

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007717.D
 Acq On : 19 Dec 2018 23:03
 Operator : SY/AP
 Sample : J6392-08
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB103-121118-(25-27)

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\82W122118S.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	4.952	475	500	526	rBV2	139925	665308	7.86%	0.677%
2	5.434	564	579	603	rBV	121047	460896	5.45%	0.469%
3	6.872	804	815	826	rVV	159208	553131	6.54%	0.563%
4	6.982	826	833	852	rVV2	39200	142174	1.68%	0.145%
5	7.702	944	951	968	rVB3	28076	95790	1.13%	0.098%
6	7.933	968	989	997	rBV4	215741	871296	10.29%	0.887%
7	8.031	997	1005	1018	rVV	580524	1589161	18.78%	1.618%
8	8.153	1018	1025	1034	rVB	739362	1670286	19.74%	1.701%
9	8.317	1044	1052	1061	rVB3	95175	251207	2.97%	0.256%
10	8.482	1061	1079	1104	rBV	2360209	8463492	100.00%	8.618%
11	8.665	1104	1109	1127	rVB3	35145	91516	1.08%	0.093%
12	8.842	1127	1138	1148	rBV	292075	679071	8.02%	0.691%
13	9.067	1169	1175	1180	rBV	45564	95314	1.13%	0.097%
14	9.146	1180	1188	1204	rVB2	57912	188629	2.23%	0.192%
15	9.329	1204	1218	1223	rBV2	659191	1833368	21.66%	1.867%
16	9.384	1223	1227	1236	rVB	734616	1484924	17.55%	1.512%
17	9.470	1236	1241	1246	rBV	90985	181620	2.15%	0.185%
18	9.610	1254	1264	1273	rBV3	208938	610904	7.22%	0.622%
19	9.762	1281	1289	1301	rVB	1488138	3444305	40.70%	3.507%
20	9.896	1301	1311	1322	rBV	1719916	4208197	49.72%	4.285%
21	9.994	1322	1327	1335	rVB2	544938	1046234	12.36%	1.065%
22	10.098	1335	1344	1358	rBV3	632707	1933635	22.85%	1.969%
23	10.250	1358	1369	1376	rBV2	498930	1103446	13.04%	1.124%
24	10.323	1376	1381	1392	rVB	622872	1493919	17.65%	1.521%
25	10.445	1392	1401	1404	rBV	256942	516054	6.10%	0.525%
26	10.488	1404	1408	1417	rVB3	294761	769441	9.09%	0.783%
27	10.610	1423	1428	1433	rVB3	90350	160558	1.90%	0.163%
28	10.671	1433	1438	1444	rBV	139018	282808	3.34%	0.288%
29	10.750	1444	1451	1462	rBV6	477324	1509450	17.83%	1.537%
30	10.847	1462	1467	1473	rVB	290834	519914	6.14%	0.529%
31	10.939	1473	1482	1487	rBV2	263183	544741	6.44%	0.555%
32	11.006	1487	1493	1494	rBV2	127912	221576	2.62%	0.226%
33	11.036	1494	1498	1506	rVB	394683	789727	9.33%	0.804%
34	11.110	1506	1510	1513	rBV3	140784	219663	2.60%	0.224%

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35	11.146	1513	1516	1519	rBV3	77318	102367	1.21%	0.104%
36	11.231	1526	1530	1535	rVB4	130364	226796	2.68%	0.231%
37	11.286	1535	1539	1544	rVB2	113790	181998	2.15%	0.185%
38	11.341	1544	1548	1551	rBV	201115	280504	3.31%	0.286%
39	11.408	1551	1559	1563	rBV	484520	990049	11.70%	1.008%
40	11.512	1571	1576	1586	rBV	524053	1032222	12.20%	1.051%
41	11.634	1589	1596	1601	rVV2	347236	721927	8.53%	0.735%
42	11.731	1602	1612	1621	rVV	2334430	4391862	51.89%	4.472%
43	11.811	1621	1625	1630	rVV4	167612	362785	4.29%	0.369%
44	11.878	1630	1636	1640	rVV4	297674	581114	6.87%	0.592%
45	11.920	1640	1643	1647	rVB2	129251	188221	2.22%	0.192%
46	12.073	1663	1668	1673	rVB3	125803	232506	2.75%	0.237%
47	12.140	1673	1679	1685	rBV3	254400	512299	6.05%	0.522%
48	12.256	1693	1698	1702	rVB	158350	287716	3.40%	0.293%
49	12.335	1702	1711	1716	rBV6	186326	516566	6.10%	0.526%
50	12.469	1727	1733	1738	rBV	808076	1341417	15.85%	1.366%
51	12.652	1761	1763	1767	rVB	176730	211546	2.50%	0.215%
52	12.701	1767	1771	1776	rVB5	111096	196446	2.32%	0.200%
53	12.756	1776	1780	1783	rBV	66835	112520	1.33%	0.115%
54	12.810	1783	1789	1794	rVB	1751678	2792520	32.99%	2.843%
55	12.945	1801	1811	1818	rBV	2558172	4314191	50.97%	4.393%
56	13.109	1829	1838	1845	rBV	1285404	2173822	25.68%	2.213%
57	13.255	1857	1862	1866	rVB	167736	252307	2.98%	0.257%
58	13.304	1866	1870	1874	rBV2	65804	134363	1.59%	0.137%
59	13.371	1874	1881	1890	rVV3	353768	1024854	12.11%	1.044%
60	13.444	1890	1893	1897	rVB	153224	210734	2.49%	0.215%
61	13.499	1897	1902	1908	rVB3	180874	322311	3.81%	0.328%
62	13.560	1908	1912	1916	rBV	249677	331264	3.91%	0.337%
63	13.725	1933	1939	1941	rBV	804400	1272172	15.03%	1.295%
64	13.755	1941	1944	1947	rVV2	1872051	2996041	35.40%	3.051%
65	13.798	1947	1951	1960	rVB2	2414130	4490552	53.06%	4.572%
66	13.883	1960	1965	1971	rBV2	234777	411960	4.87%	0.419%
67	13.957	1971	1977	1982	rVV	575871	951408	11.24%	0.969%
68	14.018	1982	1987	1995	rVB2	646724	1240778	14.66%	1.263%
69	14.103	1995	2001	2007	rBV	2080389	3160297	37.34%	3.218%
70	14.164	2007	2011	2014	rVV	208641	316563	3.74%	0.322%
71	14.213	2014	2019	2024	rVV2	935073	1545040	18.26%	1.573%

