

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006855.D
 Acq On : 13 Nov 2018 15:37
 Operator : SY/AP
 Sample : J5860-22
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-110(17-19)

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	3.044	176	187	230	rBV	1295012	4941823	1.10%	0.163%
2	3.422	236	249	272	rBV4	1493707	6793141	1.51%	0.224%
3	3.867	312	322	353	rVB	4067982	13150231	2.93%	0.434%
4	4.982	482	505	566	rVB3	9321554	58461200	13.02%	1.930%
5	5.458	566	583	622	rBV	7441578	33142197	7.38%	1.094%
6	5.775	622	635	652	rBV	1547061	6132672	1.37%	0.202%
7	5.964	653	666	686	rBV	10796112	47263600	10.53%	1.560%
8	6.311	711	723	737	rBV	5429093	20908378	4.66%	0.690%
9	6.452	737	746	771	rVB2	2975598	13086917	2.92%	0.432%
10	6.750	783	795	810	rBV	4976839	21158135	4.71%	0.698%
11	6.909	810	821	828	rVV	6053980	26779941	5.97%	0.884%
12	7.006	828	837	899	rVB	17899615	95344888	21.24%	3.147%
13	7.659	934	944	945	rBV2	2359404	5608025	1.25%	0.185%
14	7.714	946	953	964	rVV	7584622	24197698	5.39%	0.799%
15	7.970	983	995	1004	rBV4	29354431	152460044	33.97%	5.032%
16	8.195	1024	1032	1066	rVB4	28323044	208634149	46.48%	6.887%
17	8.512	1067	1084	1094	rBV7	30963740	218290559	48.63%	7.205%
18	8.726	1114	1119	1135	rVV8	12598440	70848849	15.78%	2.339%
19	8.866	1136	1142	1164	rVB5	23784917	137187785	30.56%	4.528%
20	9.140	1182	1187	1209	rVB2	13673281	63842063	14.22%	2.107%
21	9.372	1209	1225	1250	rBV9	39715391	448850127	100.00%	14.816%
22	9.780	1287	1292	1295	rBV2	15346582	34627391	7.71%	1.143%
23	11.865	1632	1634	1639	rBV3	10333136	15993423	3.56%	0.528%
24	12.097	1667	1672	1678	rVB4	19050986	40326238	8.98%	1.331%
25	12.164	1678	1683	1693	rBV2	24972688	70829650	15.78%	2.338%
26	12.365	1705	1716	1721	rBV4	20189908	74351752	16.56%	2.454%
27	12.487	1731	1736	1741	rBV2	22909553	41937765	9.34%	1.384%
28	12.609	1750	1756	1762	rVB2	10060852	24737829	5.51%	0.817%
29	12.664	1762	1765	1769	rVB	7093430	10053737	2.24%	0.332%
30	12.719	1769	1774	1779	rVB3	6979957	12448761	2.77%	0.411%
31	12.816	1784	1790	1797	rVB2	36156550	82038956	18.28%	2.708%
32	12.914	1800	1806	1810	rBV2	39686996	84047940	18.73%	2.774%
33	12.957	1810	1813	1819	rVB2	35610828	61910889	13.79%	2.044%
34	13.115	1831	1839	1846	rBV	17594130	34533141	7.69%	1.140%

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35	13.261	1856	1863	1874	rVB2	45668394	113040089	25.18%	3.731%
36	13.389	1875	1884	1885	rBV4	3285565	7887928	1.76%	0.260%
37	13.493	1897	1901	1904	rBV2	3788467	5909920	1.32%	0.195%
38	13.597	1913	1918	1930	rVB2	22803559	53146923	11.84%	1.754%
39	13.725	1933	1939	1942	rBV	9987818	16673669	3.71%	0.550%
40	13.767	1942	1946	1948	rVV	14358583	25167795	5.61%	0.831%
41	13.798	1948	1951	1961	rVB4	24933789	55365189	12.33%	1.827%
42	13.889	1961	1966	1970	rBV2	3262852	6158808	1.37%	0.203%
43	13.956	1972	1977	1981	rVB	7518943	11134317	2.48%	0.368%
44	14.017	1982	1987	1989	rBV	16604219	25658501	5.72%	0.847%
45	14.048	1989	1992	1996	rVB	15821815	23020007	5.13%	0.760%
46	14.103	1996	2001	2007	rBV	25404787	41652836	9.28%	1.375%
47	14.212	2014	2019	2024	rVB2	16592112	27930921	6.22%	0.922%
48	14.273	2024	2029	2035	rVB4	2427417	5821233	1.30%	0.192%
49	14.347	2035	2041	2046	rBV3	7650817	14193601	3.16%	0.468%
50	14.426	2046	2054	2057	rBV	16968657	31036558	6.91%	1.024%
51	14.462	2057	2060	2064	rVV	18243504	26565433	5.92%	0.877%
52	14.505	2064	2067	2071	rVV	11803978	15406924	3.43%	0.509%
53	14.548	2071	2074	2079	rVB	7927824	11038698	2.46%	0.364%
54	14.651	2087	2091	2094	rVB	6381140	8464116	1.89%	0.279%
55	14.694	2094	2098	2103	rBV2	17348745	33056039	7.36%	1.091%
56	14.737	2103	2105	2110	rVB	9017027	11640364	2.59%	0.384%
57	14.816	2110	2118	2123	rBV4	23058289	58904203	13.12%	1.944%
58	14.865	2123	2126	2138	rVB2	7375328	13440552	2.99%	0.444%
59	14.962	2138	2142	2149	rBV2	3317121	5837200	1.30%	0.193%
60	15.072	2149	2160	2164	rBV2	12928452	32917476	7.33%	1.087%
61	15.188	2172	2179	2185	rVB2	9405533	22083210	4.92%	0.729%
62	15.377	2198	2210	2216	rBV	16755932	33621151	7.49%	1.110%
63	15.474	2221	2226	2231	rVV2	3284333	6512069	1.45%	0.215%
64	15.529	2231	2235	2249	rVB3	2214448	5686813	1.27%	0.188%
65	15.663	2249	2257	2264	rBV	2474733	4816766	1.07%	0.159%
66	15.834	2276	2285	2301	rVB3	1141952	4495354	1.00%	0.148%
67	16.450	2379	2386	2400	rVB	2976647	6384083	1.42%	0.211%

