

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004855.D
 Acq On : 21 Aug 2018 21:11
 Operator : SY/AP
 Sample : J4271-11
 Misc : 6.81G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-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\82W081918S.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	1.825	30	39	66	rVB	2617932	7312145	100.00%	36.779%
2	7.891	1023	1034	1039	rBV	59963	145112	1.98%	0.730%
3	7.952	1039	1044	1053	rVB	107937	238291	3.26%	1.199%
4	8.311	1093	1103	1113	rBV	58251	130787	1.79%	0.658%
5	8.848	1182	1191	1200	rBV	138241	273869	3.75%	1.378%
6	10.329	1426	1434	1441	rBV	158095	285990	3.91%	1.438%
7	11.420	1604	1613	1624	rVB4	27421	76771	1.05%	0.386%
8	11.634	1641	1648	1658	rBV	144713	251124	3.43%	1.263%
9	11.847	1673	1683	1687	rBV	127801	237189	3.24%	1.193%
10	12.146	1724	1732	1734	rBV4	65490	125416	1.72%	0.631%
11	12.262	1743	1751	1755	rVB	80648	138483	1.89%	0.697%
12	12.372	1755	1769	1780	rBV6	98873	432076	5.91%	2.173%
13	12.518	1788	1793	1795	rBV4	39911	75068	1.03%	0.378%
14	12.548	1795	1798	1800	rVV	98426	141541	1.94%	0.712%
15	12.573	1800	1802	1806	rVB	111429	134588	1.84%	0.677%
16	12.628	1806	1811	1813	rBV	130722	200266	2.74%	1.007%
17	12.658	1813	1816	1820	rVB	100932	133125	1.82%	0.670%
18	12.786	1833	1837	1844	rVB4	85890	157558	2.15%	0.792%
19	12.871	1844	1851	1854	rBV4	91518	179325	2.45%	0.902%
20	12.938	1854	1862	1869	rVV2	697864	1402348	19.18%	7.054%
21	12.999	1869	1872	1877	rVB2	76719	115178	1.58%	0.579%
22	13.109	1882	1890	1896	rBV2	176688	487048	6.66%	2.450%
23	13.170	1896	1900	1907	rVB	257040	393959	5.39%	1.982%
24	13.262	1907	1915	1918	rBV3	40833	89861	1.23%	0.452%
25	13.353	1926	1930	1933	rBV2	58366	88212	1.21%	0.444%
26	13.451	1939	1946	1950	rBV5	225516	459797	6.29%	2.313%
27	13.493	1950	1953	1956	rVV2	178708	264507	3.62%	1.330%
28	13.530	1956	1959	1961	rVV	105663	149382	2.04%	0.751%
29	13.560	1961	1964	1967	rVV2	227168	382008	5.22%	1.921%
30	13.591	1967	1969	1973	rVV	305996	432389	5.91%	2.175%
31	13.633	1973	1976	1983	rVB3	144147	200167	2.74%	1.007%
32	13.725	1983	1991	1993	rBV6	49610	130713	1.79%	0.657%
33	13.762	1993	1997	2000	rVV2	99716	148382	2.03%	0.746%
34	13.798	2000	2003	2011	rVB2	161920	248233	3.39%	1.249%

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Instrument :
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ClientSampleId :
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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SW846 8260

35	13.883	2011	2017	2022	rBV3	471733	778049	10.64%	3.913%
36	13.932	2022	2025	2026	rVV2	58149	76964	1.05%	0.387%
37	13.957	2026	2029	2033	rVV	117302	186491	2.55%	0.938%
38	14.042	2037	2043	2049	rVV6	93398	218392	2.99%	1.098%
39	14.103	2049	2053	2057	rVB	151977	208198	2.85%	1.047%
40	14.139	2057	2059	2065	rVB2	78553	116175	1.59%	0.584%
41	14.213	2065	2071	2076	rBV3	160051	279215	3.82%	1.404%
42	14.274	2076	2081	2087	rVB5	63044	130051	1.78%	0.654%
43	14.353	2087	2094	2097	rBV4	106995	251288	3.44%	1.264%
44	14.396	2097	2101	2105	rVB4	140375	207747	2.84%	1.045%
45	14.469	2110	2113	2116	rVV	110596	145678	1.99%	0.733%
46	14.511	2116	2120	2123	rVV4	91866	124095	1.70%	0.624%
47	14.554	2123	2127	2134	rVB4	97762	176322	2.41%	0.887%
48	14.652	2134	2143	2147	rBV6	27742	87172	1.19%	0.438%
49	14.743	2154	2158	2162	rVB2	59998	87261	1.19%	0.439%
50	14.804	2162	2168	2174	rBV4	240817	536790	7.34%	2.700%
51	14.969	2191	2195	2201	rVB	90582	148479	2.03%	0.747%
52	15.188	2225	2231	2237	rBV4	54834	121700	1.66%	0.612%
53	15.341	2251	2256	2258	rBV2	52006	83434	1.14%	0.420%
54	15.377	2258	2262	2267	rVV	106916	178798	2.45%	0.899%
55	16.188	2387	2395	2406	rBV5	28283	78062	1.07%	0.393%

