

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007008.D
 Acq On : 21 Nov 2018 18:49
 Operator : VAY/AP
 Sample : J5763-03
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-111918-B

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\82W112118S.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	2.818	142	150	159	rVB	5138	10353	1.39%	0.085%
2	4.921	484	495	507	rBV2	6581	20847	2.80%	0.171%
3	7.890	972	982	986	rBV	41088	94699	12.73%	0.779%
4	7.951	986	992	1003	rVB	82791	183817	24.72%	1.511%
5	8.311	1042	1051	1061	rBV	44469	96067	12.92%	0.790%
6	8.847	1131	1139	1147	rBV	96538	192312	25.86%	1.581%
7	10.323	1375	1381	1387	rBV	24558	45015	6.05%	0.370%
8	10.390	1387	1392	1398	rVB2	5159	8837	1.19%	0.073%
9	10.756	1440	1452	1462	rVB3	14202	60588	8.15%	0.498%
10	11.414	1553	1560	1569	rBV7	4161	11492	1.55%	0.094%
11	11.518	1571	1577	1582	rBV	4579	7686	1.03%	0.063%
12	11.634	1588	1596	1605	rBV	60223	103134	13.87%	0.848%
13	11.737	1605	1613	1617	rVV	12684	24254	3.26%	0.199%
14	11.847	1621	1631	1640	rVV2	42716	93522	12.58%	0.769%
15	11.920	1640	1643	1648	rVB2	5255	8005	1.08%	0.066%
16	12.170	1673	1684	1690	rBV	60080	123408	16.59%	1.015%
17	12.255	1690	1698	1703	rVB2	12033	20215	2.72%	0.166%
18	12.347	1708	1713	1714	rBV4	8213	12868	1.73%	0.106%
19	12.383	1714	1719	1724	rVB5	10407	23203	3.12%	0.191%
20	12.469	1728	1733	1737	rBV	13418	25152	3.38%	0.207%
21	12.548	1737	1746	1748	rBV4	13239	26493	3.56%	0.218%
22	12.572	1748	1750	1753	rVB	16826	17470	2.35%	0.144%
23	12.621	1753	1758	1762	rBV	89408	143068	19.24%	1.176%