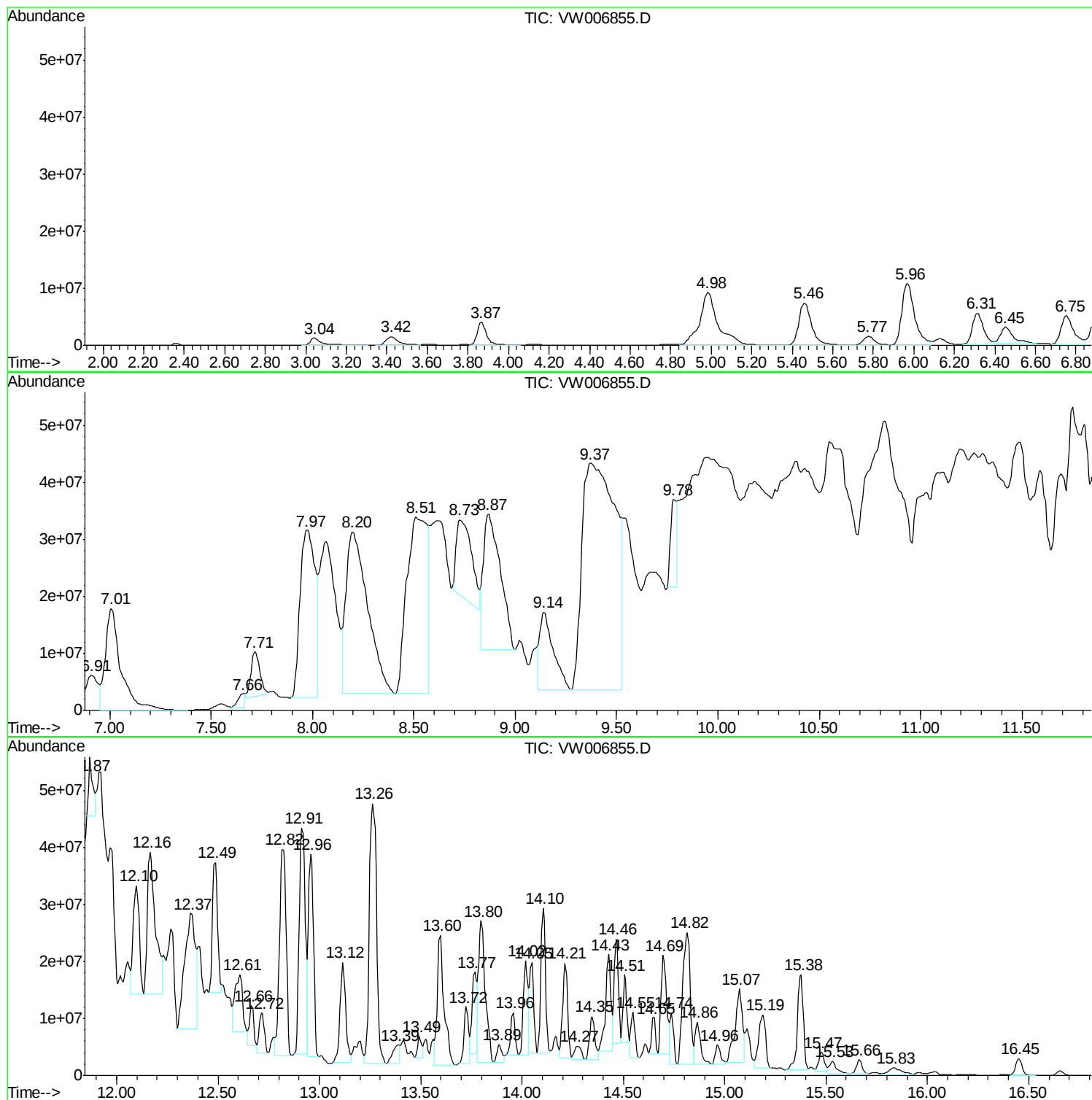
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ClientSampleId :
EP2-SB-110(17-19)

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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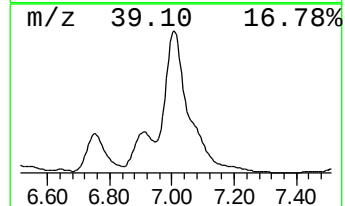
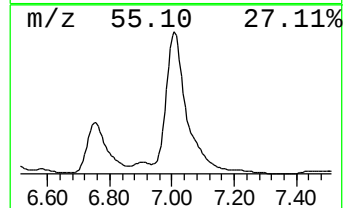
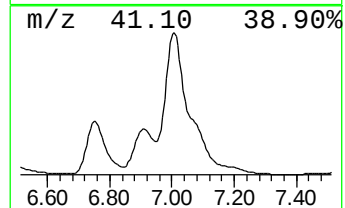
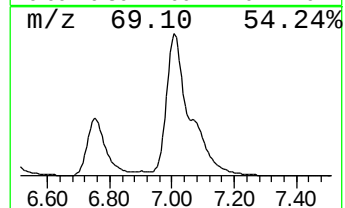
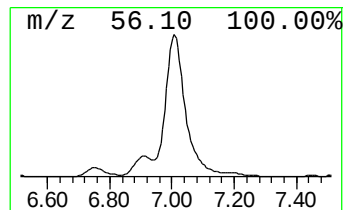
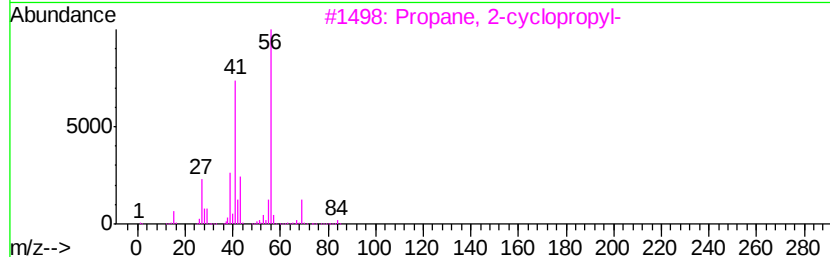
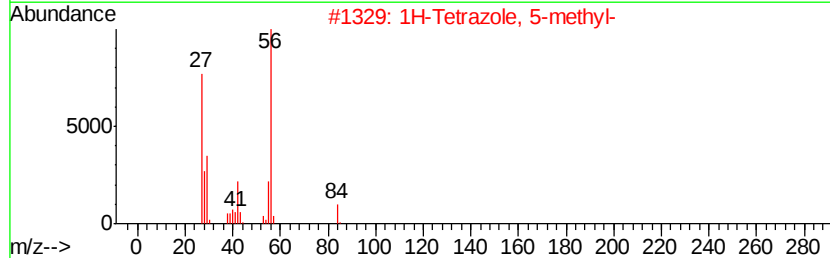
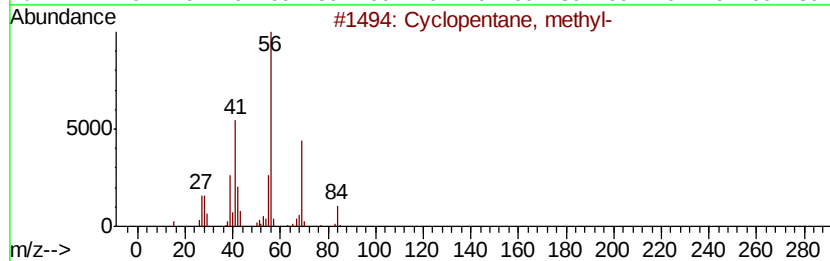
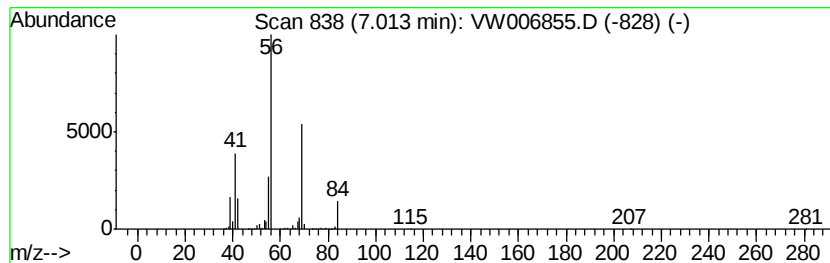
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