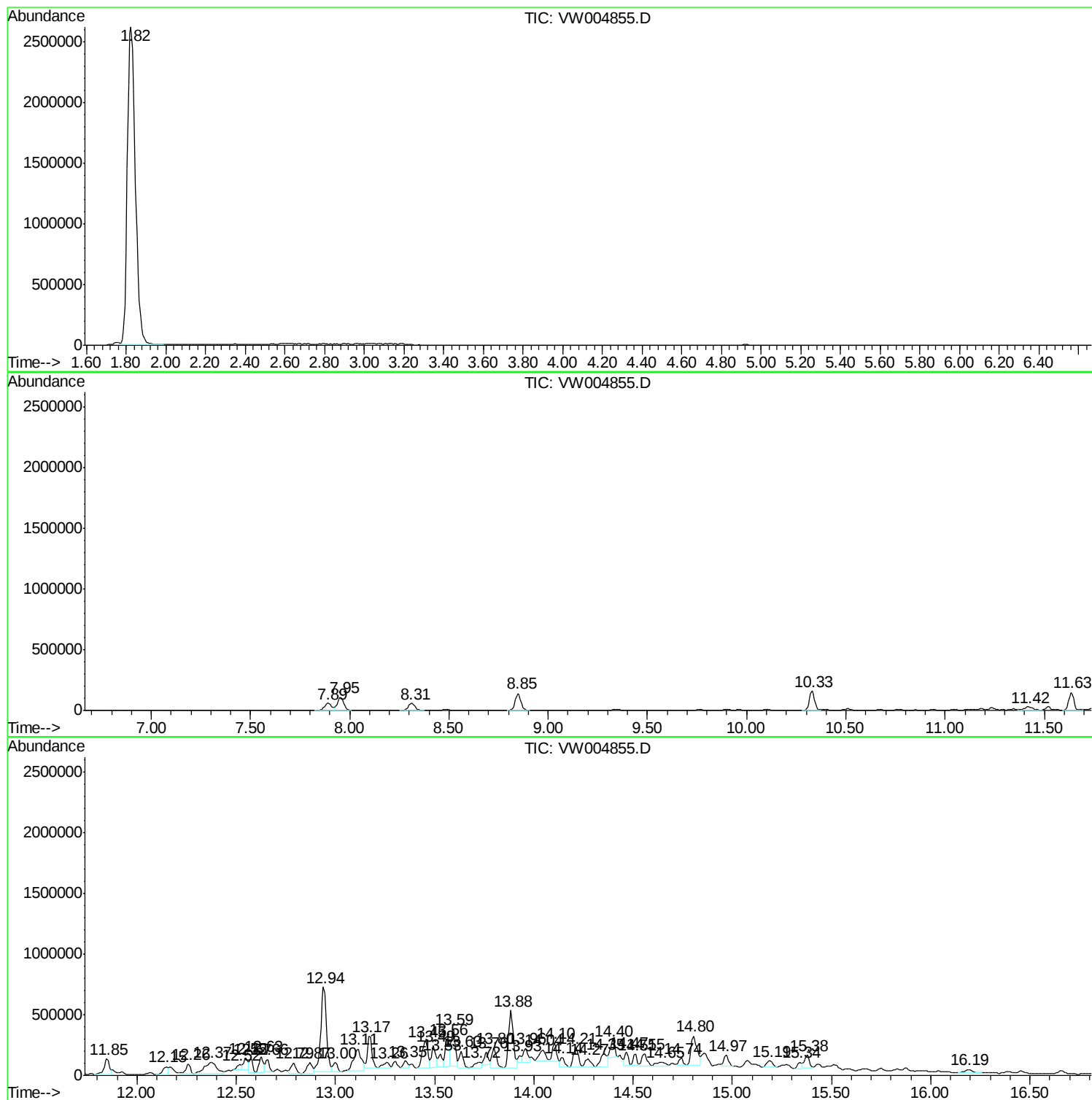
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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



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ClientSampleId :
HR-06-082018-B

