

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006862.D
 Acq On : 13 Nov 2018 18:35
 Operator : SY/AP
 Sample : J5895-03
 Misc : 10.65G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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\82W111218S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	5	9	18	rVB	24662	36133	1.83%	0.203%
2	4.928	484	496	511	rBV2	25794	84174	4.27%	0.474%
3	7.891	972	982	986	rBV	133845	310660	15.76%	1.749%
4	7.952	986	992	1003	rVB	399288	895951	45.44%	5.044%
5	8.165	1016	1027	1036	rBV2	10189	25357	1.29%	0.143%
6	8.311	1041	1051	1064	rVV	118140	261557	13.27%	1.472%
7	8.702	1105	1115	1126	rBV	19129	41035	2.08%	0.231%
8	8.848	1128	1139	1150	rBV	491869	973294	49.37%	5.479%
9	9.336	1206	1219	1225	rBV2	59309	144574	7.33%	0.814%
10	9.616	1256	1265	1272	rBV3	10309	23486	1.19%	0.132%
11	9.756	1282	1288	1298	rVB4	15702	32093	1.63%	0.181%
12	9.854	1299	1304	1308	rBV2	12821	23914	1.21%	0.135%
13	9.903	1308	1312	1317	rVB2	13970	22066	1.12%	0.124%
14	9.964	1317	1322	1326	rBV	45231	83267	4.22%	0.469%
15	10.098	1335	1344	1356	rBV	44140	96644	4.90%	0.544%
16	10.250	1365	1369	1374	rVB	14506	24193	1.23%	0.136%
17	10.329	1374	1382	1397	rBV	606089	1160878	58.88%	6.535%
18	10.445	1397	1401	1405	rVV3	11849	23792	1.21%	0.134%
19	10.506	1405	1411	1418	rVB3	57320	123700	6.27%	0.696%
20	10.671	1433	1438	1441	rBV2	29598	53240	2.70%	0.300%
21	10.756	1441	1452	1463	rVB4	92961	332711	16.88%	1.873%
22	10.854	1463	1468	1473	rVB5	19878	37329	1.89%	0.210%
23	10.939	1473	1482	1487	rBV3	34376	61753	3.13%	0.348%
24	11.043	1487	1499	1506	rBV2	34705	100366	5.09%	0.565%
25	11.110	1506	1510	1513	rBV5	19881	32619	1.65%	0.184%
