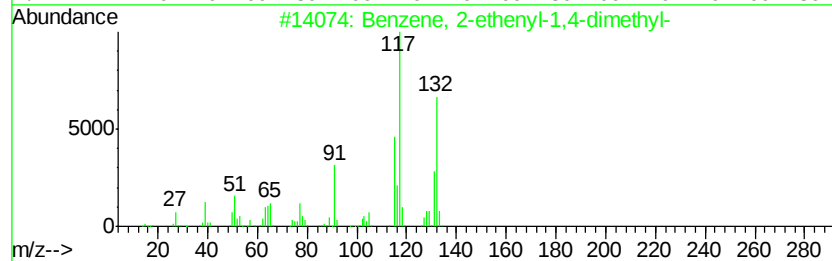
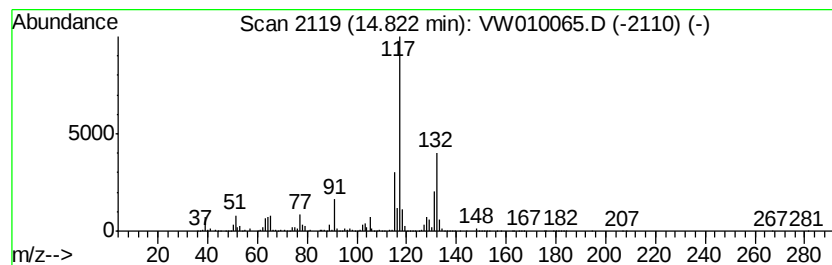
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	73.52 ug/L	67068700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

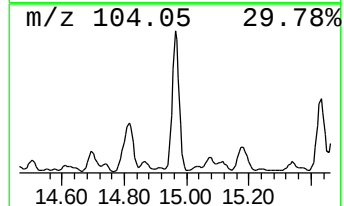
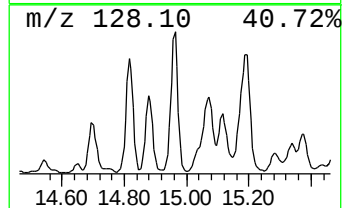
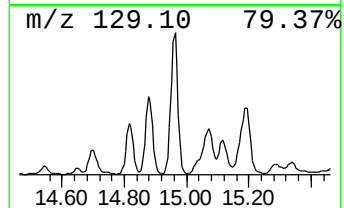
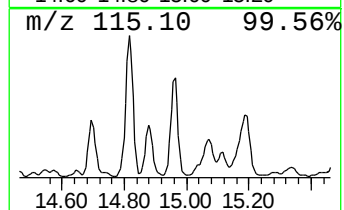
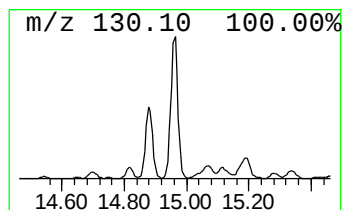
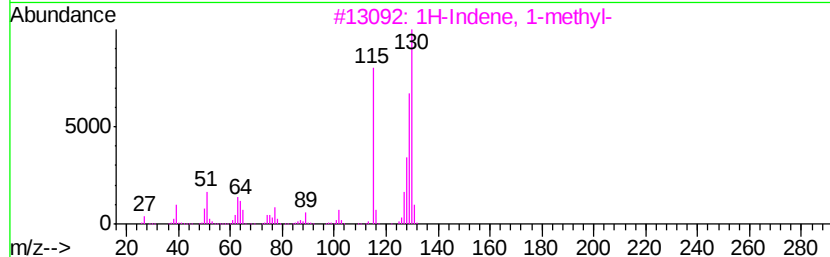
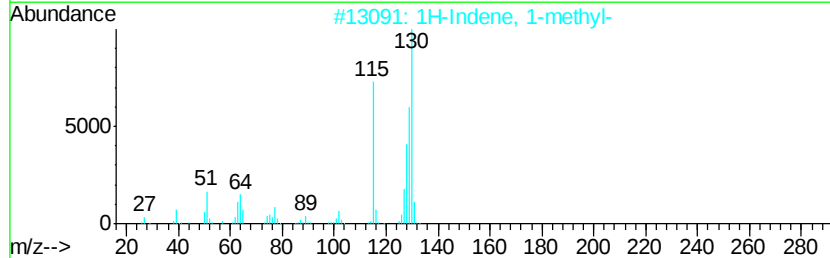
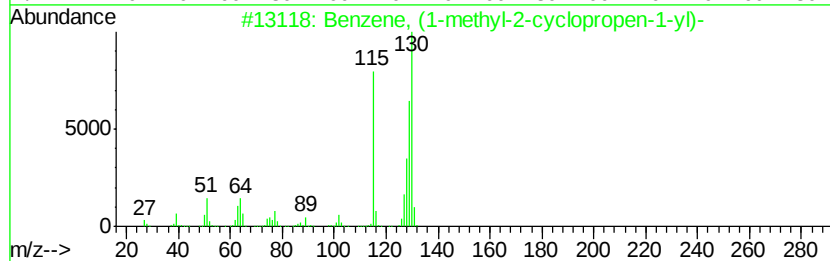
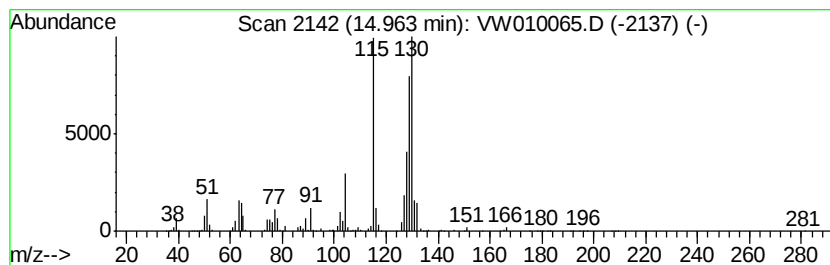
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	18.82 ug/L	17167000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		2-Methylindene	130	C10H10	002177-47-1	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

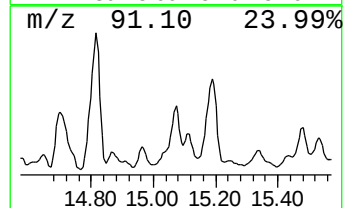
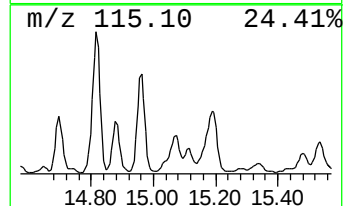
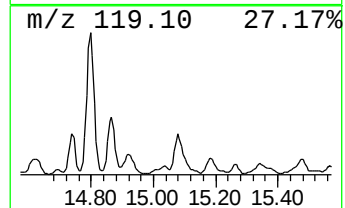
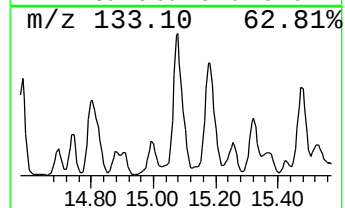
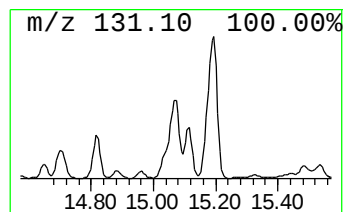
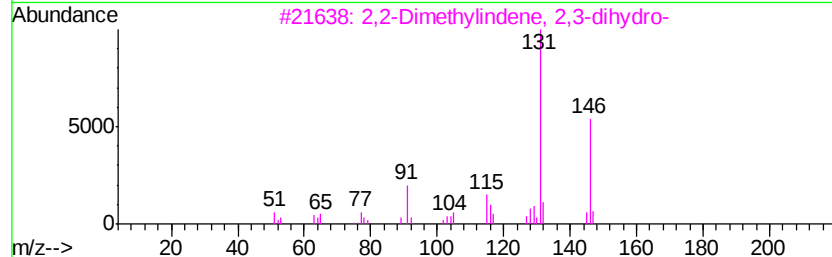
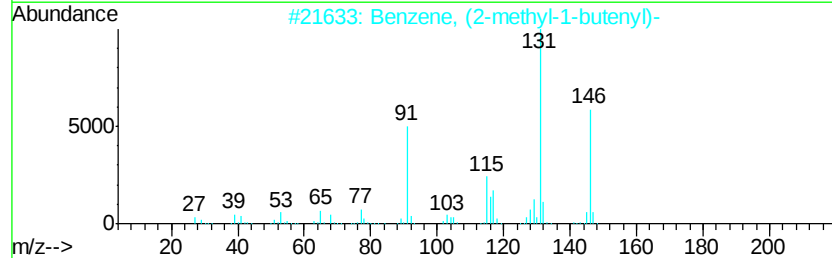
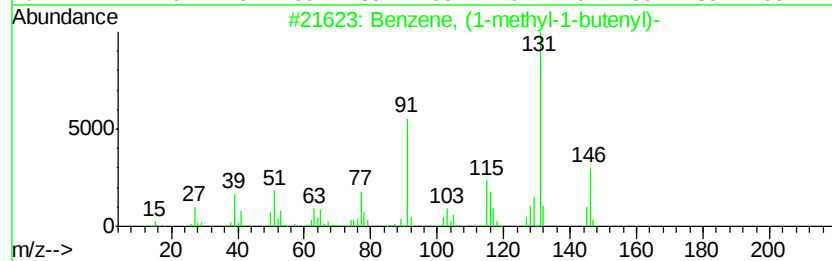
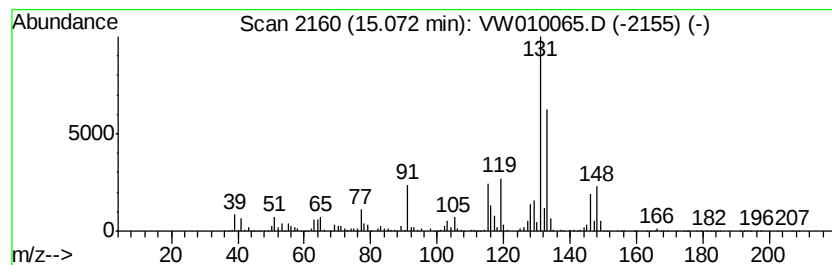
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	17.99 ug/L	16409700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
5		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