24	12.804	1780	1788	1793	rVB	34254	67767	9.11%	0.557%
25	12.871	1793	1799	1802	rBV	124484	207149	27.85%	1.703%
26	12.902	1802	1804	1806	rVV	87483	113282	15.23%	0.931%
27	12.938	1806	1810	1817	rVB3	213577	416837	56.05%	3.427%
28	12.993	1817	1819	1824	rVB4	15360	20859	2.80%	0.172%
29	13.048	1824	1828	1830	rBV2	9278	13592	1.83%	0.112%
30	13.109	1830	1838	1844	rBV	156404	274519	36.91%	2.257%
31	13.170	1844	1848	1855	rVB4	43339	71331	9.59%	0.586%
32	13.255	1855	1862	1867	rBV	223826	346168	46.55%	2.846%
33	13.298	1867	1869	1872	rVB2	8647	9496	1.28%	0.078%
34	13.359	1874	1879	1880	rBV3	12992	22495	3.02%	0.185%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.389	1880	1884	1888	rVB	35971	53820	7.24%	0.443%
36	13.444	1888	1893	1898	rBV2	99522	174308	23.44%	1.433%
37	13.493	1898	1901	1908	rBV3	47669	89831	12.08%	0.739%
38	13.560	1908	1912	1914	rVV	99483	147610	19.85%	1.214%
39	13.591	1914	1917	1921	rVV	230724	330029	44.38%	2.713%
40	13.633	1921	1924	1930	rVB2	32167	43929	5.91%	0.361%
41	13.725	1932	1939	1940	rBV3	58487	82953	11.15%	0.682%
42	13.755	1940	1944	1948	rVV2	196850	337637	45.40%	2.776%
43	13.798	1948	1951	1960	rVB4	185707	353572	47.54%	2.907%
44	13.883	1960	1965	1970	rBV2	278767	441190	59.32%	3.627%
45	13.956	1972	1977	1982	rVB	115044	164188	22.08%	1.350%
46	14.017	1982	1987	1989	rBV	98979	145700	19.59%	1.198%
47	14.048	1989	1992	1996	rVV	124152	168867	22.71%	1.388%
48	14.103	1996	2001	2005	rVB	169000	248837	33.46%	2.046%
49	14.139	2005	2007	2008	rBV2	10148	8845	1.19%	0.073%
50	14.212	2013	2019	2024	rVB2	196555	318452	42.82%	2.618%
