

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
 Data File : VW017483.D
 Acq On : 24 Nov 2020 19:29
 Operator : SY/VA
 Sample : L4853-03RE
 Misc : 4.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD2RE

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\SOM2WLM112420S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	86	rVB	129447	252824	12.72%	1.050%
2	2.898	155	163	177	rVB	101462	233567	11.76%	0.970%
3	3.208	212	214	220	rVB5	781	1160	0.06%	0.005%
4	3.385	241	243	246	rBV3	626	960	0.05%	0.004%
5	3.434	249	251	253	rVB3	665	626	0.03%	0.003%
6	3.562	269	272	273	rBV3	578	734	0.04%	0.003%
7	3.733	298	300	304	rVB3	813	969	0.05%	0.004%
8	3.769	304	306	307	rBV	772	668	0.03%	0.003%
9	4.025	334	348	361	rBV2	229303	702968	35.38%	2.920%
10	4.135	364	366	373	rVB2	5400	9879	0.50%	0.041%
11	4.275	387	389	392	rVB	1207	862	0.04%	0.004%
12	4.391	401	408	410	rBV4	2074	4421	0.22%	0.018%
13	4.922	484	495	512	rVB4	13831	51077	2.57%	0.212%
14	5.196	538	540	541	rBV2	803	736	0.04%	0.003%
15	5.458	578	583	586	rBV3	567	804	0.04%	0.003%
16	5.525	588	594	596	rBV3	634	813	0.04%	0.003%
17	5.946	654	663	671	rBV5	4693	13615	0.69%	0.057%
18	6.696	782	786	790	rBV3	419	762	0.04%	0.003%
19	6.921	820	823	825	rBV4	690	816	0.04%	0.003%
20	6.946	825	827	833	rVB5	590	1023	0.05%	0.004%
21	7.086	841	850	854	rBV2	37942	106282	5.35%	0.442%
22	7.555	924	927	928	rVV3	748	757	0.04%	0.003%
23	7.653	932	943	956	rBV	308275	761605	38.33%	3.164%
24	7.744	956	958	960	rVV3	787	982	0.05%	0.004%
25	7.787	963	965	968	rVB3	832	774	0.04%	0.003%
26	7.964	987	994	998	rVB3	1546	2874	0.14%	0.012%
27	8.281	1033	1046	1060	rBV2	617448	1803880	90.79%	7.494%
28	8.445	1070	1073	1077	rVB3	1133	1825	0.09%	0.008%
29	8.592	1096	1097	1101	rVB2	779	772	0.04%	0.003%
30	8.689	1109	1113	1119	rBV6	1143	2412	0.12%	0.010%
31	8.738	1119	1121	1123	rVB2	768	639	0.03%	0.003%
32	8.781	1123	1128	1129	rBV3	576	655	0.03%	0.003%
33	8.842	1129	1138	1149	rBV	578932	1169794	58.87%	4.860%
34	8.945	1153	1155	1156	rVV2	1316	1047	0.05%	0.004%

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Instrument :
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 ClientSampleId :
 C0AD2RE

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\SOM2WLM112420S.M
 Title : VOC Analysis

35	8.964	1156	1158	1159	rVV2	996	675	0.03%	0.003%
36	8.988	1159	1162	1164	rVB3	619	644	0.03%	0.003%
37	9.067	1169	1175	1176	rBV5	1151	1455	0.07%	0.006%
38	9.177	1192	1193	1198	rVB2	688	887	0.04%	0.004%
39	9.274	1198	1209	1227	rBV	385402	805800	40.55%	3.347%
40	9.409	1229	1231	1235	rVB3	794	912	0.05%	0.004%
41	9.604	1260	1263	1264	rBV2	695	992	0.05%	0.004%
42	9.659	1268	1272	1273	rBV4	819	1048	0.05%	0.004%
43	9.750	1282	1287	1294	rVB7	2249	5229	0.26%	0.022%
44	9.896	1306	1311	1316	rBV4	2363	4739	0.24%	0.020%
45	10.037	1327	1334	1347	rBV	215890	382735	19.26%	1.590%
46	10.128	1347	1349	1353	rVB4	1242	1505	0.08%	0.006%
47	10.213	1357	1363	1364	rBV3	2734	4111	0.21%	0.017%
48	10.329	1373	1382	1389	rBV	754290	1362994	68.60%	5.662%
49	10.390	1389	1392	1399	rVB	13634	24337	1.22%	0.101%
50	10.579	1417	1423	1430	rBV	131371	225501	11.35%	0.937%
51	10.671	1434	1438	1441	rBV6	4530	7962	0.40%	0.033%
52	10.762	1449	1453	1458	rVB7	3370	7054	0.36%	0.029%
53	10.853	1463	1468	1473	rVB9	2637	6172	0.31%	0.026%
54	10.927	1473	1480	1495	rBV	133046	270097	13.59%	1.122%
55	11.067	1499	1503	1508	rVB2	10692	16087	0.81%	0.067%
56	11.116	1508	1511	1513	rBV4	3088	4065	0.20%	0.017%
57	11.231	1526	1530	1536	rVB3	14023	26705	1.34%	0.111%
58	11.286	1536	1539	1542	rBV4	2448	3179	0.16%	0.013%
59	11.329	1543	1546	1553	rVB7	6046	11200	0.56%	0.047%
60	11.384	1553	1555	1557	rBV3	1974	1640	0.08%	0.007%
61	11.439	1559	1564	1571	rVB3	20402	38657	1.95%	0.161%
62	11.506	1573	1575	1576	rBV2	2231	1594	0.08%	0.007%
63	11.634	1588	1596	1604	rBV	647919	1103064	55.52%	4.582%
64	11.731	1608	1612	1614	rVV3	7097	11683	0.59%	0.049%
65	11.768	1615	1618	1622	rVV3	12060	18668	0.94%	0.078%
66	11.835	1622	1629	1632	rVV7	12120	34487	1.74%	0.143%
67	11.872	1632	1635	1647	rVB6	17748	59794	3.01%	0.248%
68	11.975	1647	1652	1658	rBV5	8444	18405	0.93%	0.076%
69	12.036	1660	1662	1667	rVB3	6328	8179	0.41%	0.034%
70	12.146	1672	1680	1687	rBV7	26417	80643	4.06%	0.335%
71	12.347	1702	1713	1714	rBV4	39194	79448	4.00%	0.330%

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Instrument :
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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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 Title : VOC Analysis

72	12.609	1752	1756	1761	rVB3	27134	50120	2.52%	0.208%
73	12.695	1763	1770	1777	rBV	242788	434264	21.86%	1.804%
74	12.780	1780	1784	1791	rVB2	100121	175186	8.82%	0.728%
75	12.865	1793	1798	1802	rBV5	34162	71247	3.59%	0.296%
76	12.945	1806	1811	1824	rVB4	126387	303401	15.27%	1.260%
77	13.103	1830	1837	1843	rVB	81550	169665	8.54%	0.705%
78	13.255	1858	1862	1866	rBV	67895	112811	5.68%	0.469%
79	13.444	1889	1893	1897	rVB4	59606	91311	4.60%	0.379%
80	13.560	1907	1912	1920	rVB	384017	651026	32.76%	2.705%
81	13.701	1931	1935	1939	rBV4	61119	114995	5.79%	0.478%
82	13.755	1940	1944	1946	rVV2	130692	195883	9.86%	0.814%
83	13.792	1946	1950	1954	rVB	228058	349458	17.59%	1.452%
84	13.859	1955	1961	1969	rVB2	353773	845600	42.56%	3.513%
85	13.950	1973	1976	1980	rVB	74723	88317	4.44%	0.367%
86	14.011	1982	1986	1989	rBV	181480	290225	14.61%	1.206%
87	14.097	1996	2000	2007	rVB	269170	424743	21.38%	1.764%
88	14.207	2013	2018	2023	rBV2	280840	440687	22.18%	1.831%
89	14.341	2035	2040	2043	rBV2	139981	240331	12.10%	0.998%
90	14.383	2043	2047	2050	rVV3	200854	318617	16.04%	1.324%
91	14.420	2050	2053	2056	rVV	286522	449284	22.61%	1.866%
92	14.456	2056	2059	2063	rVV	407646	561999	28.28%	2.335%
93	14.499	2063	2066	2069	rVV	167821	236373	11.90%	0.982%
94	14.548	2070	2074	2081	rVB5	305140	576100	28.99%	2.393%
95	14.731	2102	2104	2109	rVB	210611	274753	13.83%	1.141%
96	14.792	2109	2114	2121	rBV2	844938	1986957	100.00%	8.254%
97	15.066	2154	2159	2163	rBV2	578011	1172873	59.03%	4.872%
98	15.176	2172	2177	2184	rVB3	696467	1537082	77.36%	6.385%
99	15.657	2252	2256	2264	rVB	396150	701513	35.31%	2.914%
100	16.639	2412	2417	2430	rVB4	508833	1441197	72.53%	5.987%

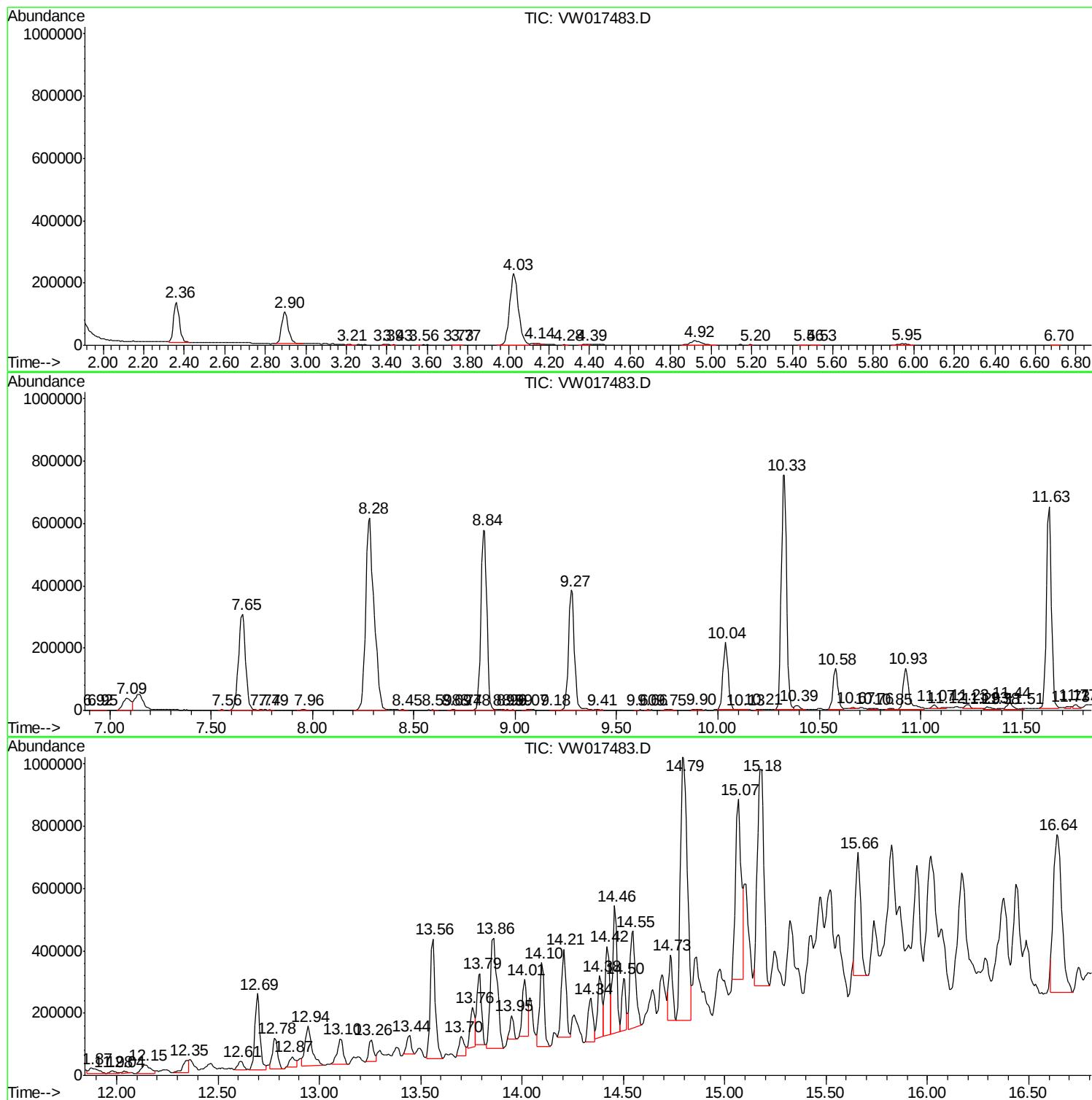
Sum of corrected areas: 24071947

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
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Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

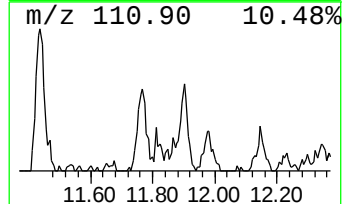
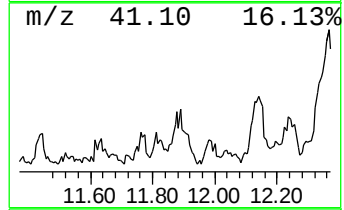
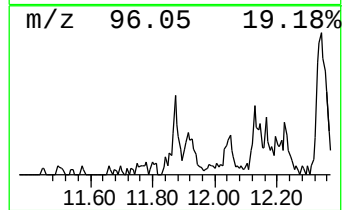
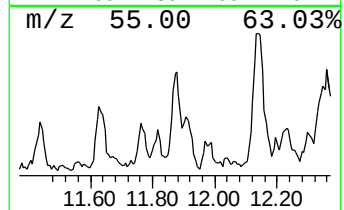
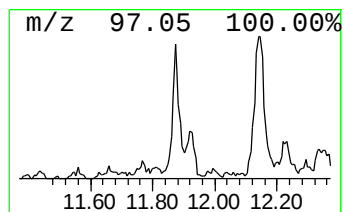
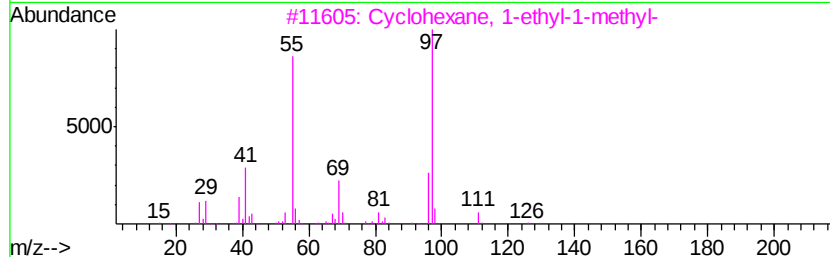
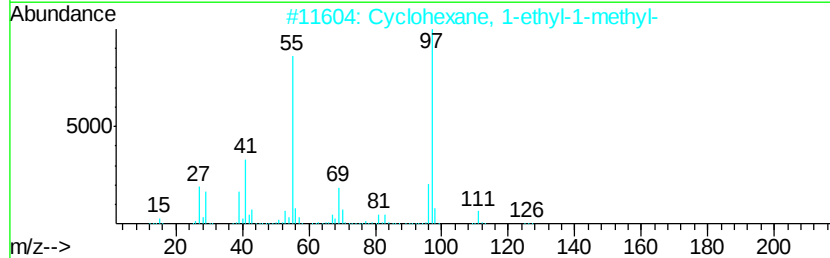
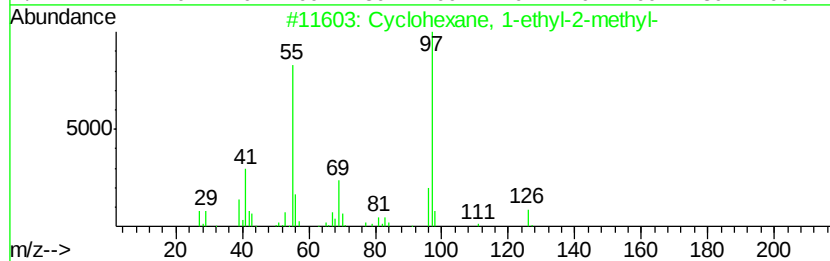
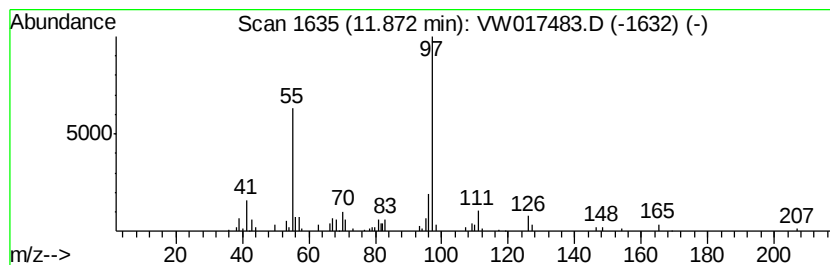
Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic11.87 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.87	1.36 ug/L	59794	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
4		3-Pentenoic acid, 2,2,4-trimethyl-	142	C8H14O2	004177-03-1	47
5		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	45