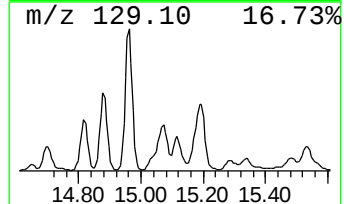
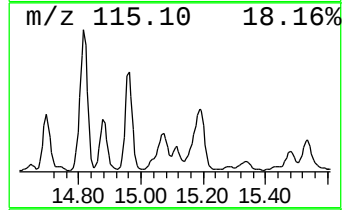
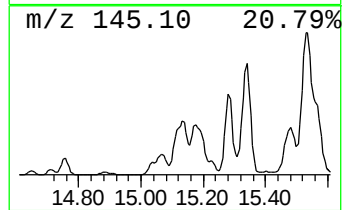
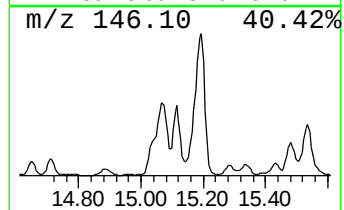
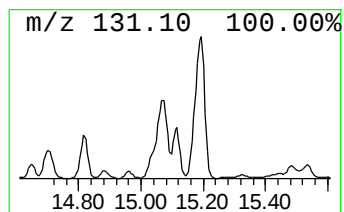
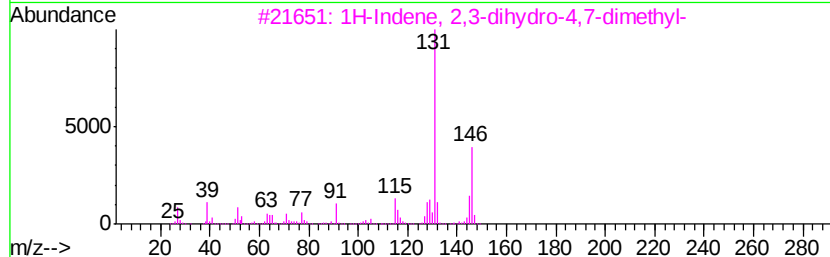
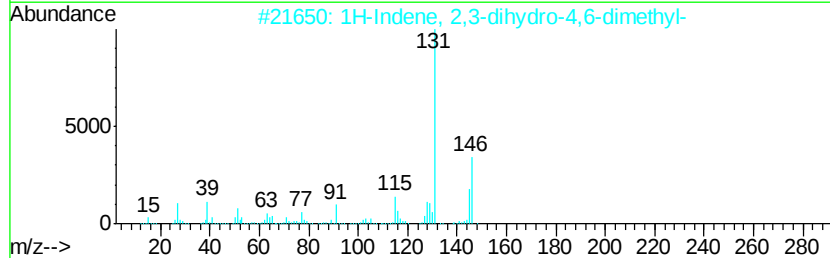
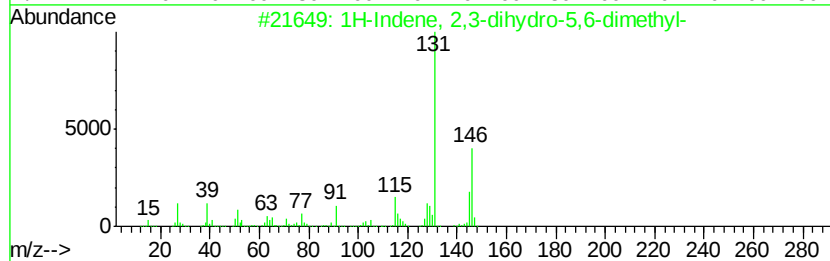
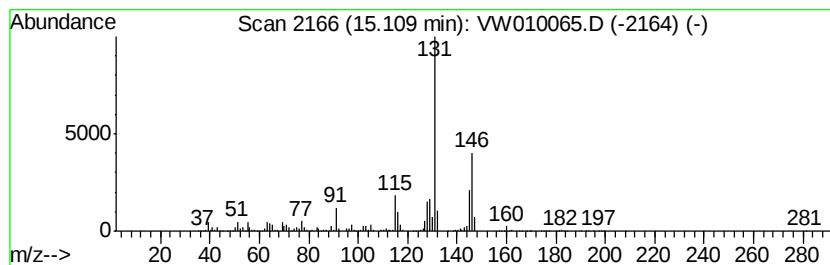
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Quant Title : VOC Analysis

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

Peak Number 35 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	6.07 ug/L	5538780	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

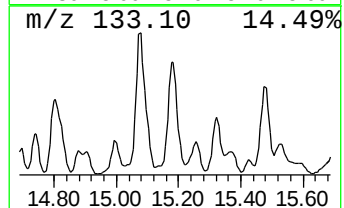
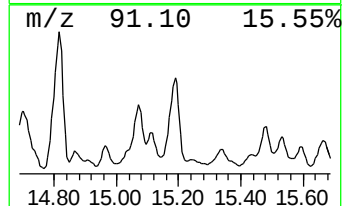
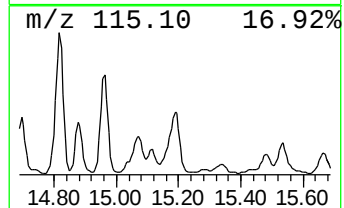
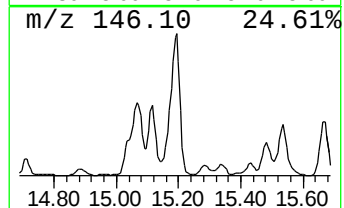
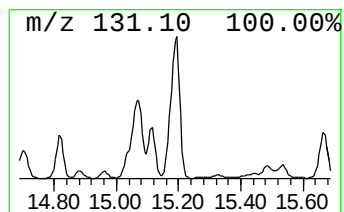
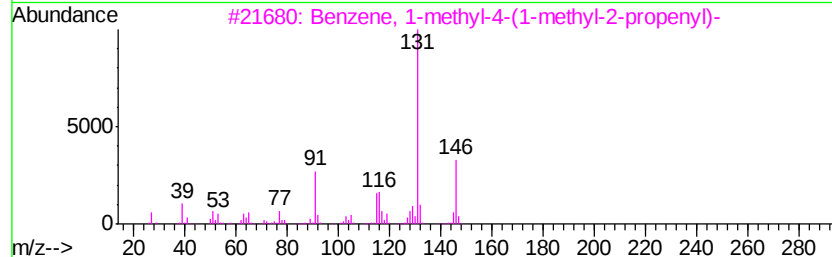
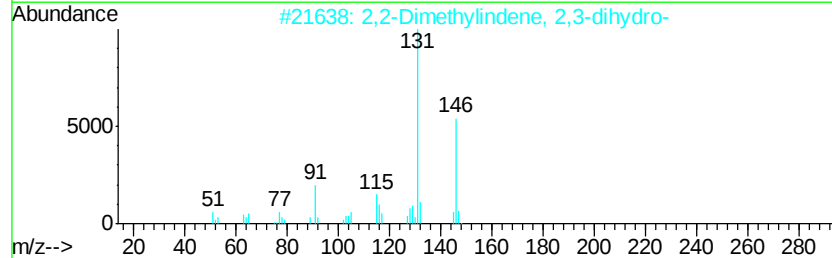
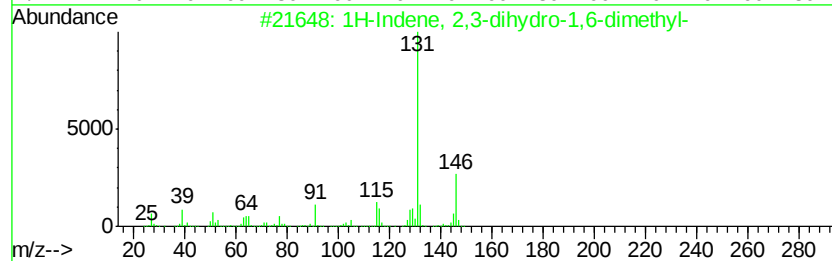
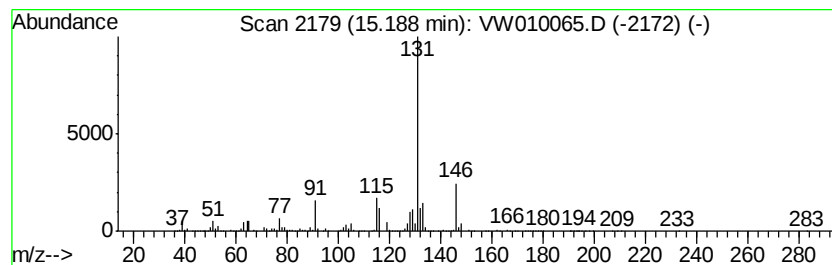
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Quant Title : VOC Analysis