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72	14.280	2024	2030	2036	rVV5	112032	273480	3.23%	0.278%
73	14.347	2036	2041	2045	rVB4	101095	167247	1.98%	0.170%
74	14.426	2045	2054	2057	rBV	1224383	2139346	25.28%	2.178%
75	14.463	2057	2060	2064	rVV	1528686	2224764	26.29%	2.265%
76	14.505	2064	2067	2071	rVV	606371	907928	10.73%	0.924%
77	14.548	2071	2074	2077	rVV	374229	534465	6.31%	0.544%
78	14.578	2077	2079	2082	rVV	119656	157388	1.86%	0.160%
79	14.645	2086	2090	2094	rVV	401014	591609	6.99%	0.602%
80	14.694	2094	2098	2102	rVV2	725303	1256025	14.84%	1.279%
81	14.737	2102	2105	2109	rVB	446019	642814	7.60%	0.655%
82	14.810	2109	2117	2122	rBV3	924035	2372819	28.04%	2.416%
83	14.865	2122	2126	2139	rVB	363020	728303	8.61%	0.742%
84	15.072	2150	2160	2172	rBV2	784107	2467936	29.16%	2.513%
85	15.182	2172	2178	2185	rVB2	564358	1286071	15.20%	1.310%
86	15.334	2197	2203	2206	rBV4	89611	188949	2.23%	0.192%
87	15.371	2206	2209	2214	rVB	126345	201467	2.38%	0.205%
88	15.481	2221	2227	2231	rBV2	231200	412015	4.87%	0.420%
89	15.529	2231	2235	2239	rBV2	96434	163839	1.94%	0.167%
90	15.664	2249	2257	2264	rBV	316376	642305	7.59%	0.654%
91	15.834	2274	2285	2295	rBV4	156669	568378	6.72%	0.579%
92	15.956	2300	2305	2311	rVV	139510	270984	3.20%	0.276%
93	16.035	2311	2318	2325	rVB4	112915	287630	3.40%	0.293%
94	16.182	2333	2342	2347	rBV2	48123	125983	1.49%	0.128%
95	16.450	2380	2386	2391	rBV2	67005	132502	1.57%	0.135%
96	16.651	2410	2419	2431	rVB	148378	360620	4.26%	0.367%

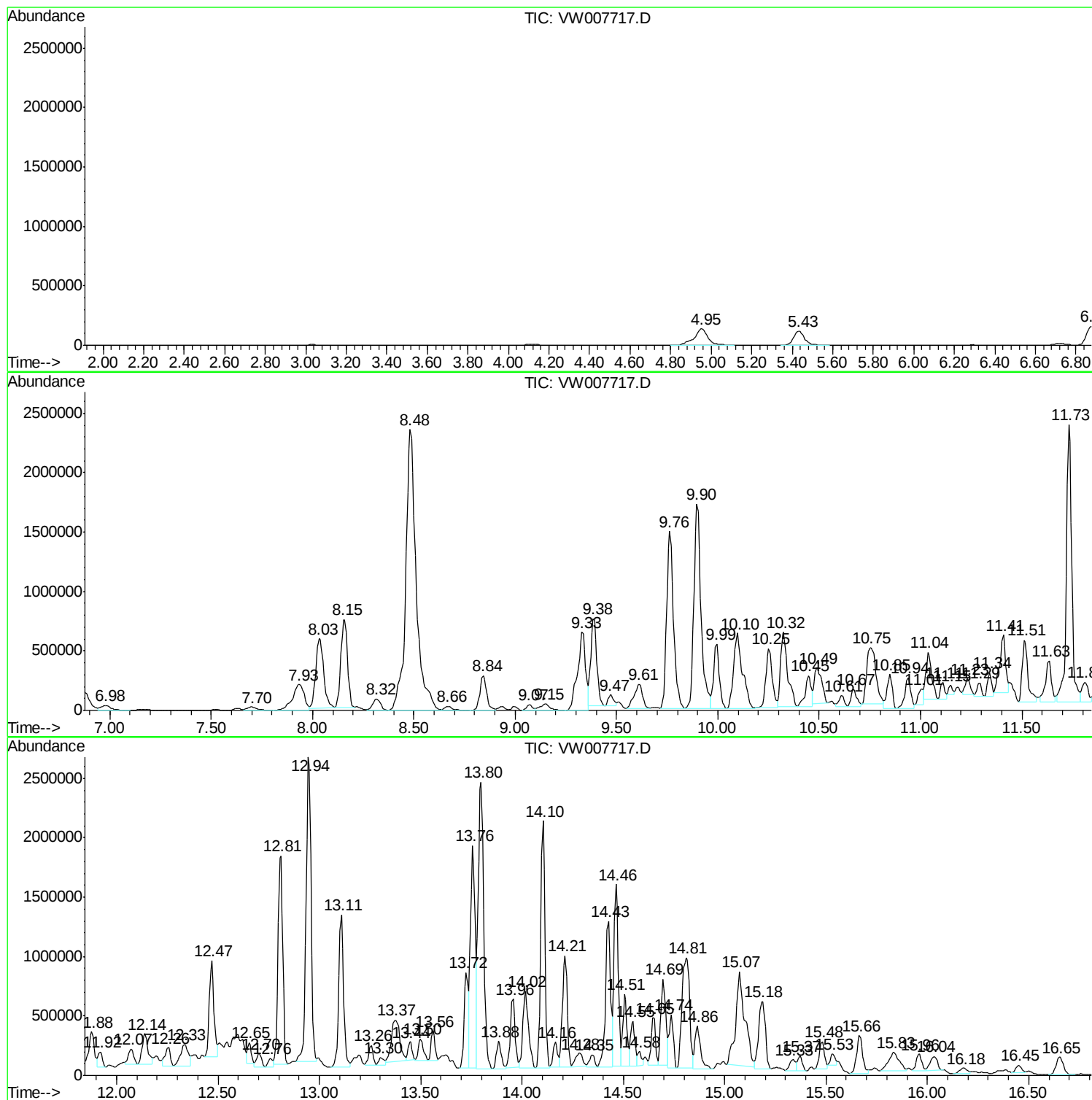
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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