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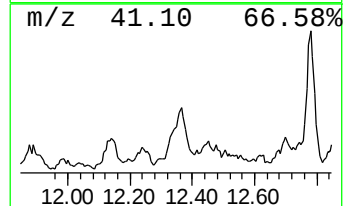
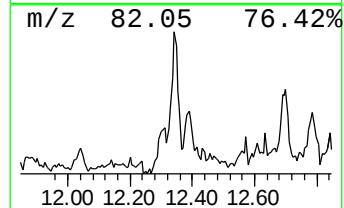
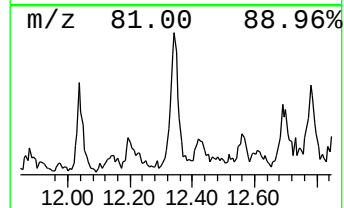
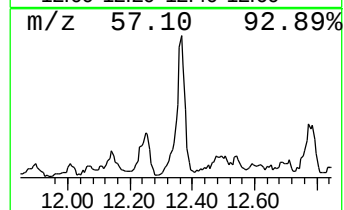
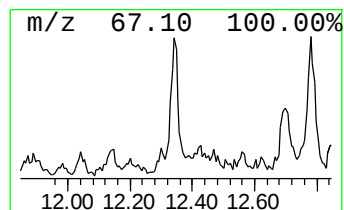
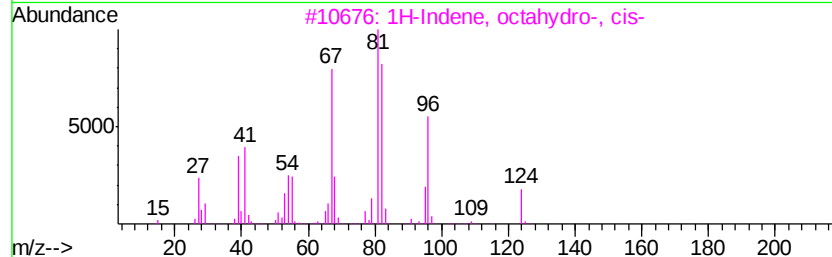
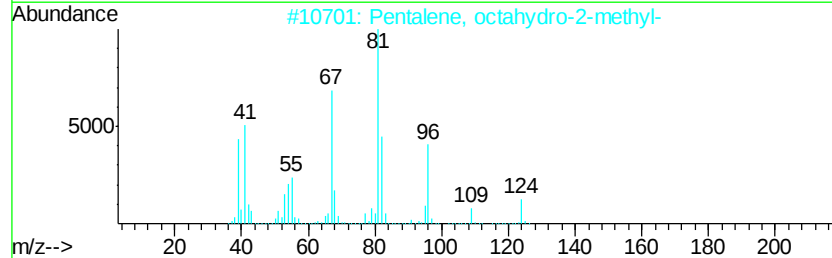
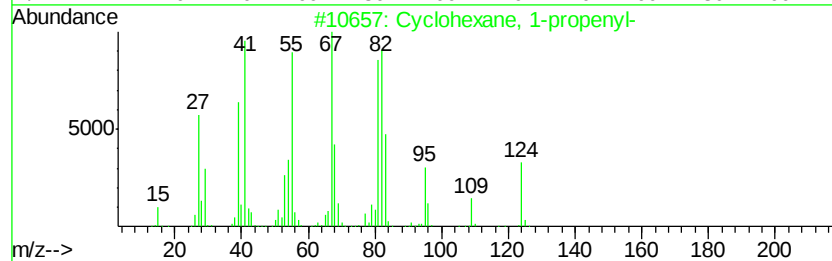
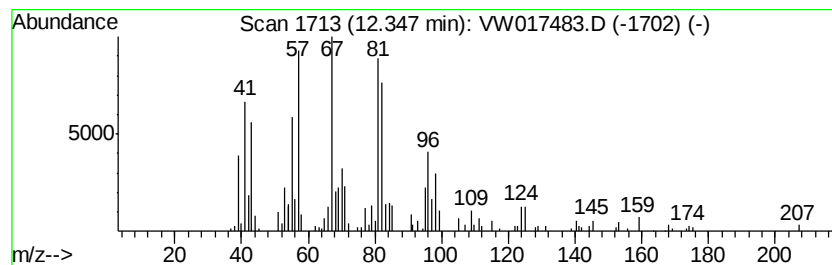
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

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

Peak Number 3 Cyclohexane, 1-propenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	1.80 ug/L	79448	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	81
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
3		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	58
4		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	55
5		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	49



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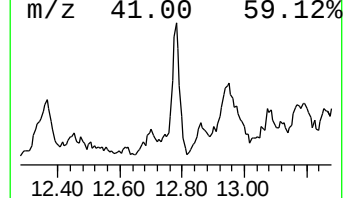
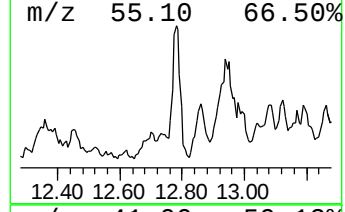
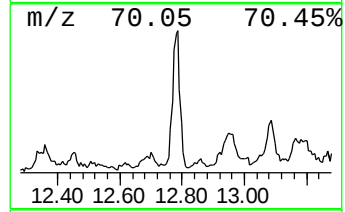
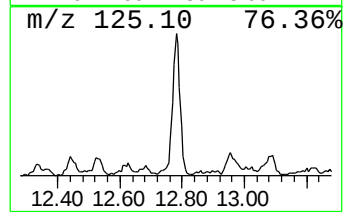
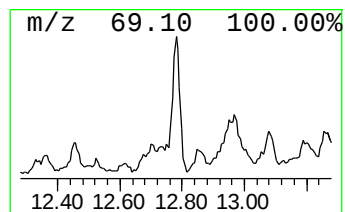
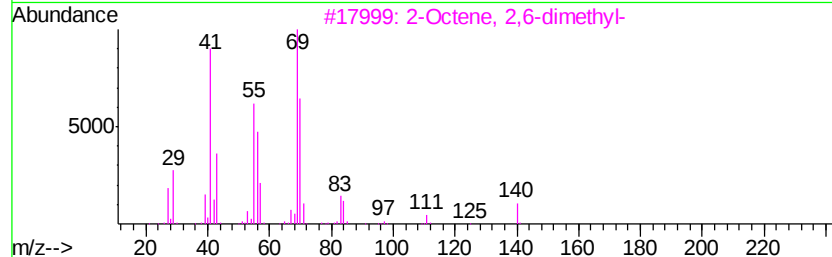
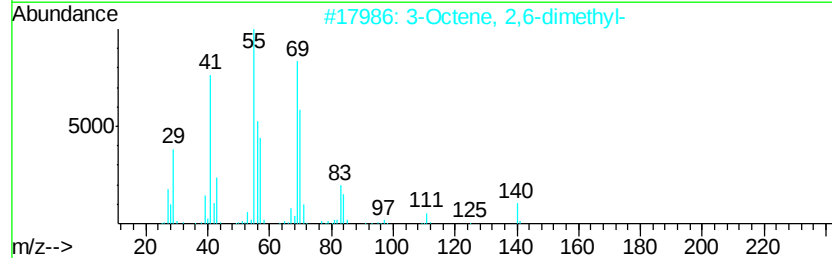
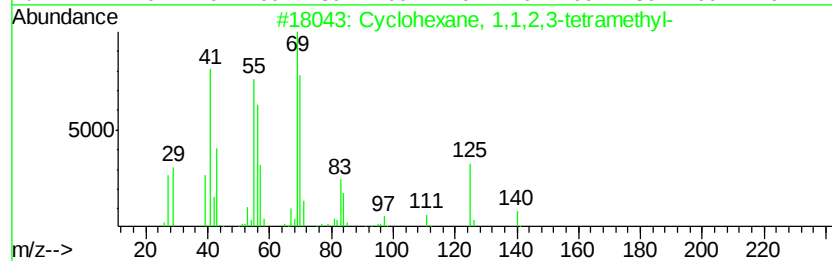
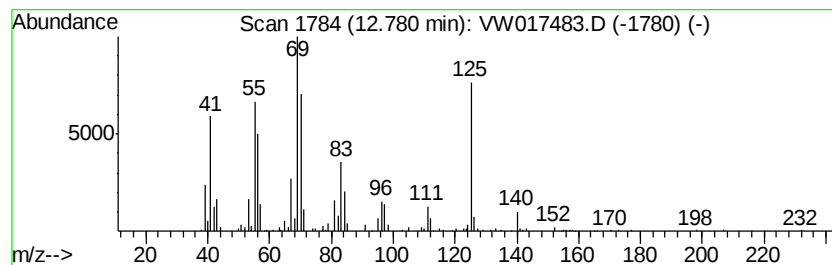
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic12.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.73 ug/L	175186	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
2		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	58
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
4		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
5		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

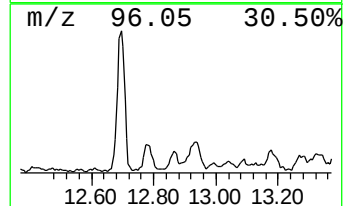
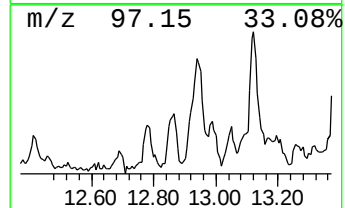
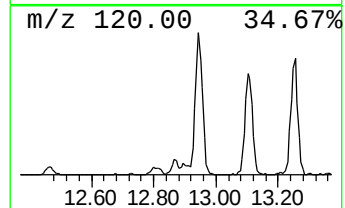
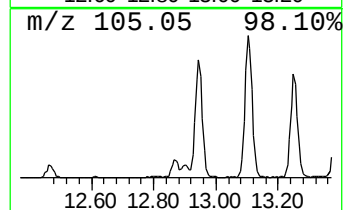
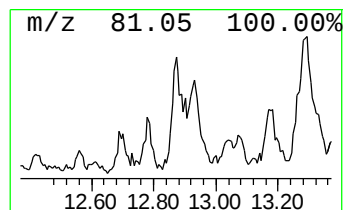
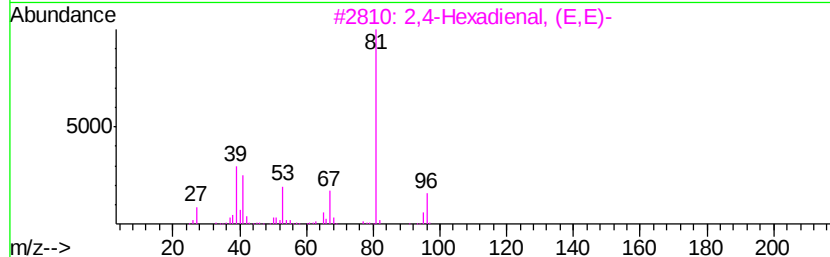
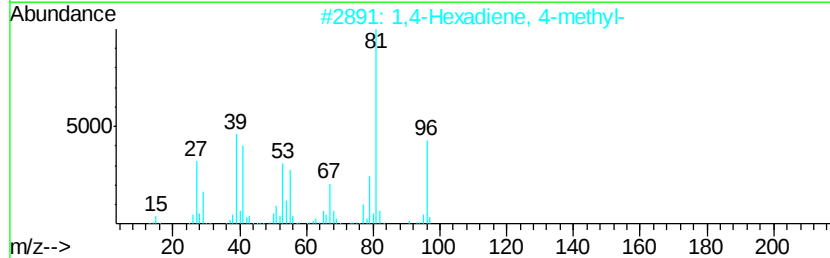
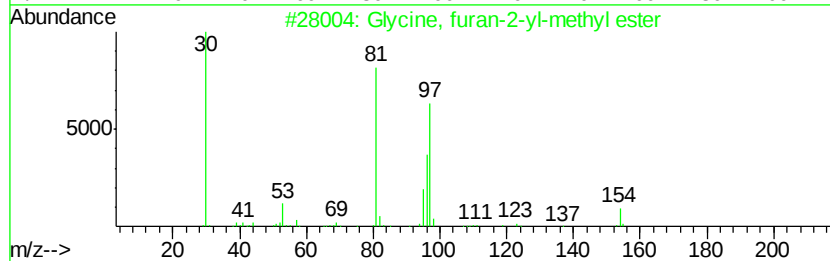
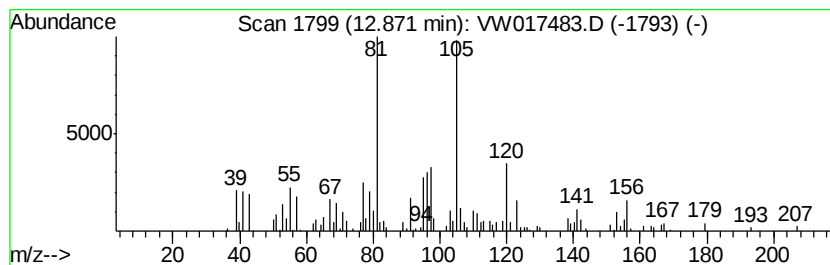
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Quant Title : VOC Analysis

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

Peak Number 6 Glycine, furan-2-yl-methyl ... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.74 ug/L	71247	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	53
2		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	38
3		2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	35
4		1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	35
5		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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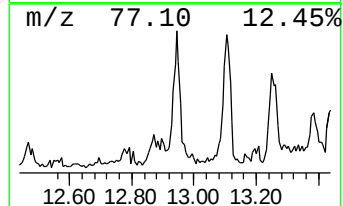
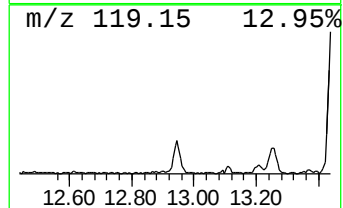
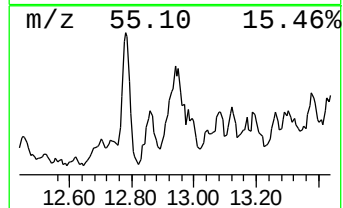
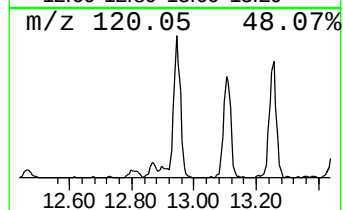
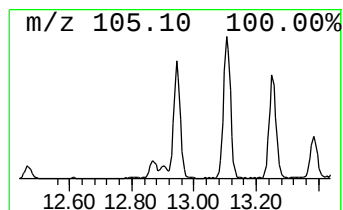
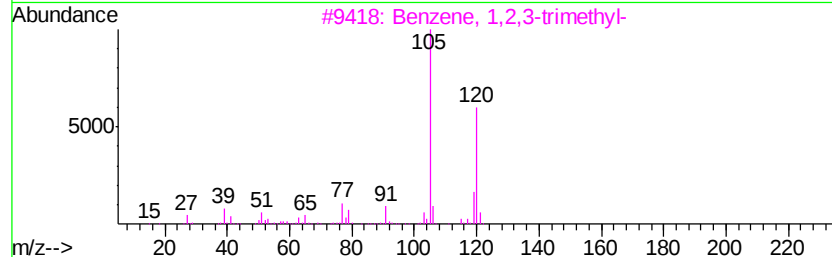
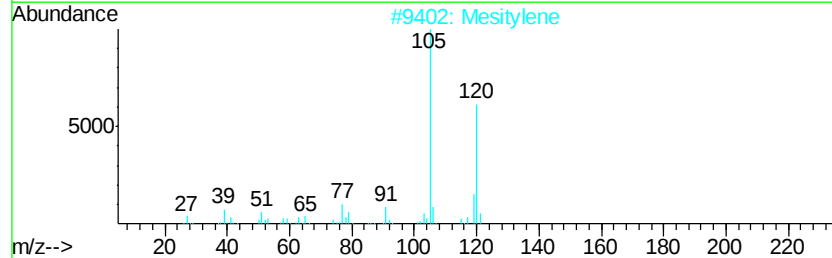
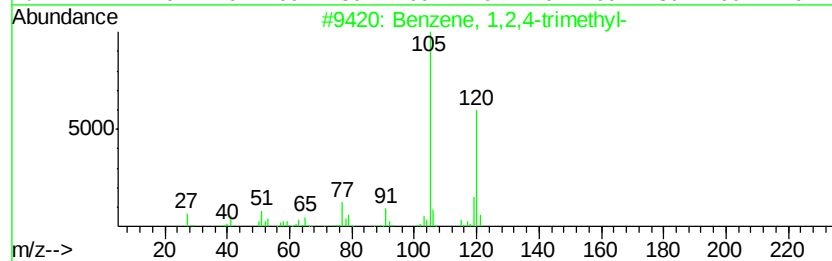
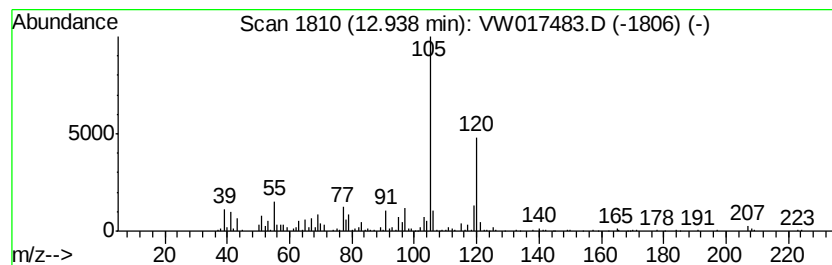
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	11.65 ug/L	303401	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2		Mesitylene	120	C9H12	000108-67-8	93
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4		Mesitylene	120	C9H12	000108-67-8	93
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