26	11.146	1513	1516	1518	rVV3	18292	28757	1.46%	0.162%
27	11.183	1518	1522	1526	rVV	64750	108144	5.49%	0.609%
28	11.232	1526	1530	1536	rVV	44644	82775	4.20%	0.466%
29	11.286	1536	1539	1544	rVV2	16201	25896	1.31%	0.146%
30	11.341	1544	1548	1553	rVV	37711	56799	2.88%	0.320%
31	11.414	1553	1560	1572	rVB4	114978	293184	14.87%	1.651%
32	11.518	1572	1577	1582	rBV	95013	156373	7.93%	0.880%
33	11.634	1589	1596	1604	rBV	723998	1217378	61.75%	6.853%
34	11.738	1608	1613	1617	rVV2	65597	116136	5.89%	0.654%

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35	11.817	1621	1626	1628	rVV4	28318	53637	2.72%	0.302%
36	11.853	1628	1632	1633	rVV	49159	75702	3.84%	0.426%
37	11.878	1633	1636	1640	rVV	67272	106127	5.38%	0.597%
38	11.920	1640	1643	1648	rVB2	43661	65157	3.30%	0.367%
39	12.067	1655	1667	1673	rBV4	23349	73317	3.72%	0.413%
40	12.140	1673	1679	1685	rBV2	72017	151406	7.68%	0.852%
41	12.256	1692	1698	1702	rVB	59388	96544	4.90%	0.544%
42	12.341	1702	1712	1715	rBV5	59775	158591	8.04%	0.893%
43	12.384	1715	1719	1724	rVB4	50277	100534	5.10%	0.566%
44	12.469	1729	1733	1736	rVV	41576	83649	4.24%	0.471%
45	12.512	1736	1740	1743	rVV5	50978	111479	5.65%	0.628%
46	12.548	1743	1746	1748	rVV	57329	93709	4.75%	0.528%
47	12.573	1748	1750	1752	rVV	66484	80546	4.09%	0.453%
48	12.622	1752	1758	1767	rVV	527108	979755	49.69%	5.516%
49	12.707	1767	1772	1776	rVV4	23473	38153	1.94%	0.215%
50	12.811	1782	1789	1794	rVB	123034	218913	11.10%	1.232%
51	12.908	1800	1805	1808	rBV	106512	179798	9.12%	1.012%
52	12.945	1808	1811	1817	rVV	129340	216536	10.98%	1.219%
53	13.000	1817	1820	1827	rVB4	26921	39666	2.01%	0.223%