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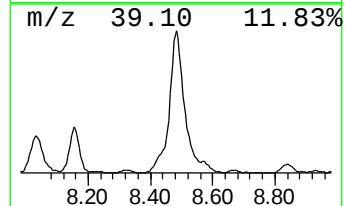
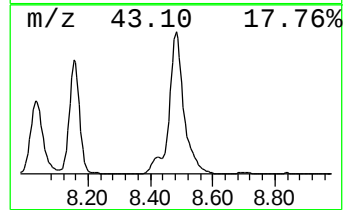
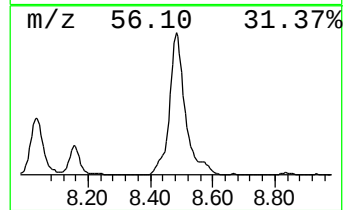
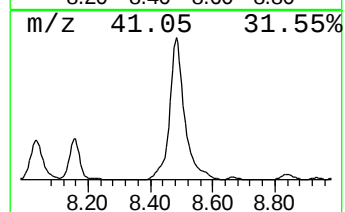
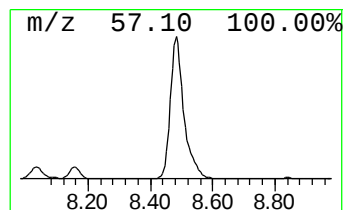
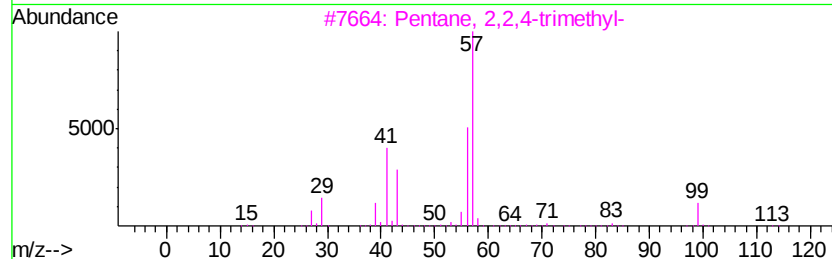
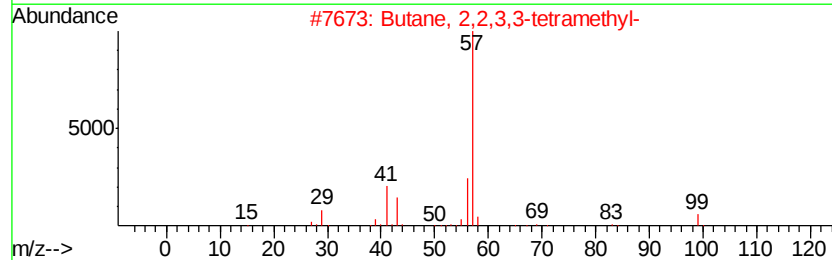
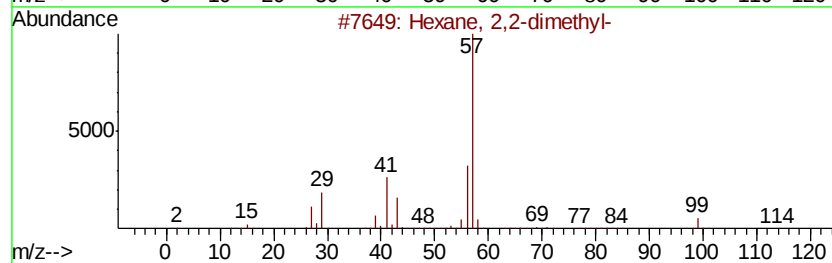
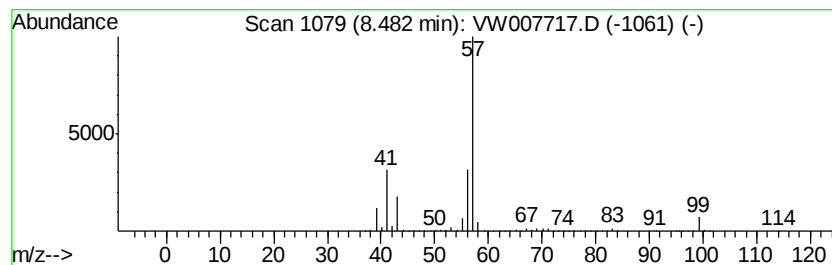
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	623.17 ug/l	8463490	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