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

Peak Number 36 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	39.24 ug/L	35795200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

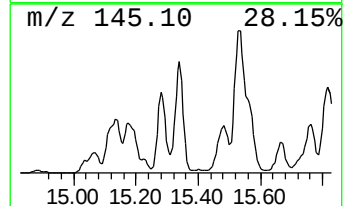
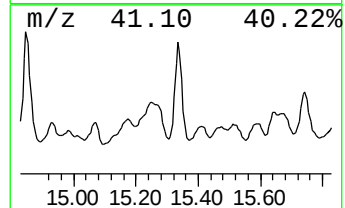
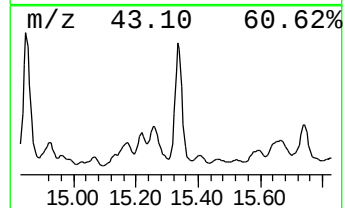
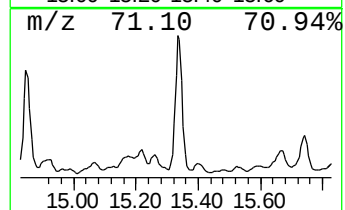
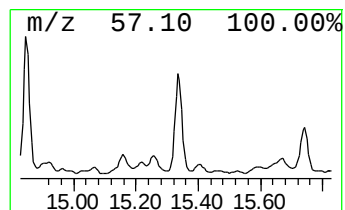
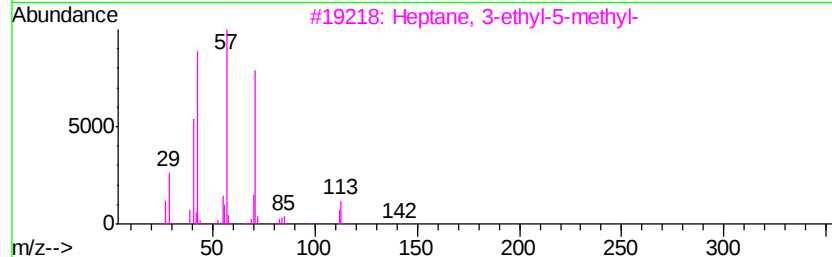
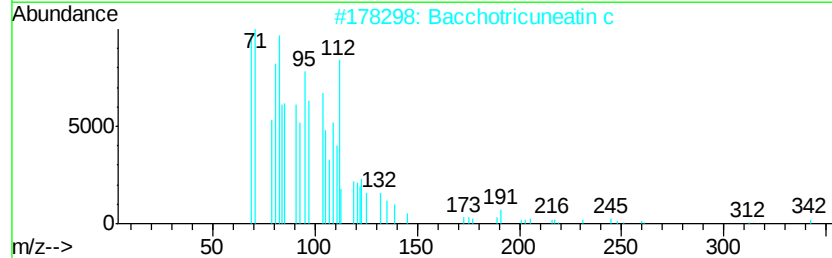
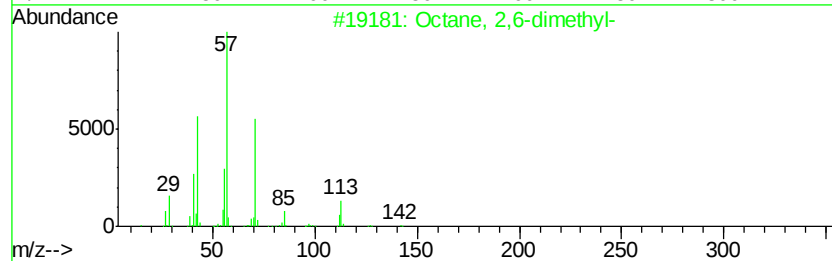
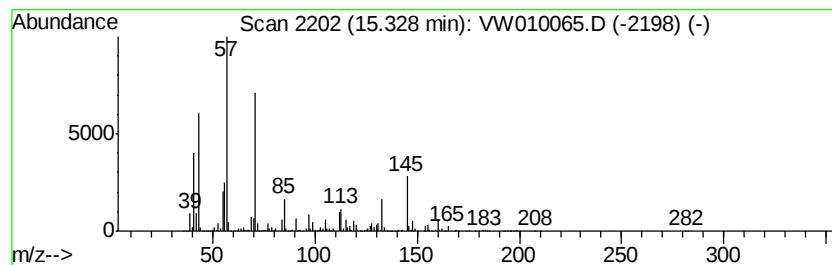
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	23.03 ug/L	21006400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	62
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5		Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