54	13.109	1829	1838	1845	rBV2	50238	149763	7.60%	0.843%
55	13.170	1845	1848	1856	rVB4	35500	63217	3.21%	0.356%
56	13.256	1856	1862	1867	rBV	313041	480447	24.37%	2.705%
57	13.304	1867	1870	1874	rVB3	20424	29639	1.50%	0.167%
58	13.378	1875	1882	1886	rBV4	24379	65235	3.31%	0.367%
59	13.451	1891	1894	1898	rVB4	23758	33604	1.70%	0.189%
60	13.493	1898	1901	1904	rBV2	26026	35171	1.78%	0.198%
61	13.560	1904	1912	1931	rVB2	847412	1971544	100.00%	11.099%
62	13.725	1934	1939	1941	rBV	79599	114258	5.80%	0.643%
63	13.762	1941	1945	1949	rVV	187560	296293	15.03%	1.668%
64	13.804	1949	1952	1961	rVB3	139377	295858	15.01%	1.666%
65	13.890	1961	1966	1970	rBV4	43389	73546	3.73%	0.414%
66	13.957	1973	1977	1981	rVB	38601	49450	2.51%	0.278%
67	14.018	1983	1987	1990	rBV	73311	113235	5.74%	0.637%
68	14.103	1995	2001	2006	rVB	263843	424319	21.52%	2.389%
69	14.164	2006	2011	2015	rBV	50996	74206	3.76%	0.418%
70	14.213	2015	2019	2025	rVB2	199383	318343	16.15%	1.792%
71	14.280	2025	2030	2035	rVB6	18191	37089	1.88%	0.209%

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72	14.347	2035	2041	2046	rBV2	61210	117092	5.94%	0.659%
73	14.426	2046	2054	2058	rBV	143295	256250	13.00%	1.443%
74	14.463	2058	2060	2064	rVB	83009	102876	5.22%	0.579%
75	14.505	2064	2067	2071	rBV	61411	83308	4.23%	0.469%
76	14.548	2071	2074	2079	rVB4	36793	55448	2.81%	0.312%
77	14.609	2080	2084	2087	rBV3	15816	23023	1.17%	0.130%
78	14.652	2087	2091	2094	rBV	26777	32630	1.66%	0.184%
79	14.694	2094	2098	2103	rBV	181908	317384	16.10%	1.787%
80	14.816	2110	2118	2123	rBV2	267154	561534	28.48%	3.161%
81	14.865	2123	2126	2133	rVB2	59219	105865	5.37%	0.596%
82	14.969	2138	2143	2149	rVV2	31999	59761	3.03%	0.336%