51	14.267	2024	2028	2029	rBV2	26897	37109	4.99%	0.305%
52	14.346	2035	2041	2045	rBV3	99437	203503	27.36%	1.673%
53	14.395	2045	2049	2052	rVV3	101606	168357	22.64%	1.384%
54	14.432	2052	2055	2057	rVV2	86958	121562	16.35%	0.999%
55	14.462	2057	2060	2064	rVB	125772	170119	22.87%	1.399%
56	14.505	2064	2067	2071	rVB	99058	118371	15.92%	0.973%
57	14.548	2071	2074	2081	rVB4	66891	110757	14.89%	0.911%
58	14.645	2081	2090	2094	rBV3	67963	163502	21.99%	1.344%
59	14.694	2094	2098	2100	rBV2	105104	154602	20.79%	1.271%
60	14.731	2100	2104	2110	rVB3	295080	473298	63.64%	3.891%
61	14.810	2110	2117	2122	rBV3	282733	743695	100.00%	6.115%
62	14.962	2137	2142	2149	rVB	208771	351052	47.20%	2.886%
63	15.035	2151	2154	2155	rBV3	20043	22532	3.03%	0.185%
64	15.072	2155	2160	2164	rBV3	90934	153829	20.68%	1.265%
65	15.182	2171	2178	2186	rBV4	103550	265997	35.77%	2.187%
66	15.261	2187	2191	2198	rVB6	57766	123205	16.57%	1.013%
67	15.334	2198	2203	2213	rBV5	102871	218394	29.37%	1.796%
68	15.432	2213	2219	2223	rBV2	120967	209355	28.15%	1.721%
69	15.480	2223	2227	2229	rBV3	58879	91658	12.32%	0.754%
70	15.566	2237	2241	2250	rVB	211345	371341	49.93%	3.053%
71	15.663	2250	2257	2264	rBV3	92402	242482	32.61%	1.994%

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72	15.743	2266	2270	2275	rVV3	44098	73915	9.94%	0.608%
73	15.834	2278	2285	2287	rVV4	56225	130814	17.59%	1.076%
74	15.877	2287	2292	2300	rVB	205045	393354	52.89%	3.234%
75	15.962	2303	2306	2310	rVB4	13727	19746	2.66%	0.162%
76	16.041	2311	2319	2324	rBV5	45001	123345	16.59%	1.014%