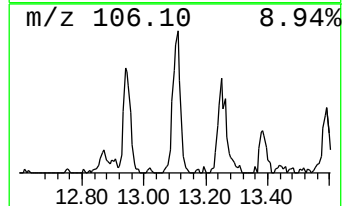
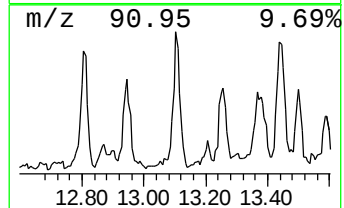
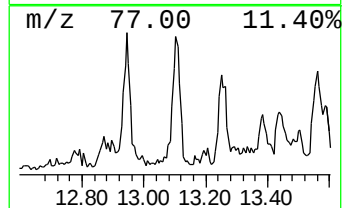
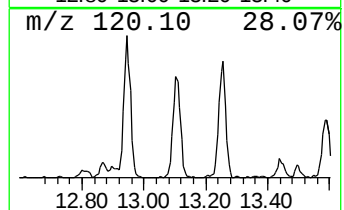
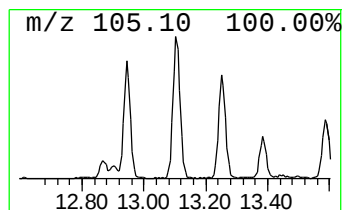
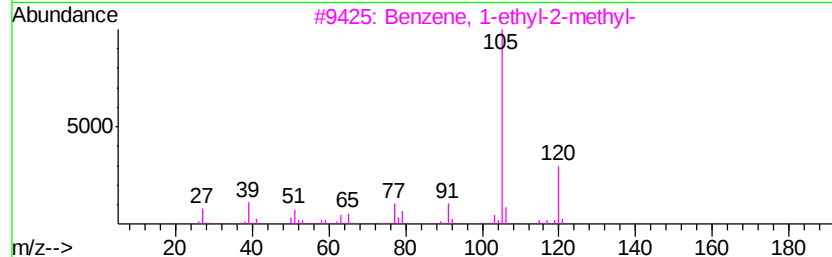
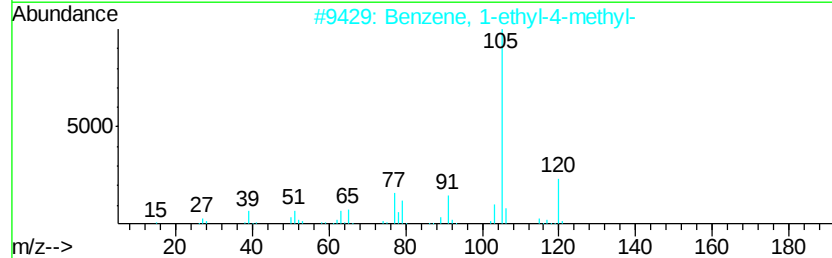
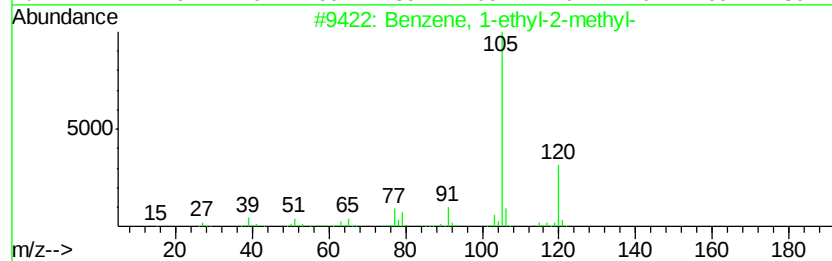
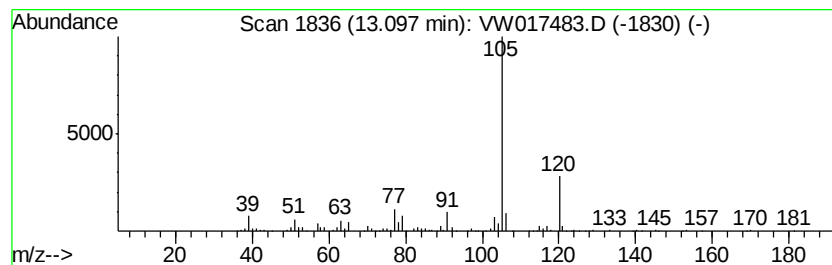
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.52 ug/L	169665	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-4-methyl-	120	C9H12	000622-96-8	93
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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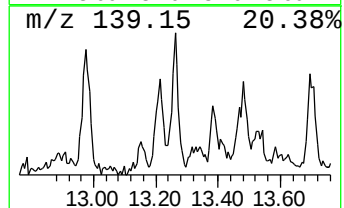
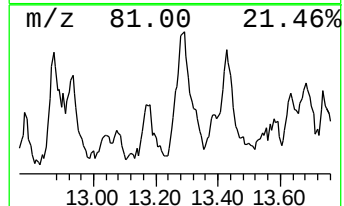
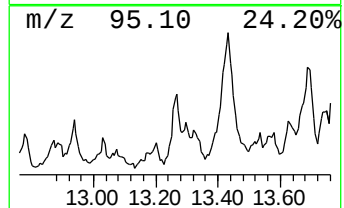
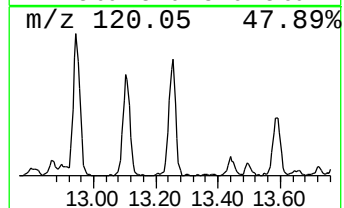
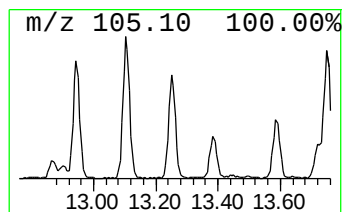
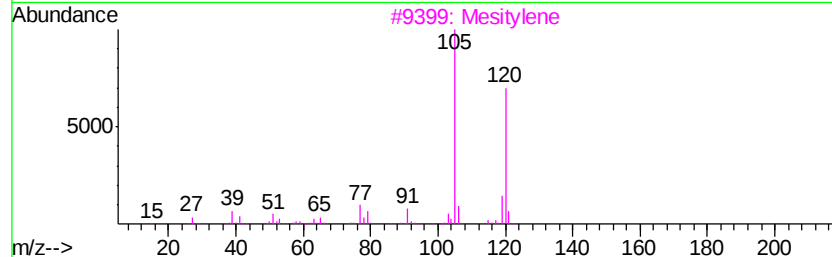
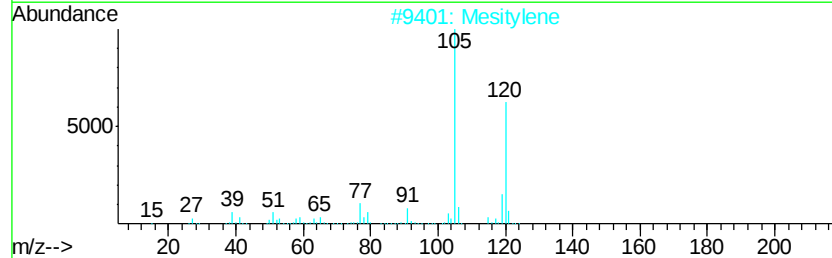
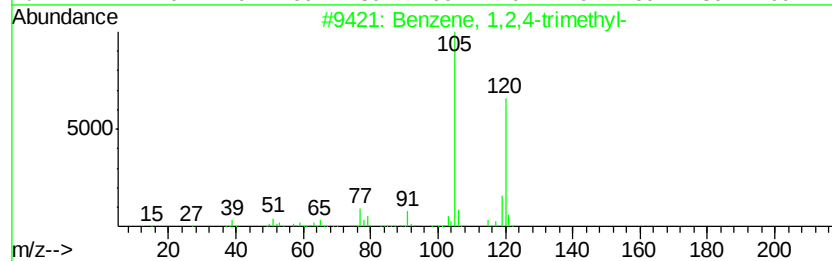
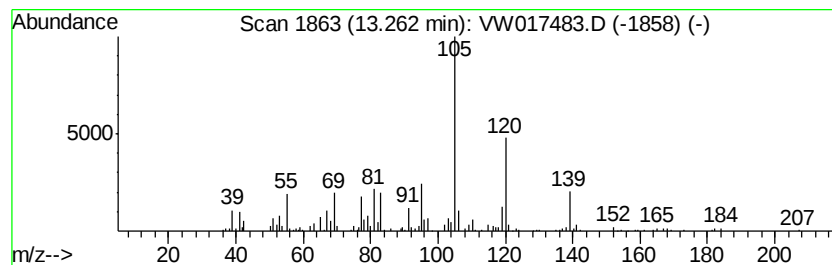
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Quant Title : VOC Analysis

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

Peak Number 9 Mesitylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.33 ug/L	112811	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
2		Mesitylene	120	C9H12	000108-67-8	62
3		Mesitylene	120	C9H12	000108-67-8	62
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	62
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

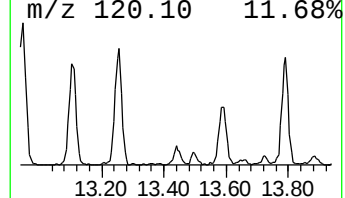
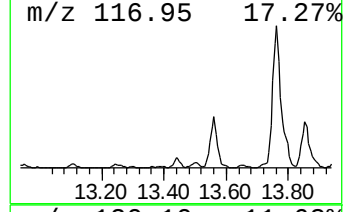
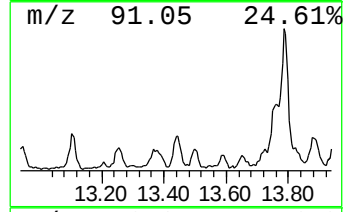
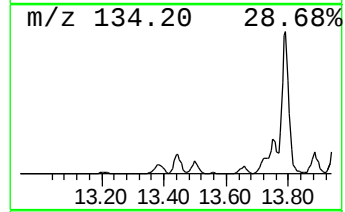
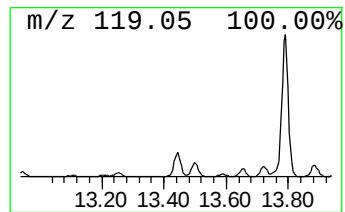
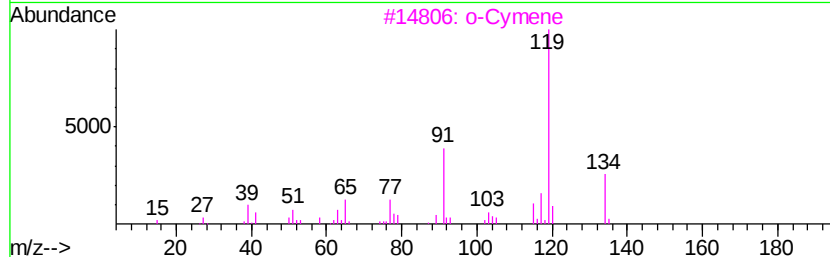
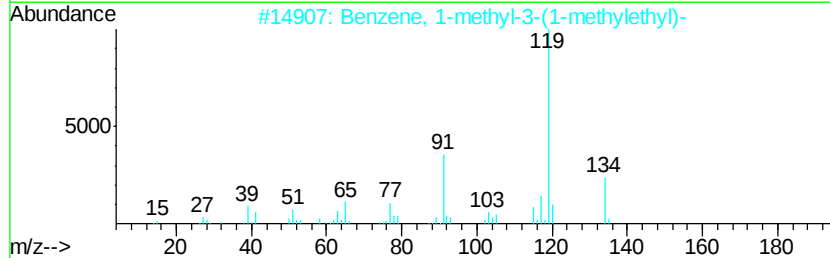
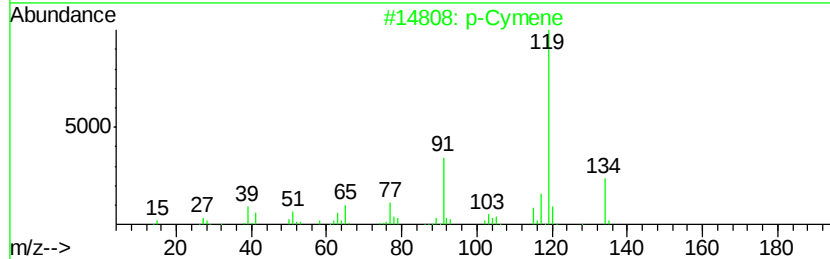
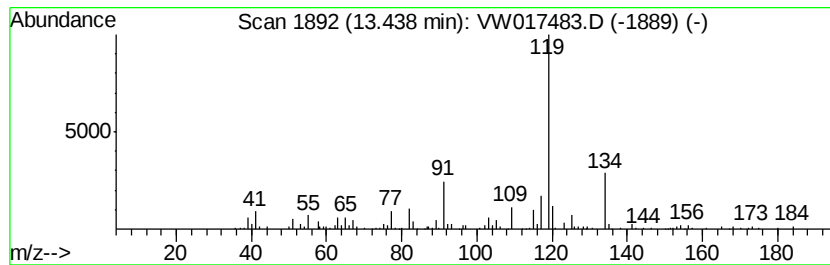
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Quant Title : VOC Analysis

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

Peak Number 10 p-Cymene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.51 ug/L	91311	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	93
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3			o-Cymene	134	C10H14	000527-84-4	91
4			o-Cymene	134	C10H14	000527-84-4	87
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