83	15.036	2149	2154	2155	rVV2	45986	64216	3.26%	0.362%
84	15.072	2155	2160	2164	rVV3	124242	271519	13.77%	1.529%
85	15.109	2164	2166	2172	rVV	62668	112229	5.69%	0.632%
86	15.188	2172	2179	2186	rVB3	99483	231008	11.72%	1.300%
87	15.335	2198	2203	2205	rBV3	20538	33187	1.68%	0.187%
88	15.377	2205	2210	2215	rVB	62485	107428	5.45%	0.605%
89	15.481	2222	2227	2231	rBV4	29134	58686	2.98%	0.330%
90	15.664	2249	2257	2265	rBV	45658	95660	4.85%	0.539%
91	15.834	2275	2285	2289	rBV4	23261	68524	3.48%	0.386%
92	16.042	2312	2319	2332	rVB5	17389	54674	2.77%	0.308%
93	16.456	2379	2387	2400	rVB	99195	221832	11.25%	1.249%
94	16.657	2412	2420	2430	rVB	37759	90488	4.59%	0.509%

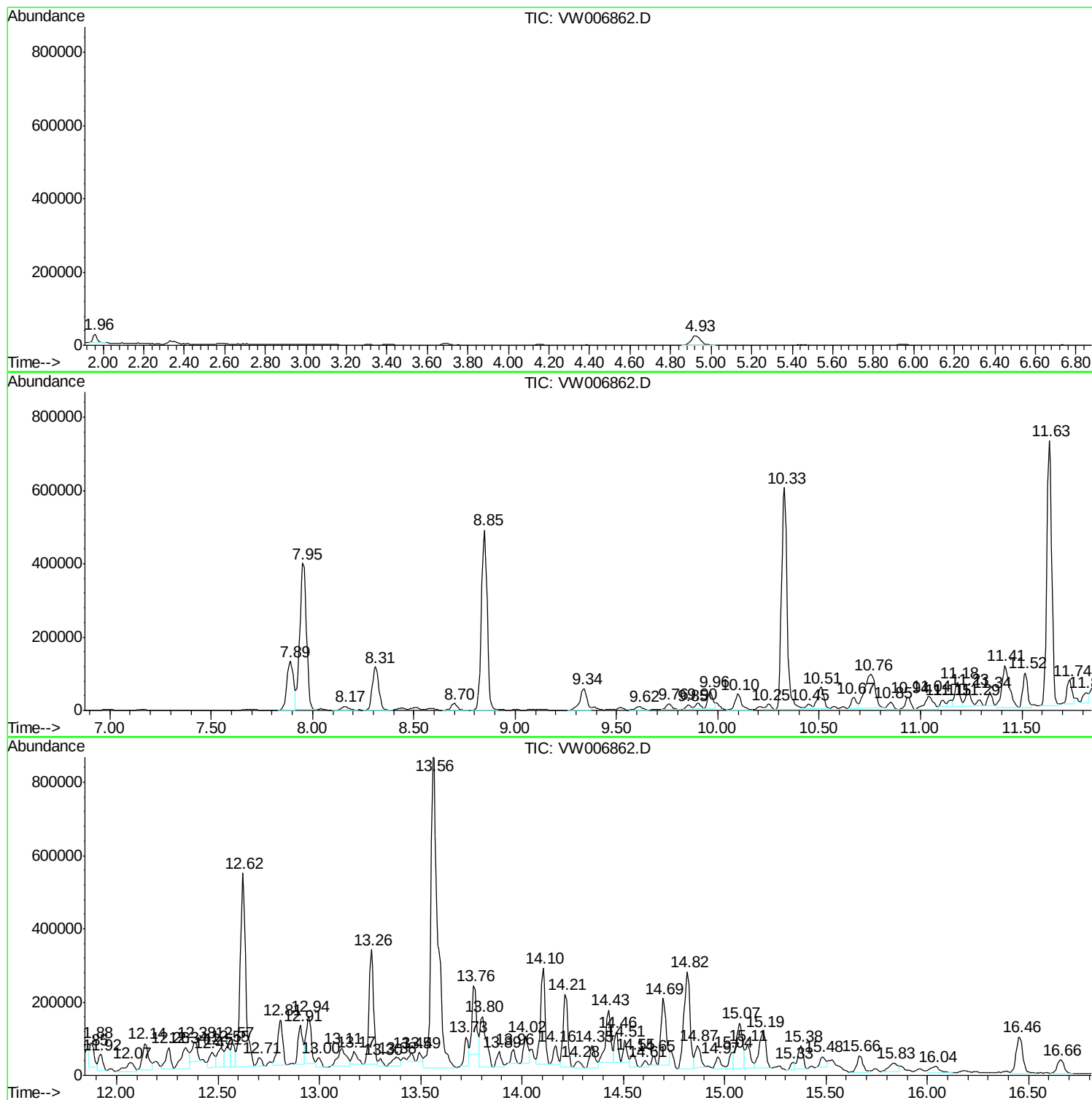
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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



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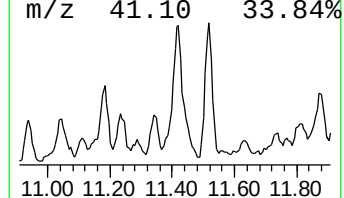
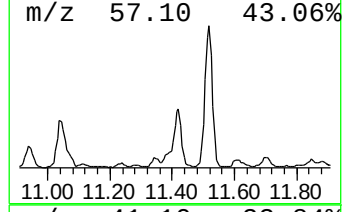
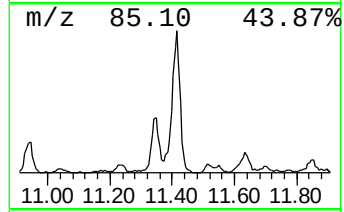
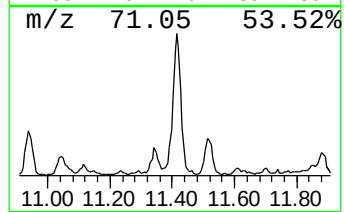
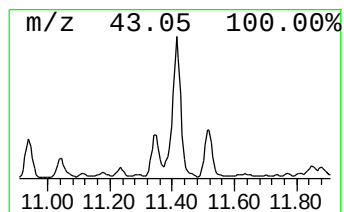
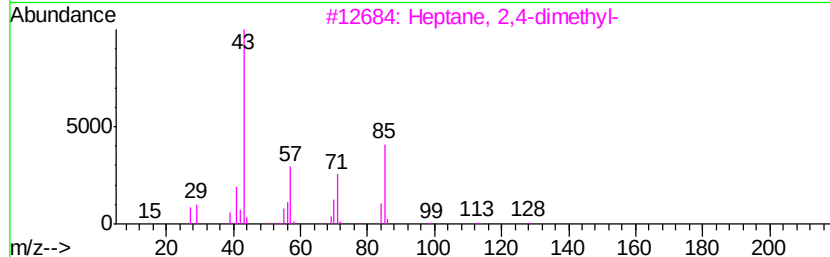
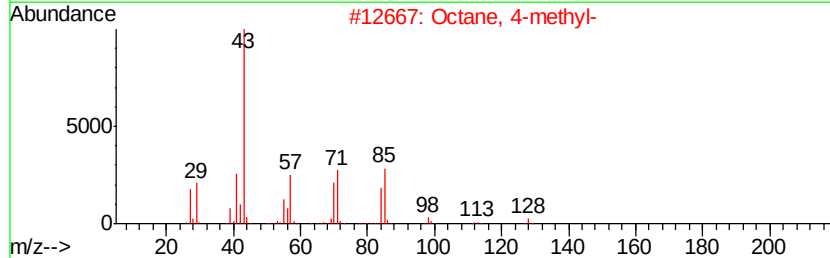
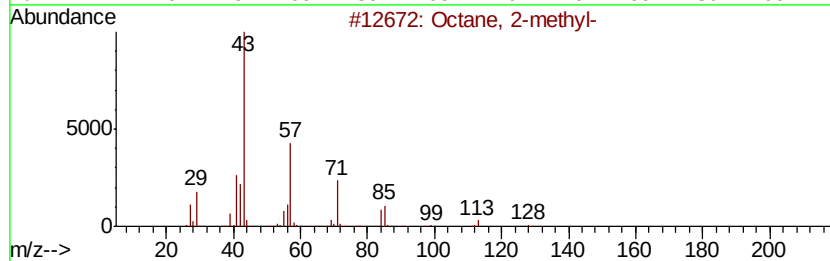
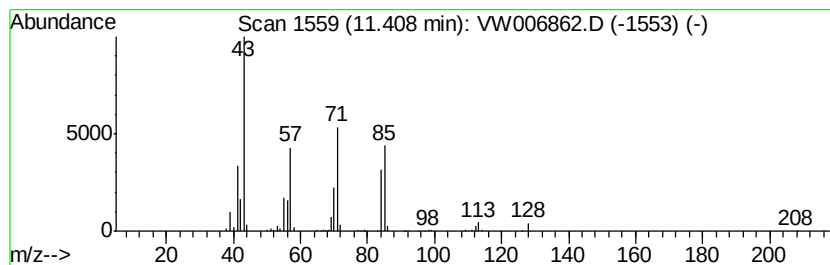
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	12.04 ug/l	293184	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2		Octane, 4-methyl-	128	C9H20	002216-34-4	80
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	59
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



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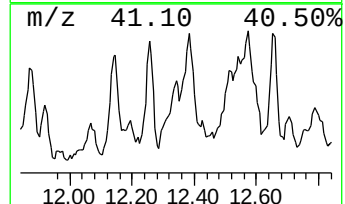
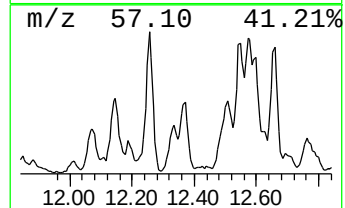