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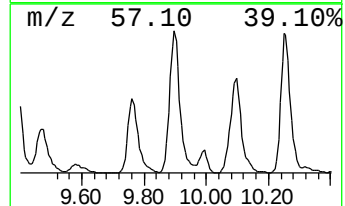
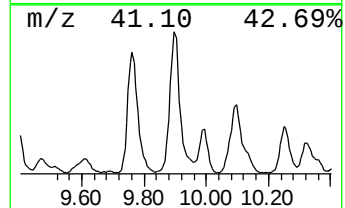
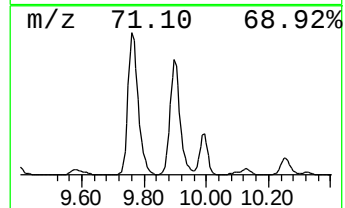
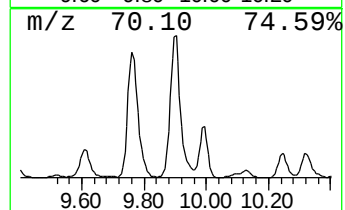
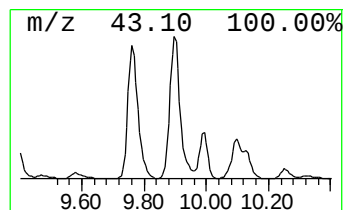
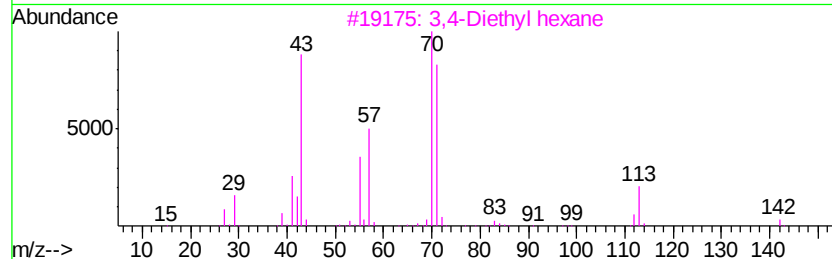
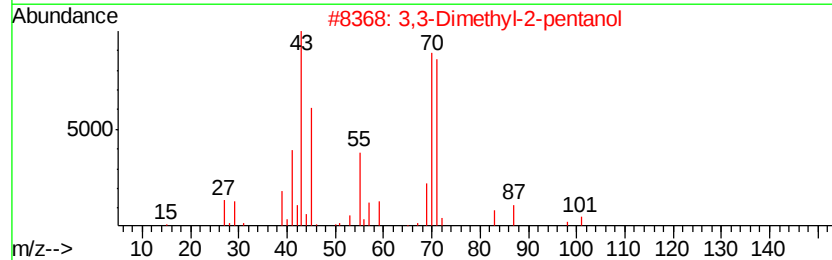
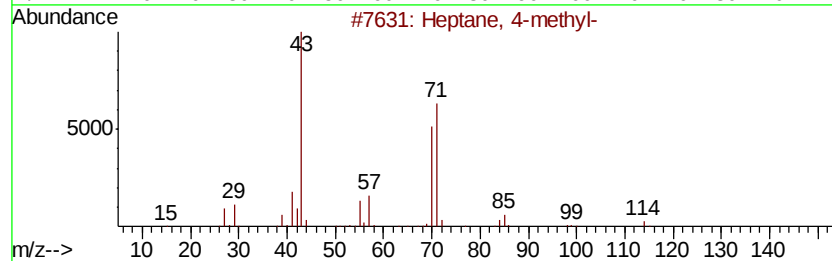
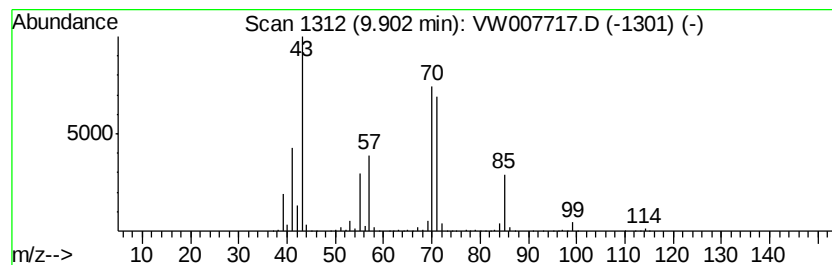
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Peak Number 2 Heptane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	309.85 ug/l	4208200	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
2		3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
3		3,4-Diethyl hexane	142	C10H22	019398-77-7	64
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



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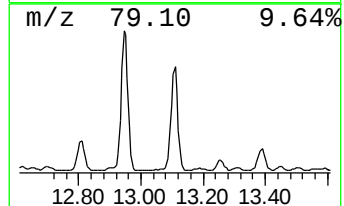
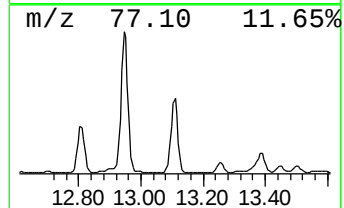
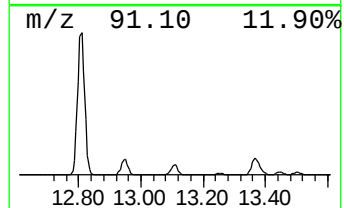
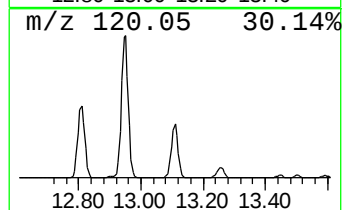
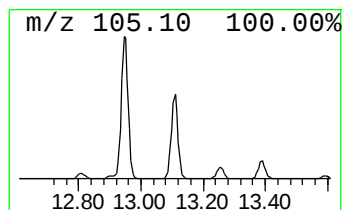
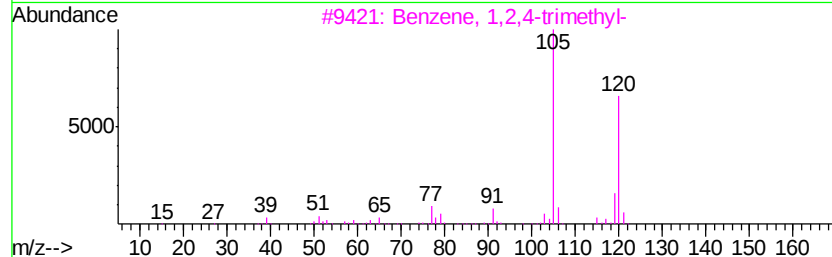
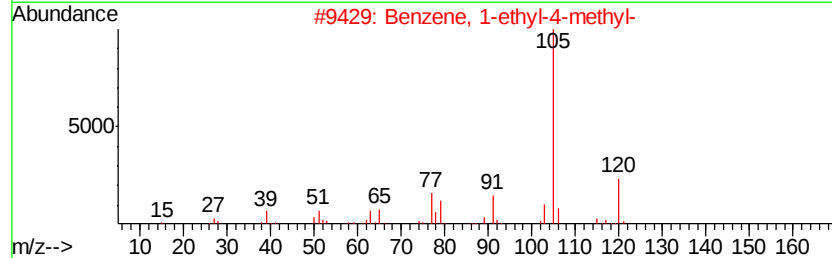
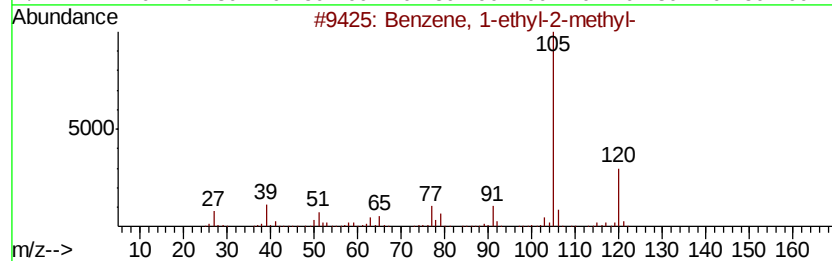
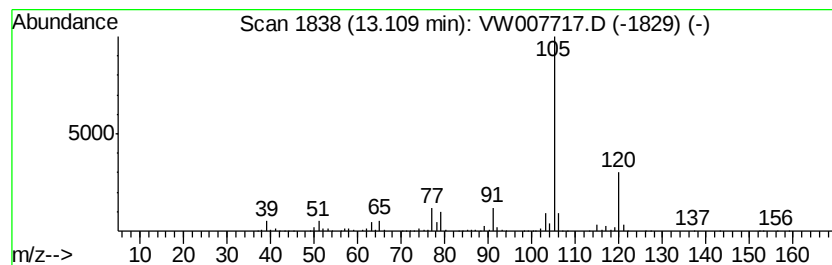
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	328.11 ug/l	2173820	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	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007717.D
Acq On : 19 Dec 2018 23:03
Operator : SY/AP
Sample : J6392-08
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