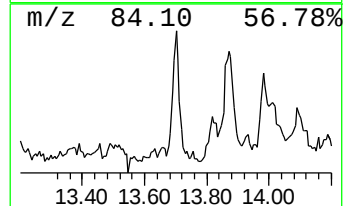
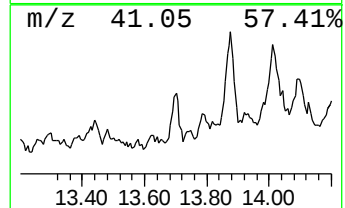
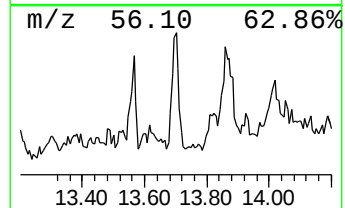
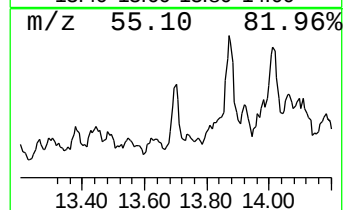
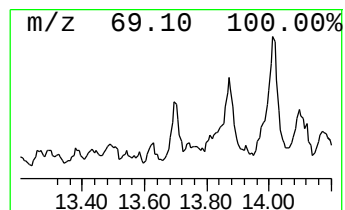
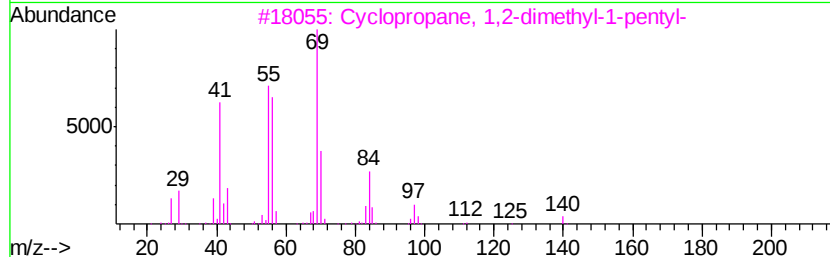
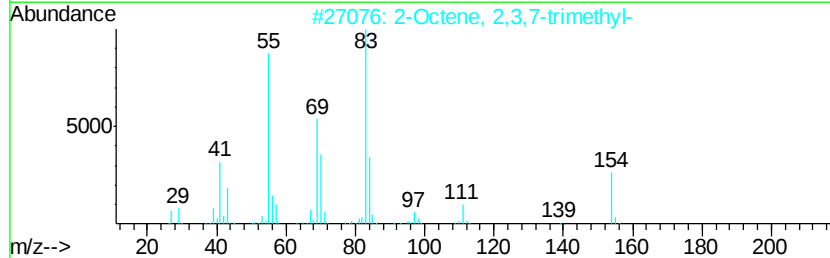
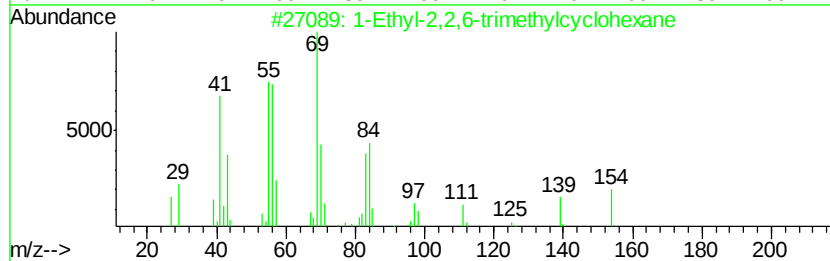
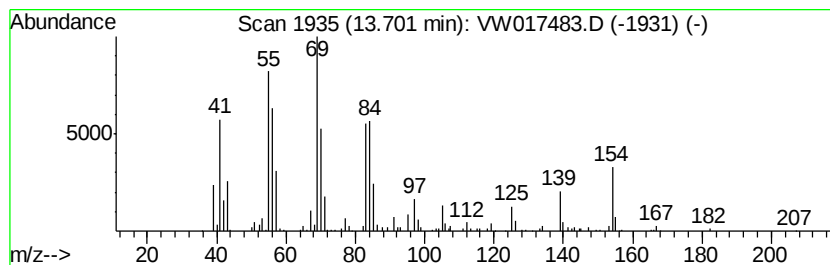
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.42 ug/L	114995	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2		2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	50
3		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	47
5		3-Methyldec-3-ene	154	C11H22	036969-75-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AD2RE

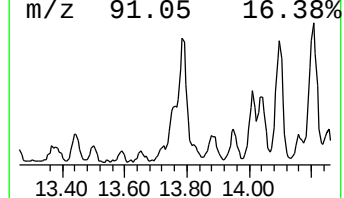
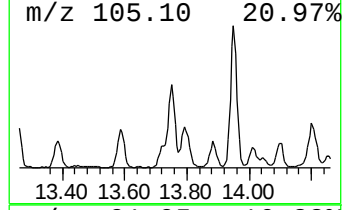
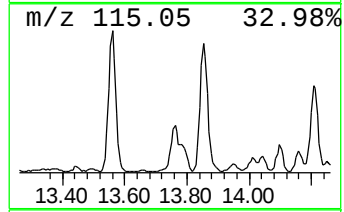
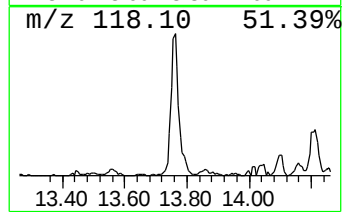
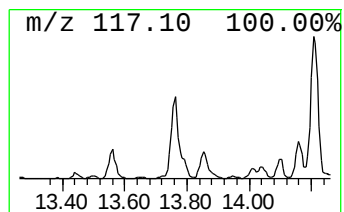
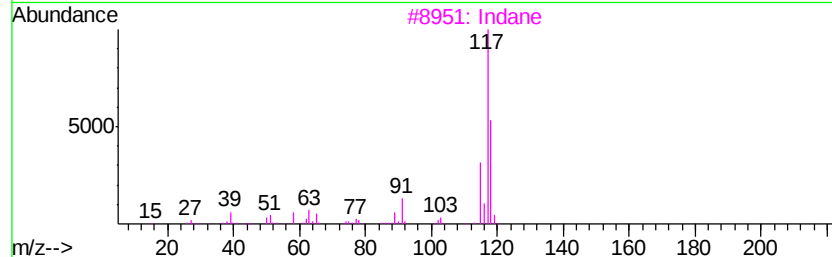
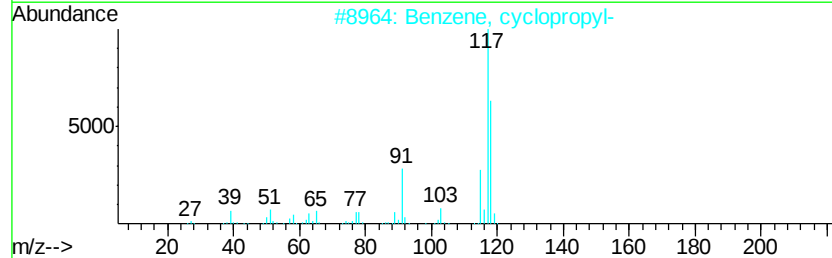
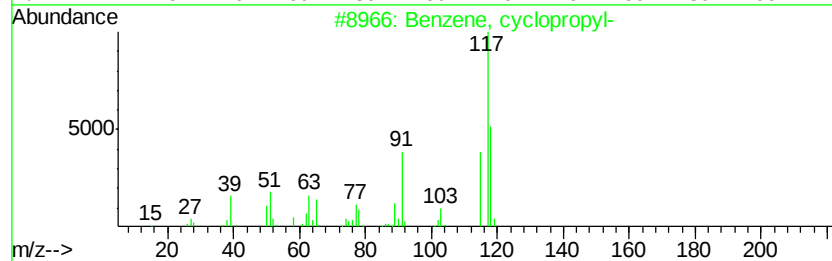
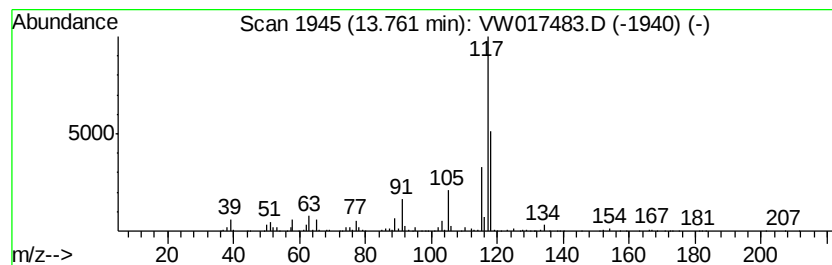
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, cyclopropyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.52 ug/L	195883	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3		Indane	118	C9H10	000496-11-7	62
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5		Indane	118	C9H10	000496-11-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

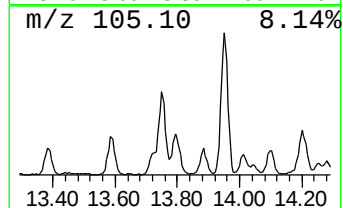
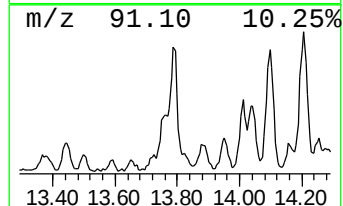
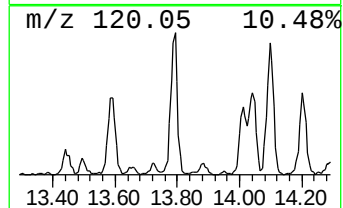
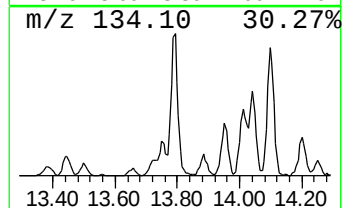
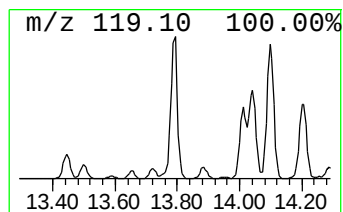
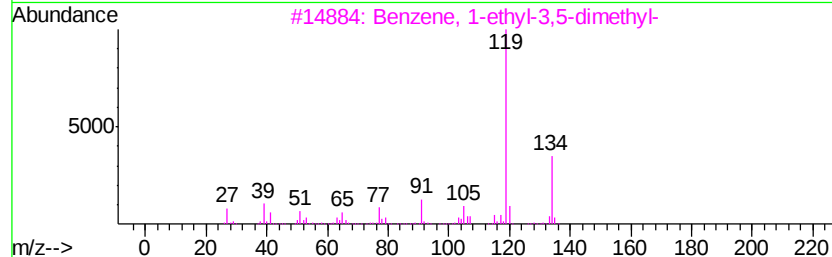
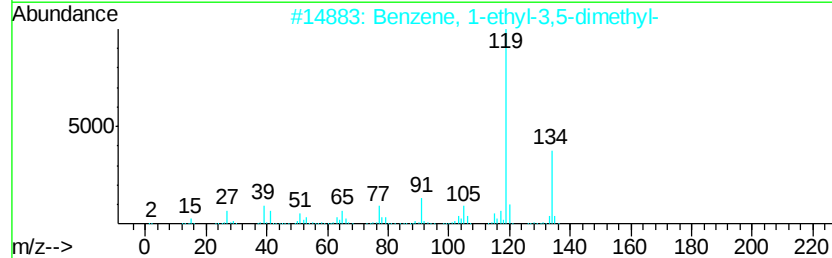
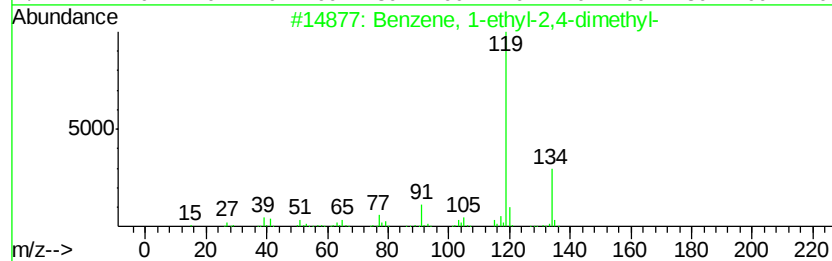
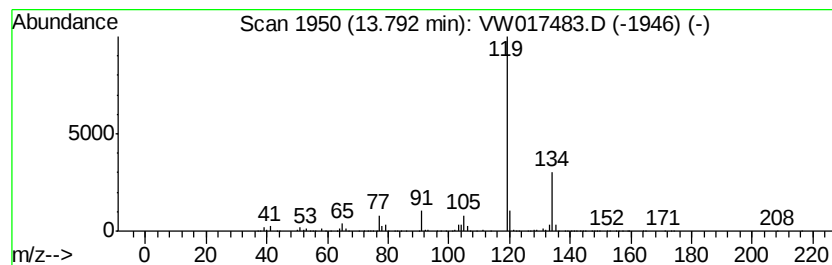
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	13.42 ug/L	349458	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

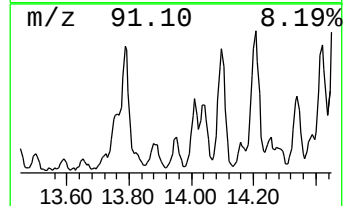
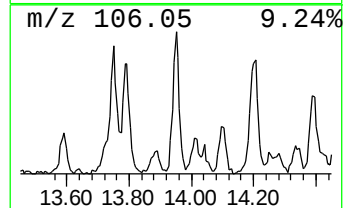
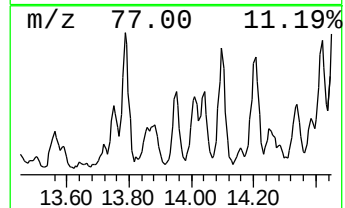
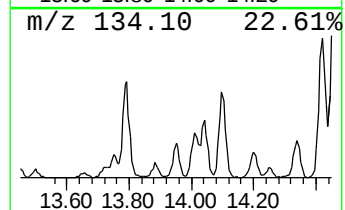
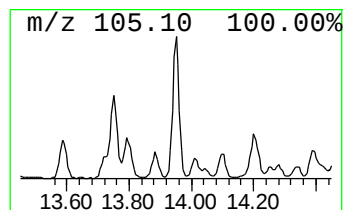
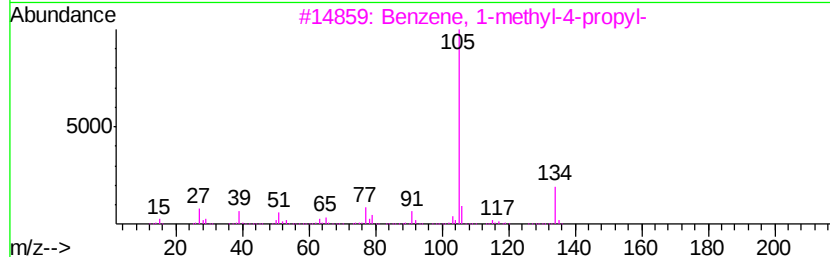
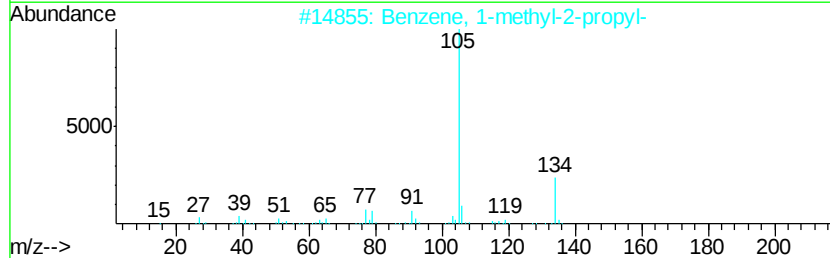
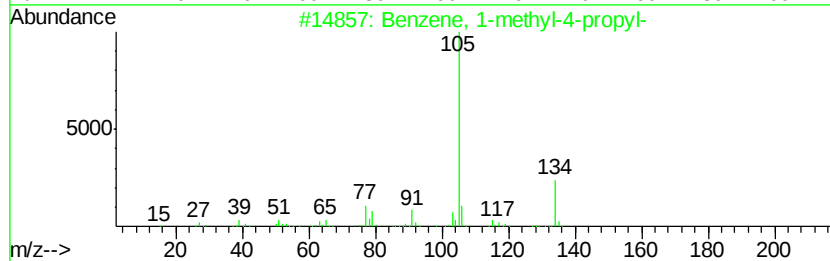
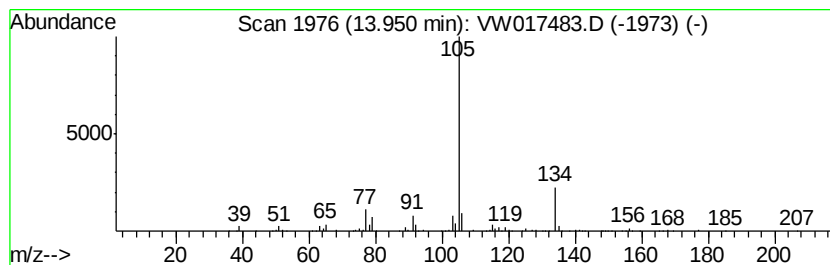
Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.39 ug/L	88317	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5	90
3	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	90
4	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	90
5	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