77	16.188	2334	2343	2348	rBV3	114012	283315	38.10%	2.329%
78	16.297	2358	2361	2367	rVB	31933	48962	6.58%	0.403%
79	16.383	2369	2375	2382	rVV2	95809	213587	28.72%	1.756%
80	16.450	2382	2386	2390	rVV3	38089	75827	10.20%	0.623%
81	16.505	2391	2395	2401	rVB	85847	151387	20.36%	1.245%
82	16.663	2412	2421	2426	rBV	30044	107907	14.51%	0.887%

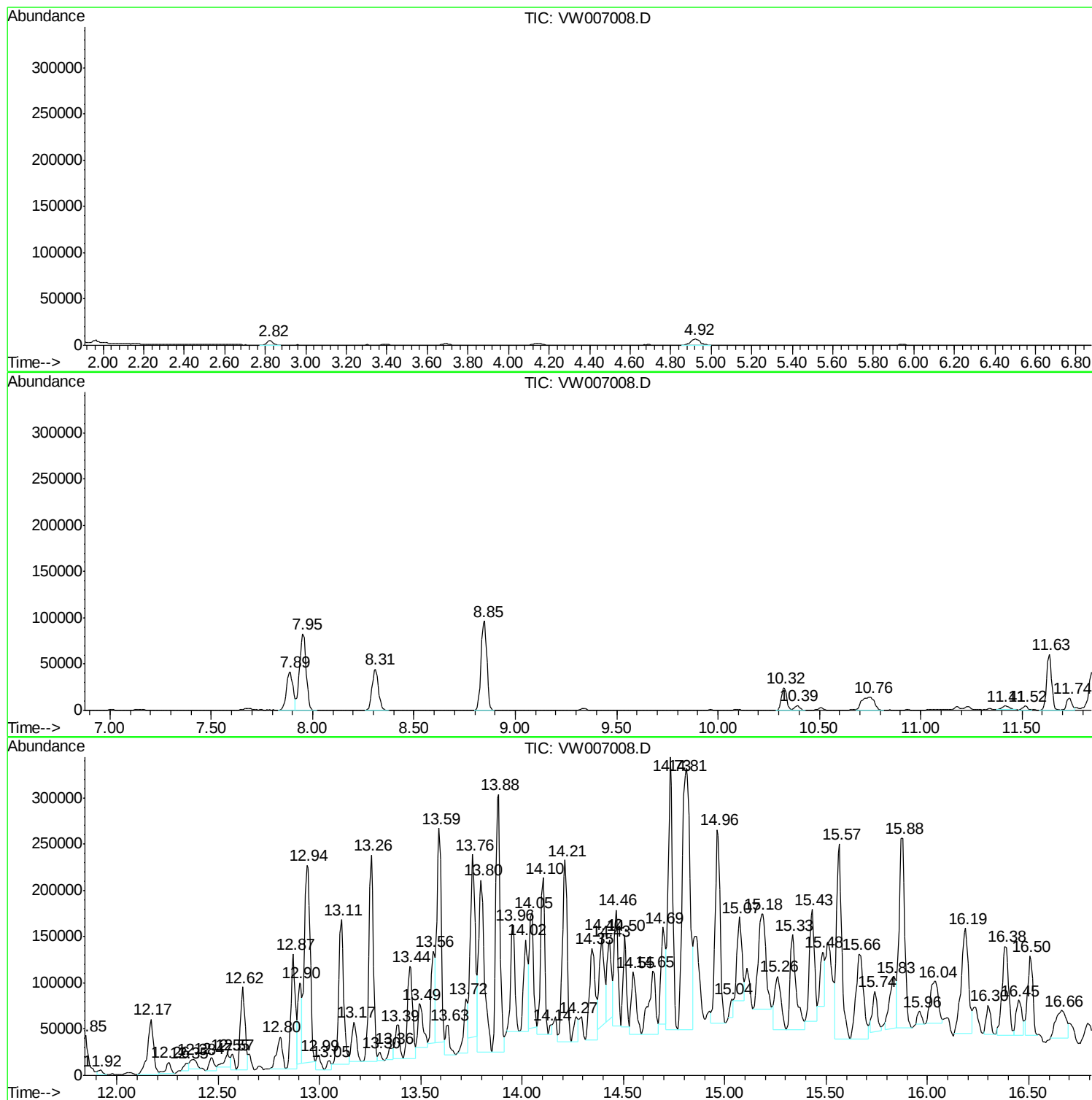
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-111918-B

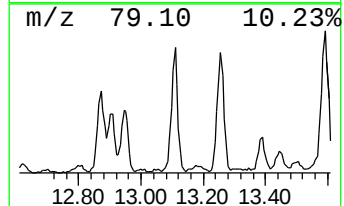
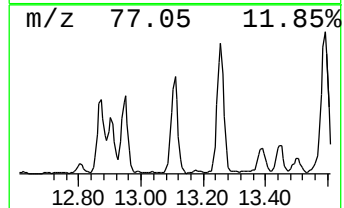
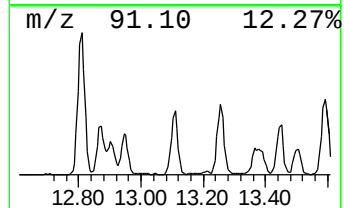
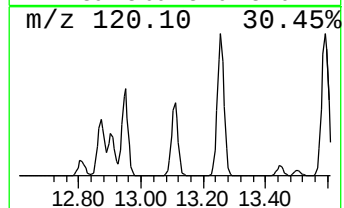
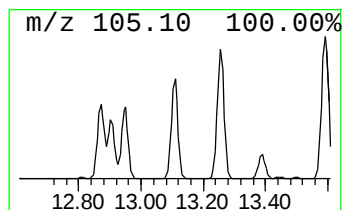
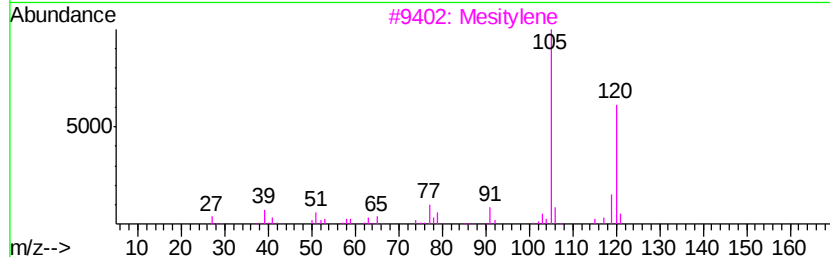
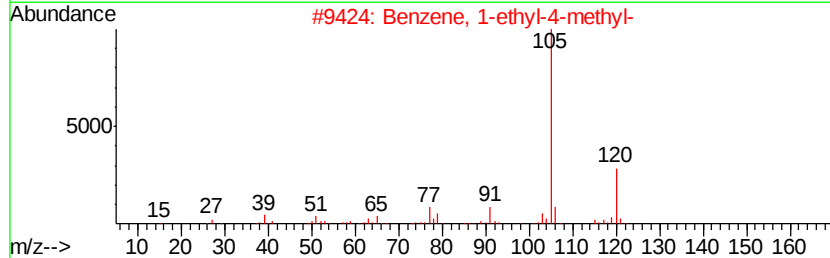
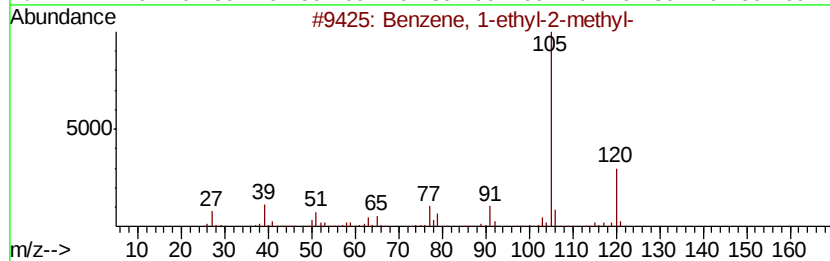
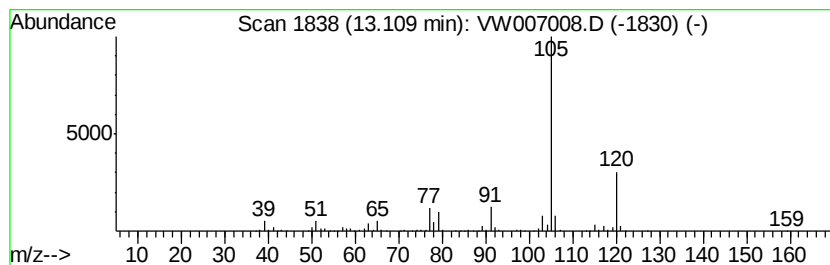
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	92.99 ug/l	274519	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	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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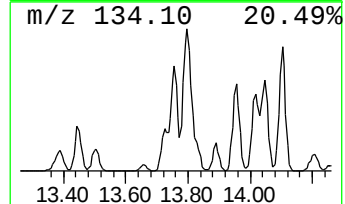
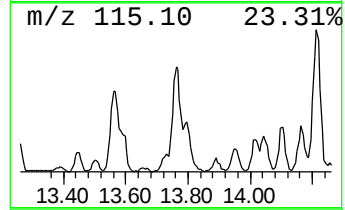
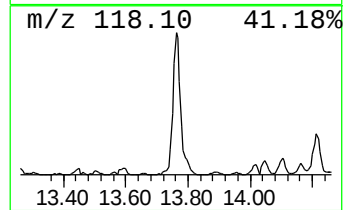
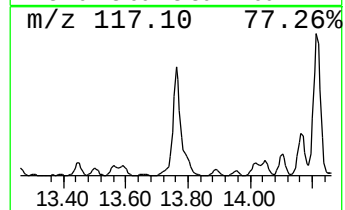
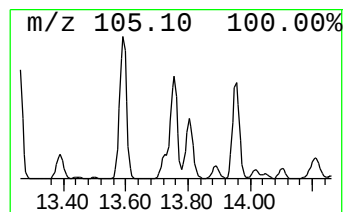
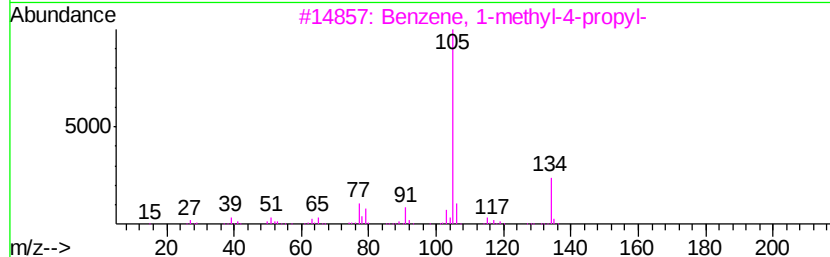
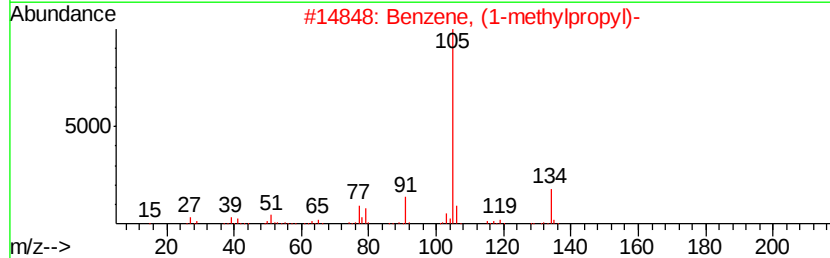
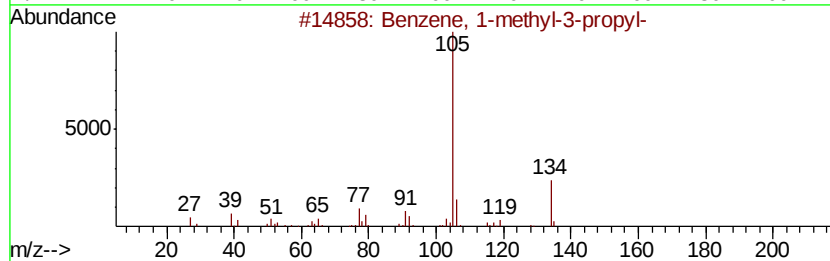
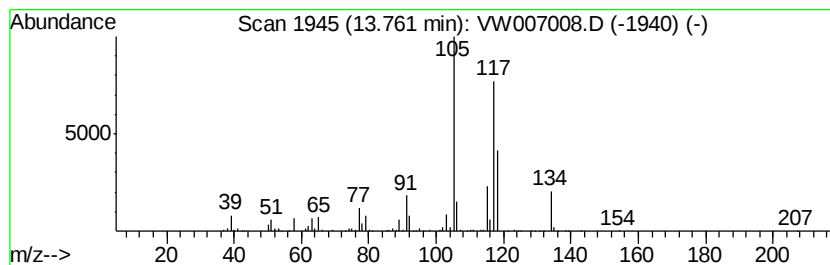
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	114.37 ug/l	337637	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	50