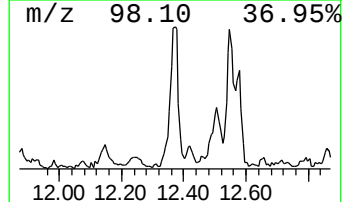
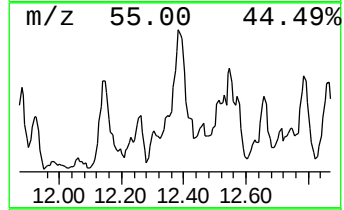
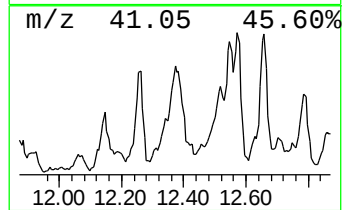
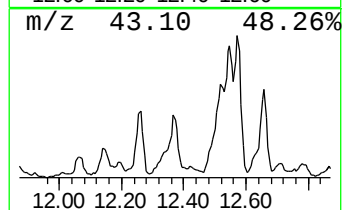
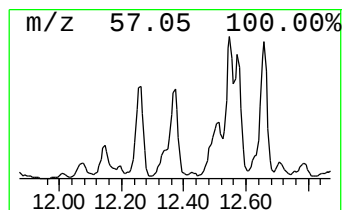
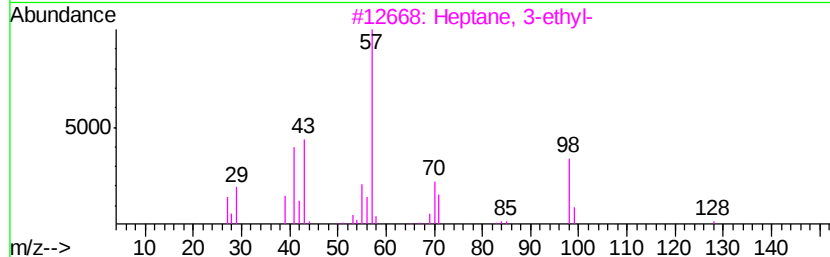
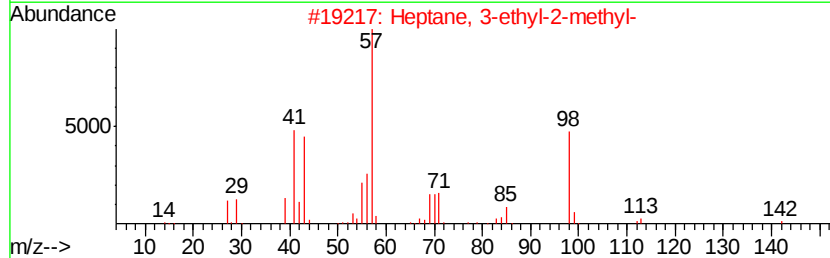
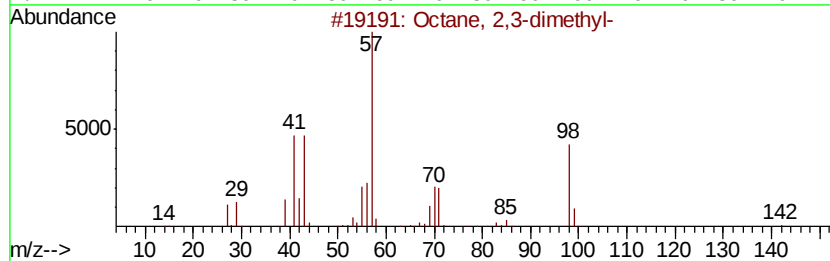
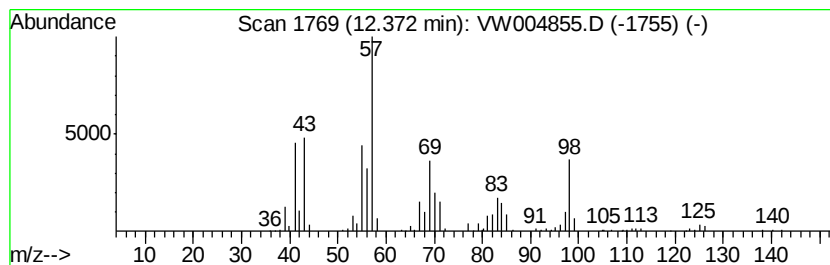
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	86.03 ug/l	432076	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	47
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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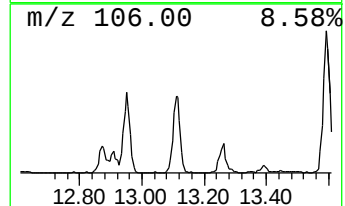
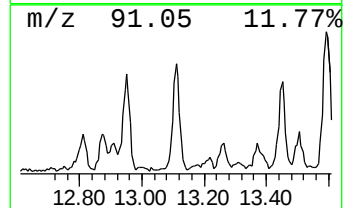
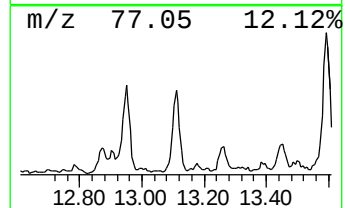
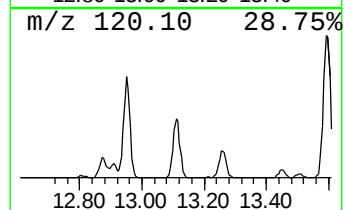
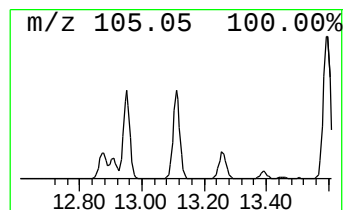
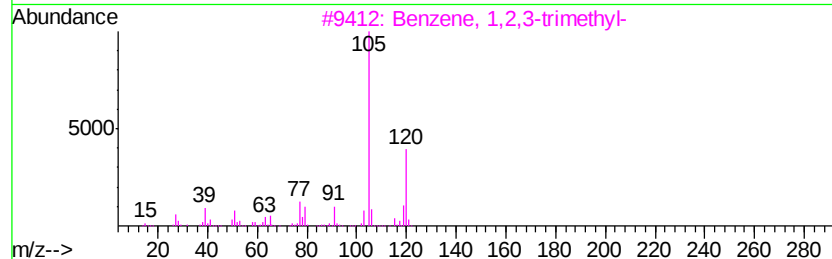
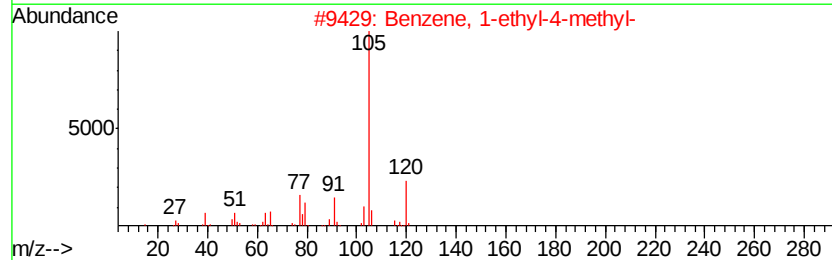
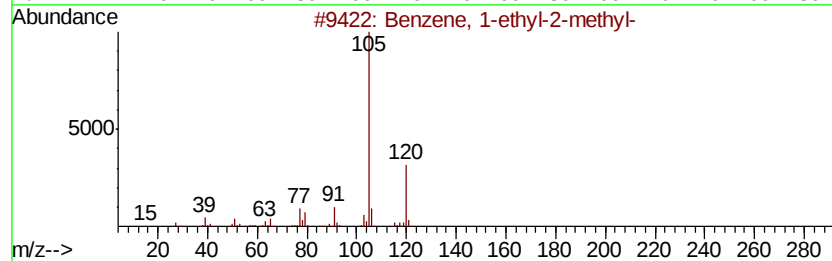
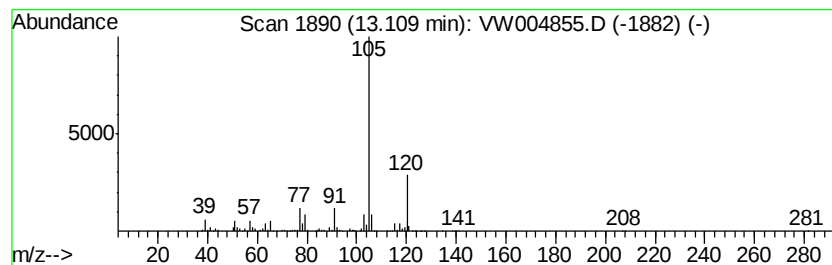
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	63.75 ug/l	487048	1,4-Dichlorobenzene-d4	13.57