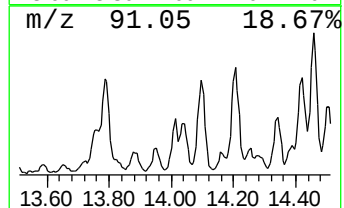
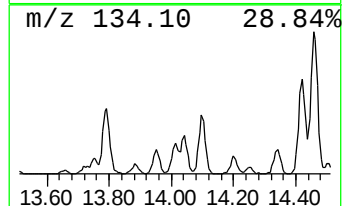
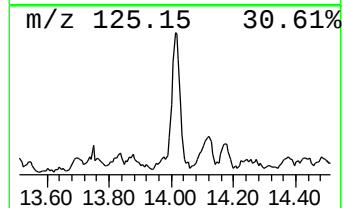
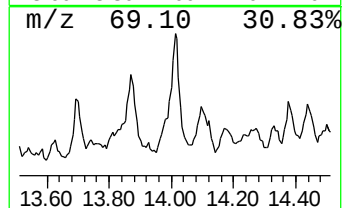
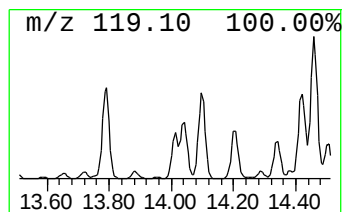
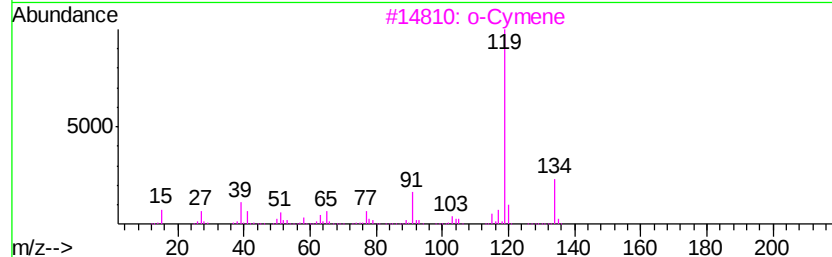
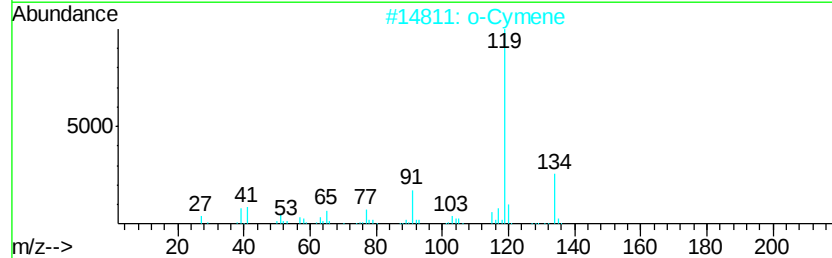
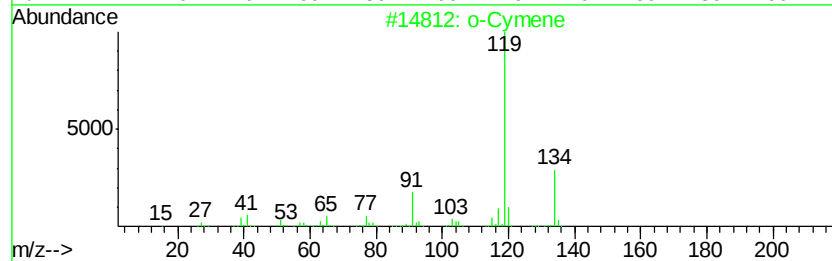
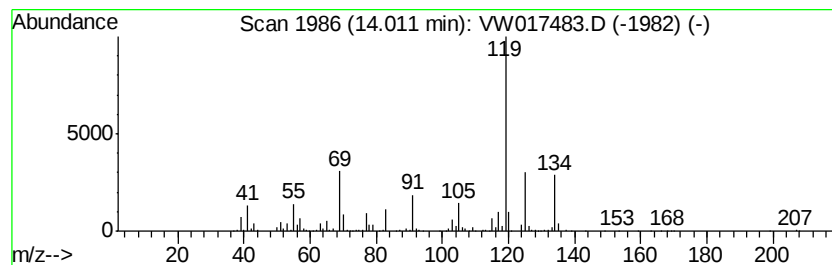
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Quant Title : VOC Analysis

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

Peak Number 15 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	11.14 ug/L	290225	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

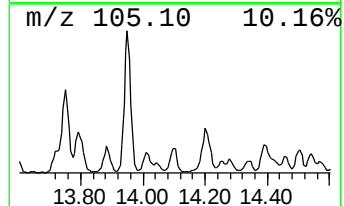
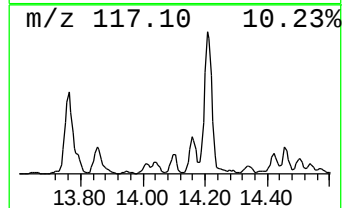
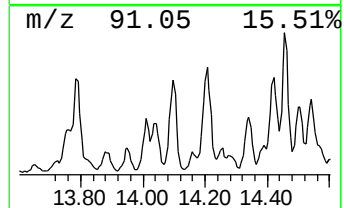
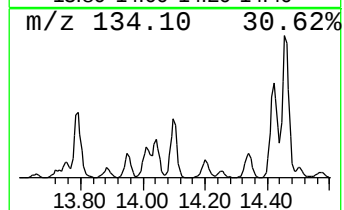
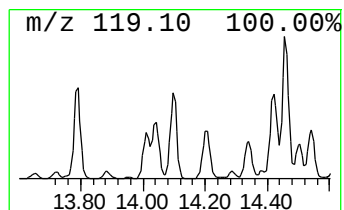
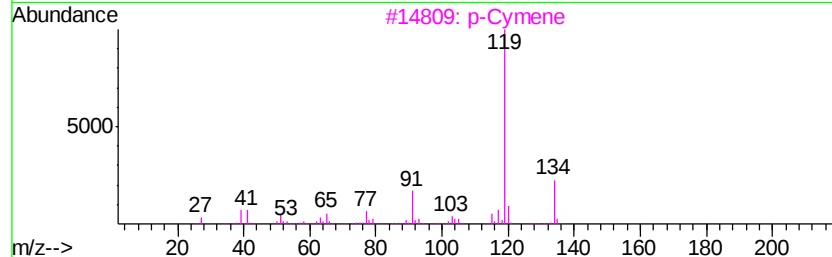
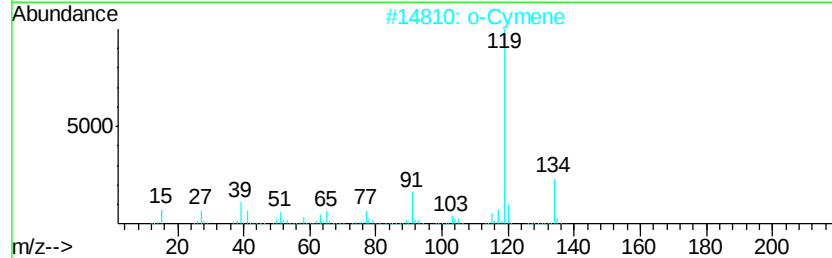
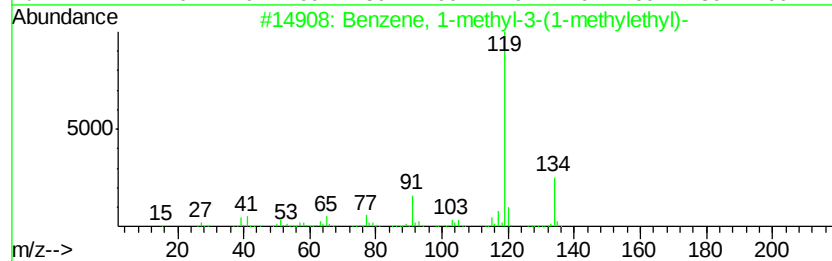
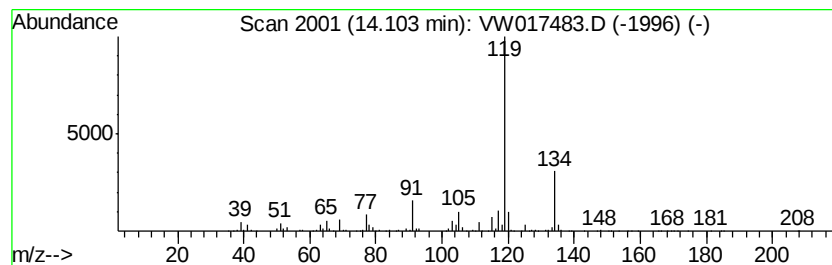
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	16.31 ug/L	424743	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	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

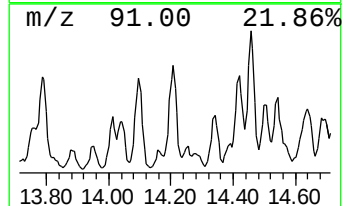
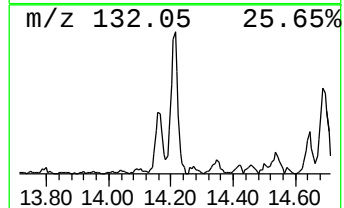
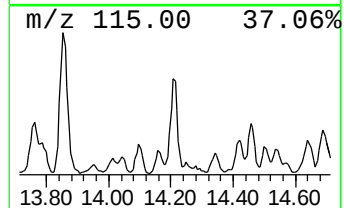
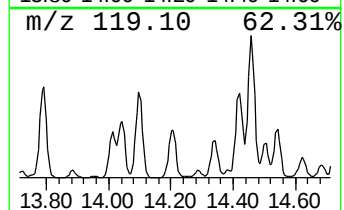
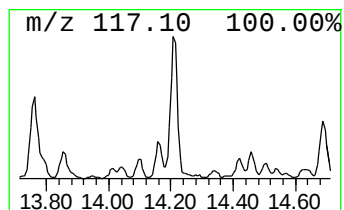
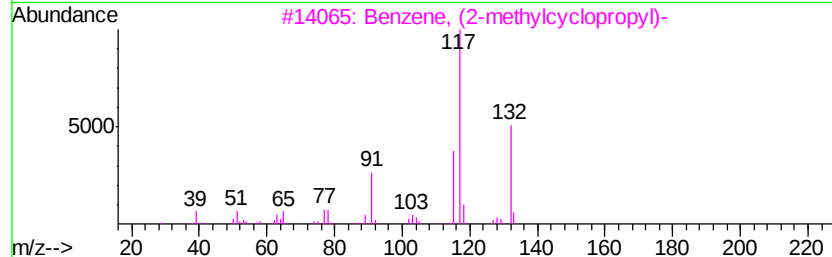
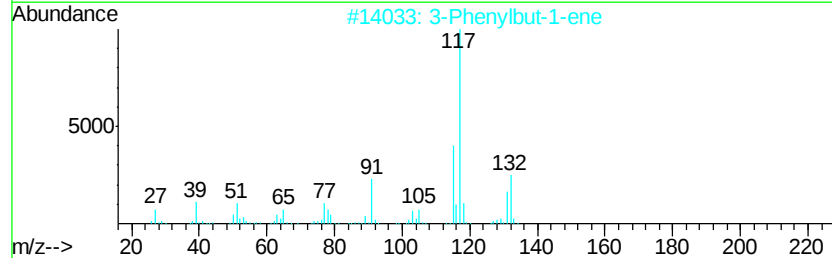
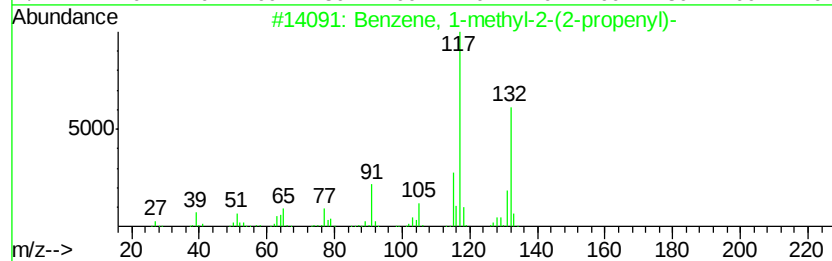
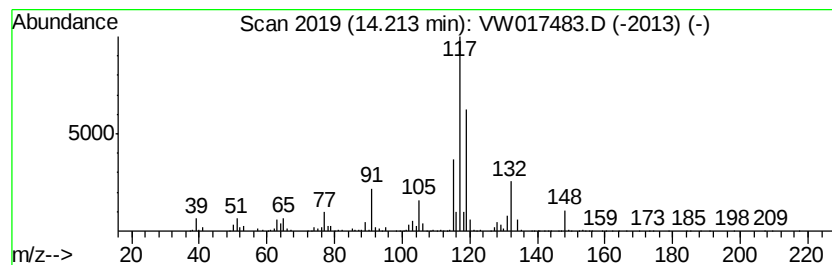
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	16.92 ug/L	440687	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	45
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

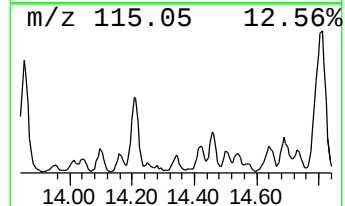
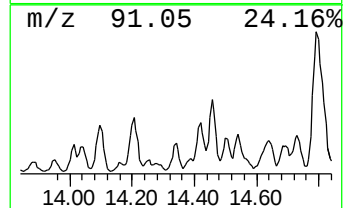
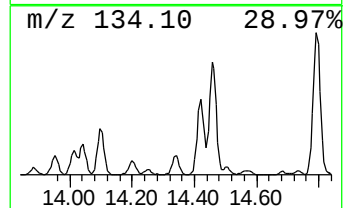
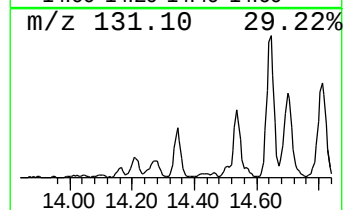
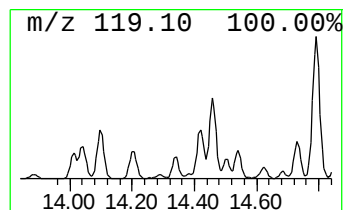
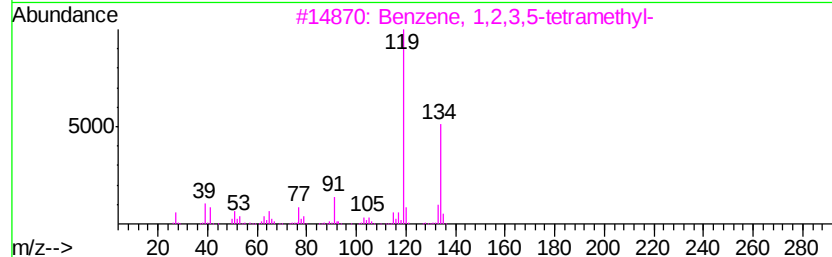
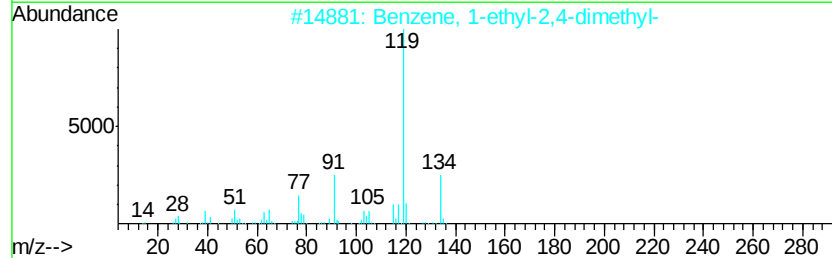
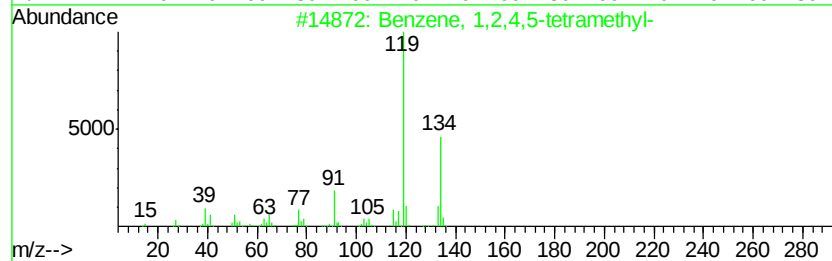
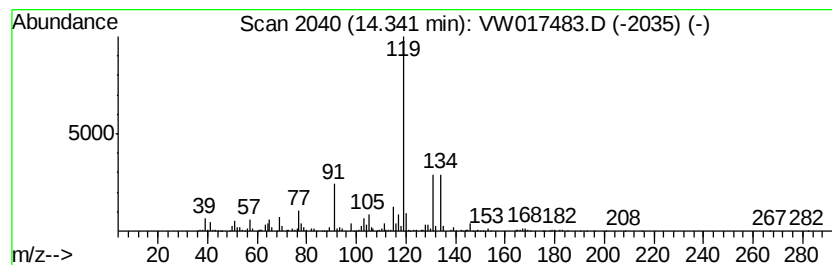
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	9.23 ug/L	240331	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	76
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