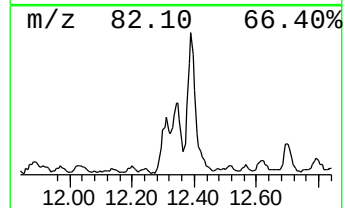
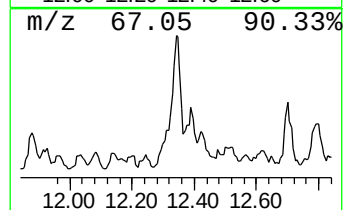
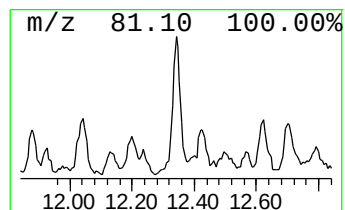
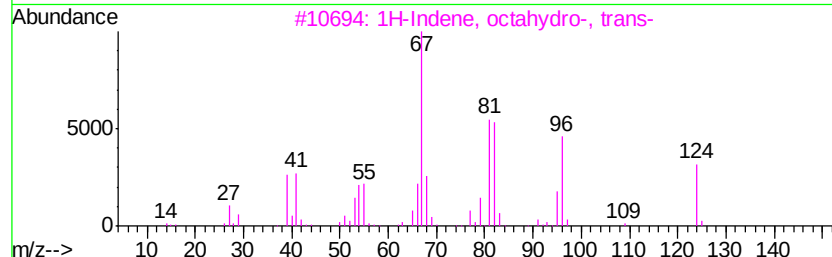
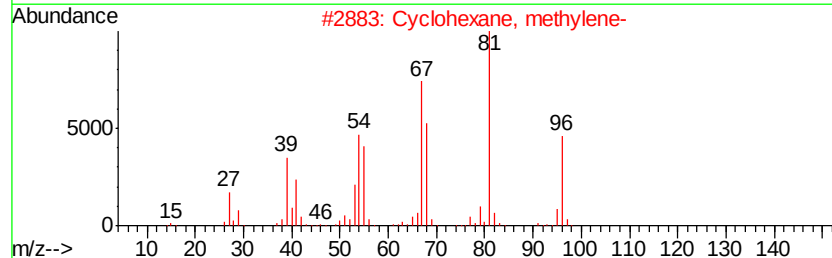
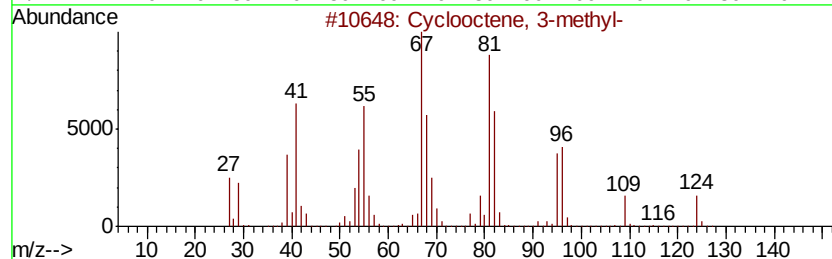
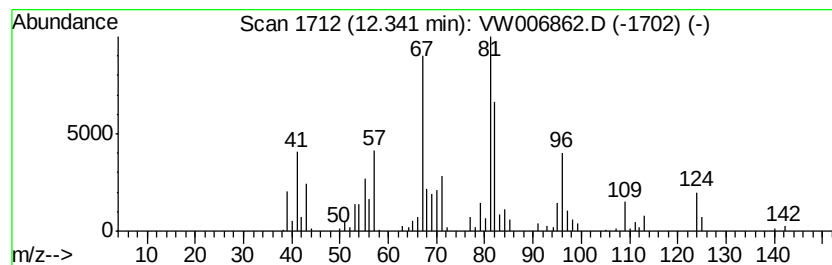
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Cyclooctene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	6.51 ug/l	158591	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
2		Cyclohexane, methylene-	96	C7H12	001192-37-6	52
3		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
5		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38



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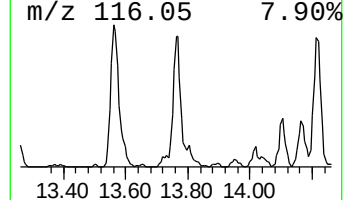
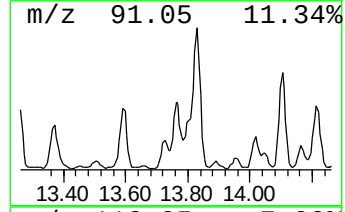
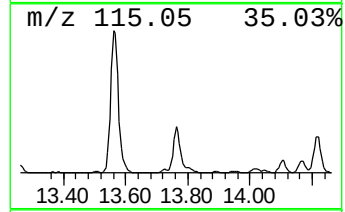
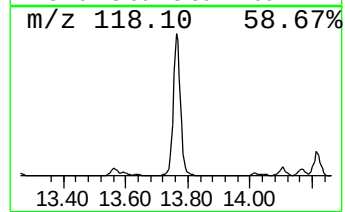
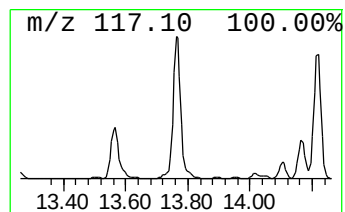
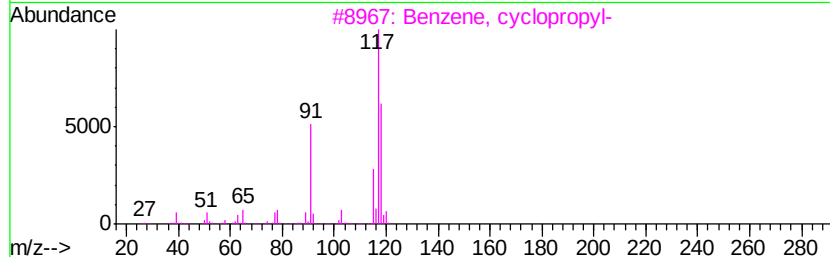
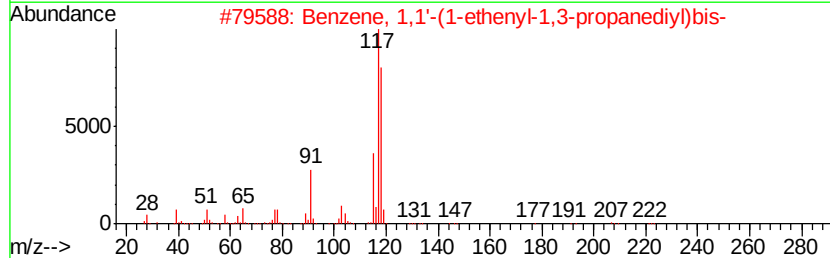
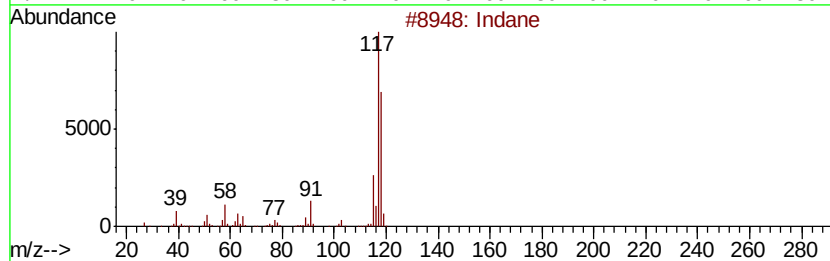
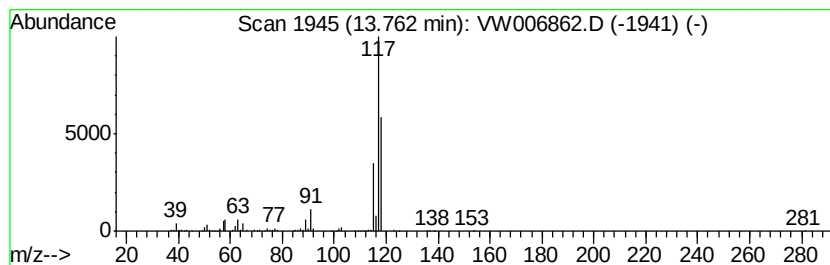
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 4 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.51 ug/l	296293	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	83
2		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	74
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53



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ClientSampleId :
SB-2

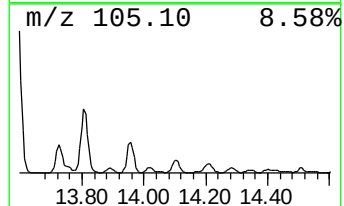
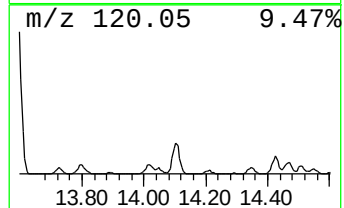
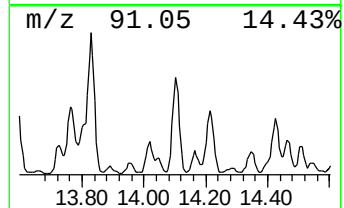
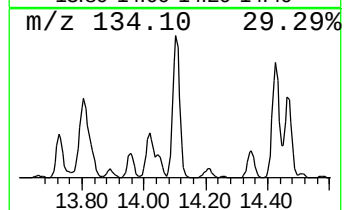