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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Instrument :
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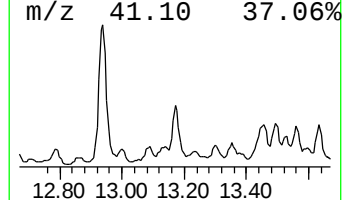
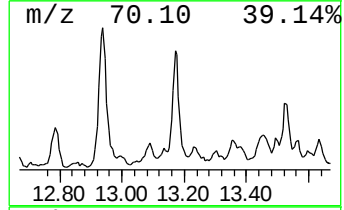
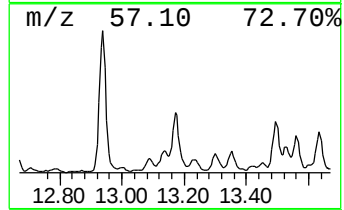
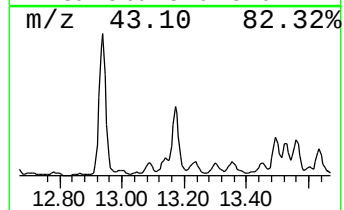
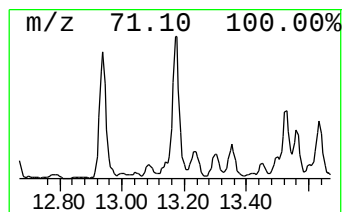
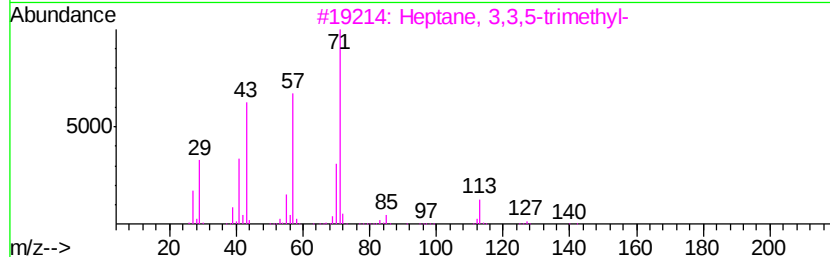
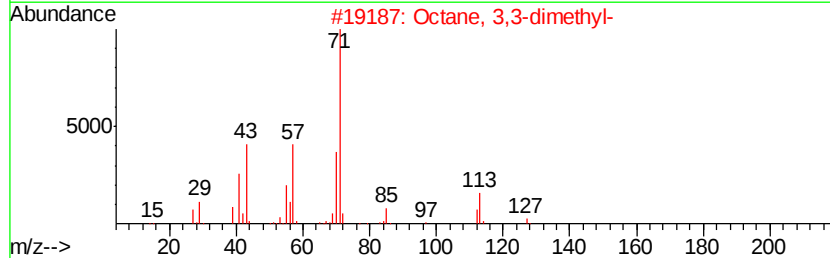
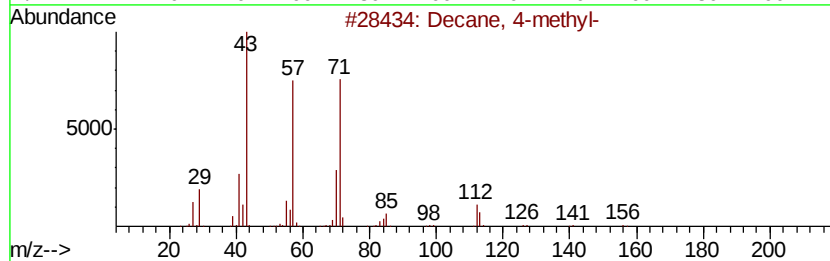
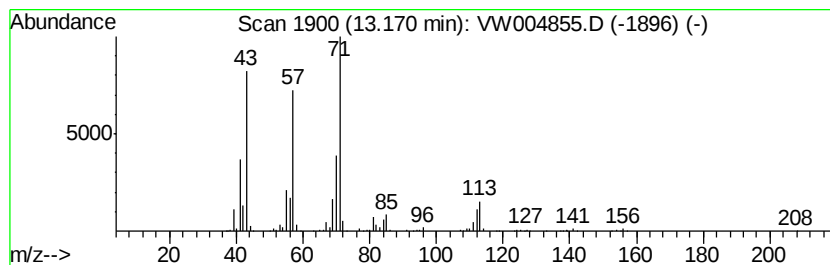
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 4 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	51.56 ug/l	393959	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
5		n-Amyl ether	158	C10H22O	000693-65-2	59



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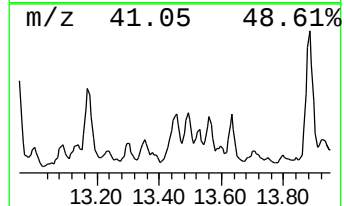
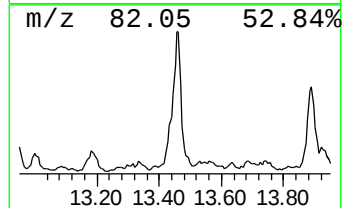
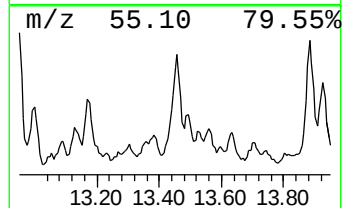
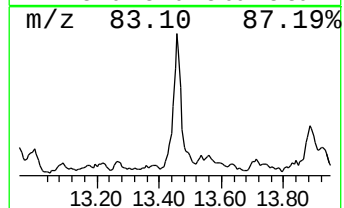
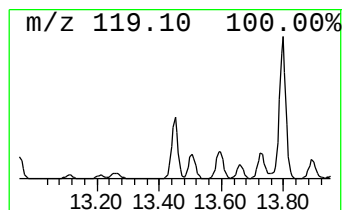
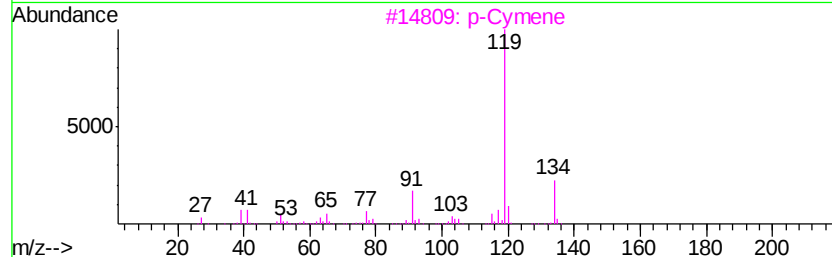
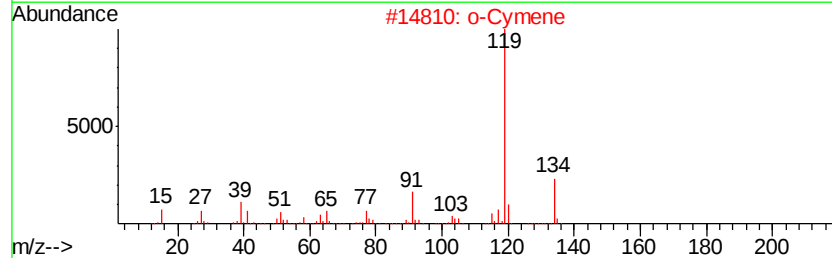
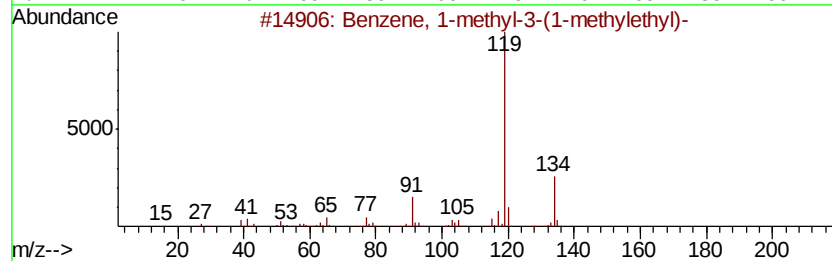
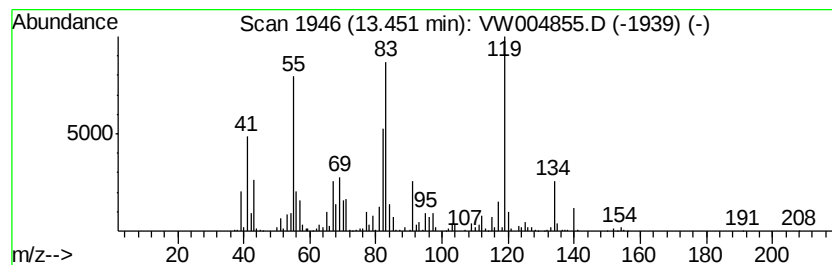
Instrument :
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.45	60.18 ug/l	459797	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
2	o-Cymene	134	C10H14	000527-84-4	80
3	p-Cymene	134	C10H14	000099-87-6	80
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42