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 1 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	31.27 ug/l	95344900	Pentafluorobenzene	7.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, methyl-	84 C6H12	000096-37-7 91
2		1H-Tetrazole, 5-methyl-	84 C2H4N4	004076-36-2 72
3		Propane, 2-cyclopropyl-	84 C6H12	003638-35-5 72
4		Cyclobutane, ethyl-	84 C6H12	004806-61-5 64
5		2H-Pyran-2,6(3H)-dione, dihydro-...	142 C7H10O3	004160-82-1 64



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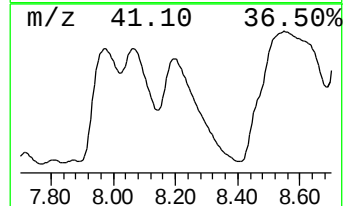
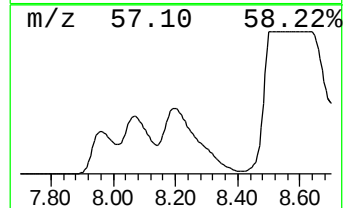
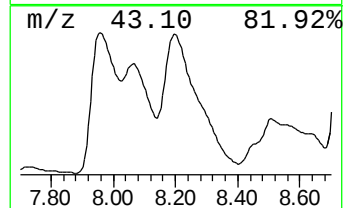
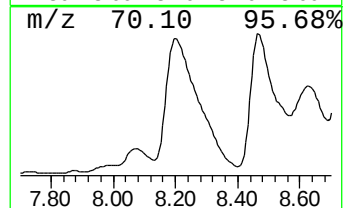
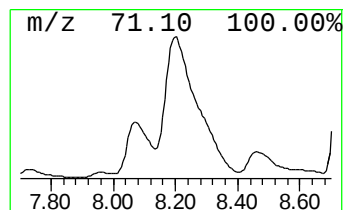
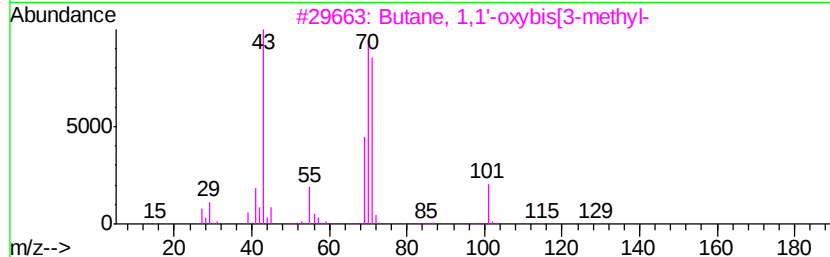
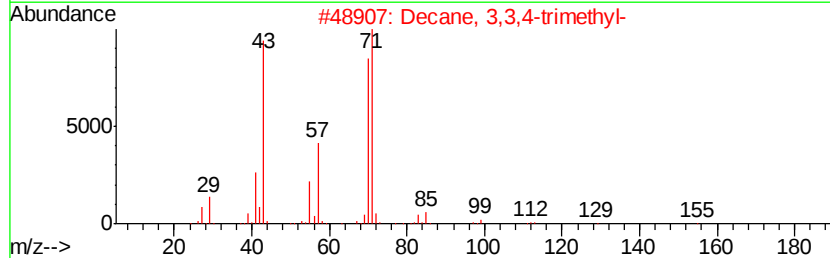
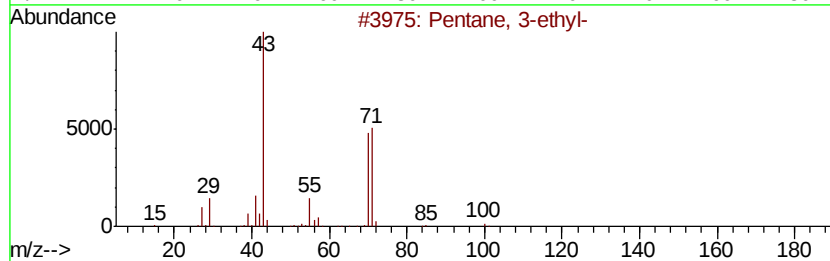
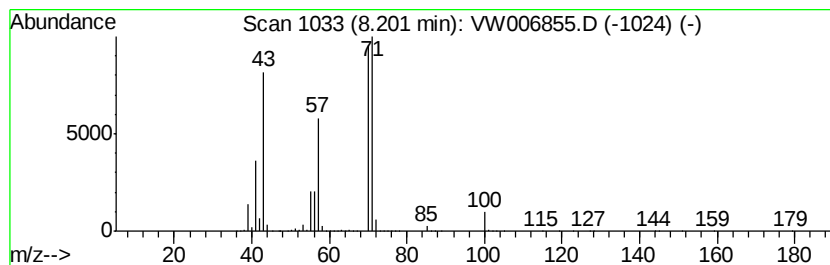
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	68.42 ug/l	208634000	Pentafluorobenzene	7.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
2			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
3			Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	72
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
5			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	45