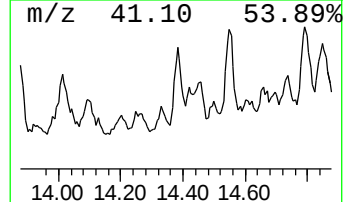
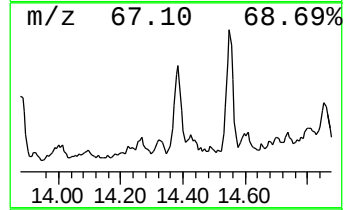
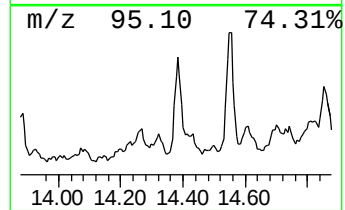
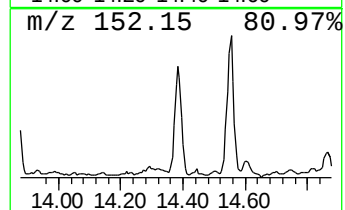
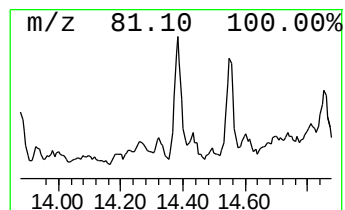
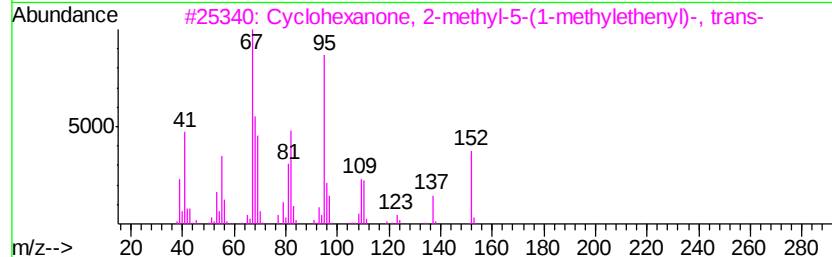
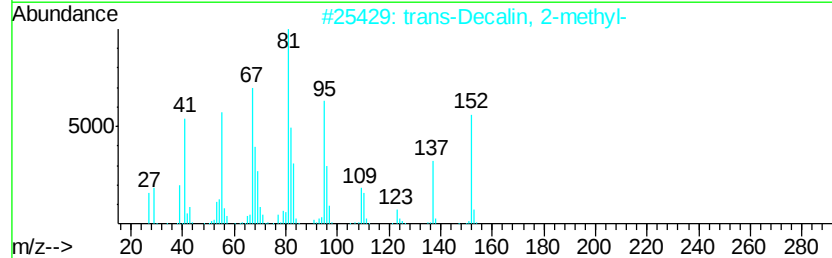
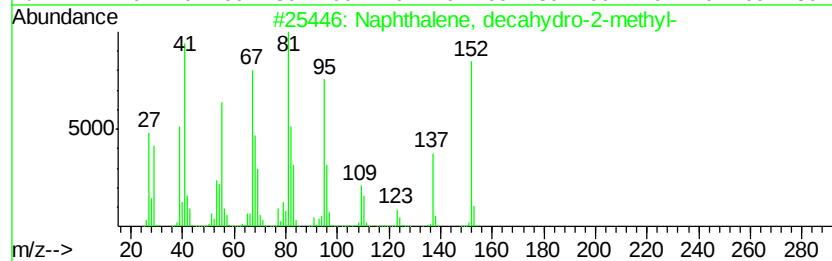
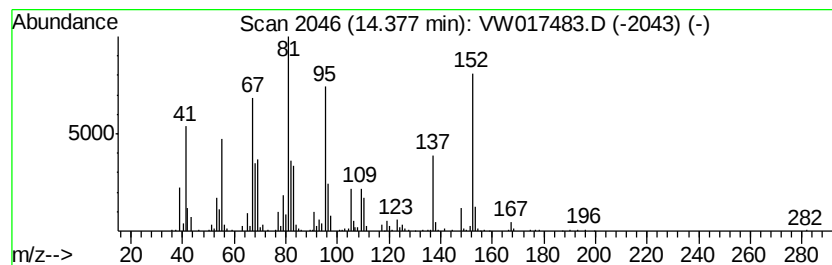
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Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	12.24 ug/L	318617	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64
4		Pulegone	152	C10H16O	000089-82-7	62
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

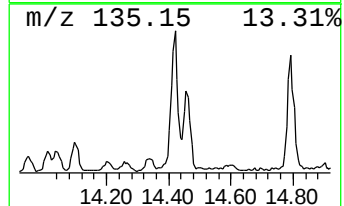
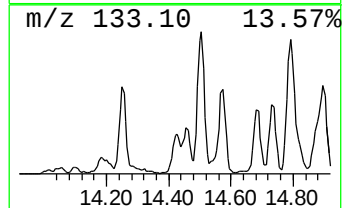
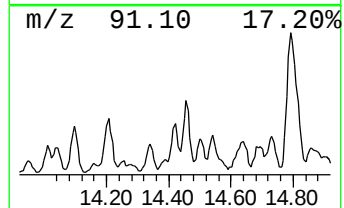
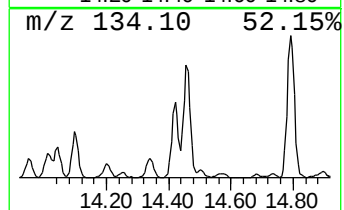
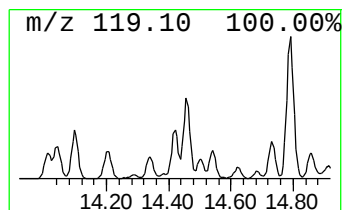
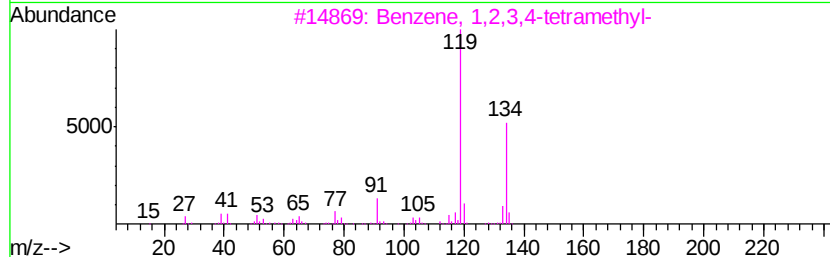
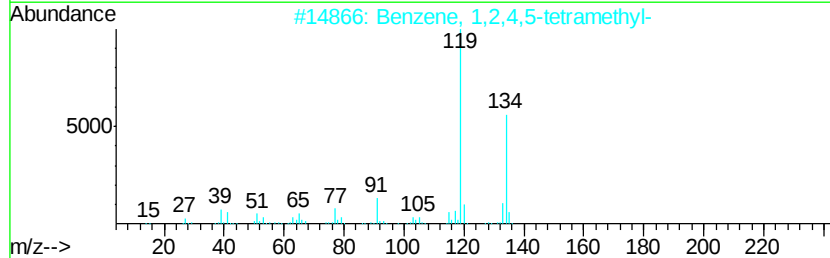
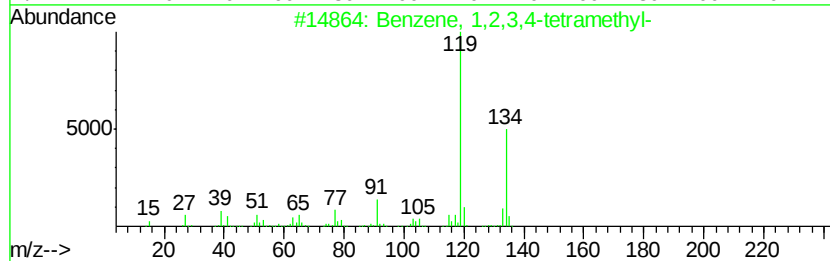
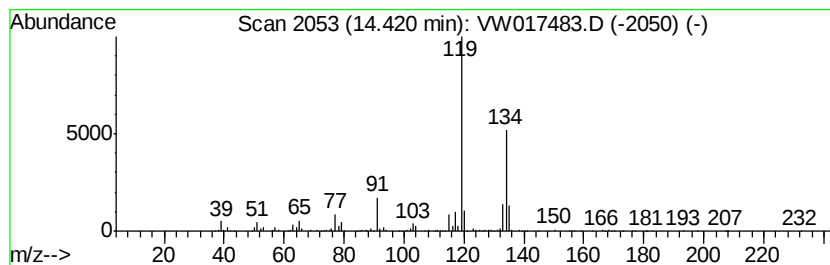
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	17.25 ug/L	449284	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
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		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

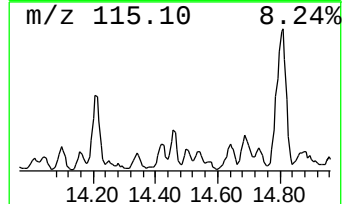
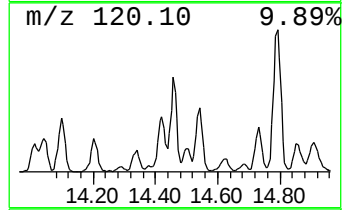
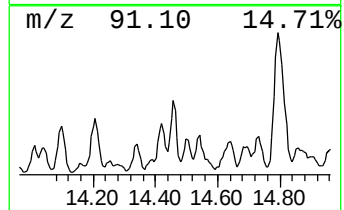
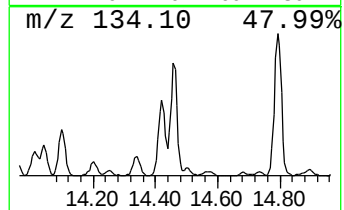
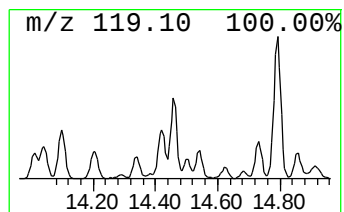
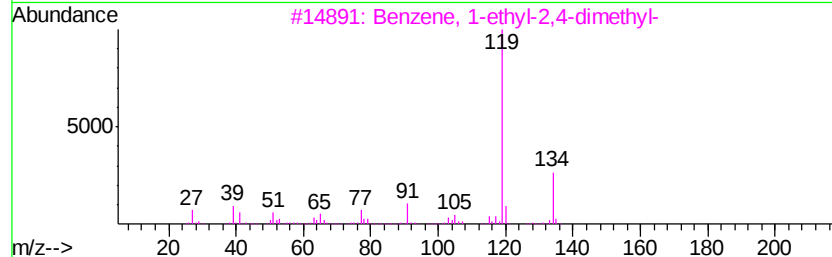
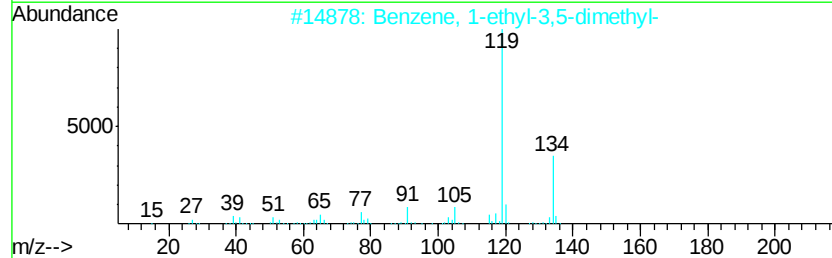
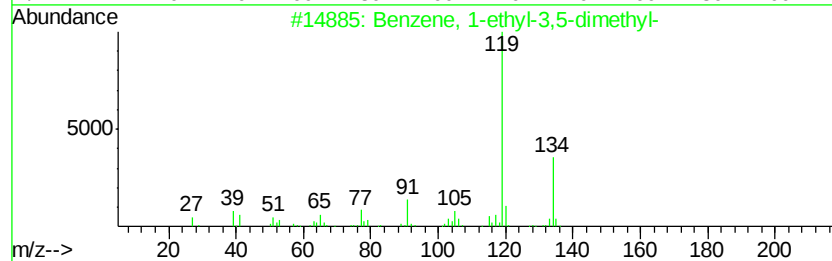
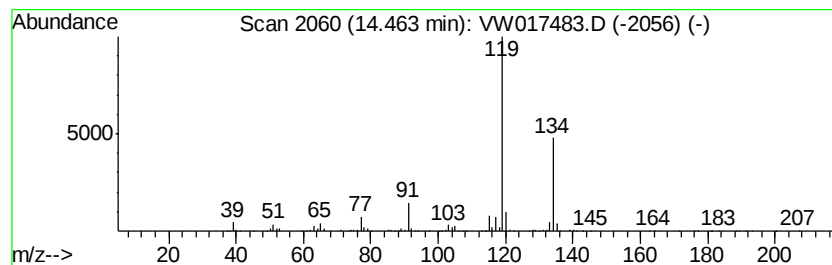
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	21.58 ug/L	561999	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

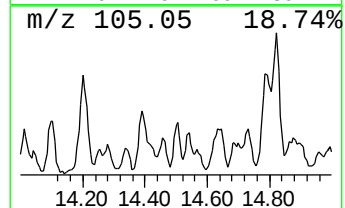
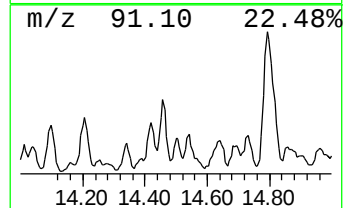
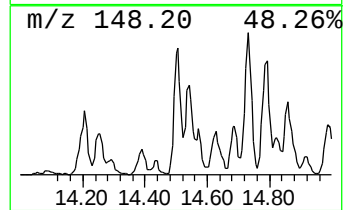
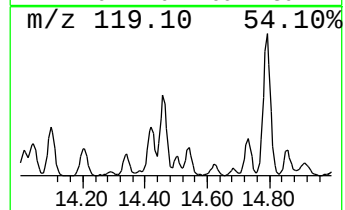
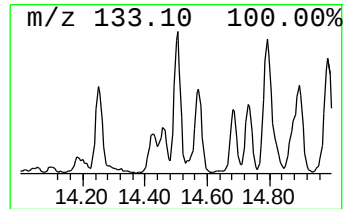
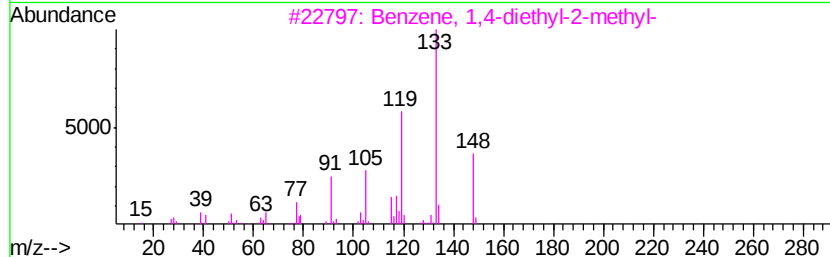
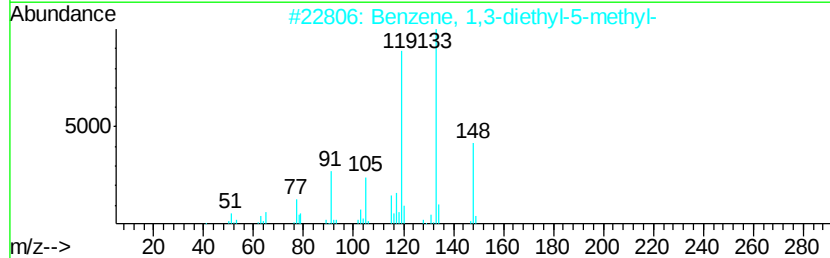
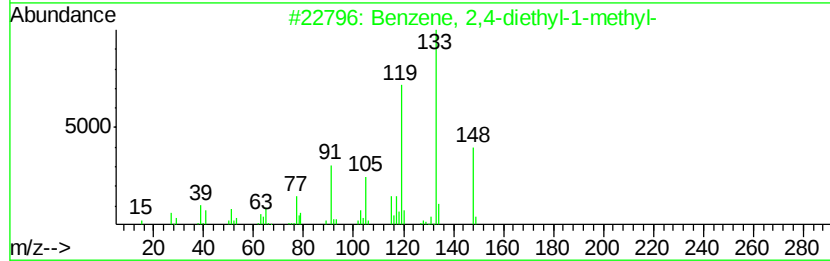
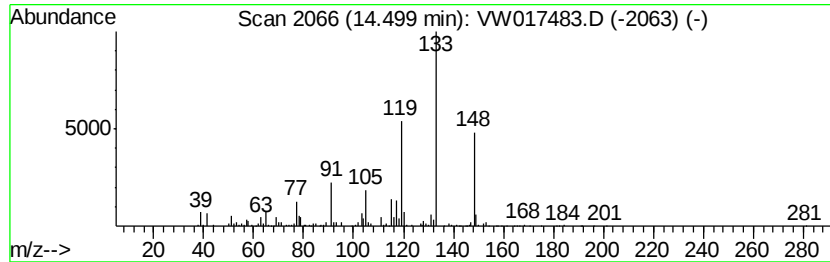
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	9.08 ug/L	236373	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	96
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
4		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