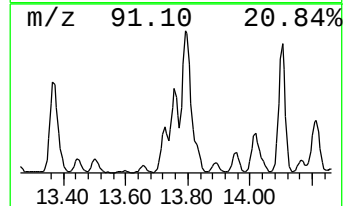
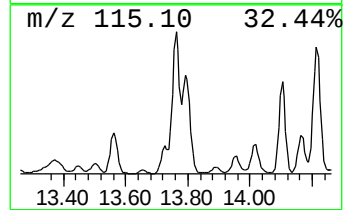
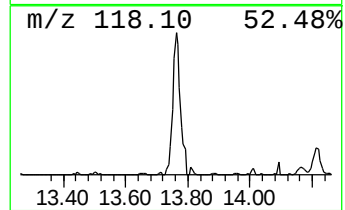
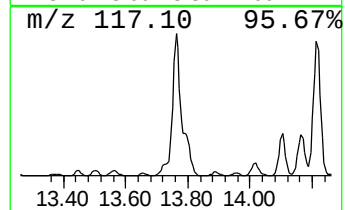
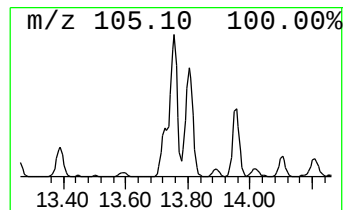
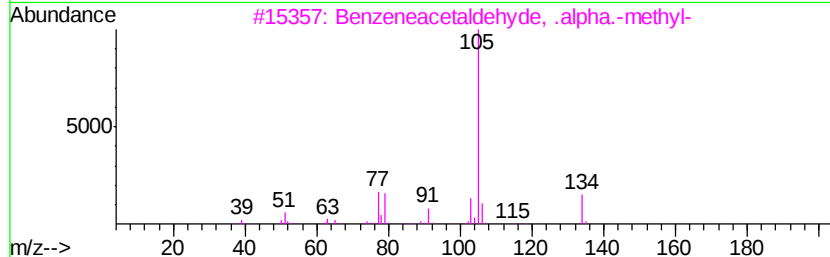
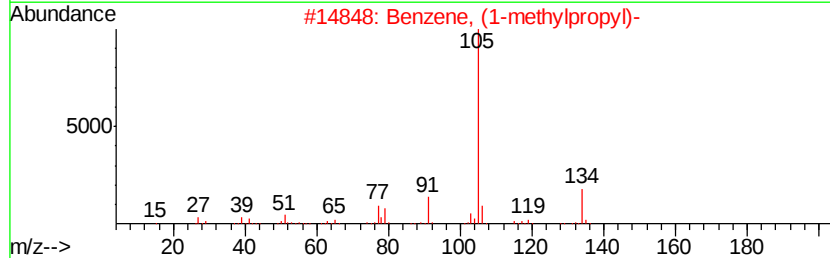
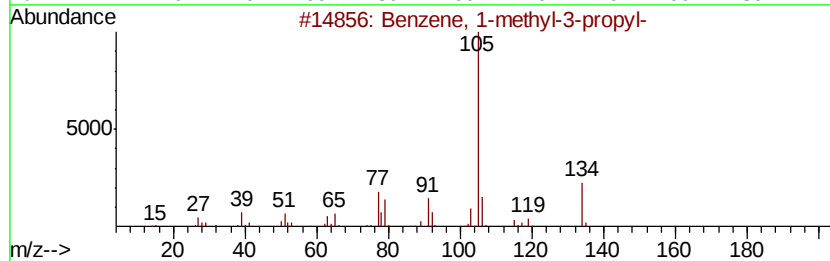
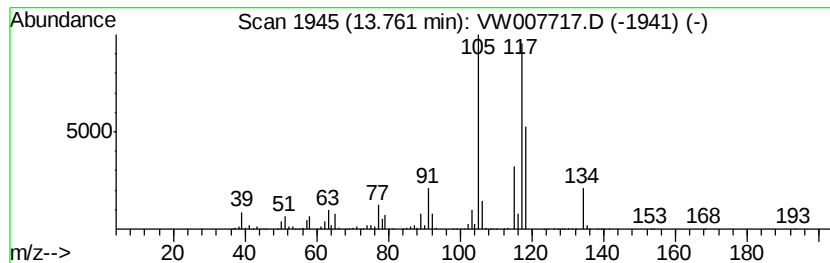
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Quant Title : SW846 8260

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

Peak Number 4 unknown13.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	452.21 ug/l	2996040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	45
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	42
4		2-Indanol	134	C9H10O	004254-29-9	38
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007717.D
Acq On : 19 Dec 2018 23:03
Operator : SY/AP
Sample : J6392-08
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