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
4		2-Indanol	134	C9H10O	004254-29-9	43
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	41



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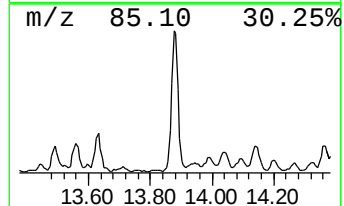
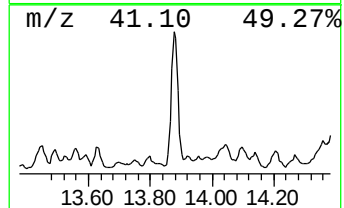
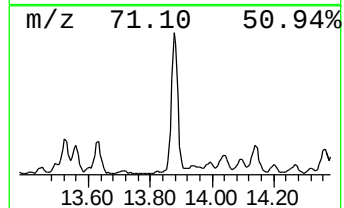
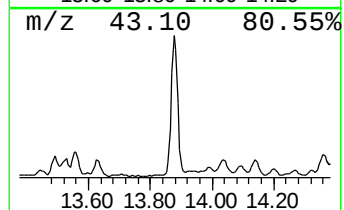
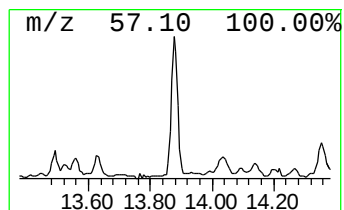
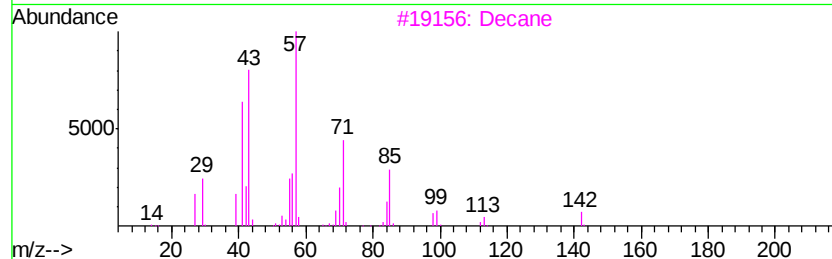
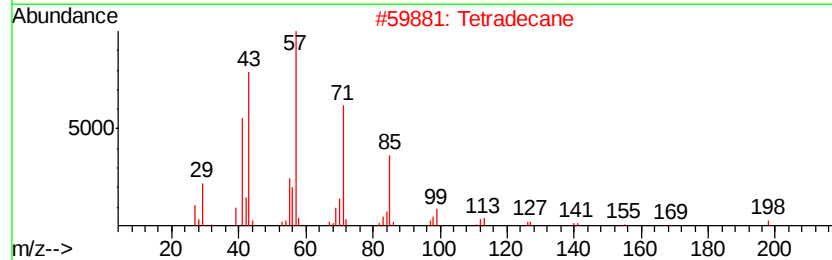
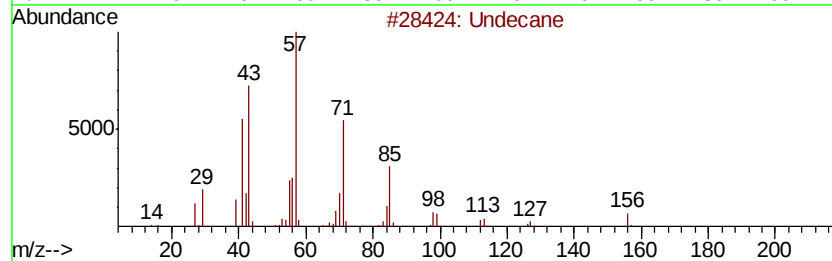
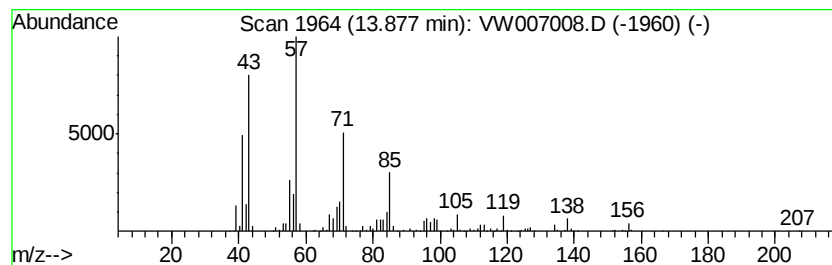
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	149.44 ug/l	441190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	96
2		Tetradecane	198	C14H30	000629-59-4	64
3		Decane	142	C10H22	000124-18-5	59
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
5		Hexadecane	226	C16H34	000544-76-3	50



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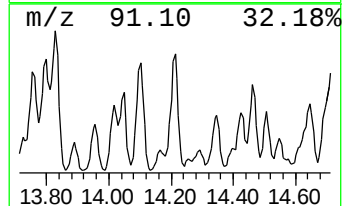
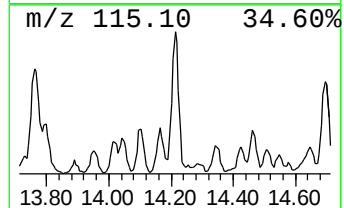
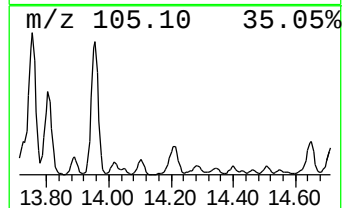
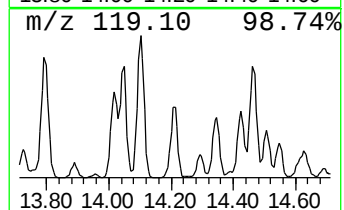
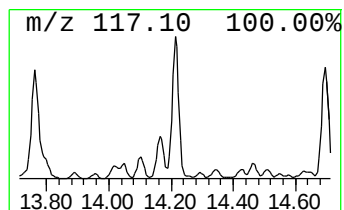
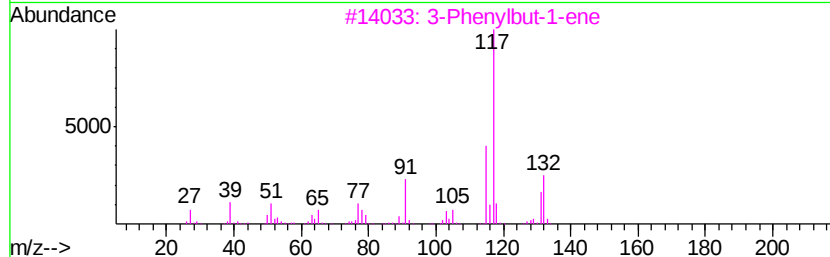
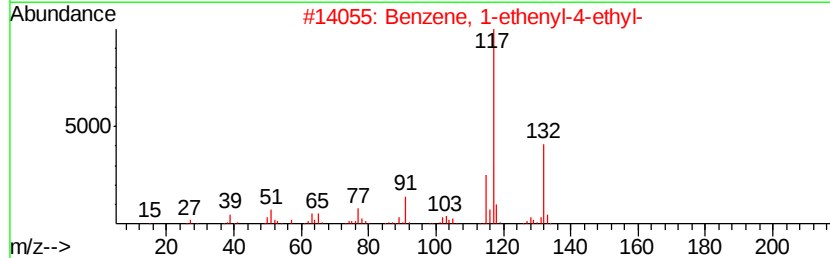
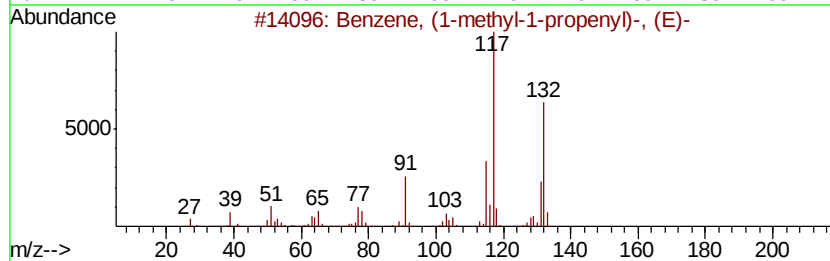
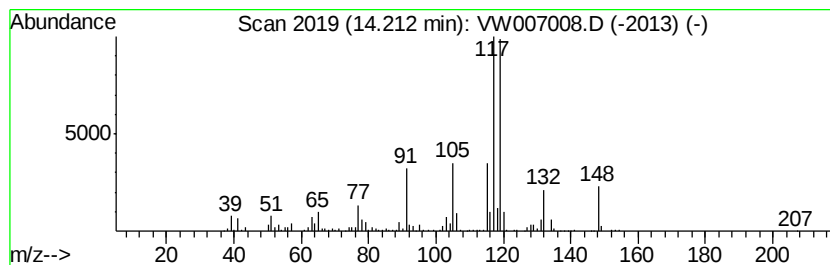
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MSVOA_W
ClientSampleId :
HR-06-111918-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.21	107.87 ug/l	318452	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007008.D