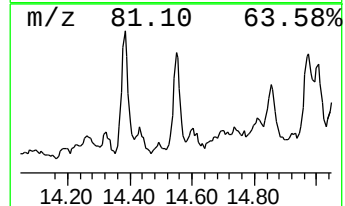
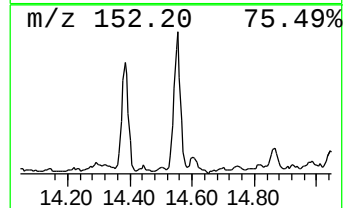
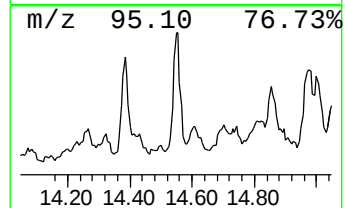
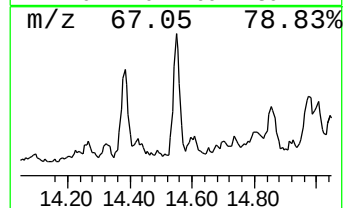
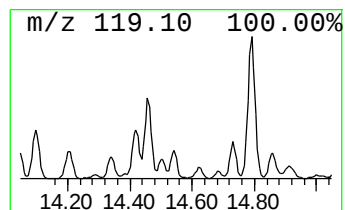
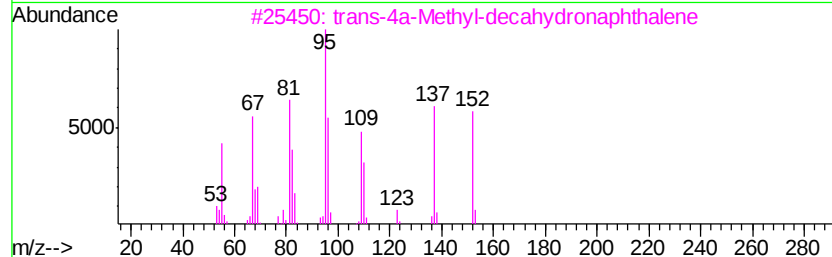
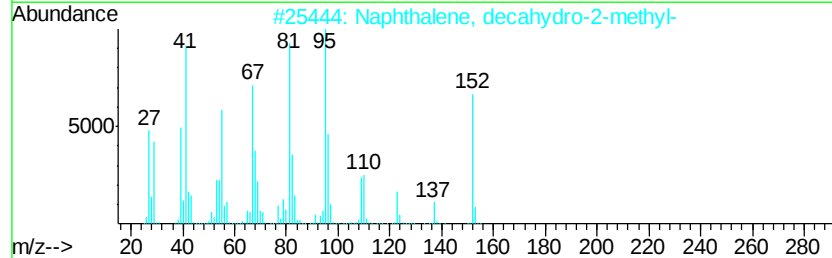
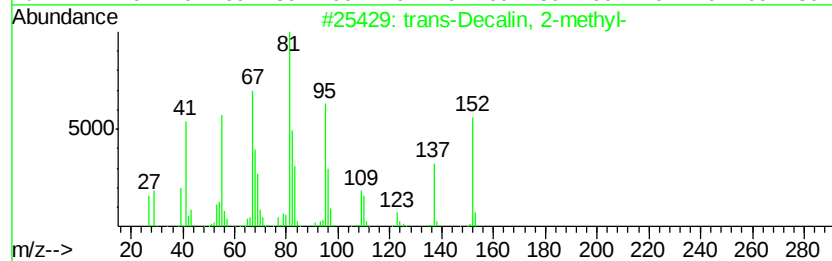
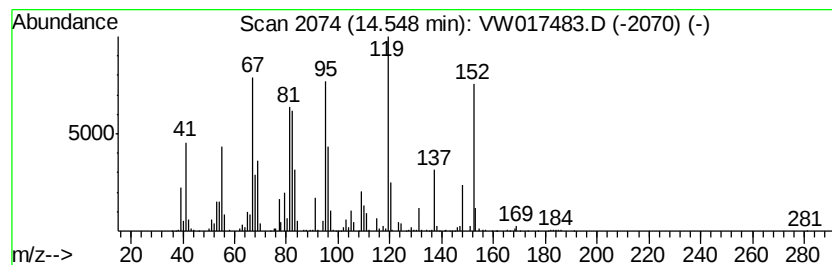
Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

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Quant Title : VOC Analysis

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

Peak Number 23 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	22.12 ug/L	576100	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	62
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	53
3	trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5	52
4	Bicyclo[3.3.2]decan-9-one	152 C10H16O	028054-91-3	46
5	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

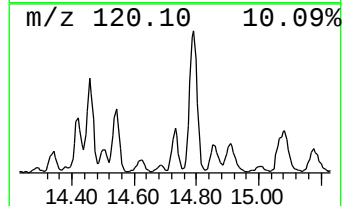
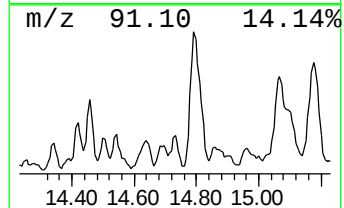
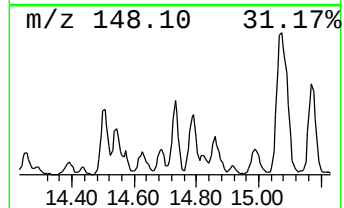
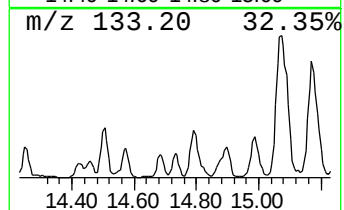
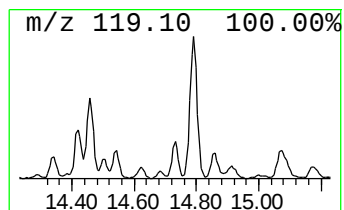
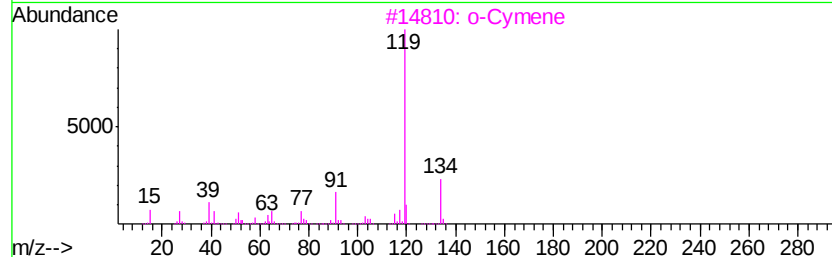
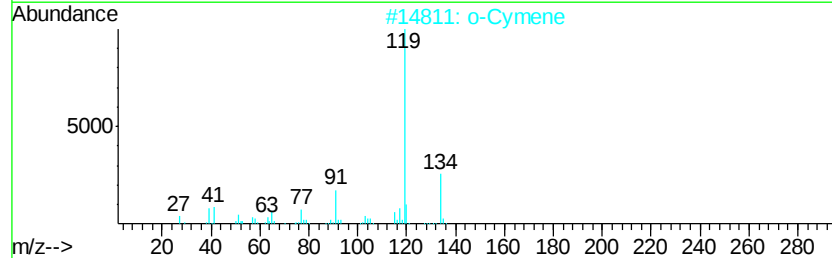
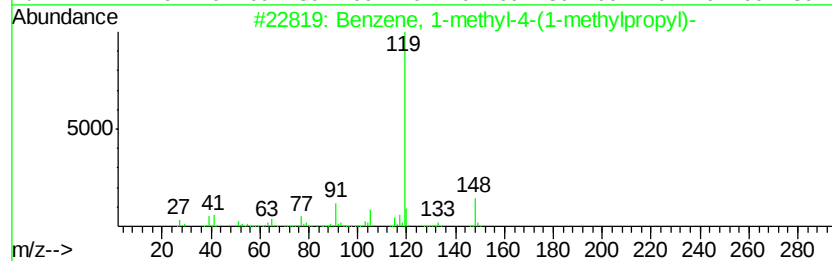
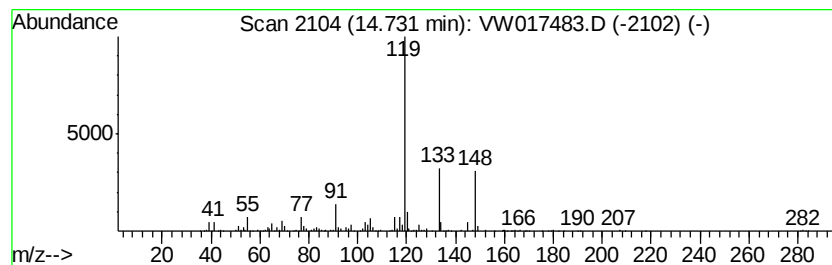
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.55 ug/L	274753	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2		o-Cymene	134	C10H14	000527-84-4	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

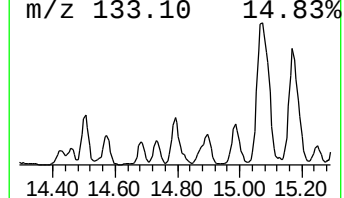
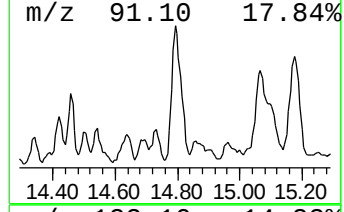
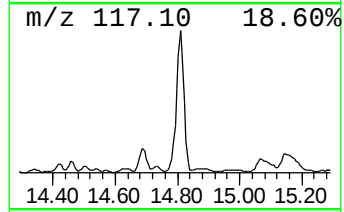
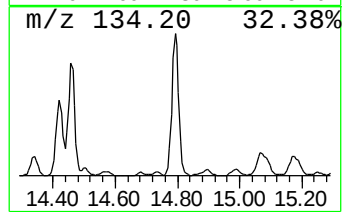
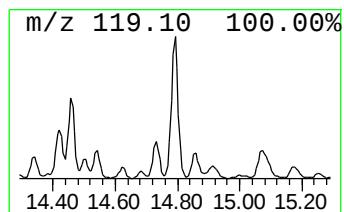
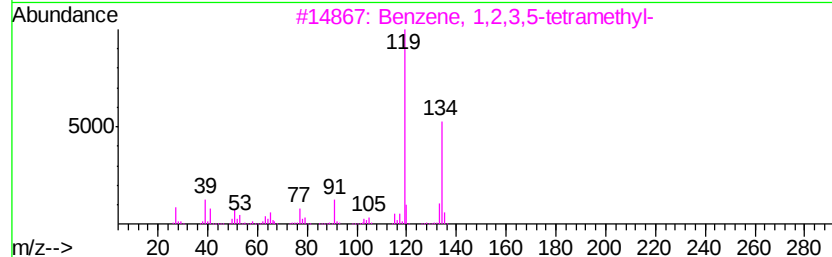
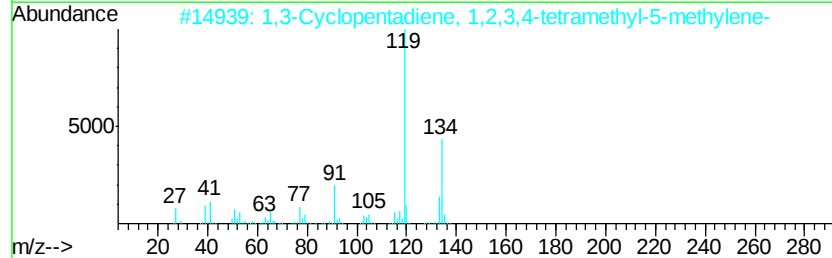
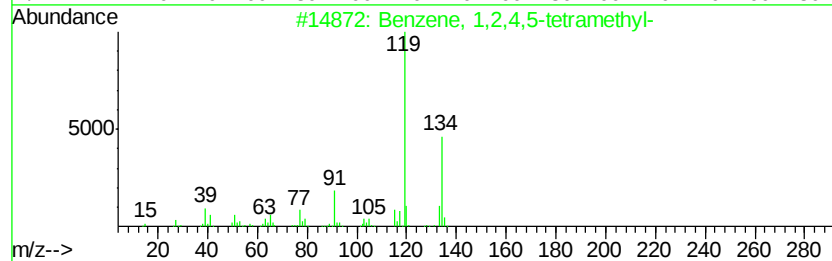
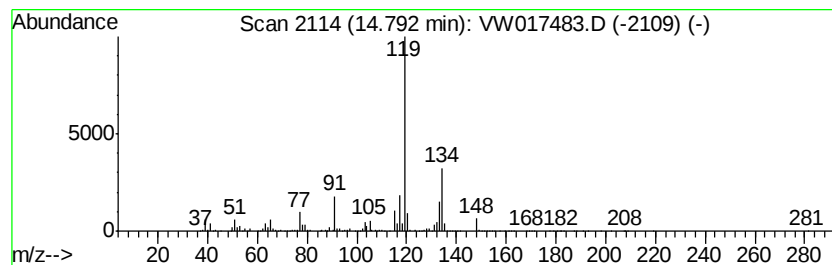
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	76.30 ug/L	1986960	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	94
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

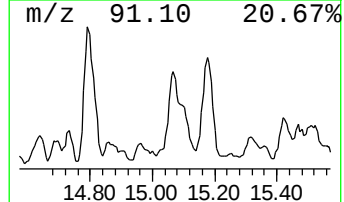
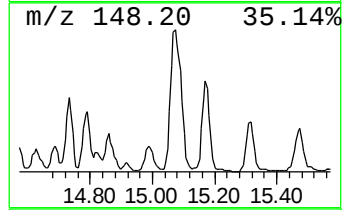
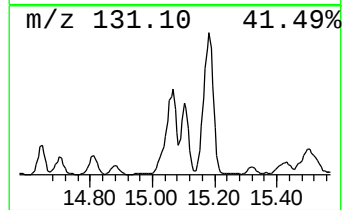
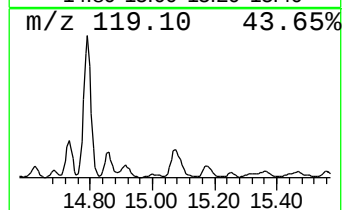
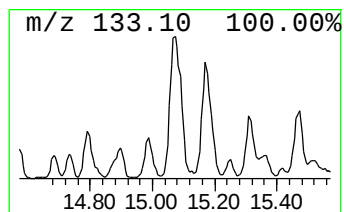
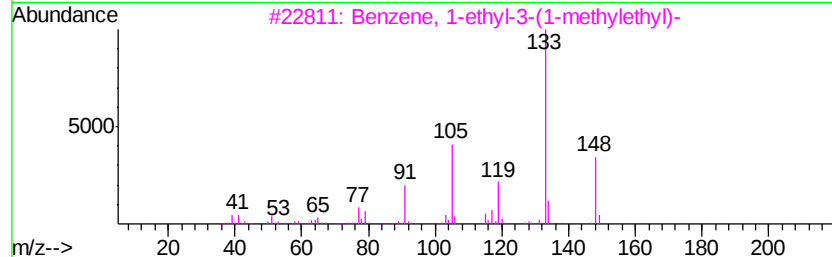
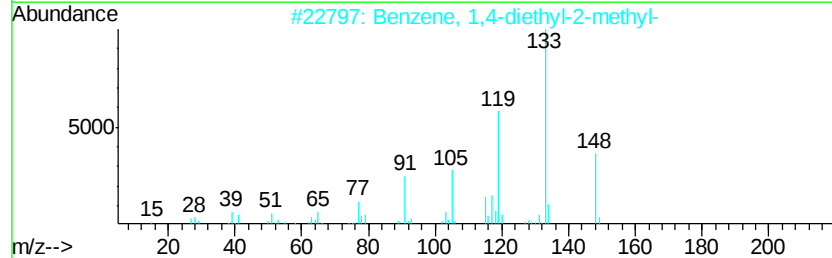
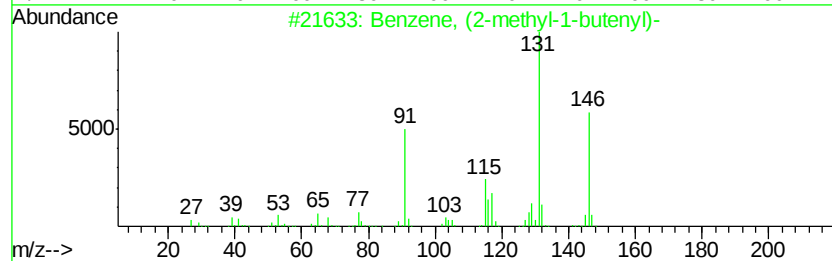
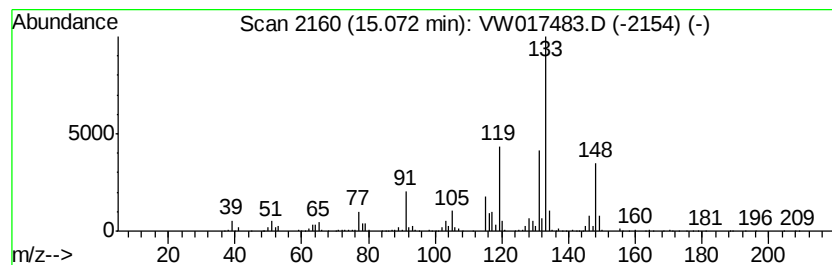
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	45.04 ug/L	1172870	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	74
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