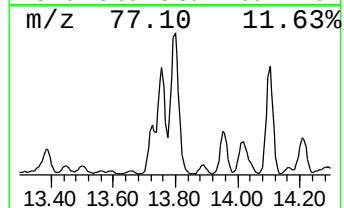
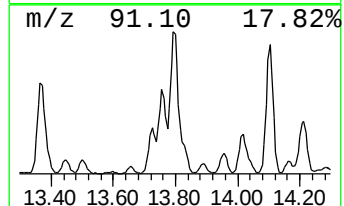
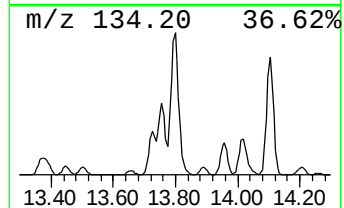
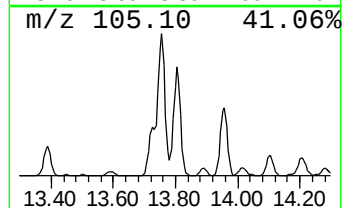
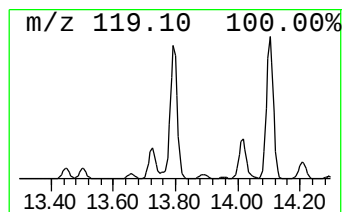
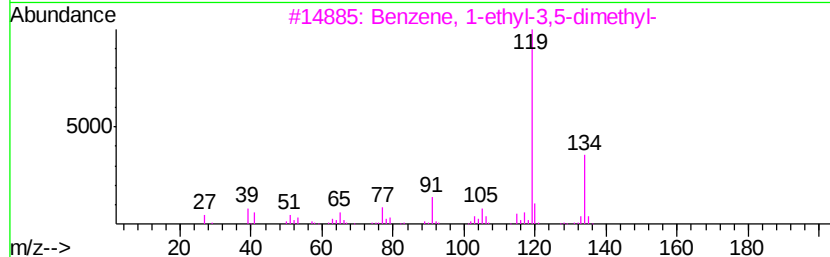
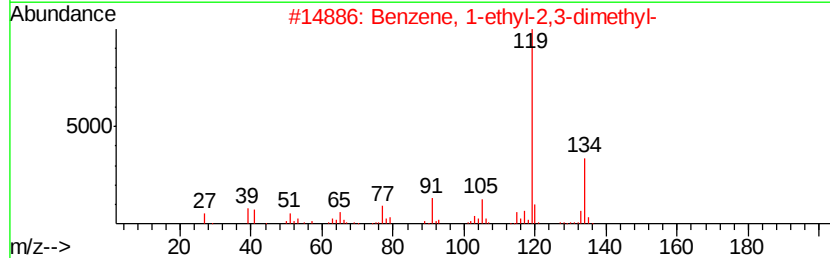
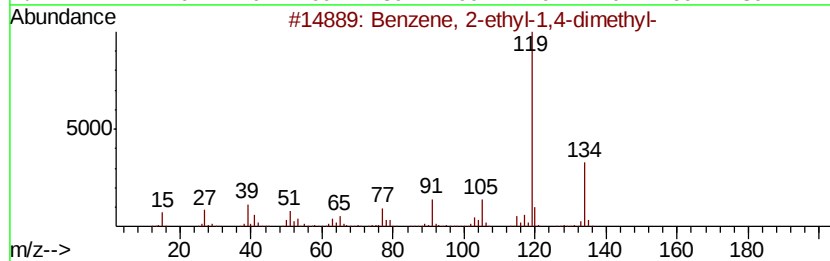
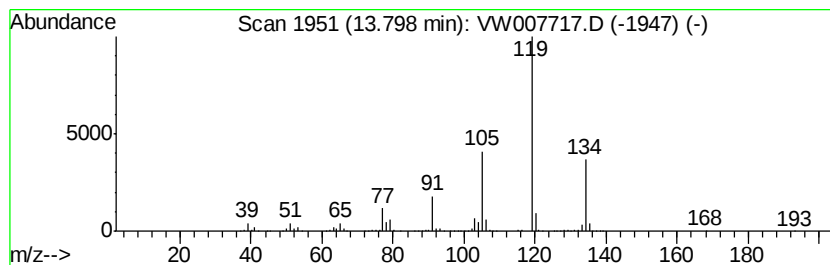
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	677.79 ug/l	4490550	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007717.D
Acq On : 19 Dec 2018 23:03
Operator : SY/AP
Sample : J6392-08
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