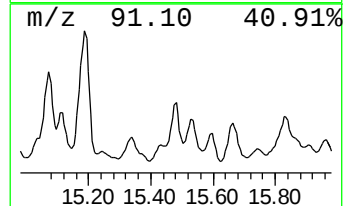
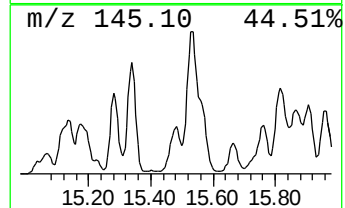
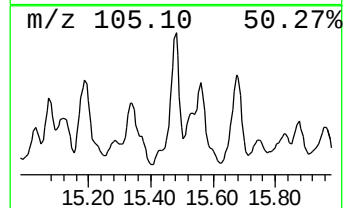
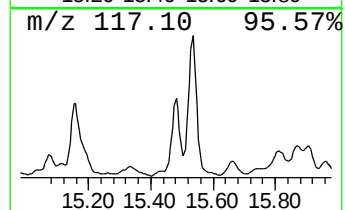
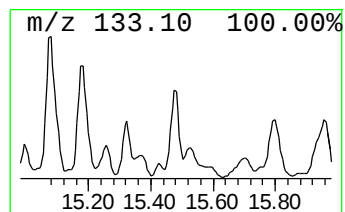
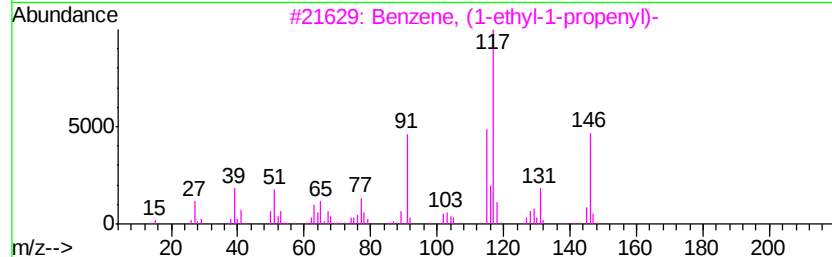
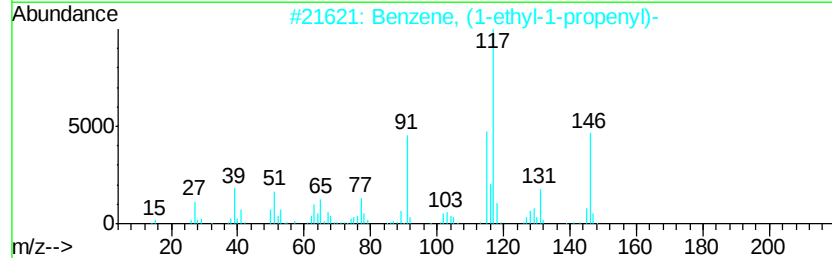
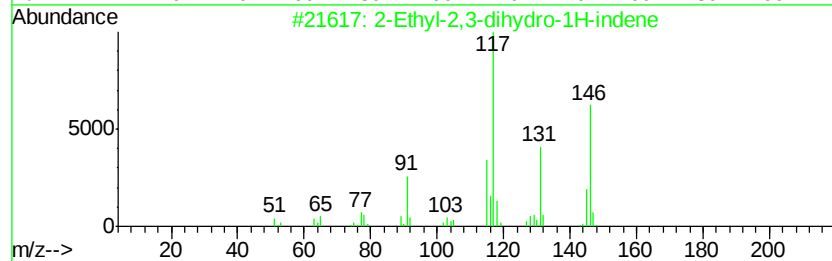
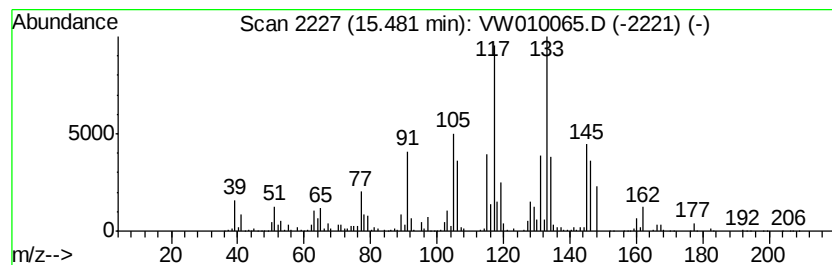
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Quant Title : VOC Analysis

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

Peak Number 38 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	14.82 ug/L	13518300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	45
2		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
3		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5		1,3,5,7-Cyclooctatetraene, 1-(me...	148	C10H12O	030844-13-4	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

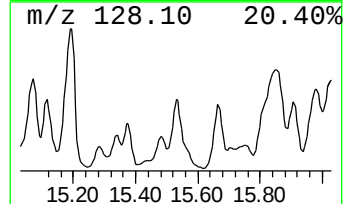
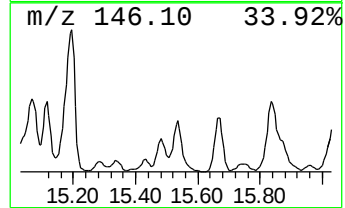
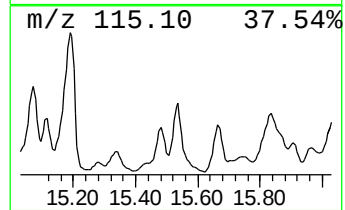
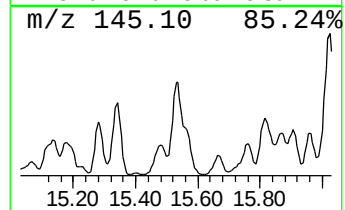
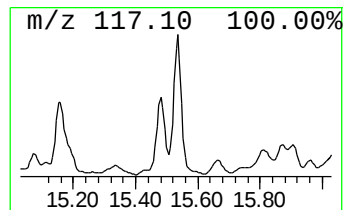
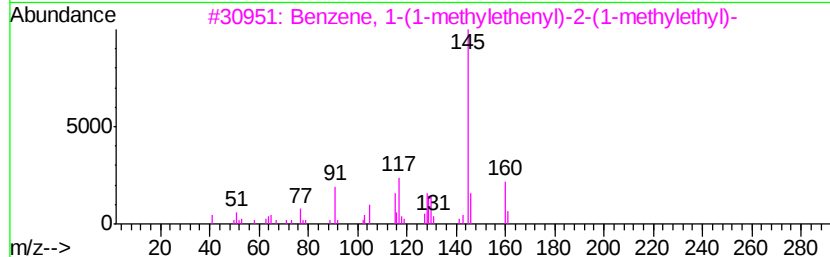
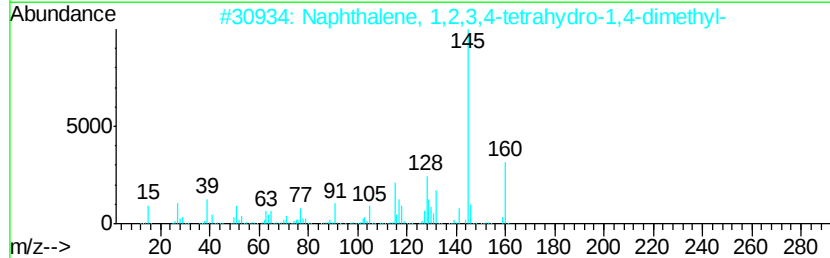
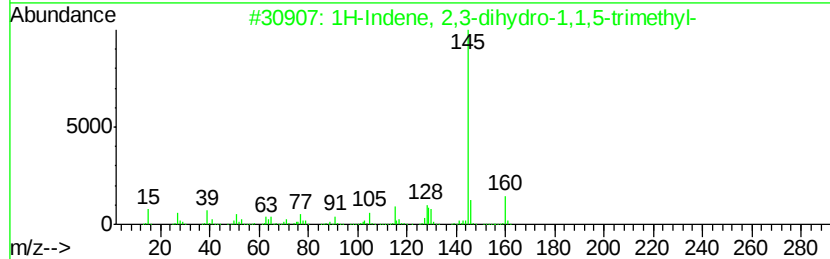
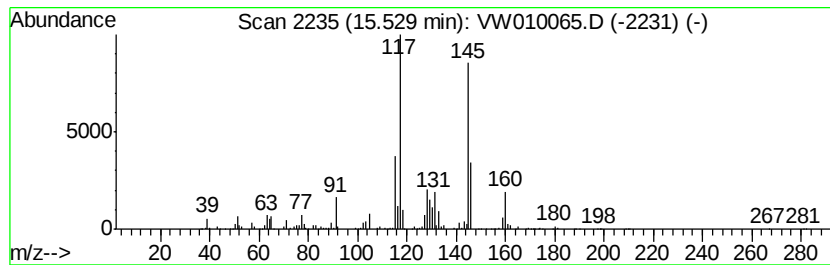
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Quant Title : VOC Analysis

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

Peak Number 39 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	12.75 ug/L	11632400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	46
4		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	43
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