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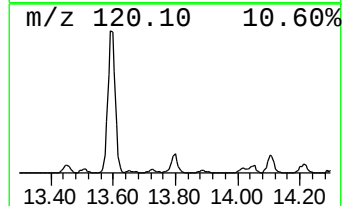
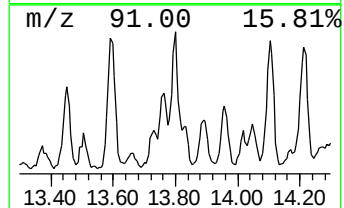
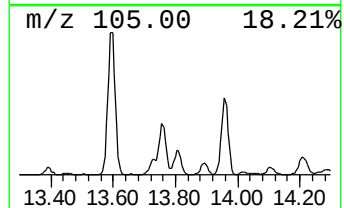
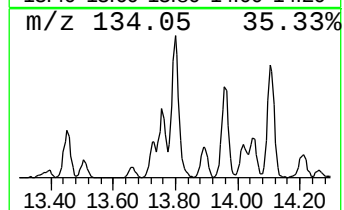
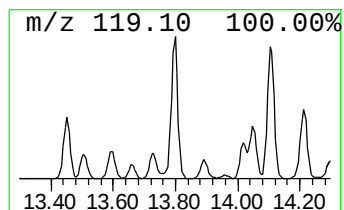
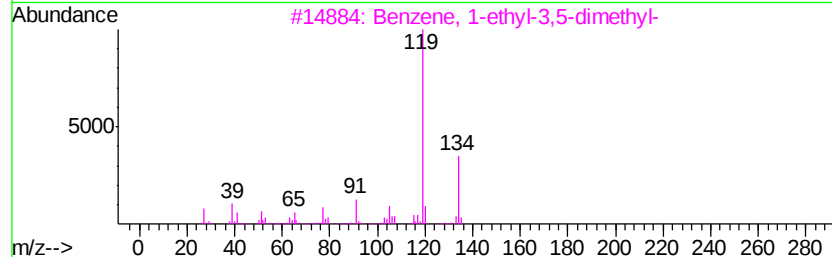
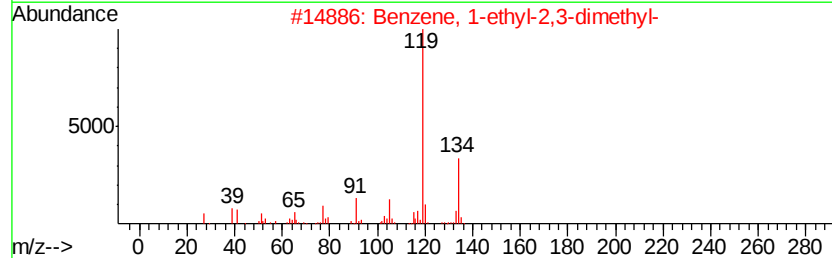
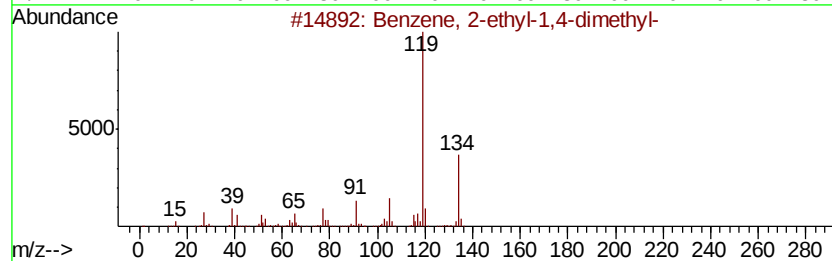
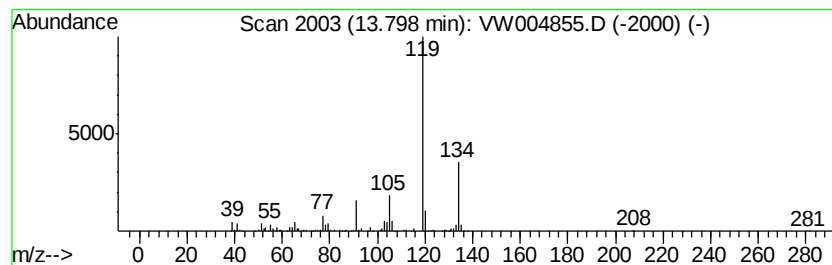
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	32.49 ug/l	248233	1,4-Dichlorobenzene-d4	13.57

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	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
Data File : VW004855.D
Acq On : 21 Aug 2018 21:11
Operator : SY/AP
Sample : J4271-11
Misc : 6.81G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