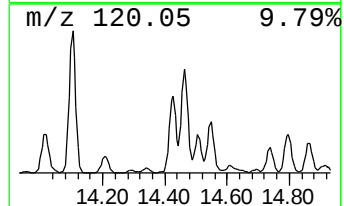
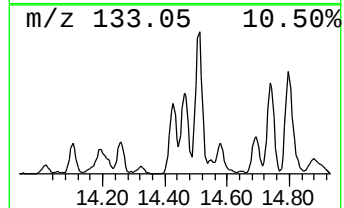
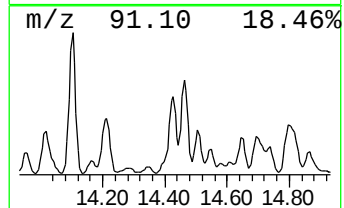
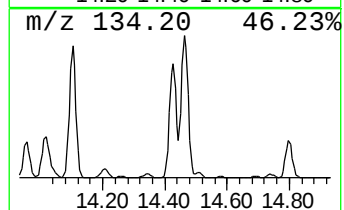
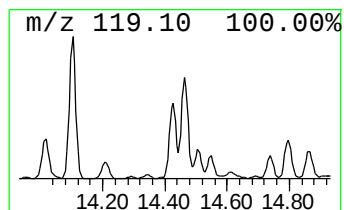
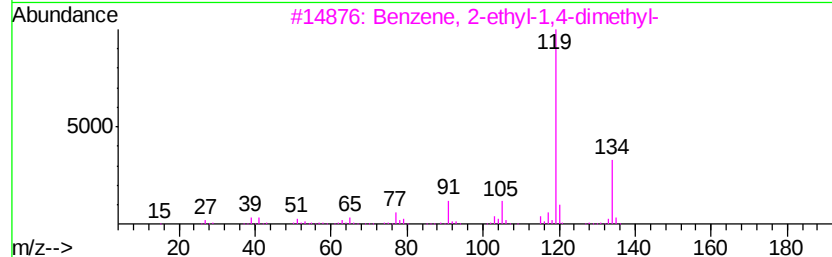
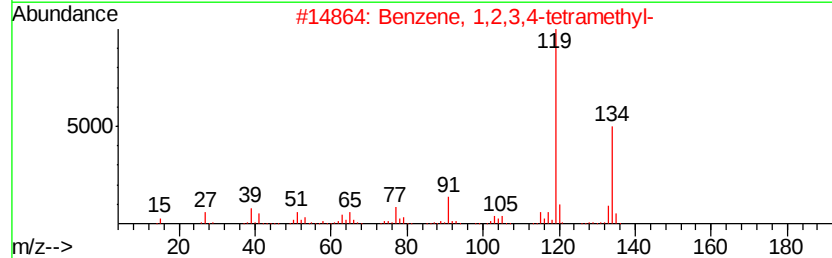
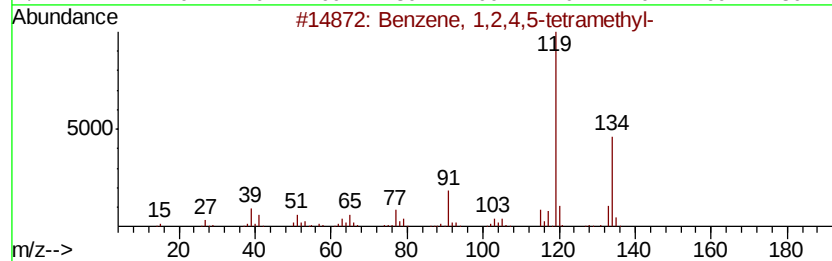
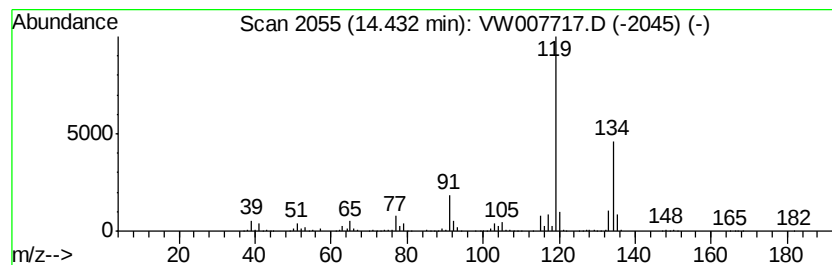
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	322.91 ug/l	2139350	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	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007717.D
Acq On : 19 Dec 2018 23:03
Operator : SY/AP
Sample : J6392-08
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

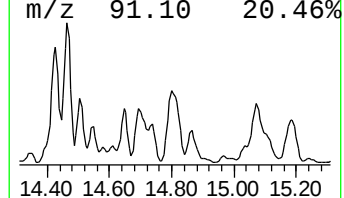
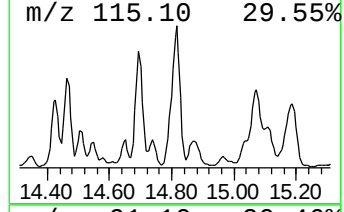
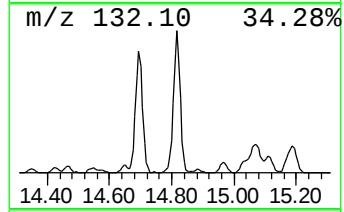
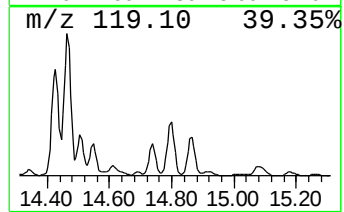
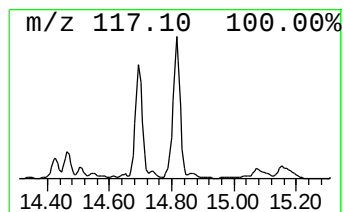
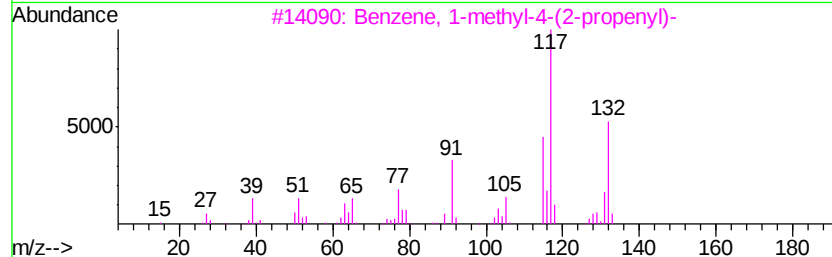
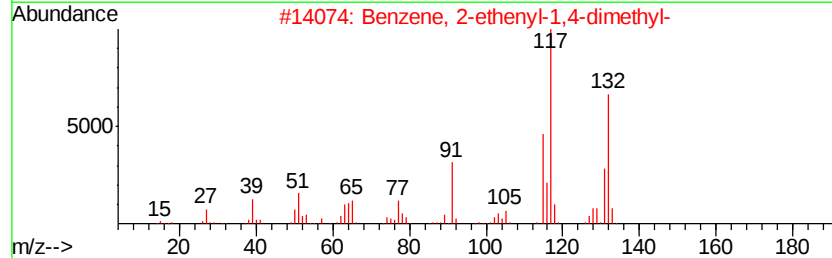
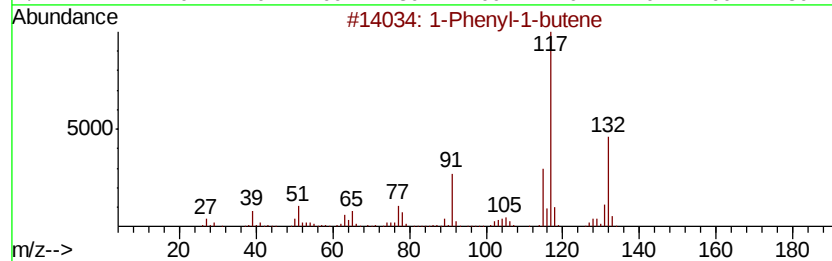
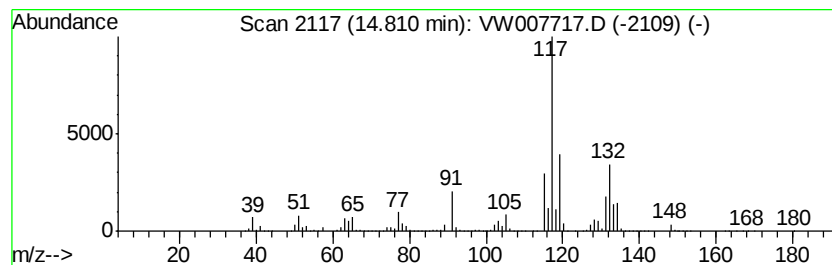
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 9 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	358.15 ug/l	2372820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007717.D
Acq On : 19 Dec 2018 23:03
Operator : SY/AP
Sample : J6392-08
Misc : 6.56G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