Acq On : 21 Nov 2018 18:49
Operator : VAY/AP
Sample : J5763-03
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

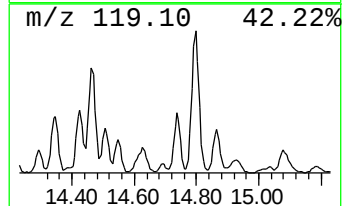
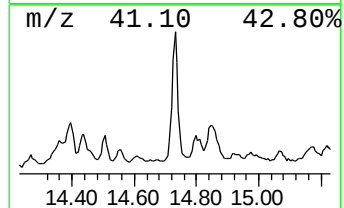
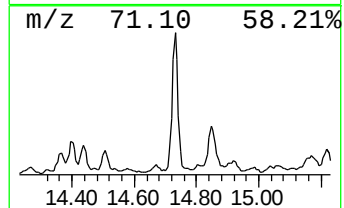
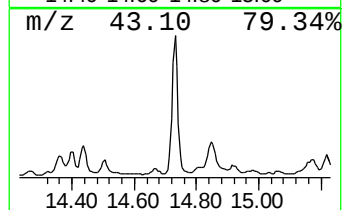
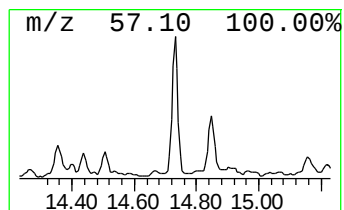
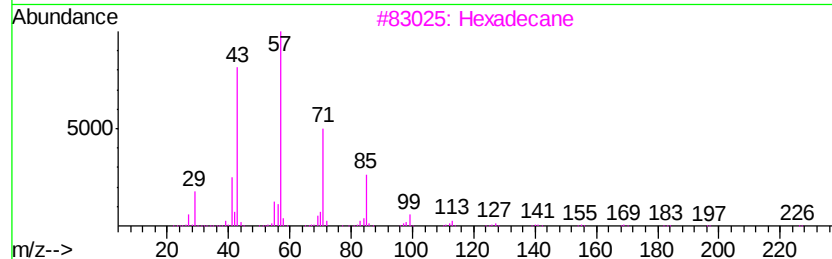
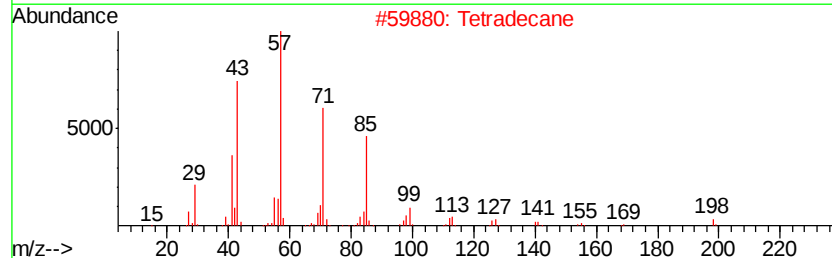
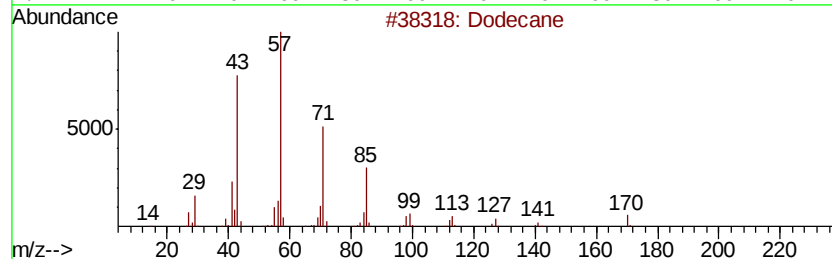
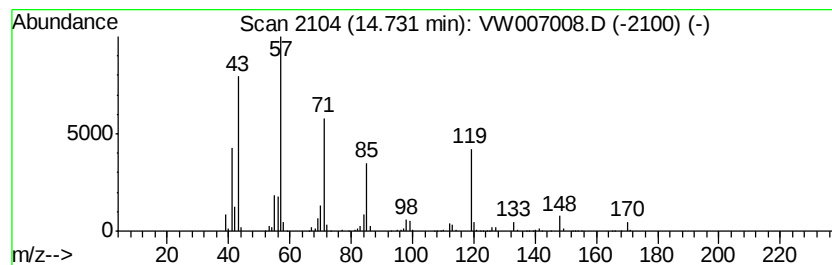
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	160.32 ug/l	473298	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	60
2		Tetradecane	198	C14H30	000629-59-4	49
3		Hexadecane	226	C16H34	000544-76-3	46
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
5		Pentadecane	212	C15H32	000629-62-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007008.D
Acq On : 21 Nov 2018 18:49
Operator : VAY/AP
Sample : J5763-03
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

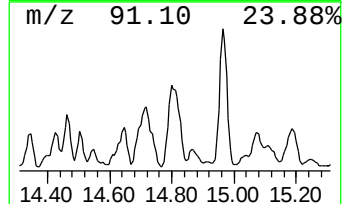
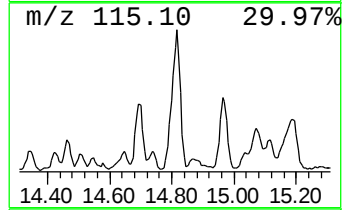
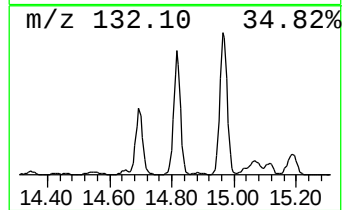
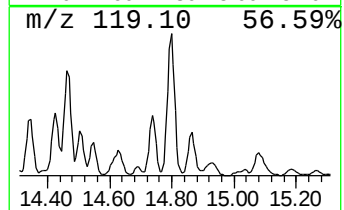
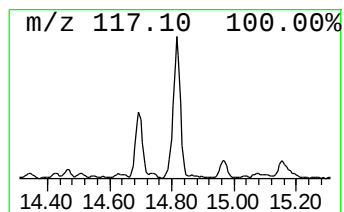
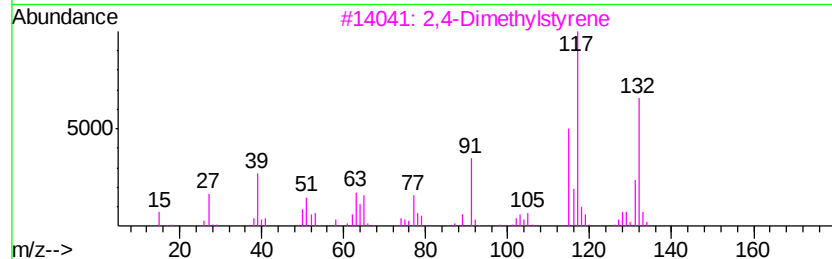
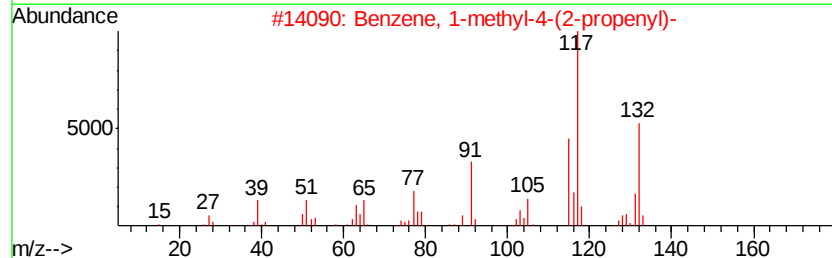
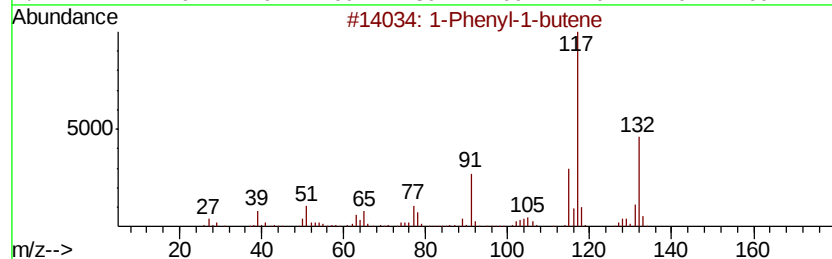
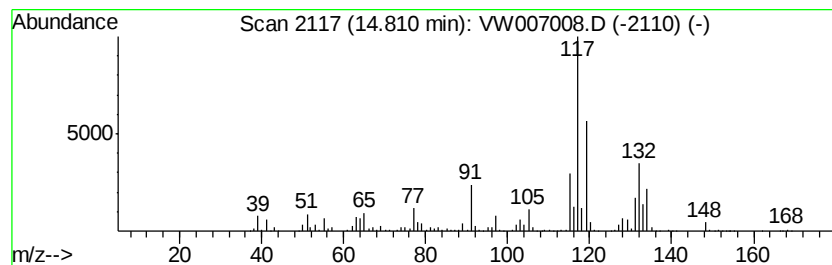
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	251.91 ug/l	743695	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	93
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007008.D