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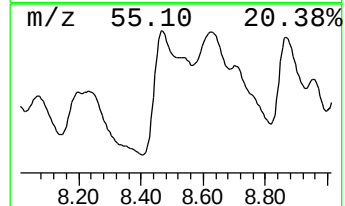
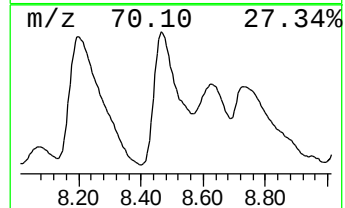
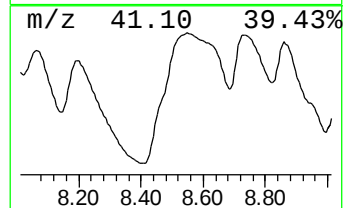
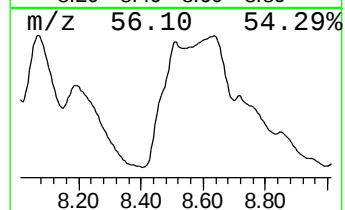
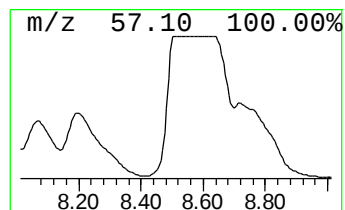
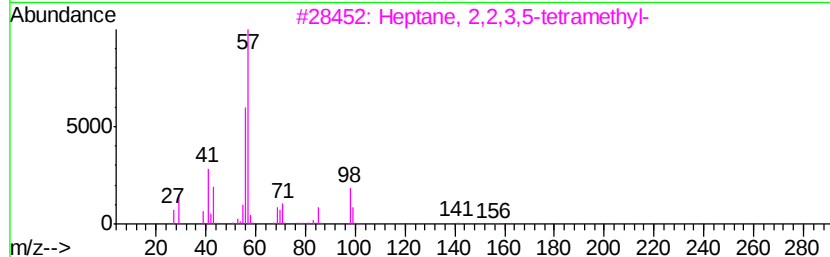
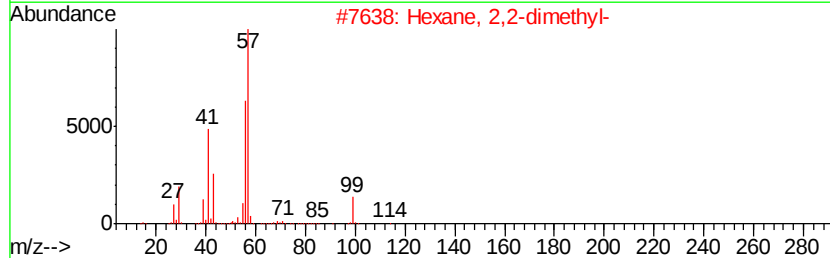
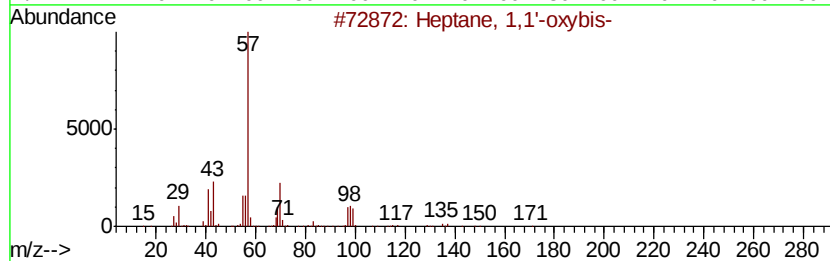
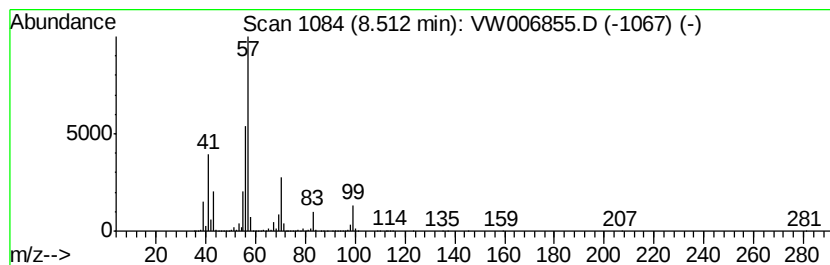
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Peak Number 3 unknown8.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	79.56 ug/l	218291000	1,4-Difluorobenzene	8.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	47
3		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	42
4		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	40
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38