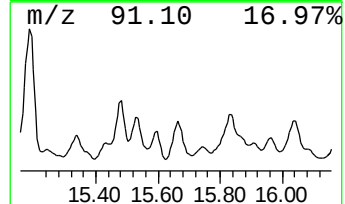
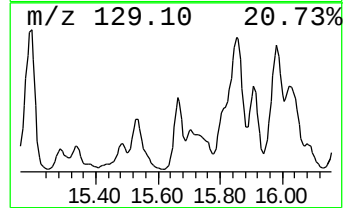
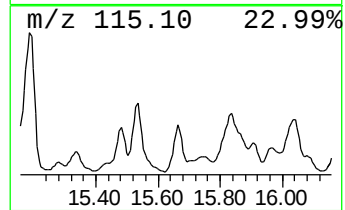
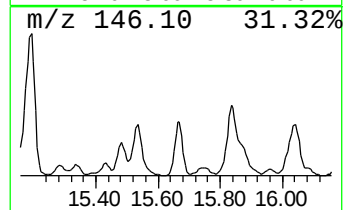
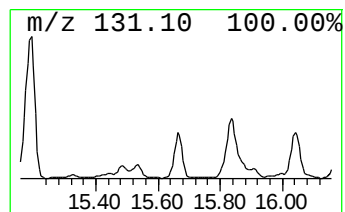
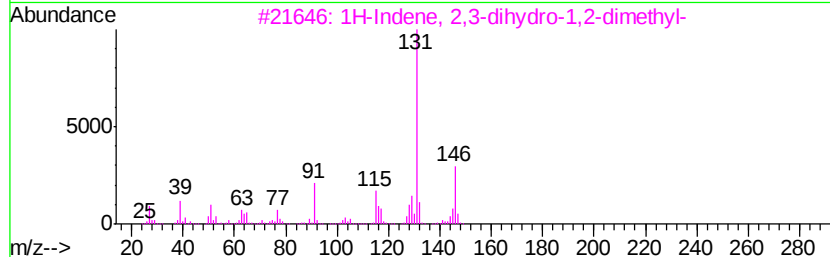
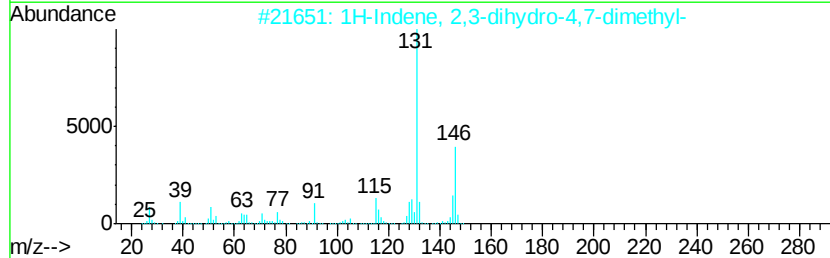
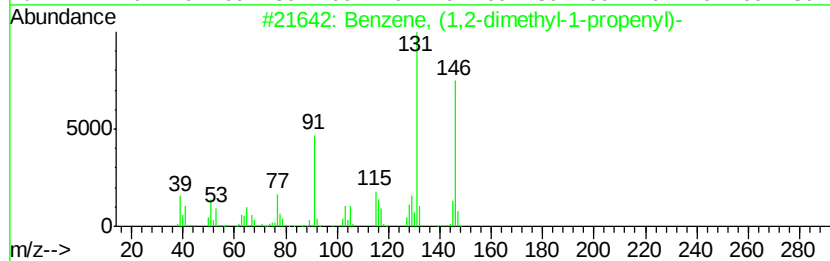
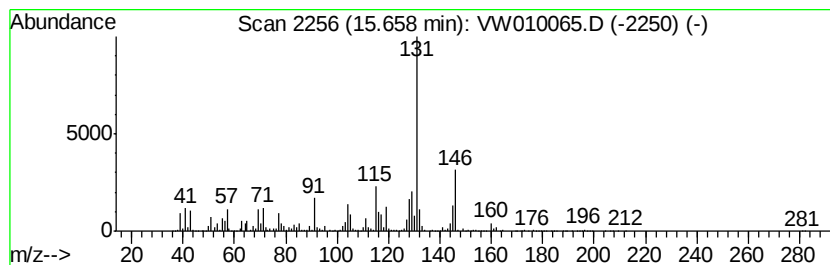
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, (1,2-dimethyl-1-propenyl) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	25.69 ug/L	23439100	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

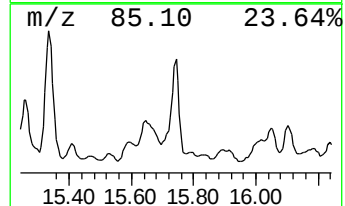
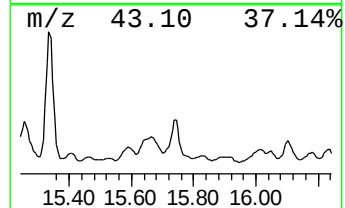
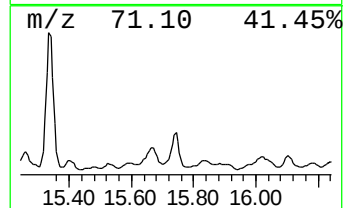
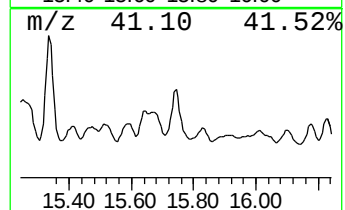
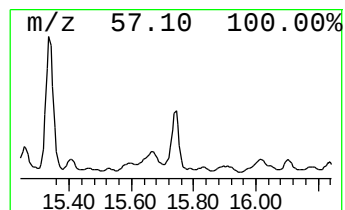
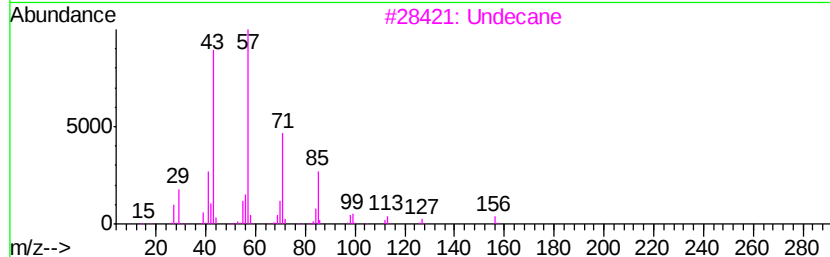
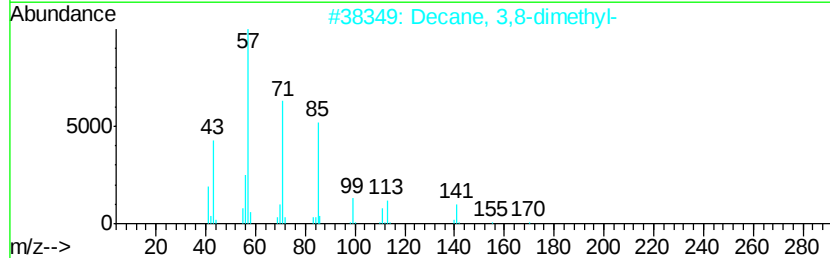
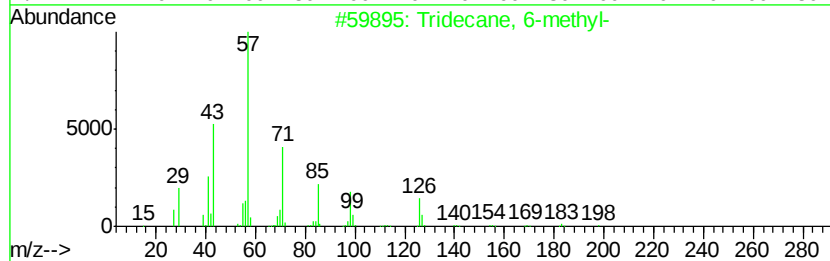
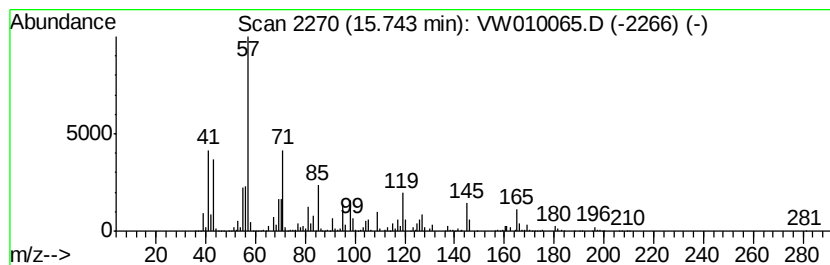
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	10.54 ug/L	9611900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	55
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
3		Undecane	156	C11H24	001120-21-4	43
4		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	43
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHR5