Acq On : 21 Nov 2018 18:49
Operator : VAY/AP
Sample : J5763-03
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

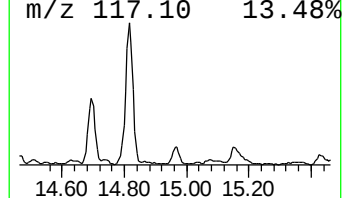
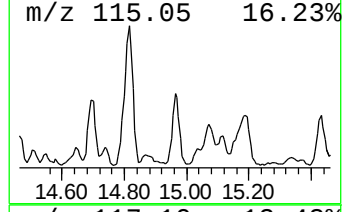
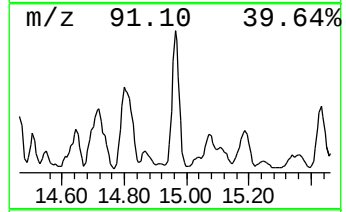
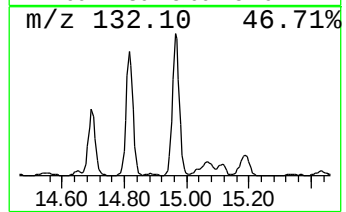
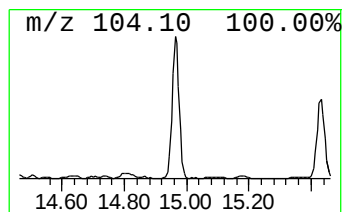
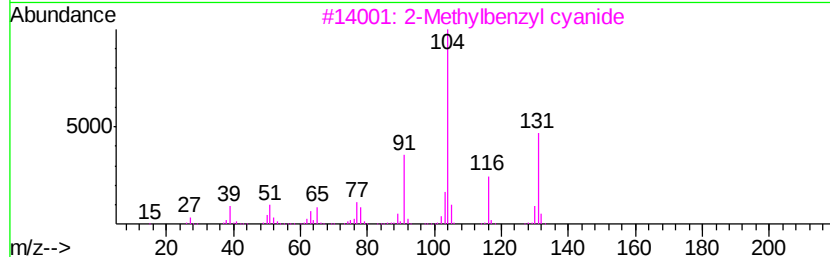
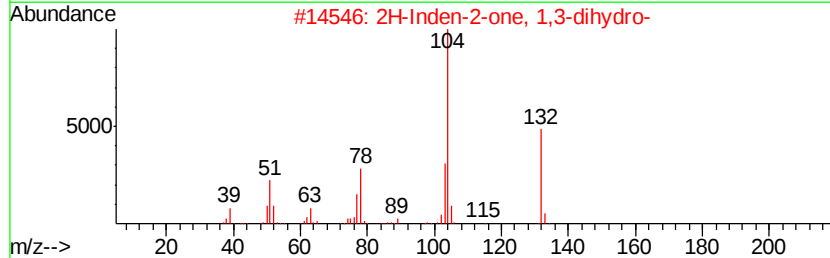
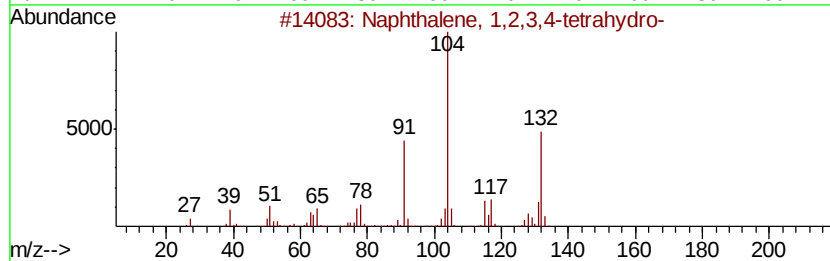
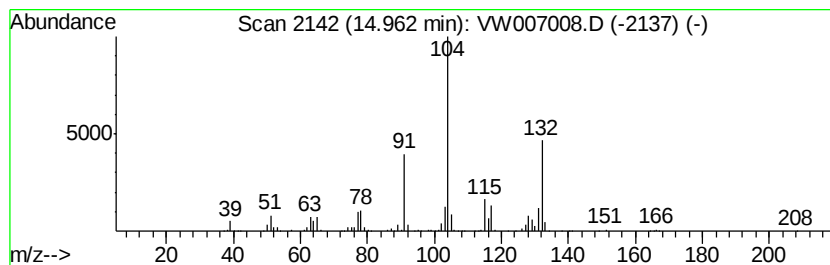
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	118.91 ug/l	351052	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49
4		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007008.D
Acq On : 21 Nov 2018 18:49
Operator : VAY/AP
Sample : J5763-03
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

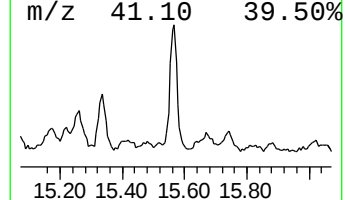
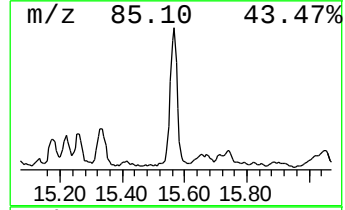
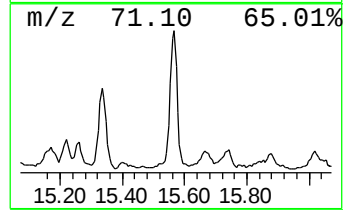
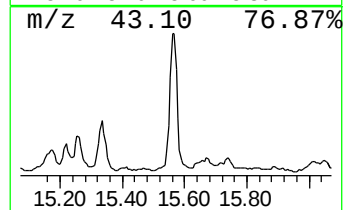
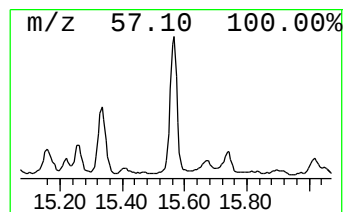
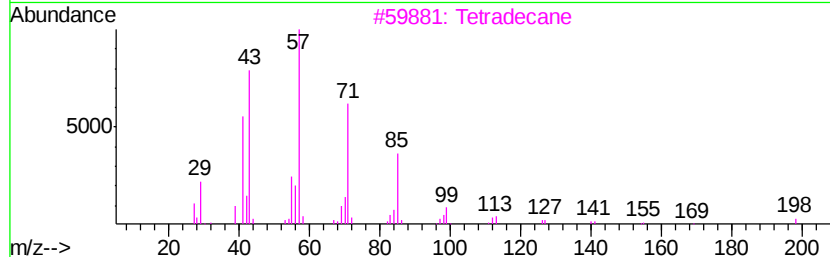
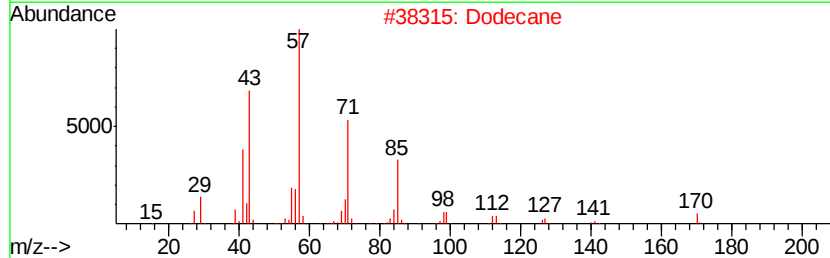
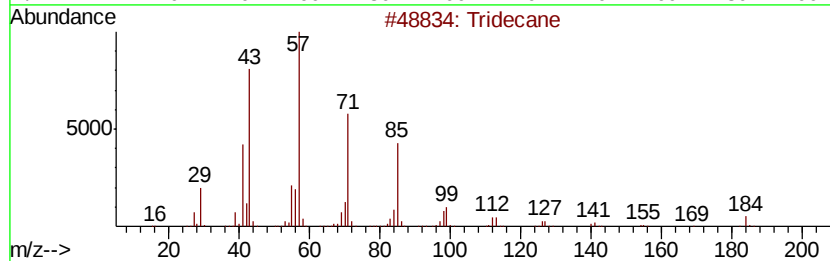
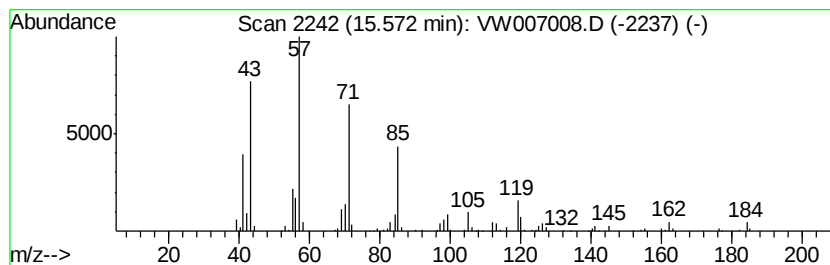
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 8 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.57	125.78 ug/l	371341	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	72
3	Tetradecane	198	C14H30	000629-59-4	58
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007008.D
Acq On : 21 Nov 2018 18:49
Operator : VAY/AP
Sample : J5763-03