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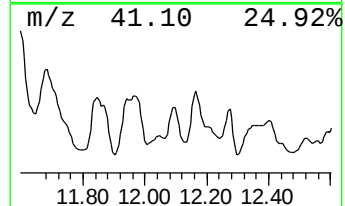
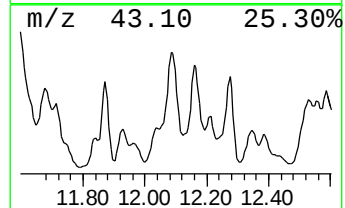
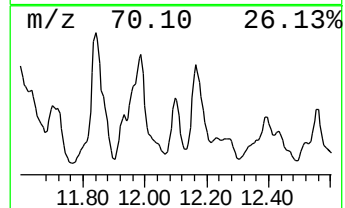
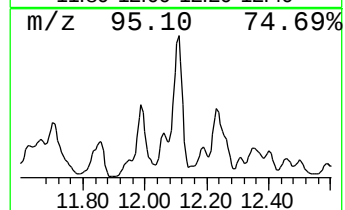
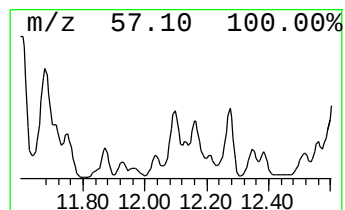
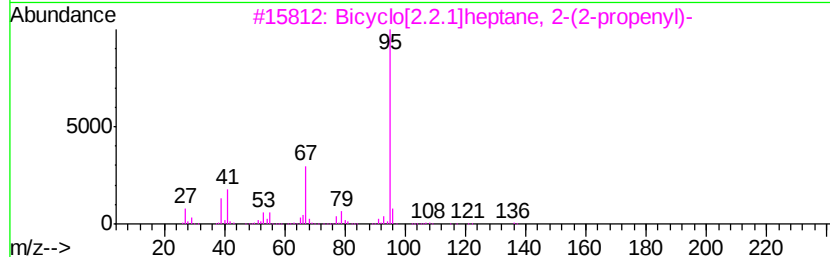
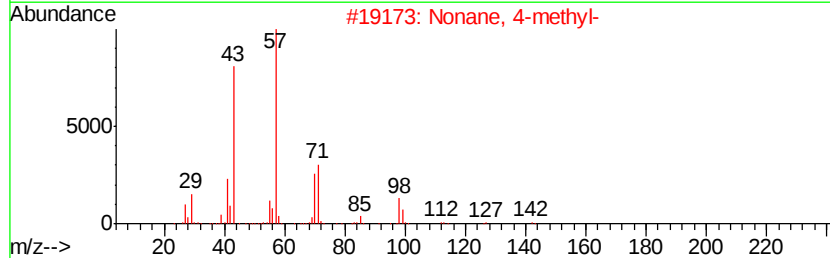
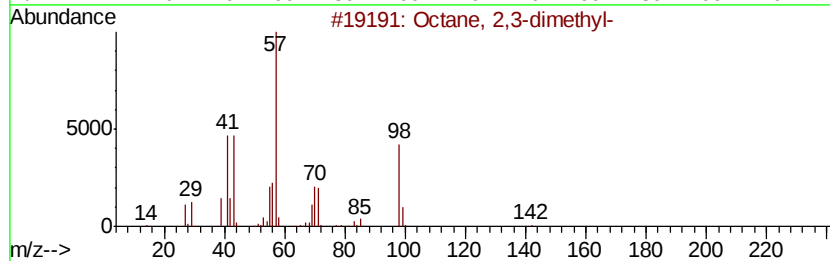
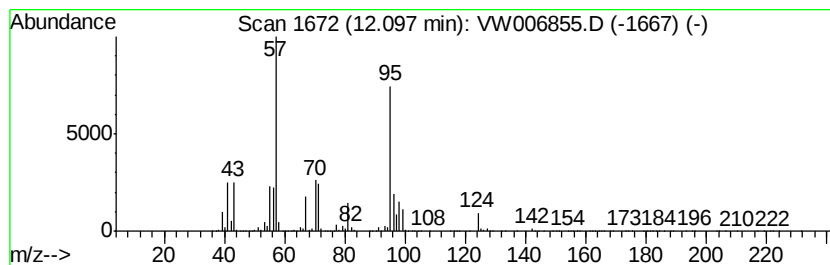
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Peak Number 4 Octane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	126.07 ug/l	40326200	Chlorobenzene-d5	11.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	30
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	30
3		Bicyclo[2.2.1]heptane, 2-(2-propenyl)-	136	C10H16	002633-80-9	27
4		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	22
5		Pilocarpine	208	C11H16N2O2	000092-13-7	17



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006855.D
Acq On : 13 Nov 2018 15:37
Operator : SY/AP
Sample : J5860-22
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

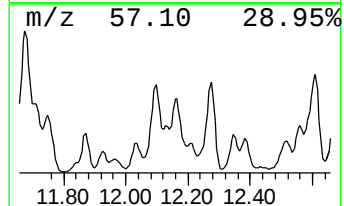
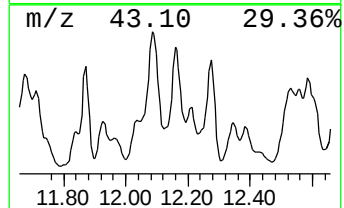
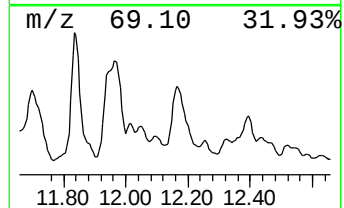
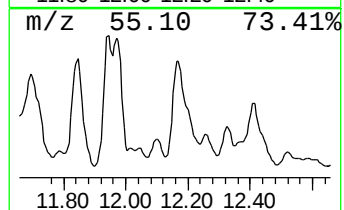
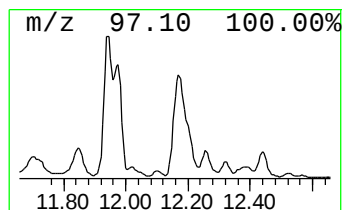
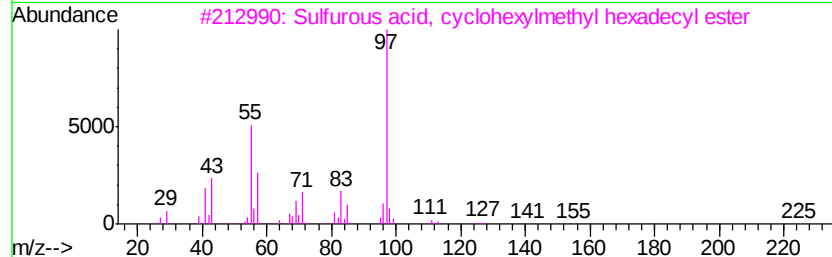
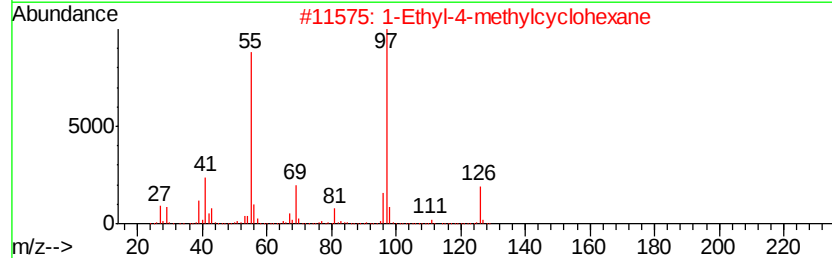
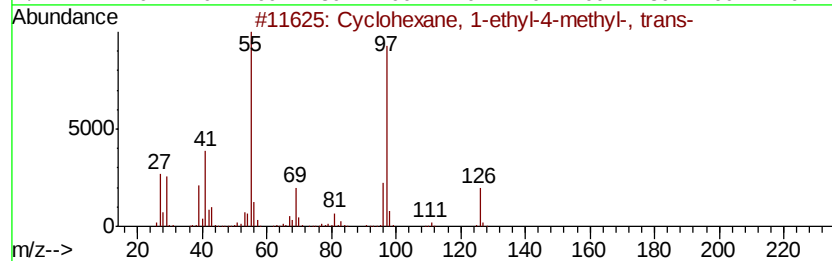
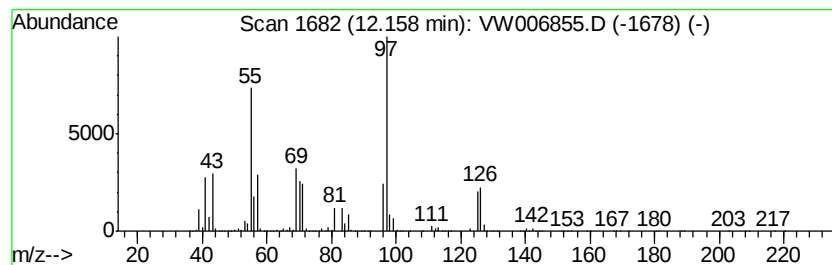
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	221.43 ug/l	70829700	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
3		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
4		Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	50
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006855.D
Acq On : 13 Nov 2018 15:37
Operator : SY/AP
Sample : J5860-22
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