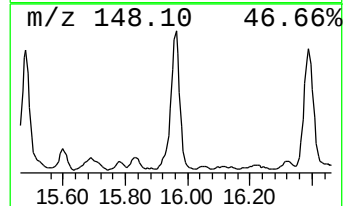
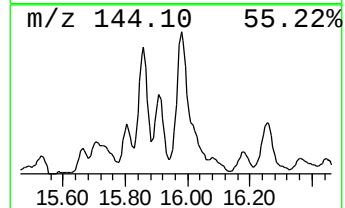
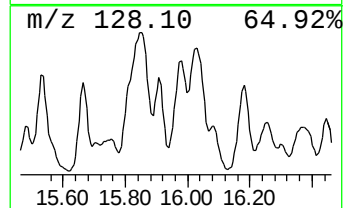
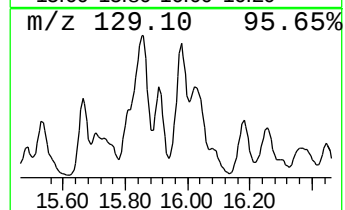
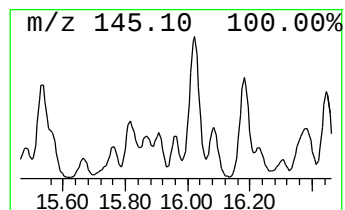
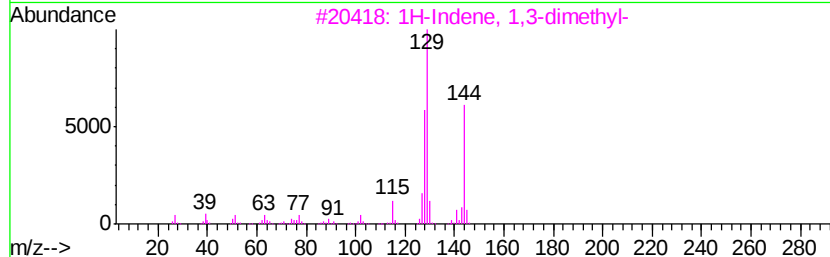
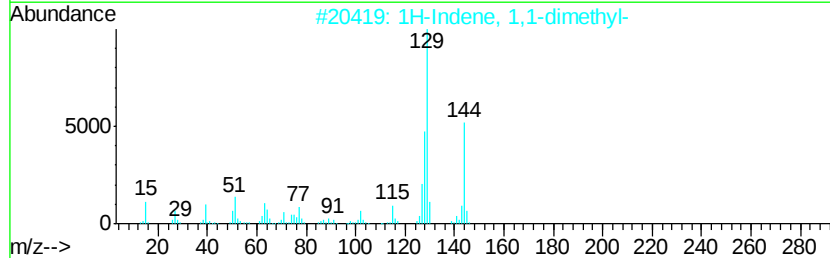
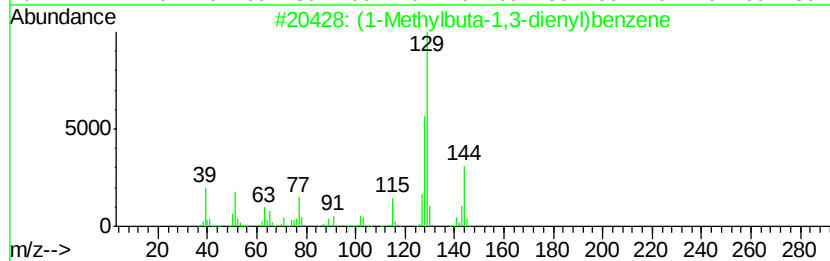
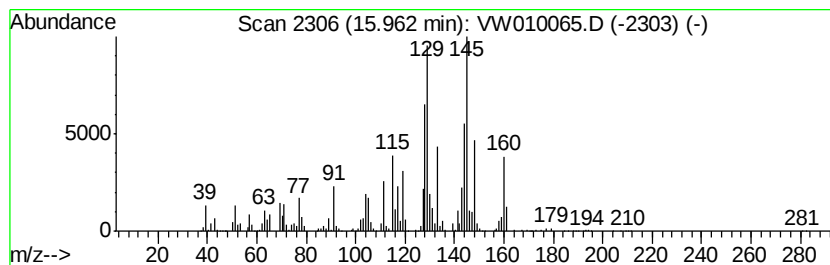
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Quant Title : VOC Analysis

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

Peak Number 43 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.92 ug/L	4487240	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	43
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	41
3		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	38
4		Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	38
5		Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

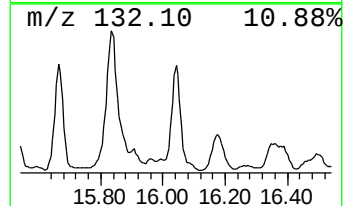
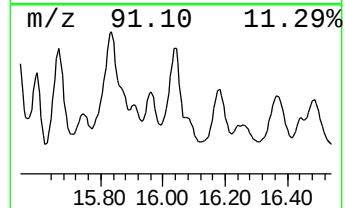
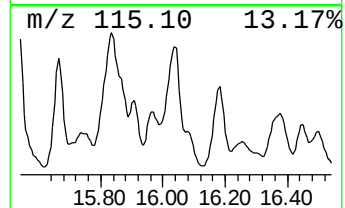
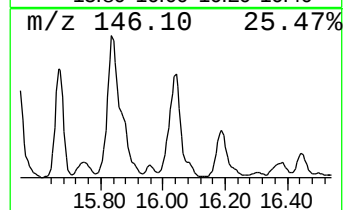
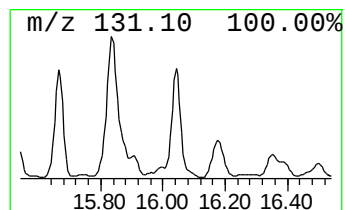
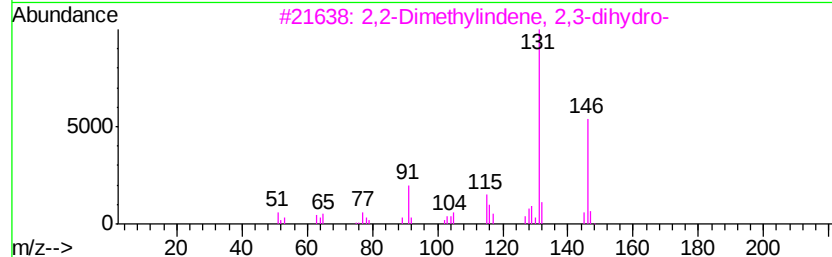
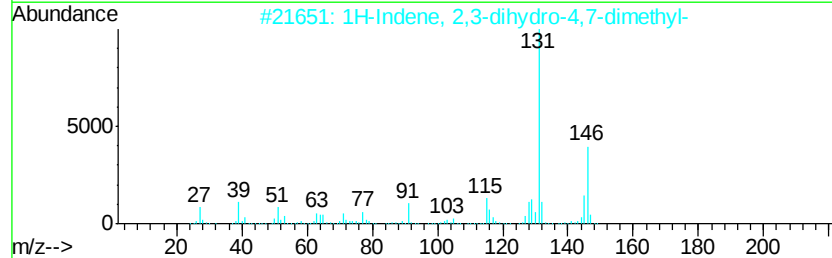
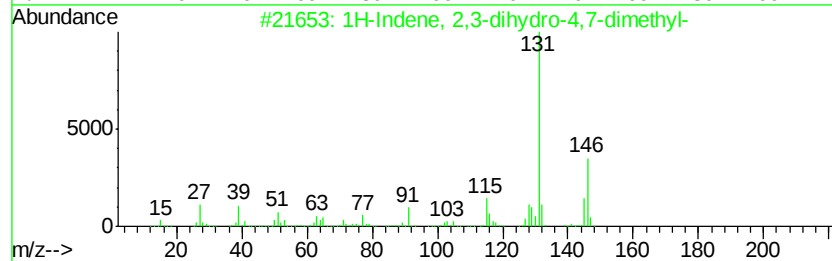
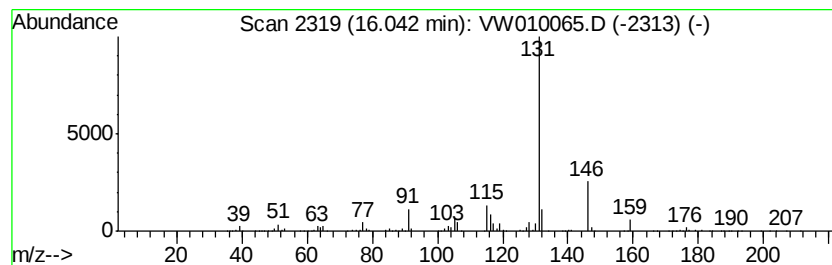
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 44 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	14.24 ug/L	12990600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