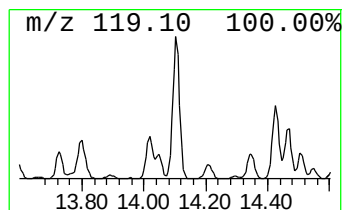
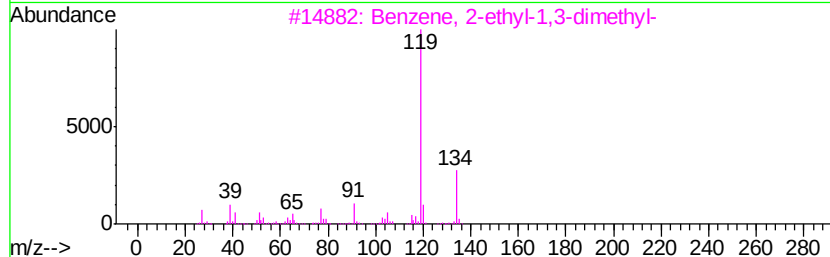
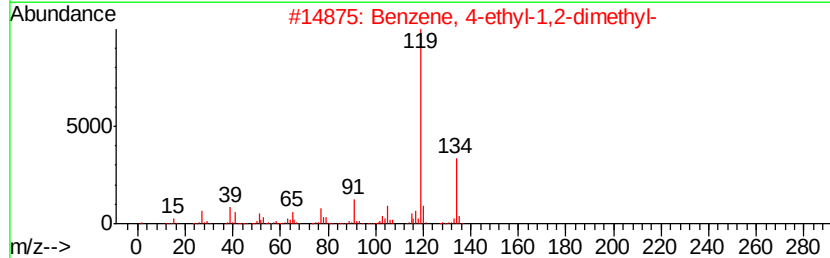
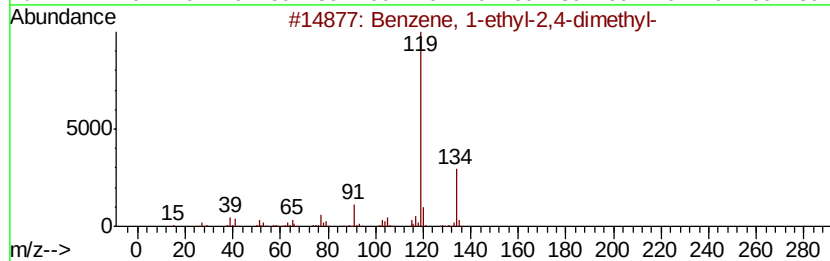
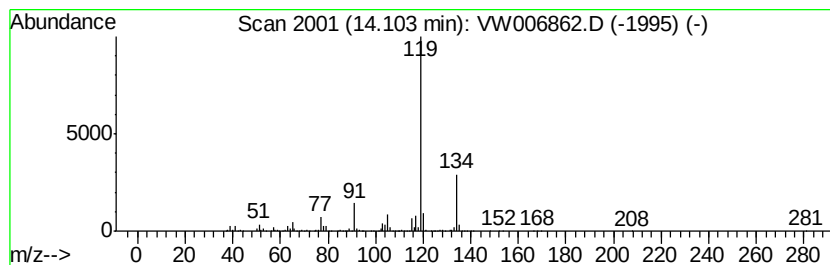
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	10.76 ug/l	424319	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	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006862.D
Acq On : 13 Nov 2018 18:35
Operator : SY/AP
Sample : J5895-03
Misc : 10.65G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

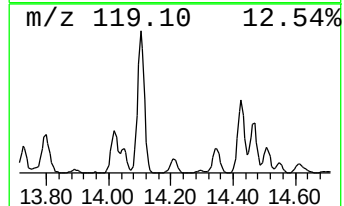
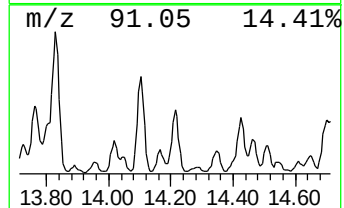
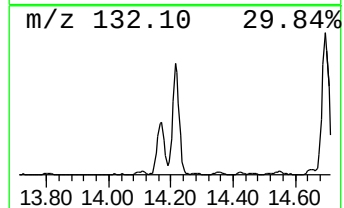
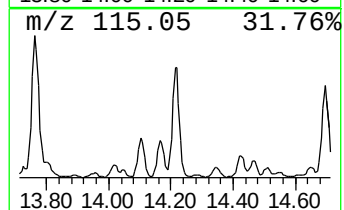
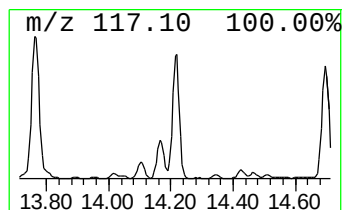
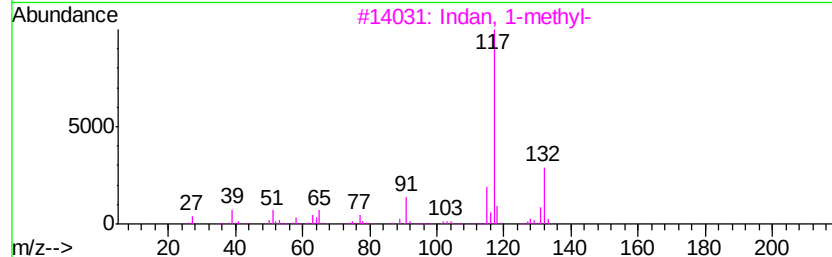
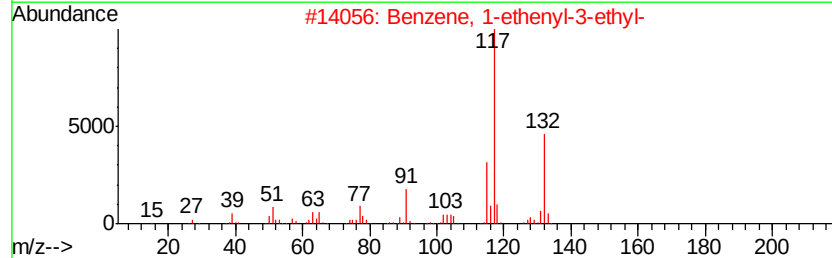
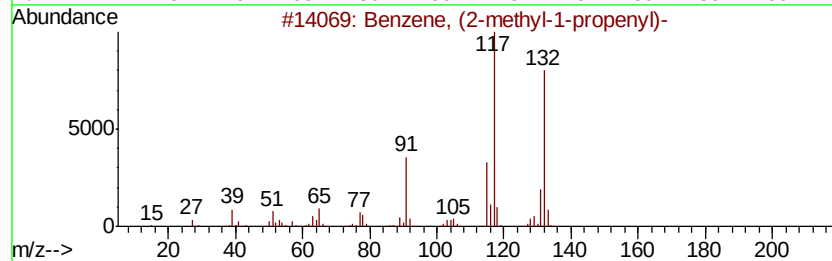
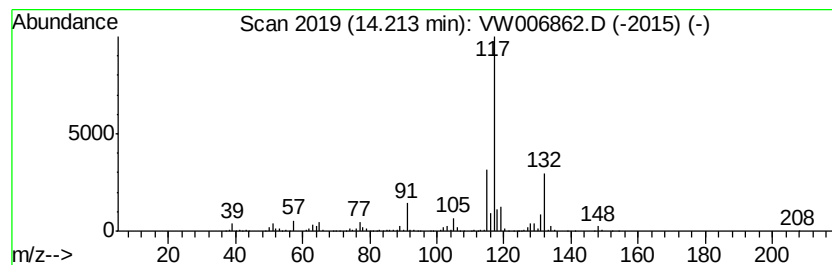
Instrument :
MSVOA_W
ClientSampleId :
SB-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.07 ug/l	318343	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 87
2		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 87
3		Indan, 1-methyl-	132 C10H12	000767-58-8 87
4		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 83
5		1H-Indene, 2,3-dihydro-2-methyl-	132 C10H12	000824-63-5 80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006862.D
Acq On : 13 Nov 2018 18:35
Operator : SY/AP
Sample : J5895-03
Misc : 10.65G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
SB-2

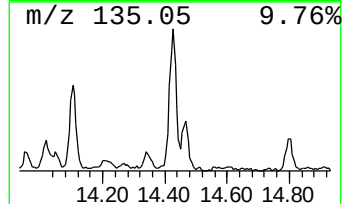
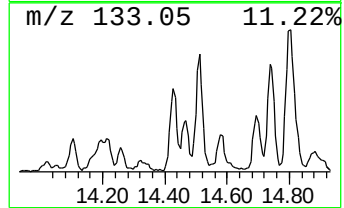
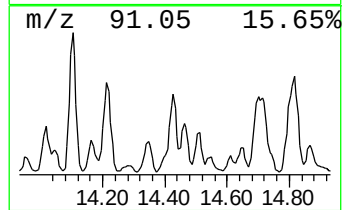
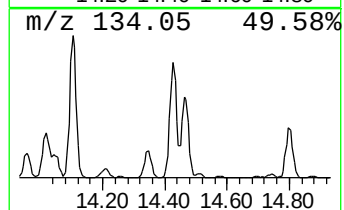