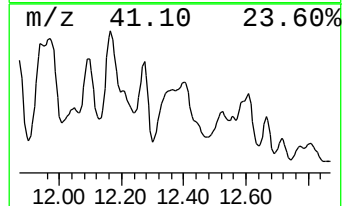
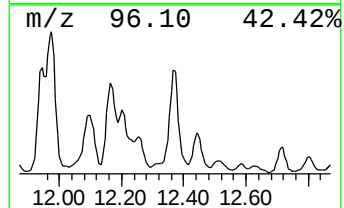
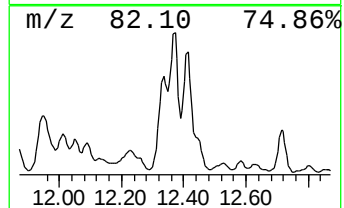
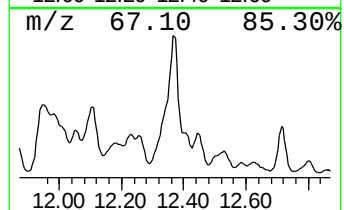
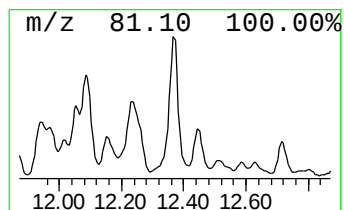
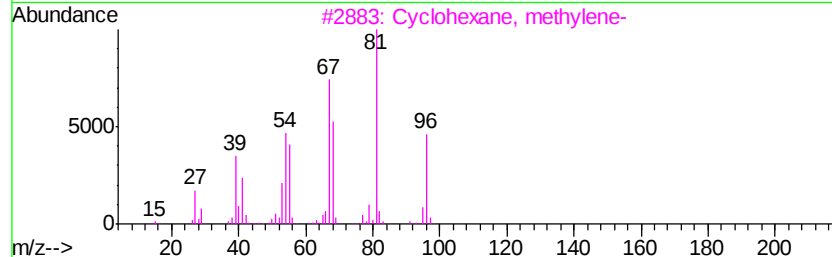
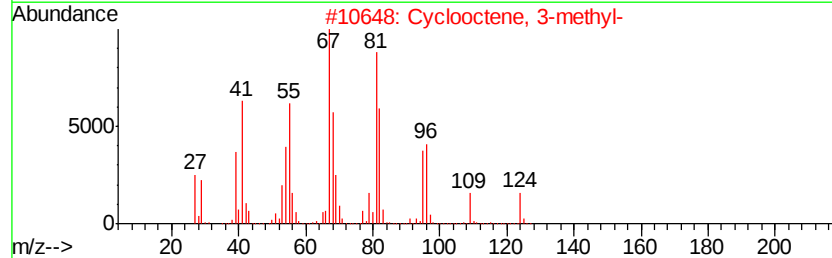
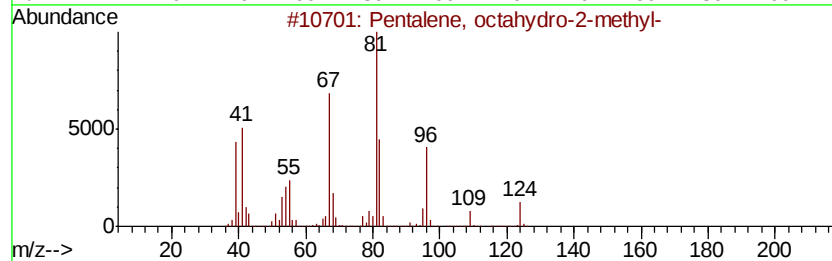
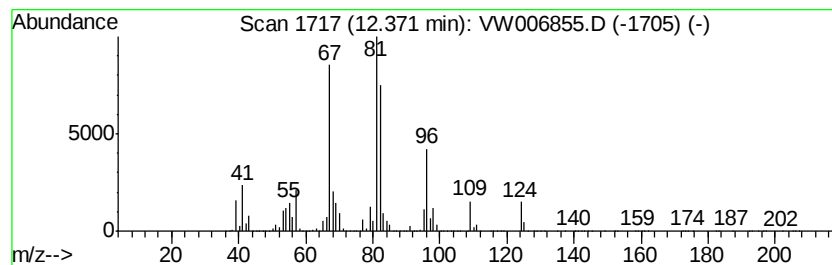
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Quant Title : SW846 8260

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

Peak Number 6 Pentalene, octahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	232.45 ug/l	74351800	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	91
2		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	58
4		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	53
5		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006855.D
Acq On : 13 Nov 2018 15:37
Operator : SY/AP
Sample : J5860-22
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