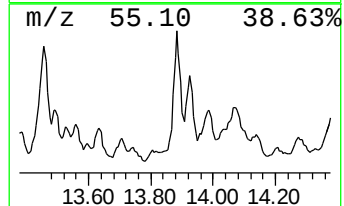
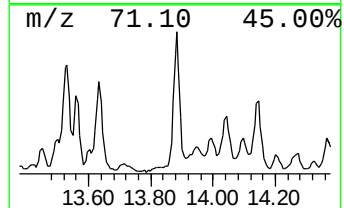
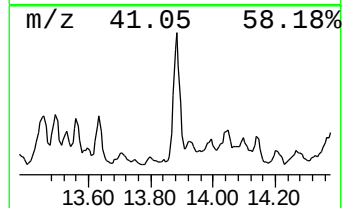
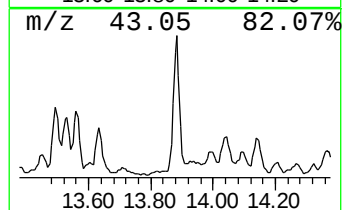
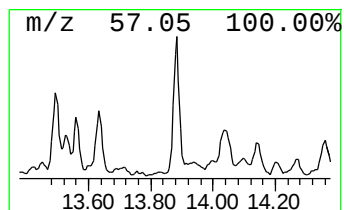
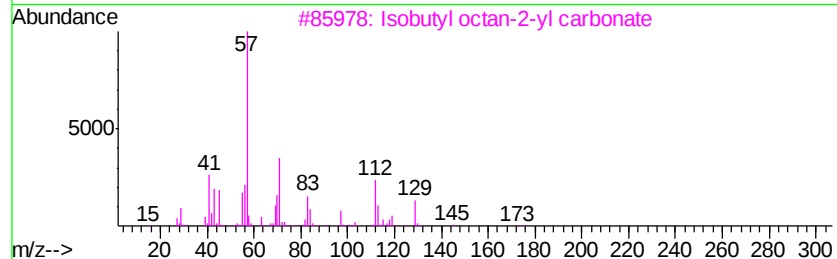
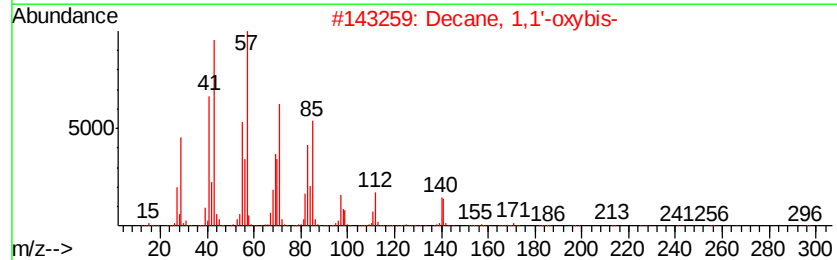
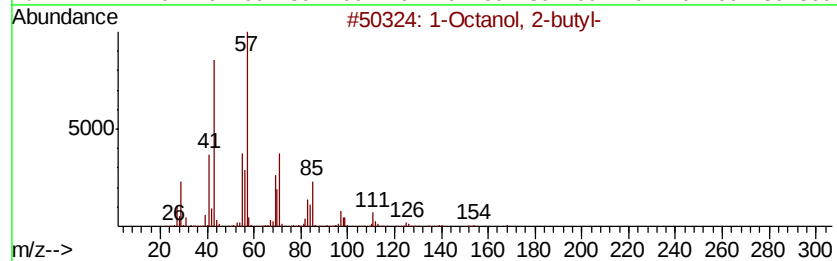
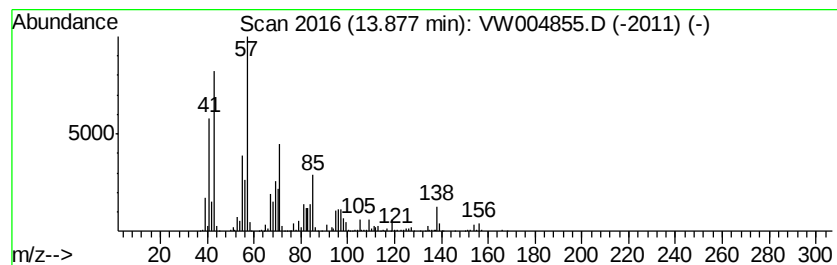
Instrument :
MSVOA_W
ClientSampleId :
HR-06-082018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Octanol, 2-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.88	101.84 ug/l	778049	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
3	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5	Undecane	156	C11H24	001120-21-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082118\
Data File : VW004855.D
Acq On : 21 Aug 2018 21:11
Operator : SY/AP
Sample : J4271-11
Misc : 6.81G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-082018-B