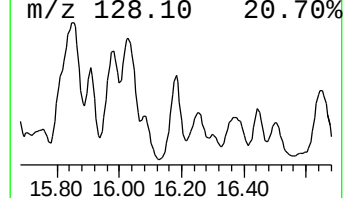
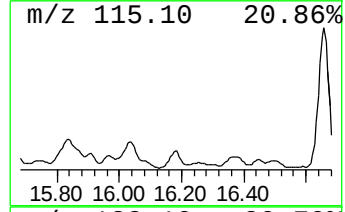
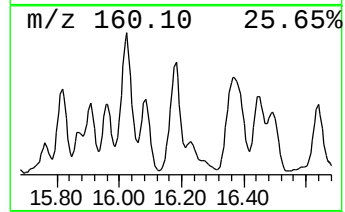
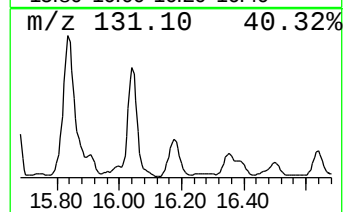
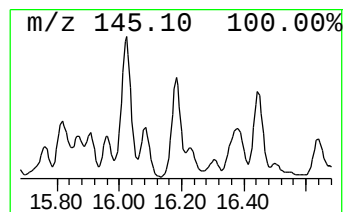
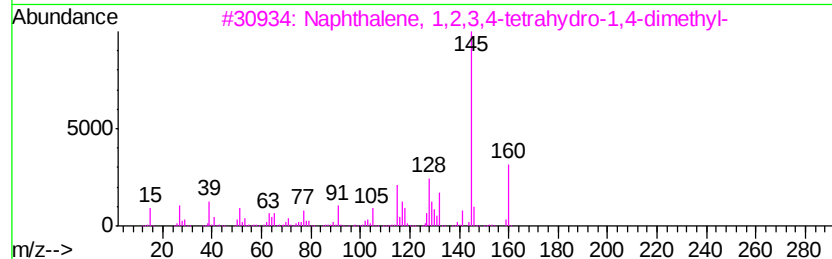
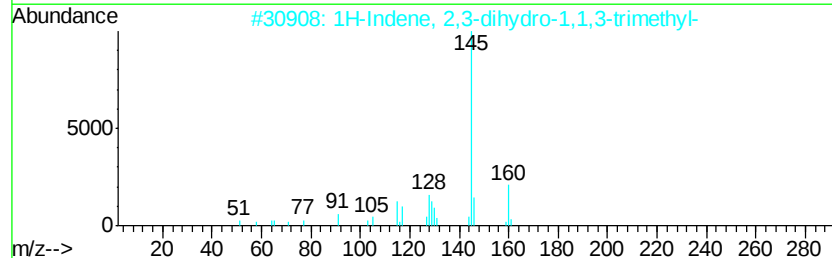
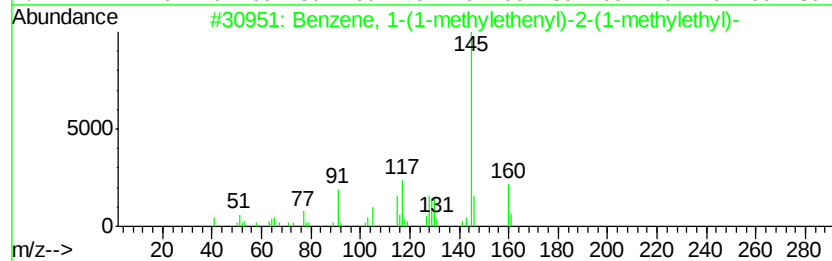
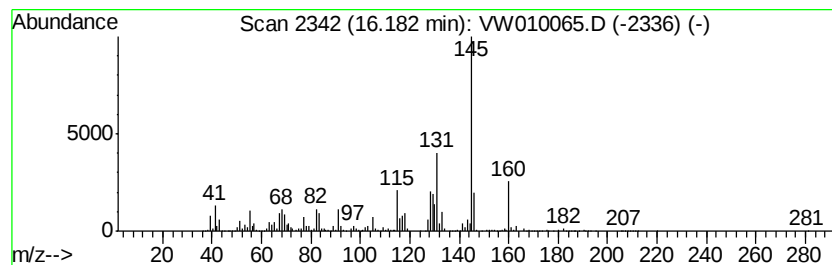
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 1-(1-methylethenyl)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	14.01 ug/L	12782600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	81
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
5		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

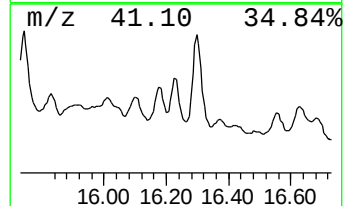
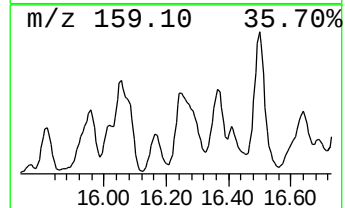
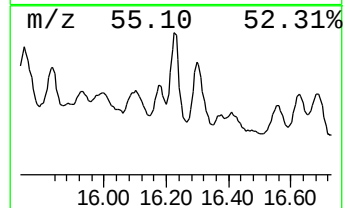
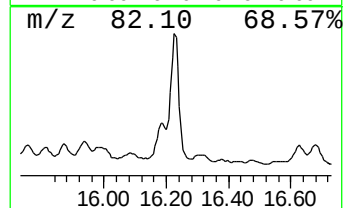
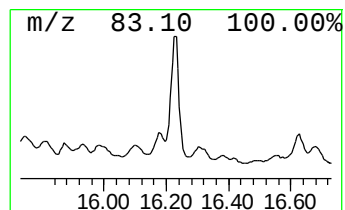
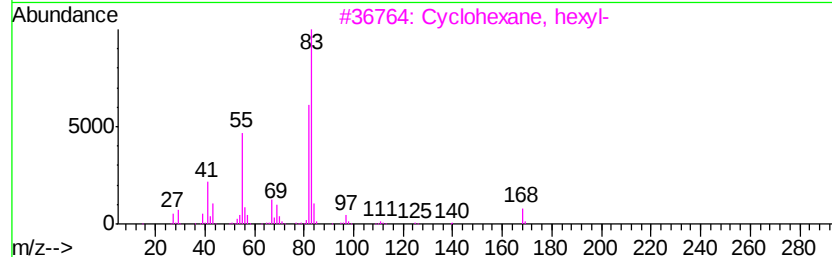
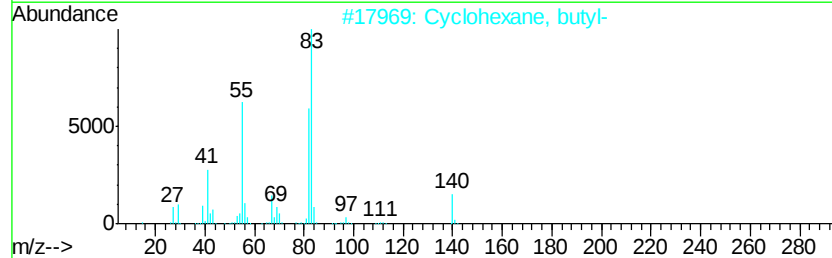
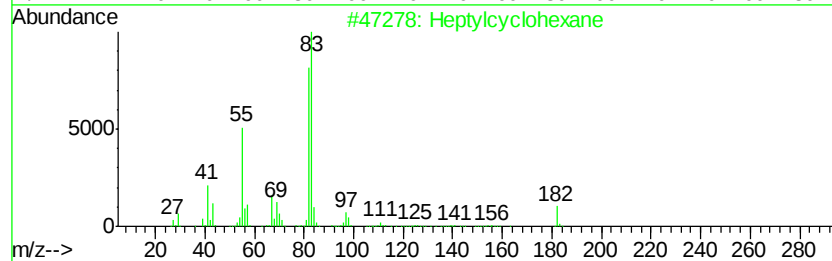
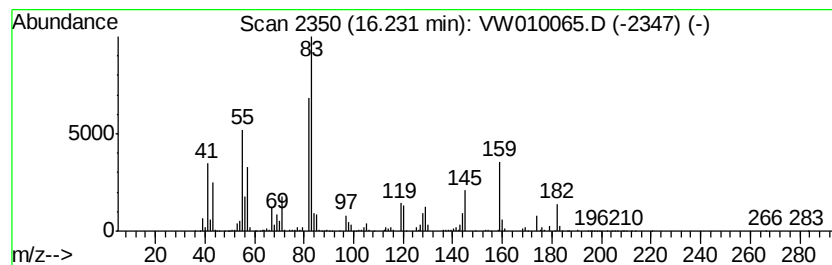
Instrument :
MSVOA_W
ClientSampleId :
GAHR5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 46 (DEL) Alkane: Cyclic16.23 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.23	6.88 ug/L	6274750	1,4-Dichlorobenzene-d4		13.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	60
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	46
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	43
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHR5