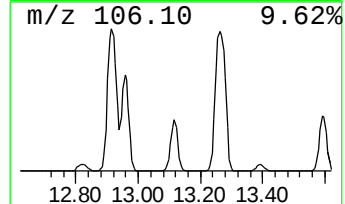
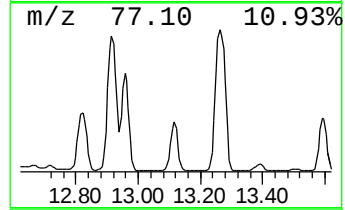
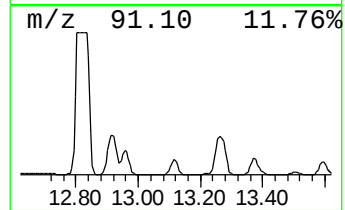
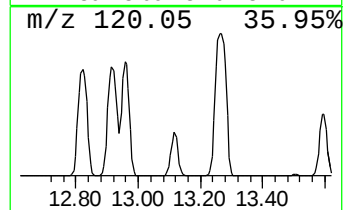
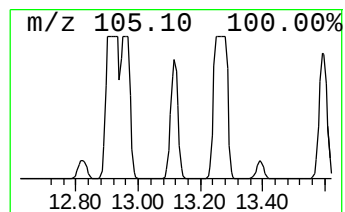
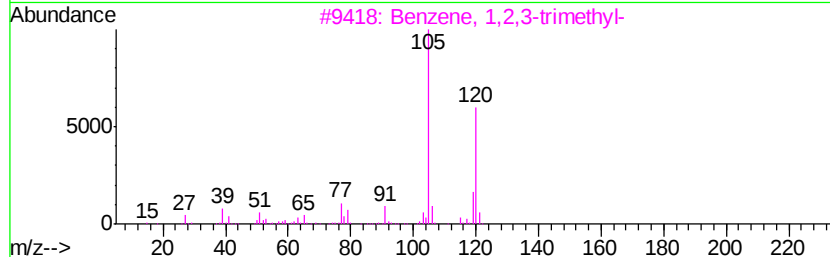
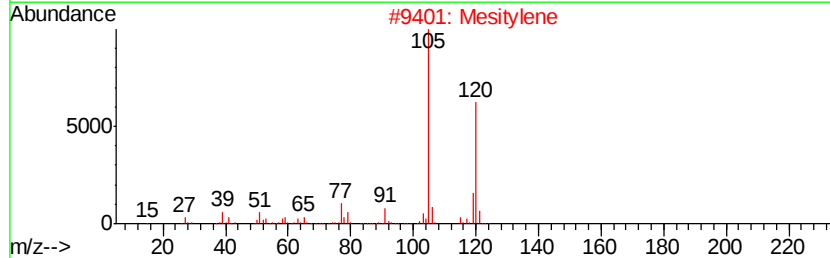
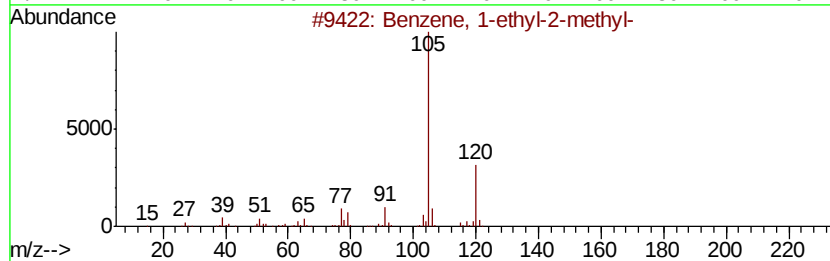
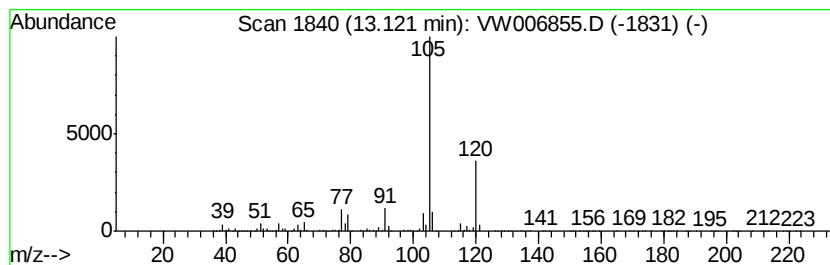
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	32.49 ug/l	34533100	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006855.D
Acq On : 13 Nov 2018 15:37
Operator : SY/AP
Sample : J5860-22
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