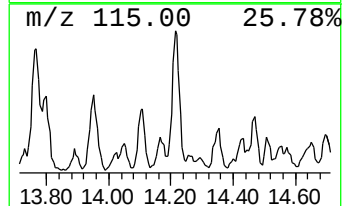
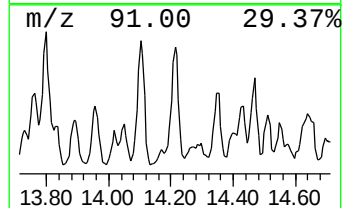
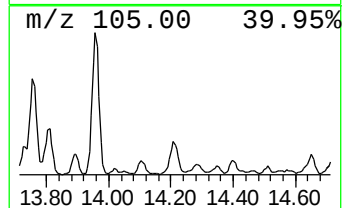
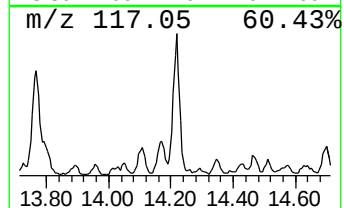
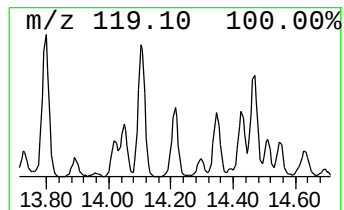
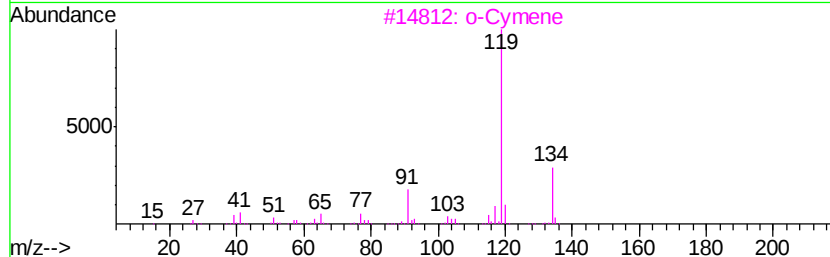
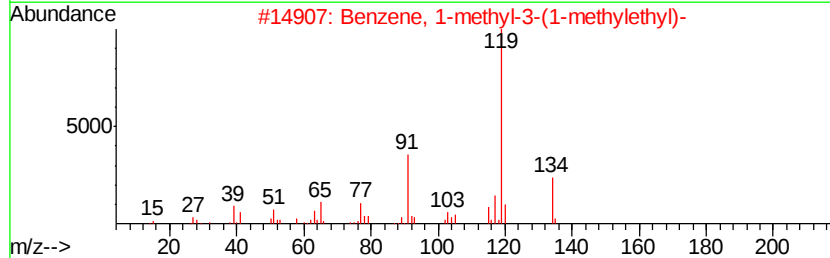
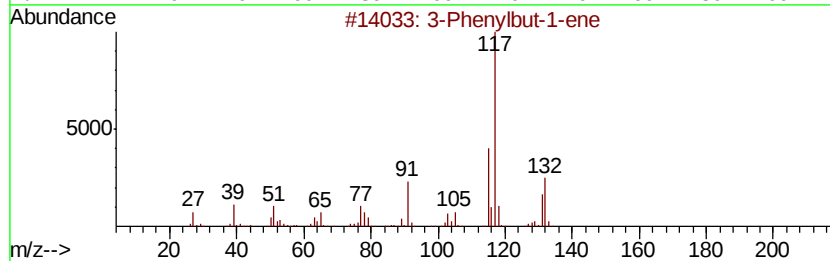
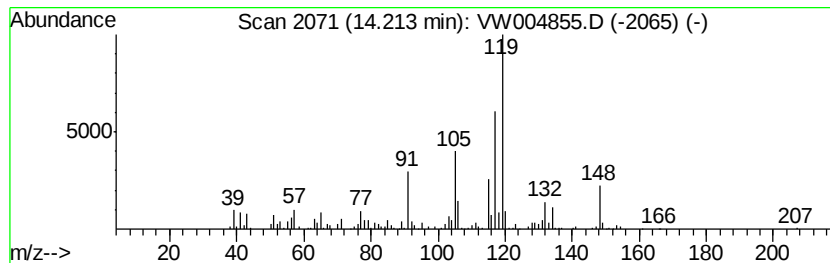
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.21 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	36.55 ug/l	279215	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	47
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
3		o-Cymene	134	C10H14	000527-84-4	46
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
5		p-Cymene	134	C10H14	000099-87-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082118\
Data File : VW004855.D
Acq On : 21 Aug 2018 21:11
Operator : SY/AP
Sample : J4271-11
Misc : 6.81G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-082018-B

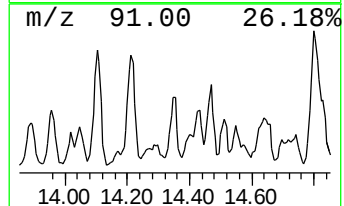
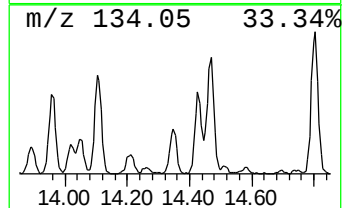
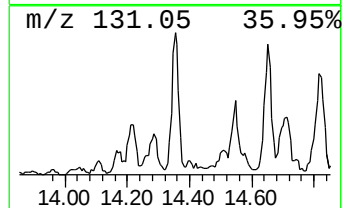
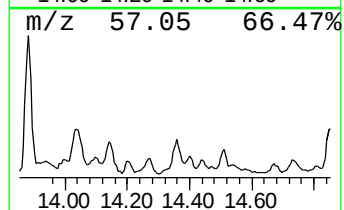
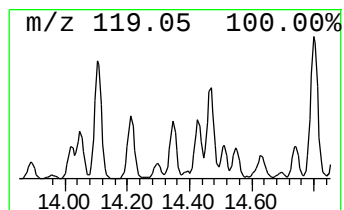
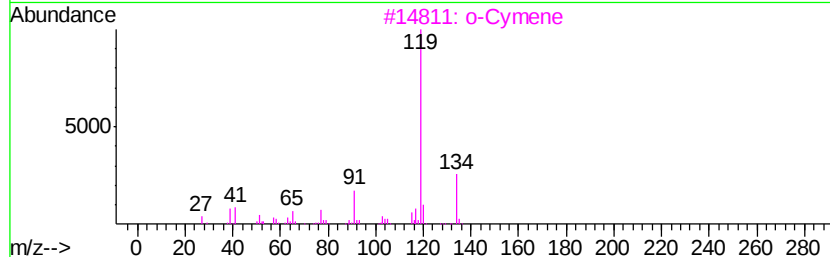
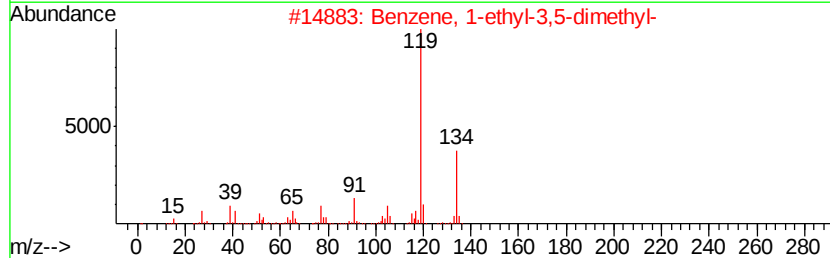
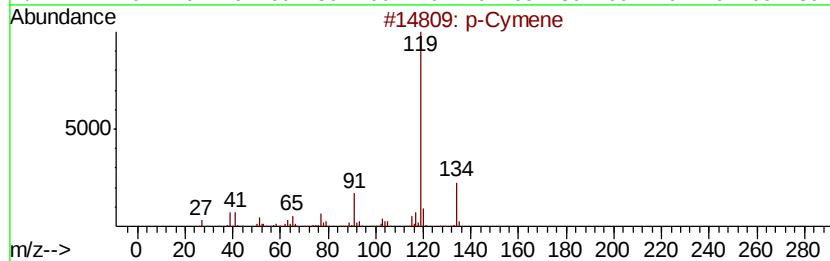
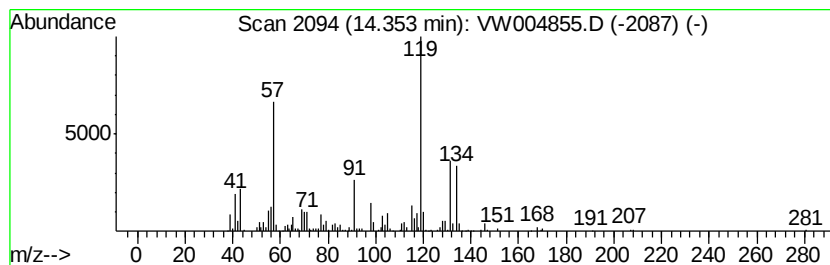
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 9 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	32.89 ug/l	251288	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	76
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
3		o-Cymene	134	C10H14	000527-84-4	76
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082118\
Data File : VW004855.D
Acq On : 21 Aug 2018 21:11
Operator : SY/AP
Sample : J4271-11
Misc : 6.81G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-082018-B