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

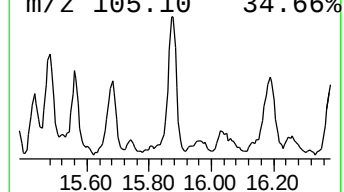
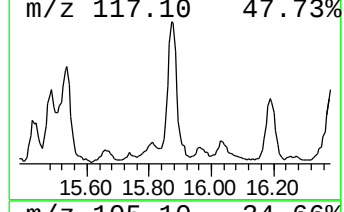
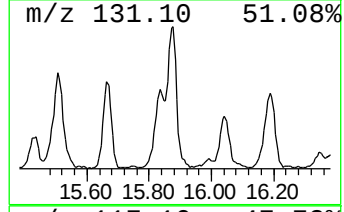
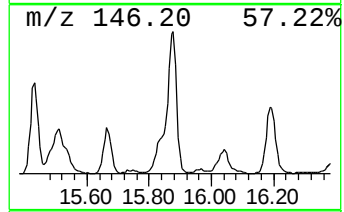
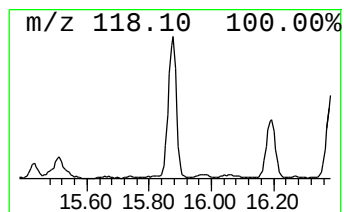
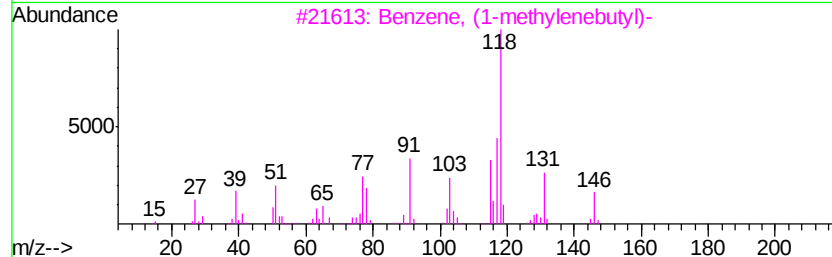
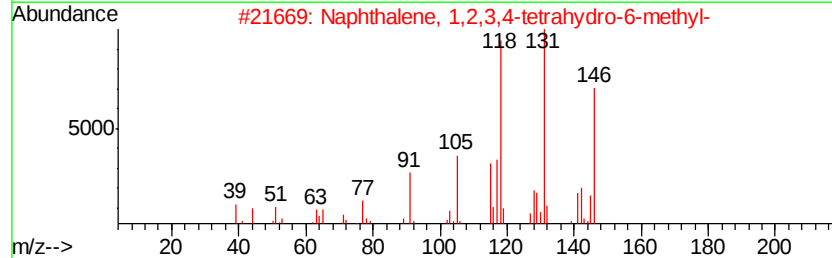
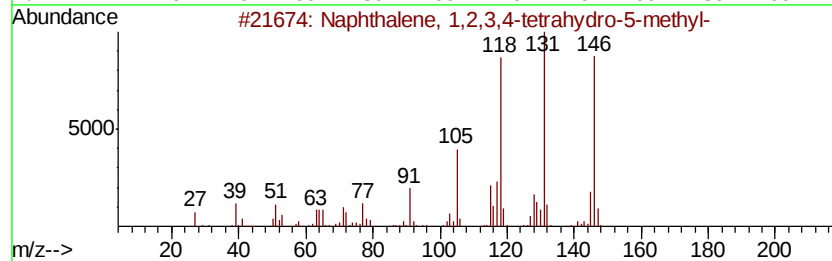
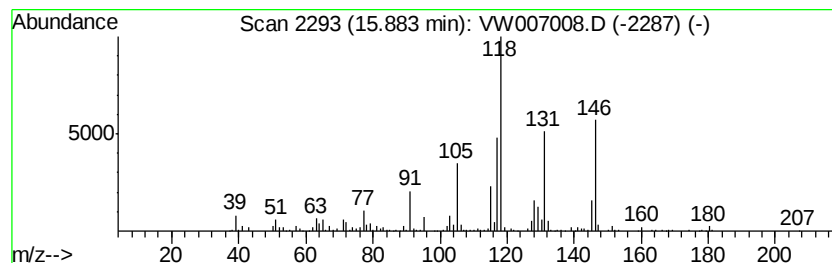
Instrument :
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ClientSampleId :
HR-06-111918-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	133.24 ug/l	393354	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	83
3	Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4	80
4	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1	52
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
Data File : VW007008.D
Acq On : 21 Nov 2018 18:49
Operator : VAY/AP
Sample : J5763-03
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.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
Benzene, 1-ethyl-...	13.11	93.0	ug/l	274519	4	13.56	147610	50.0
Benzene, 1-methyl...	13.76	114.4	ug/l	337637	4	13.56	147610	50.0
Undecane	13.88	149.4	ug/l	441190	4	13.56	147610	50.0
Benzene, (1-methy...	14.21	107.9	ug/l	318452	4	13.56	147610	50.0
Dodecane	14.73	160.3	ug/l	473298	4	13.56	147610	50.0
1-Phenyl-1-butene	14.81	251.9	ug/l	743695	4	13.56	147610	50.0
Naphthalene, 1,2,...	14.96	118.9	ug/l	351052	4	13.56	147610	50.0
Tridecane	15.57	125.8	ug/l	371341	4	13.56	147610	50.0
Naphthalene, 1,2,...	15.88	133.2	ug/l	393354	4	13.56	147610	50.0