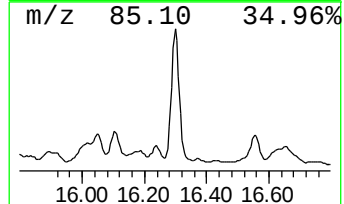
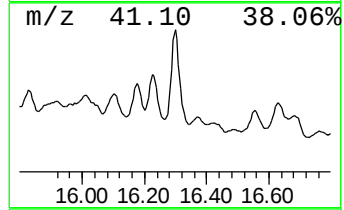
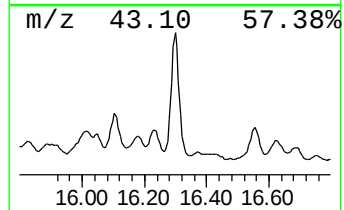
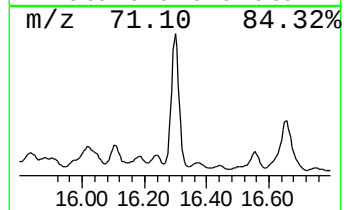
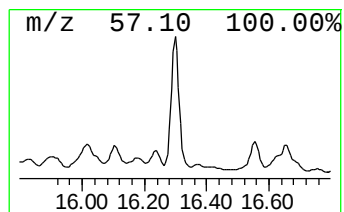
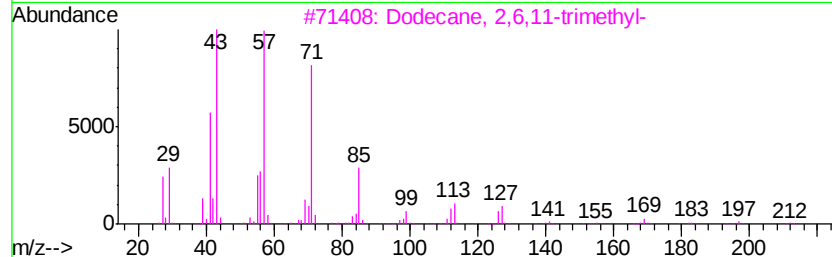
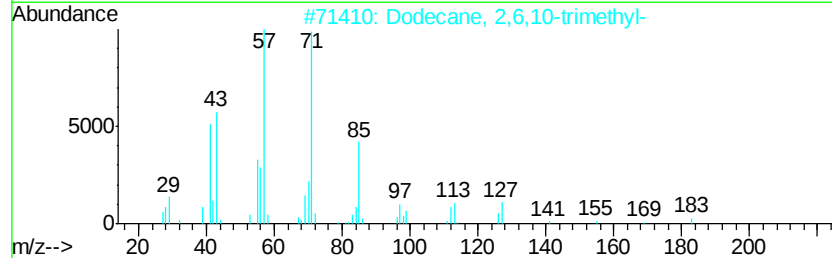
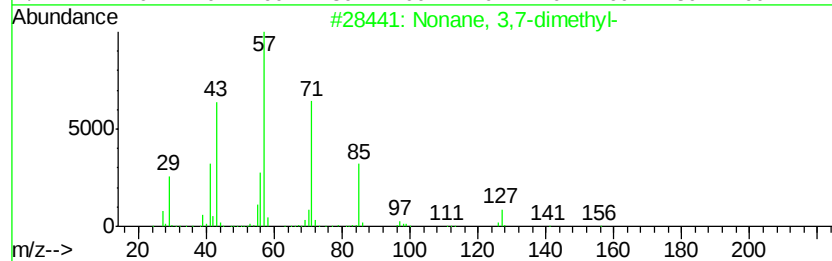
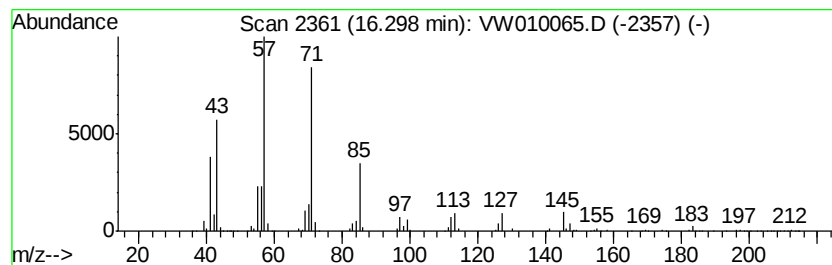
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	10.01 ug/L	9133190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
 Data File : VW010065.D
 Acq On : 19 Apr 2019 14:21
 Operator : SY/VA
 Sample : K2455-15
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	11.44	3.2	ug/L	251877	2	11.63	1980570	25.0
cis-Bicyclo[3.3.0...	11.55	1.4	ug/L	111350	2	11.63	1980570	25.0
2,6-Dimethylbicyc...	12.04	1.5	ug/L	114957	2	11.63	1980570	25.0
(DEL) Alkane: Str...	12.26	6.8	ug/L	535412	2	11.63	1980570	25.0
Pentalene, octahy...	12.34	6.4	ug/L	507559	2	11.63	1980570	25.0
(DEL) Alkane: Str...	12.54	3.1	ug/L	245317	2	11.63	1980570	25.0
Benzene, 1-ethyl-...	13.10	17.7	ug/L	16183900	3	13.56	22805700	25.0
(DEL) Alkane: Str...	13.17	2.3	ug/L	2057540	3	13.56	22805700	25.0
Benzene, 1-methyl...	13.44	2.4	ug/L	2200450	3	13.56	22805700	25.0
o-Cymene	13.50	4.7	ug/L	4287400	3	13.56	22805700	25.0
(DEL) Alkane: Str...	13.63	1.5	ug/L	1334140	3	13.56	22805700	25.0
Benzene, 1,3-diet...	13.72	4.5	ug/L	4093620	3	13.56	22805700	25.0
Indane	13.76	55.8	ug/L	50862000	3	13.56	22805700	25.0
Benzene, 1-methyl...	13.80	2.1	ug/L	1965160	3	13.56	22805700	25.0
Benzene, 1-methyl...	13.95	4.1	ug/L	3754040	3	13.56	22805700	25.0
Benzene, 2-ethyl-...	14.02	3.4	ug/L	3106790	3	13.56	22805700	25.0
Benzene, 4-ethyl-...	14.10	14.1	ug/L	12814700	3	13.56	22805700	25.0
(DEL) Alkane: Str...	14.14	3.5	ug/L	3202540	3	13.56	22805700	25.0
Benzene, (2-methy...	14.21	16.7	ug/L	15256200	3	13.56	22805700	25.0
Cyclohexaneethano...	14.27	2.1	ug/L	1920520	3	13.56	22805700	25.0
(DEL) Alkane: Cyc...	14.40	8.8	ug/L	7996700	3	13.56	22805700	25.0
Benzene, 1,2,4,5-...	14.43	11.0	ug/L	10065700	3	13.56	22805700	25.0
Benzene, 1,3-diet...	14.51	5.9	ug/L	5404420	3	13.56	22805700	25.0
1-Methyldecahydro...	14.55	8.9	ug/L	8141780	3	13.56	22805700	25.0
Benzene, 2-etheny...	14.69	23.5	ug/L	21439200	3	13.56	22805700	25.0
Benzene, 1-etheny...	14.82	73.5	ug/L	67068700	3	13.56	22805700	25.0
Benzene, (1-methy...	14.96	18.8	ug/L	17167000	3	13.56	22805700	25.0
Benzene, (1-methy...	15.07	18.0	ug/L	16409700	3	13.56	22805700	25.0
1H-Indene, 2,3-di...	15.11	6.1	ug/L	5538780	3	13.56	22805700	25.0
1H-Indene, 2,3-di...	15.19	39.2	ug/L	35795200	3	13.56	22805700	25.0
(DEL) Alkane: Str...	15.33	23.0	ug/L	21006400	3	13.56	22805700	25.0
unknown-01	15.48	14.8	ug/L	13518300	3	13.56	22805700	25.0
1H-Indene, 2,3-di...	15.53	12.8	ug/L	11632400	3	13.56	22805700	25.0
Benzene, (1,2-dim...	15.66	25.7	ug/L	23439100	3	13.56	22805700	25.0
(DEL) Alkane: Str...	15.74	10.5	ug/L	9611900	3	13.56	22805700	25.0
unknown-02	15.96	4.9	ug/L	4487240	3	13.56	22805700	25.0
1H-Indene, 2,3-di...	16.04	14.2	ug/L	12990600	3	13.56	22805700	25.0
Benzene, 1-(1-met...	16.18	14.0	ug/L	12782600	3	13.56	22805700	25.0
(DEL) Alkane: Cyc...	16.23	6.9	ug/L	6274750	3	13.56	22805700	25.0
(DEL) Alkane: Str...	16.30	10.0	ug/L	9133190	3	13.56	22805700	25.0