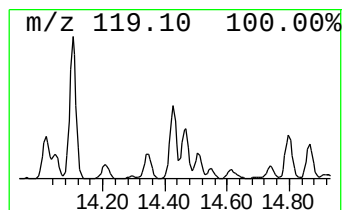
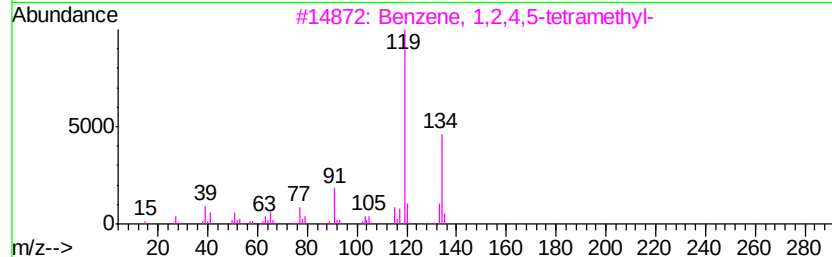
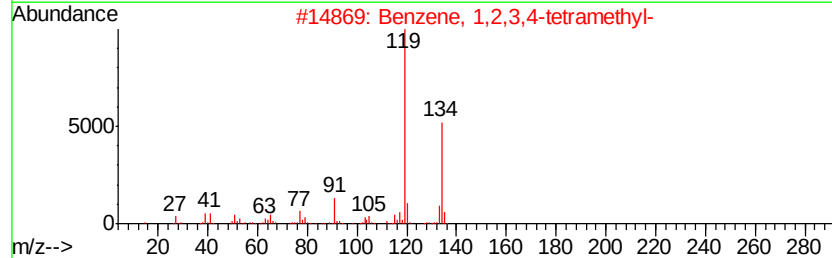
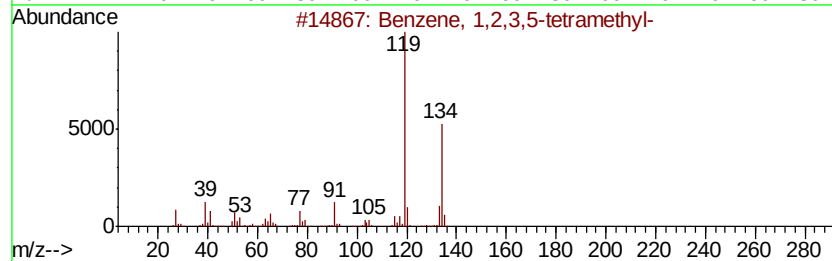
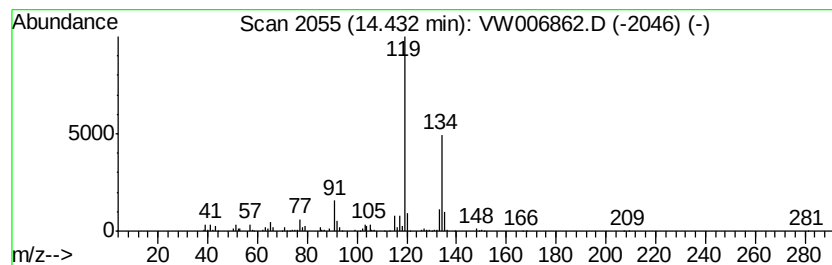
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	6.50 ug/l	256250	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006862.D
Acq On : 13 Nov 2018 18:35
Operator : SY/AP
Sample : J5895-03
Misc : 10.65G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

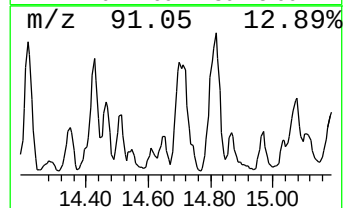
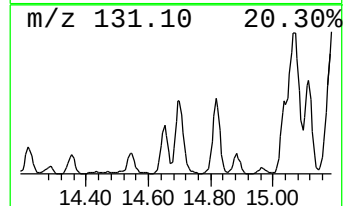
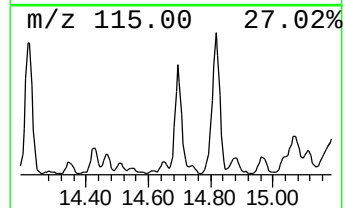
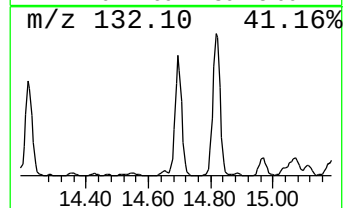
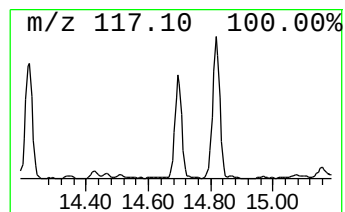
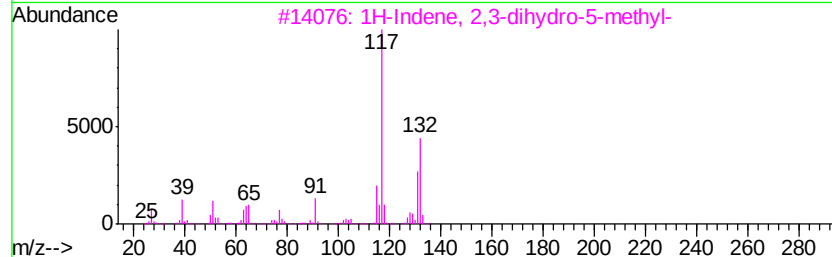
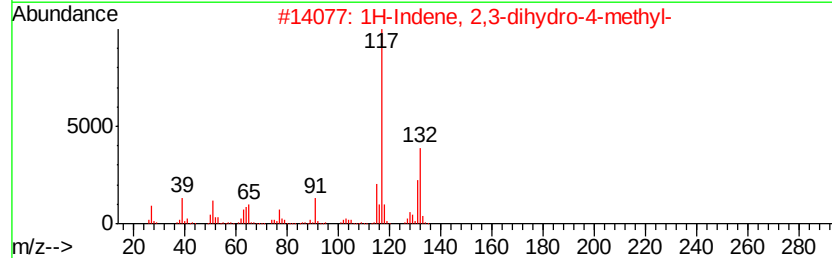
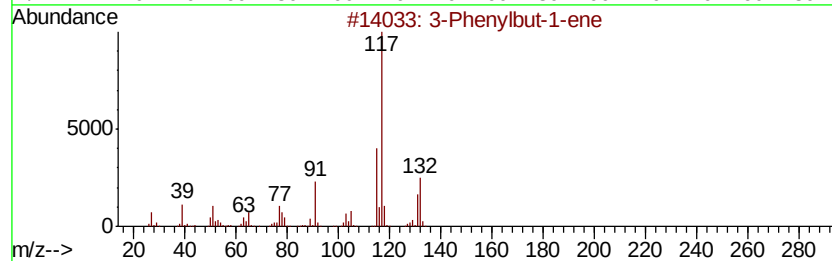
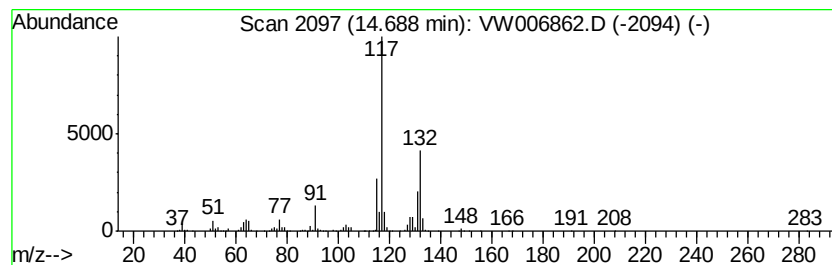
Instrument :
MSVOA_W
ClientSampled :
SB-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.05 ug/l	317384	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	87
4	Indan, 1-methyl-	132 C10H12	000767-58-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006862.D
Acq On : 13 Nov 2018 18:35
Operator : SY/AP
Sample : J5895-03
Misc : 10.65G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

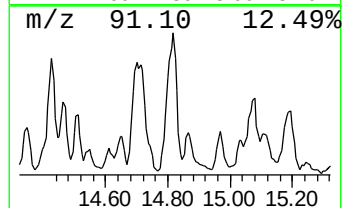
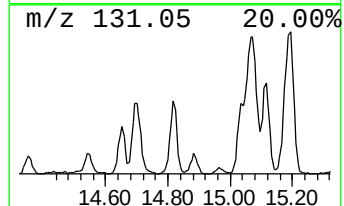
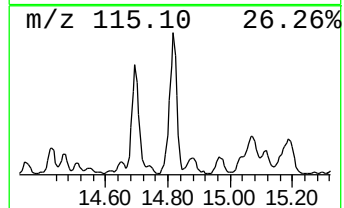
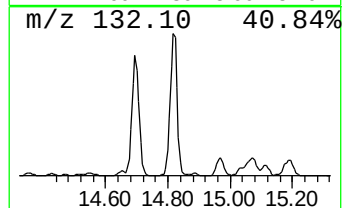
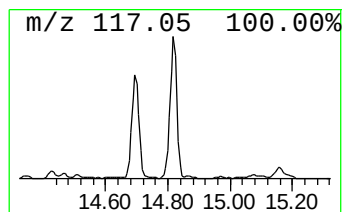
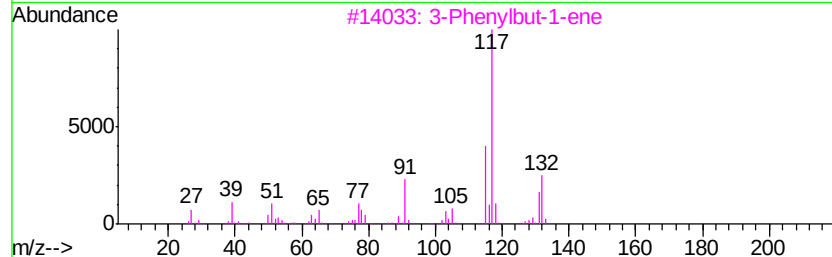
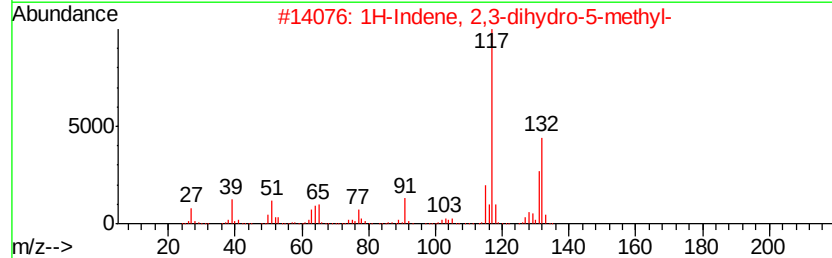
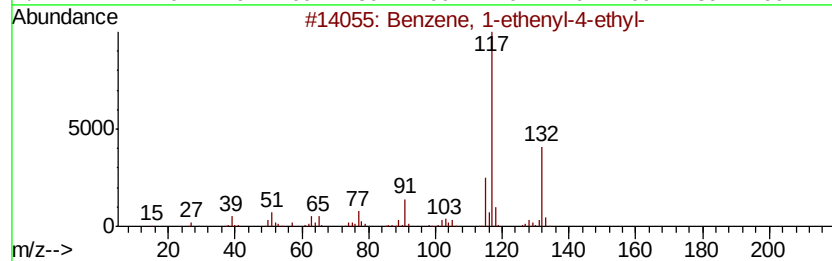
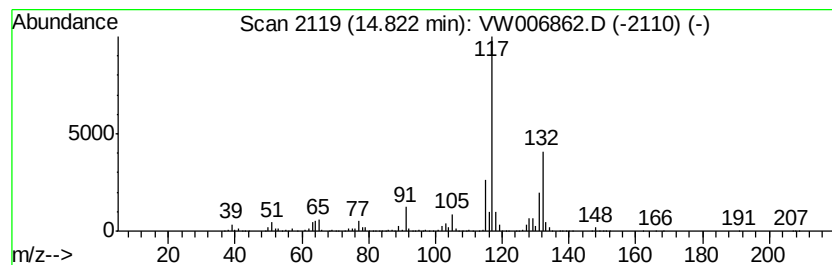