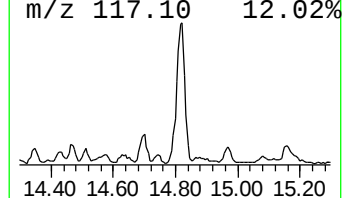
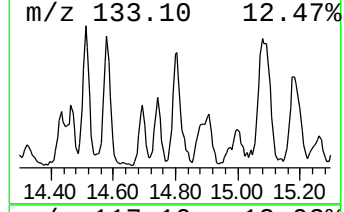
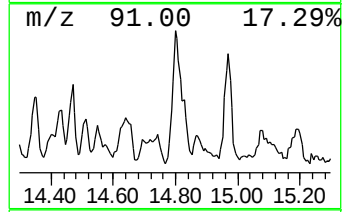
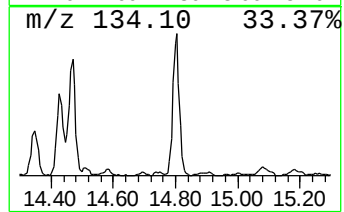
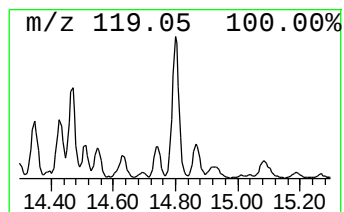
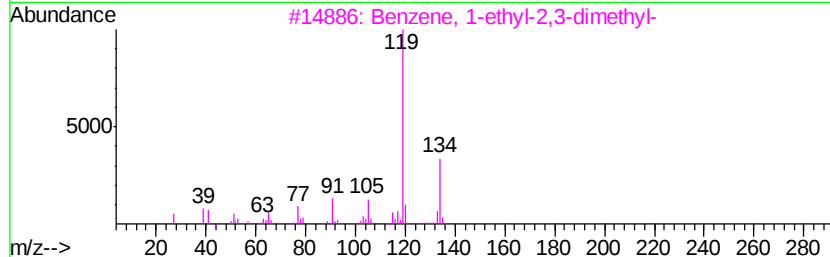
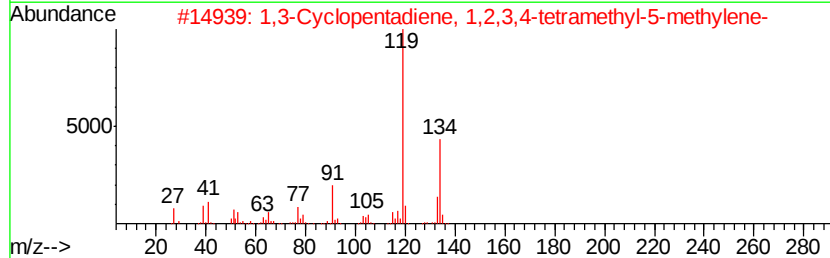
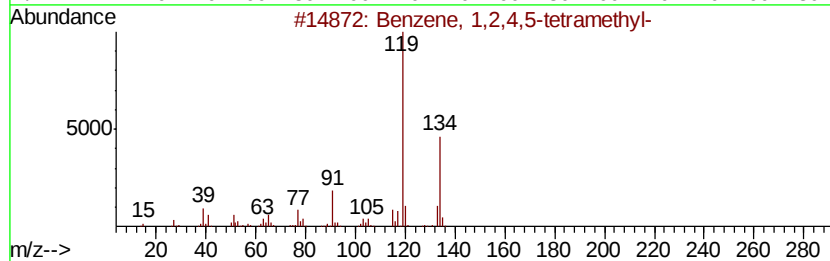
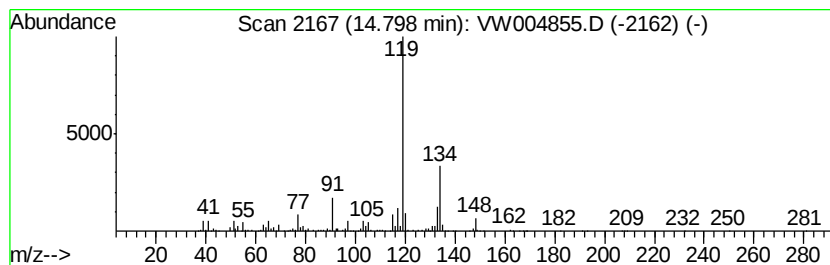
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	70.26 ug/l	536790	1,4-Dichlorobenzene-d4	13.57

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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082118\
 Data File : VW004855.D
 Acq On : 21 Aug 2018 21:11
 Operator : SY/AP
 Sample : J4271-11
 Misc : 6.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.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
Octane, 2,3-dimet...	12.37	86.0	ug/l	432076	3	11.63	251124	50.0
Benzene, 1-ethyl-...	13.11	63.8	ug/l	487048	4	13.57	382008	50.0
Decane, 4-methyl-	13.17	51.6	ug/l	393959	4	13.57	382008	50.0
Benzene, 1-methyl...	13.45	60.2	ug/l	459797	4	13.57	382008	50.0
Benzene, 2-ethyl-...	13.80	32.5	ug/l	248233	4	13.57	382008	50.0
1-Octanol, 2-butyl-	13.88	101.8	ug/l	778049	4	13.57	382008	50.0
unknown14.21	14.21	36.5	ug/l	279215	4	13.57	382008	50.0
p-Cymene	14.35	32.9	ug/l	251288	4	13.57	382008	50.0
Benzene, 1,2,4,5-...	14.80	70.3	ug/l	536790	4	13.57	382008	50.0