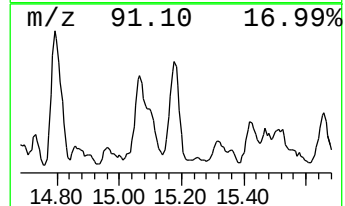
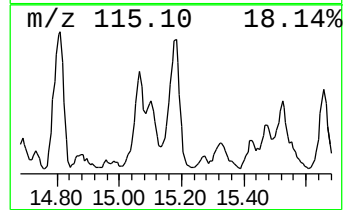
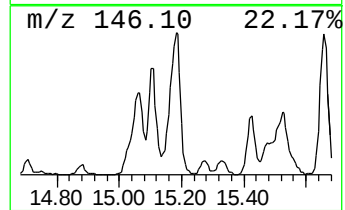
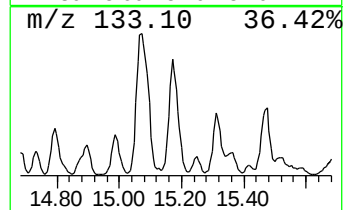
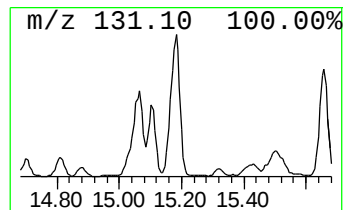
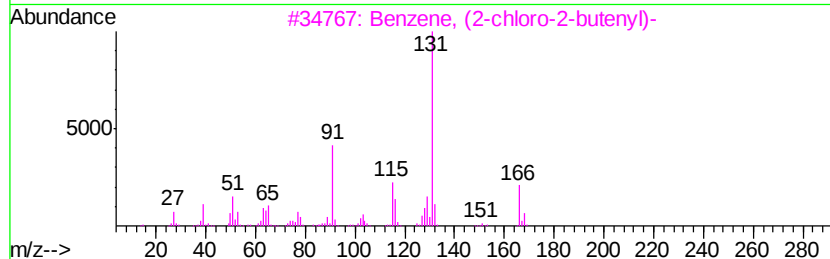
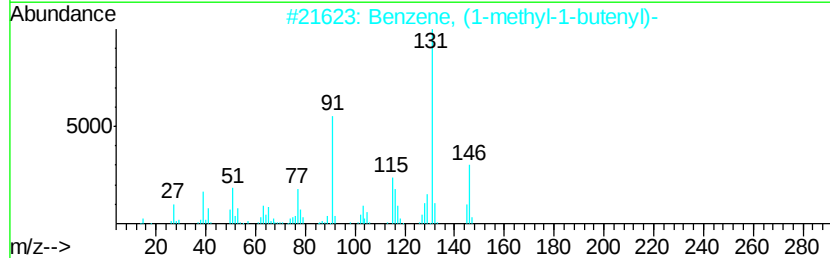
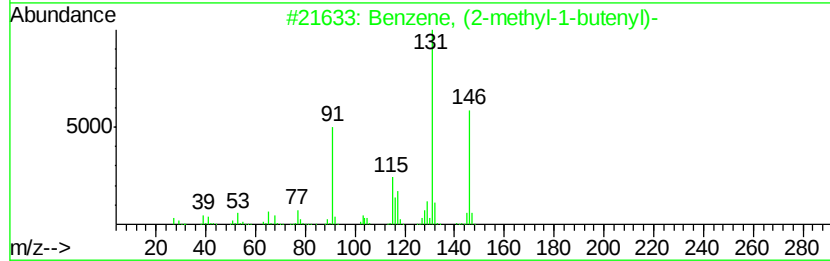
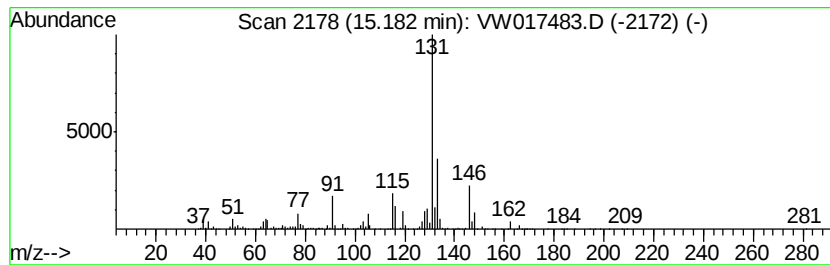
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, (2-chloro-2-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	59.03 ug/L	1537080	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
3		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	78
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

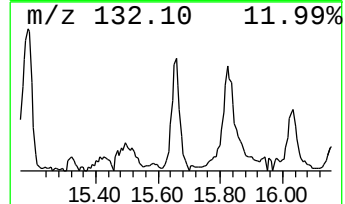
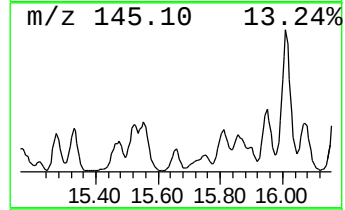
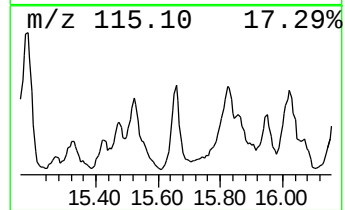
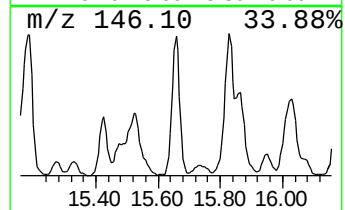
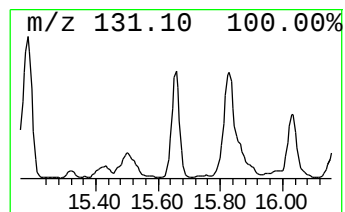
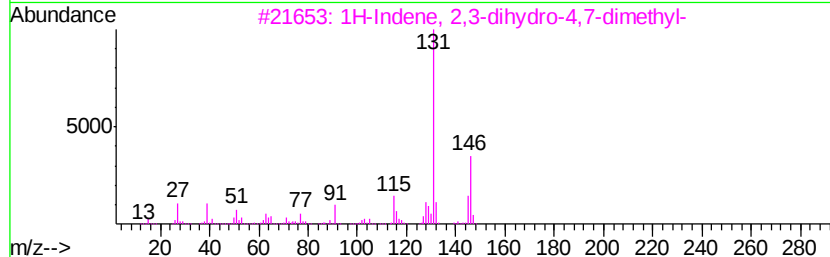
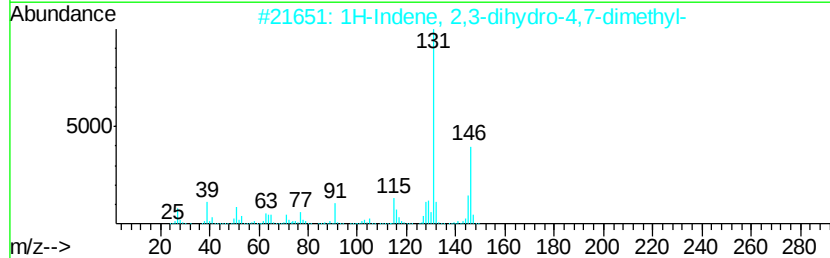
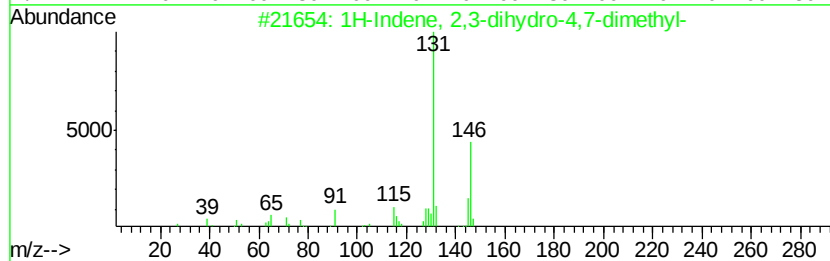
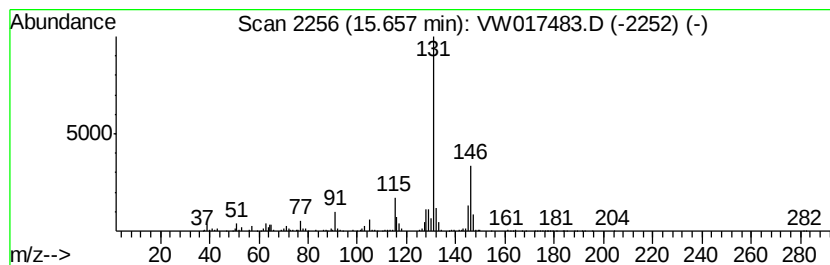
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Quant Title : VOC Analysis

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

Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	26.94 ug/L	701513	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	96
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
Data File : VW017483.D
Acq On : 24 Nov 2020 19:29
Operator : SY/VA
Sample : L4853-03RE
Misc : 4.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

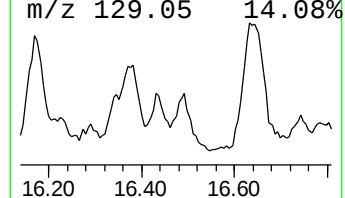
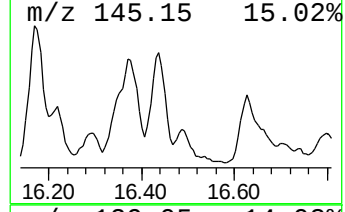
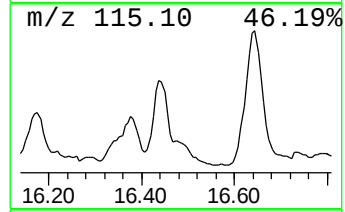
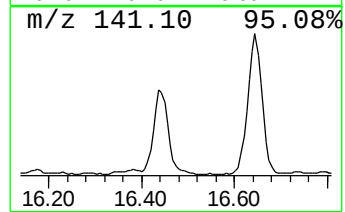
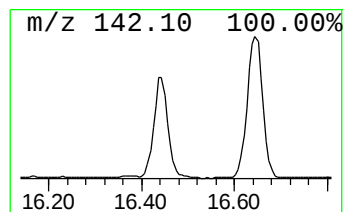
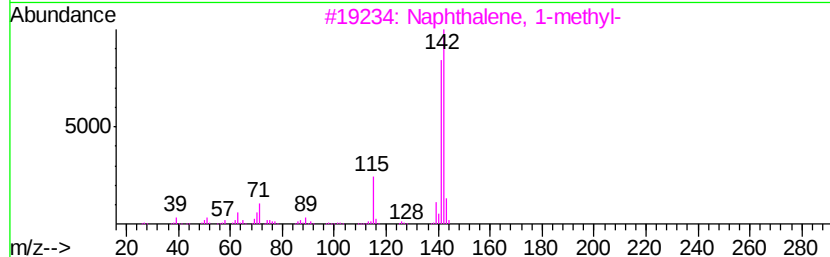
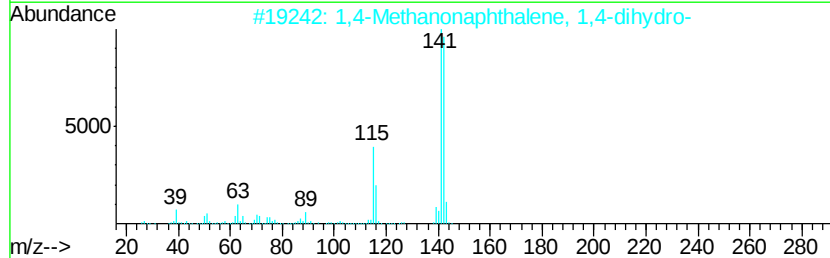
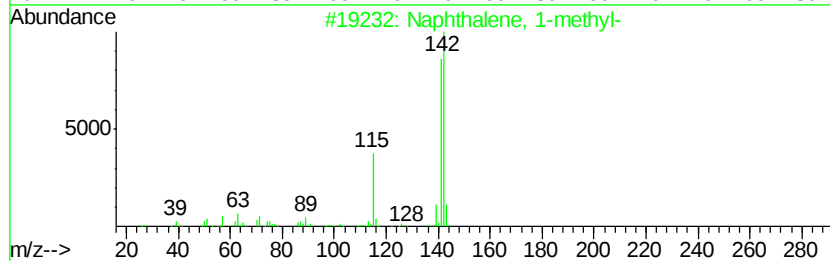
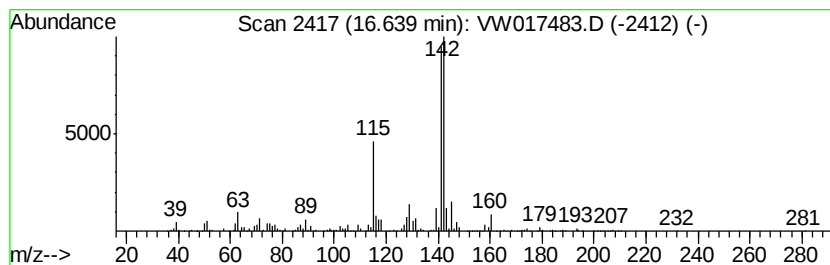
Instrument :
MSVOA_W
ClientSampleId :
C0AD2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

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

Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	55.34 ug/L	1441200	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
2		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 87
4		Benzocycloheptatriene	142 C11H10	000264-09-5 83
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112420\
 Data File : VW017483.D
 Acq On : 24 Nov 2020 19:29
 Operator : SY/VA
 Sample : L4853-03RE
 Misc : 4.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.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...	11.87	1.4	ug/L	59794	2	11.63	1103060	25.0
Cyclohexane, 1-pr...	12.35	1.8	ug/L	79448	2	11.63	1103060	25.0
(DEL) Alkane: Cyc...	12.78	6.7	ug/L	175186	3	13.56	651026	25.0
Glycine, furan-2-...	12.87	2.7	ug/L	71247	3	13.56	651026	25.0
Benzene, 1,2,4-tr...	12.94	11.7	ug/L	303401	3	13.56	651026	25.0
Benzene, 1-ethyl-...	13.10	6.5	ug/L	169665	3	13.56	651026	25.0
Mesitylene	13.26	4.3	ug/L	112811	3	13.56	651026	25.0
p-Cymene	13.44	3.5	ug/L	91311	3	13.56	651026	25.0
(DEL) Alkane: Str...	13.70	4.4	ug/L	114995	3	13.56	651026	25.0
Benzene, cyclopro...	13.76	7.5	ug/L	195883	3	13.56	651026	25.0
Benzene, 1-ethyl-...	13.79	13.4	ug/L	349458	3	13.56	651026	25.0
Benzene, 1-methyl...	13.95	3.4	ug/L	88317	3	13.56	651026	25.0
o-Cymene	14.01	11.1	ug/L	290225	3	13.56	651026	25.0
Benzene, 1-methyl...	14.10	16.3	ug/L	424743	3	13.56	651026	25.0
Benzene, 1-methyl...	14.21	16.9	ug/L	440687	3	13.56	651026	25.0
Benzene, 2-ethyl-...	14.34	9.2	ug/L	240331	3	13.56	651026	25.0
Naphthalene, deca...	14.38	12.2	ug/L	318617	3	13.56	651026	25.0
Benzene, 1,2,3,4-...	14.42	17.3	ug/L	449284	3	13.56	651026	25.0
Benzene, 1-ethyl-...	14.46	21.6	ug/L	561999	3	13.56	651026	25.0
Benzene, 2,4-diet...	14.50	9.1	ug/L	236373	3	13.56	651026	25.0
trans-Decalin, 2-...	14.55	22.1	ug/L	576100	3	13.56	651026	25.0
Benzene, 1-methyl...	14.73	10.6	ug/L	274753	3	13.56	651026	25.0
Benzene, 1,2,4,5-...	14.79	76.3	ug/L	1986960	3	13.56	651026	25.0
Benzene, (2-methy...	15.07	45.0	ug/L	1172870	3	13.56	651026	25.0
Benzene, (2-chlor...	15.18	59.0	ug/L	1537080	3	13.56	651026	25.0
1H-Indene, 2,3-di...	15.66	26.9	ug/L	701513	3	13.56	651026	25.0
Naphthalene, 1-me...	16.64	55.3	ug/L	1441200	3	13.56	651026	25.0