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	14.24 ug/l	561534	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 94
2		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 91
3		3-Phenylbut-1-ene	132 C10H12	000934-10-1 90
4		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 87
5		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006862.D
Acq On : 13 Nov 2018 18:35
Operator : SY/AP
Sample : J5895-03
Misc : 10.65G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-2

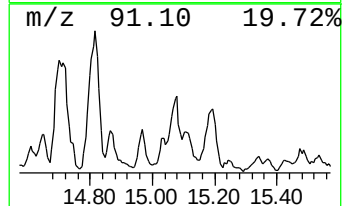
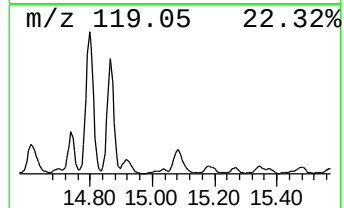
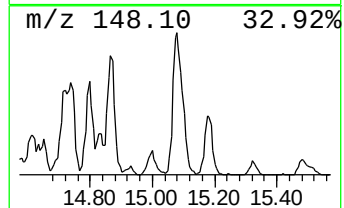
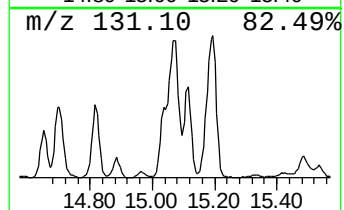
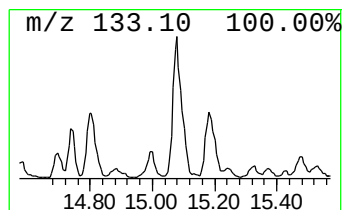
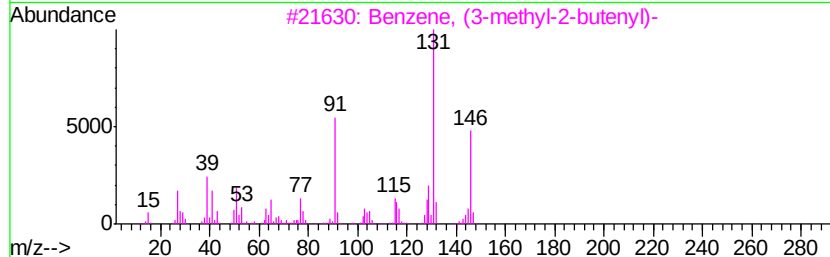
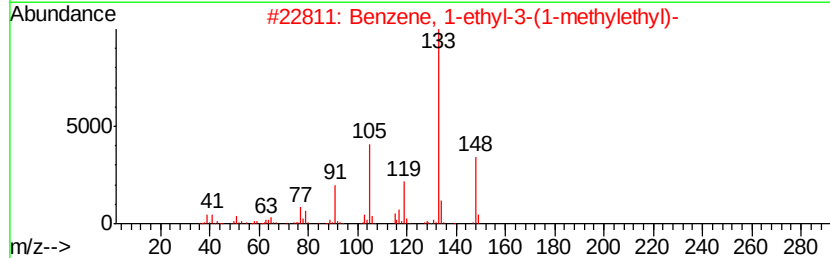
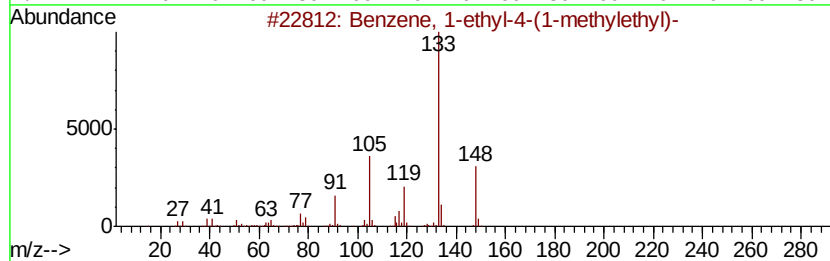
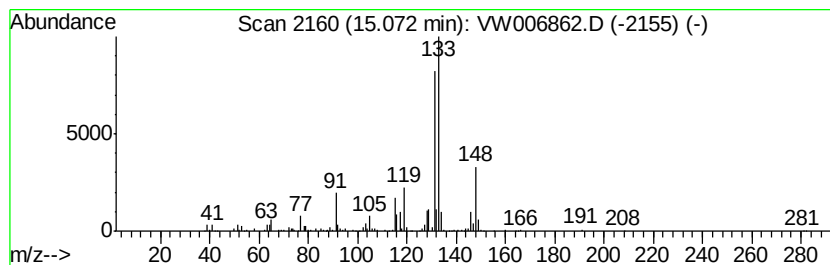
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.89 ug/l	271519	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	55
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111318\
Data File : VW006862.D
Acq On : 13 Nov 2018 18:35
Operator : SY/AP
Sample : J5895-03
Misc : 10.65G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclooctene, 3-me...	12.34	6.5	ug/l	158591	3	11.63	1217380	50.0
Indane	13.76	7.5	ug/l	296293	4	13.56	1971540	50.0
Benzene, 1-ethyl-...	14.10	10.8	ug/l	424319	4	13.56	1971540	50.0
Benzene, (2-methy...	14.21	8.1	ug/l	318343	4	13.56	1971540	50.0
Benzene, 1,2,3,5-...	14.43	6.5	ug/l	256250	4	13.56	1971540	50.0
3-Phenylbut-1-ene	14.69	8.1	ug/l	317384	4	13.56	1971540	50.0
Benzene, 1-etheny...	14.82	14.2	ug/l	561534	4	13.56	1971540	50.0
Benzene, 1-ethyl-...	15.07	6.9	ug/l	271519	4	13.56	1971540	50.0