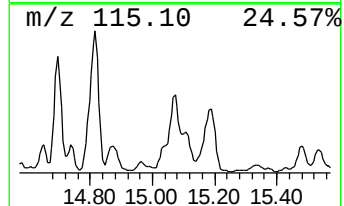
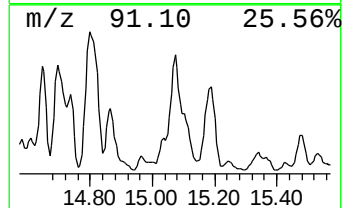
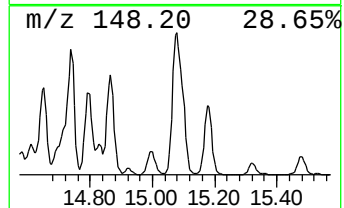
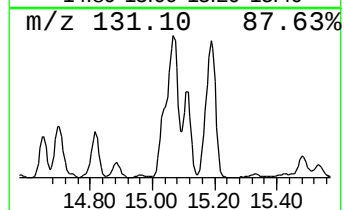
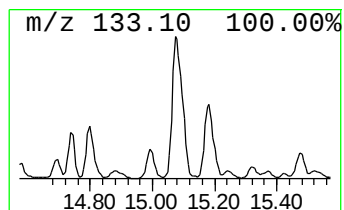
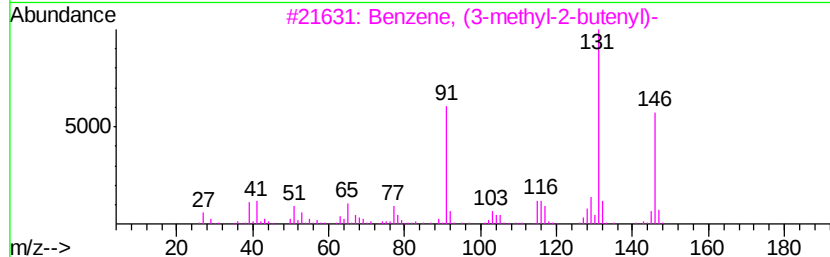
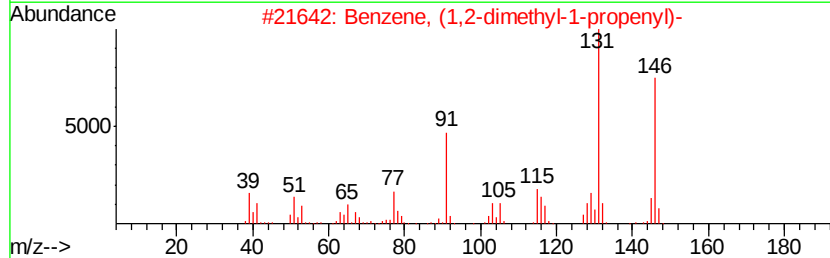
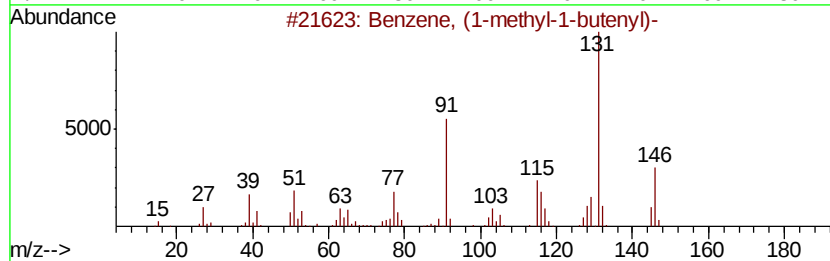
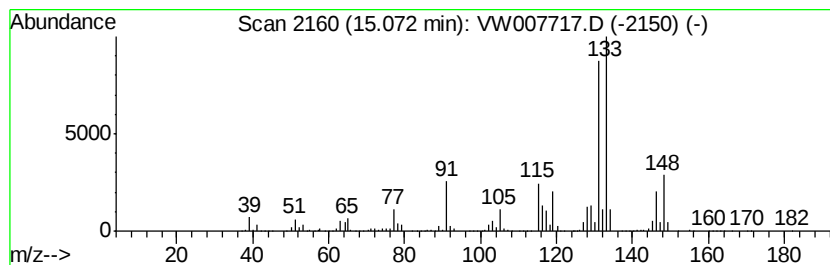
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	372.50 ug/l	2467940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007717.D
Acq On : 19 Dec 2018 23:03
Operator : SY/AP
Sample : J6392-08
Misc : 6.56G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.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
Hexane, 2,2-dimet...	8.48	623.2	ug/l	8463490	2	8.84	679071	50.0
Heptane, 4-methyl-	9.90	309.9	ug/l	4208200	2	8.84	679071	50.0
Benzene, 1-ethyl-...	13.11	328.1	ug/l	2173820	4	13.56	331264	50.0
unknown13.76	13.76	452.2	ug/l	2996040	4	13.56	331264	50.0
Benzene, 2-ethyl-...	13.80	677.8	ug/l	4490550	4	13.56	331264	50.0
Benzene, 1,2,4,5-...	14.43	322.9	ug/l	2139350	4	13.56	331264	50.0
1-Phenyl-1-butene	14.81	358.1	ug/l	2372820	4	13.56	331264	50.0
Benzene, (1-methy...	15.07	372.5	ug/l	2467940	4	13.56	331264	50.0