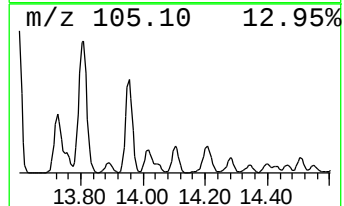
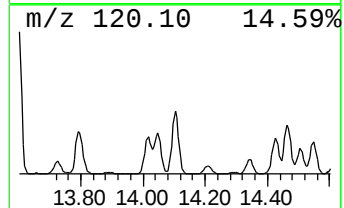
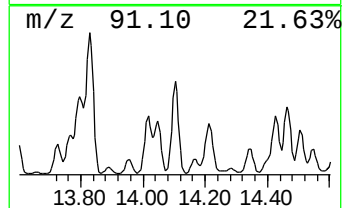
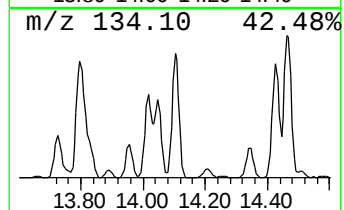
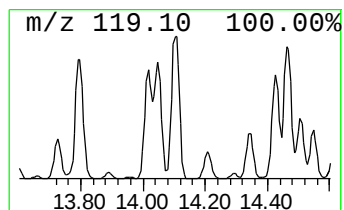
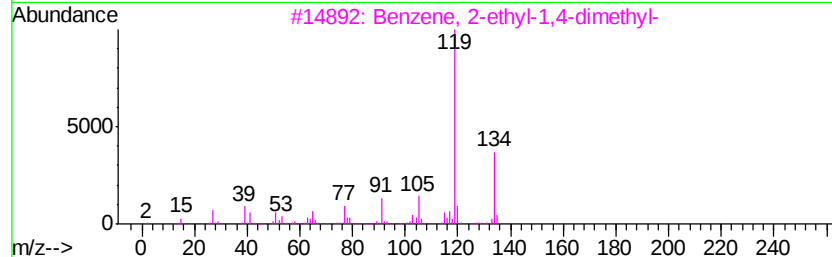
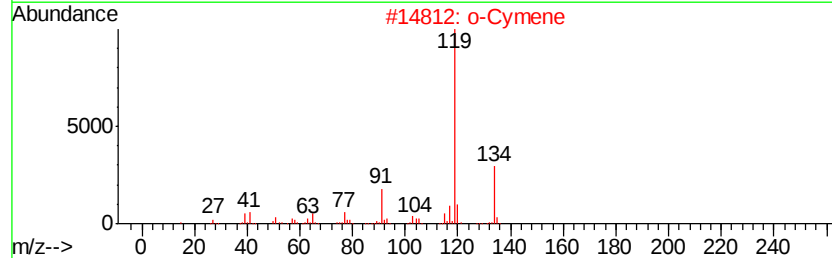
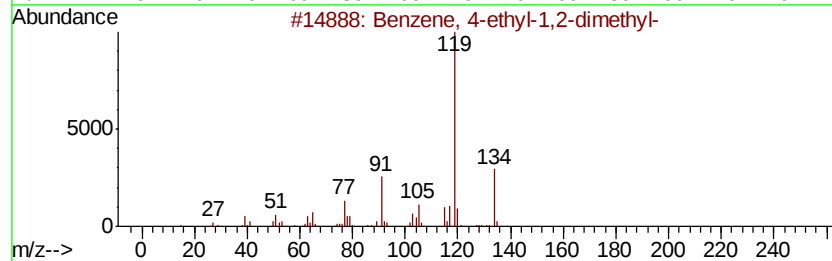
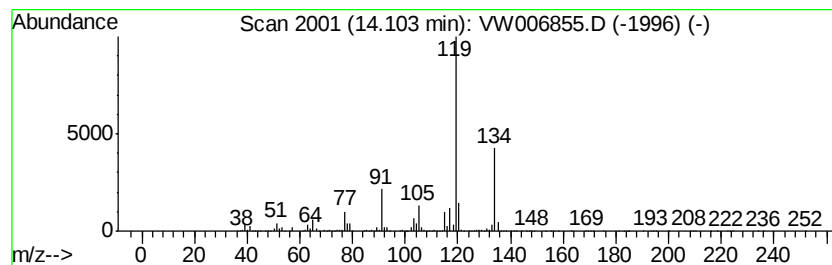
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	39.19 ug/l	41652800	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006855.D
Acq On : 13 Nov 2018 15:37
Operator : SY/AP
Sample : J5860-22
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

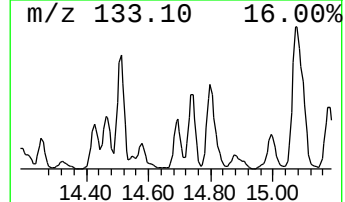
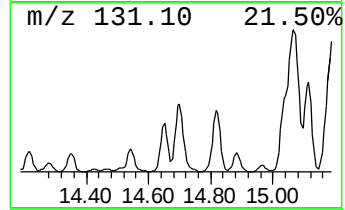
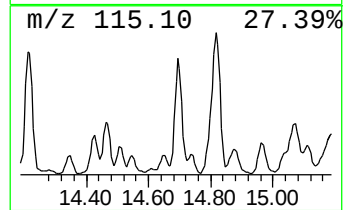
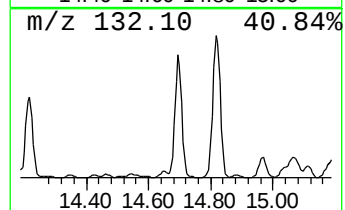
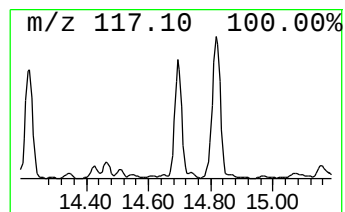
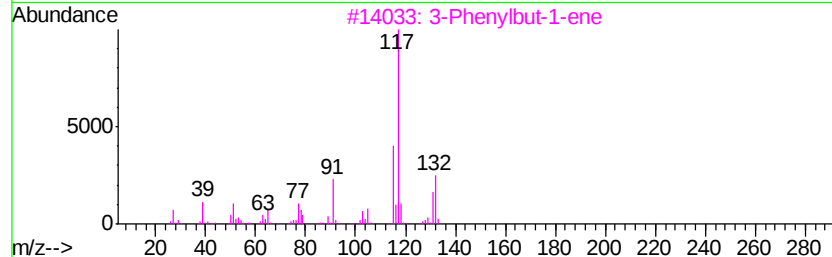
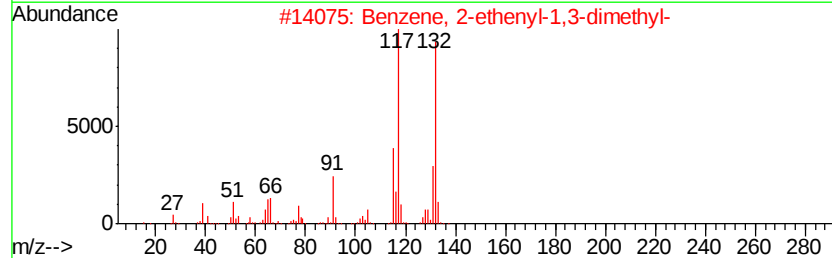
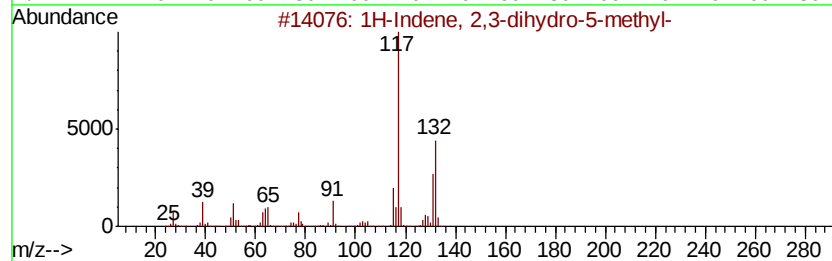
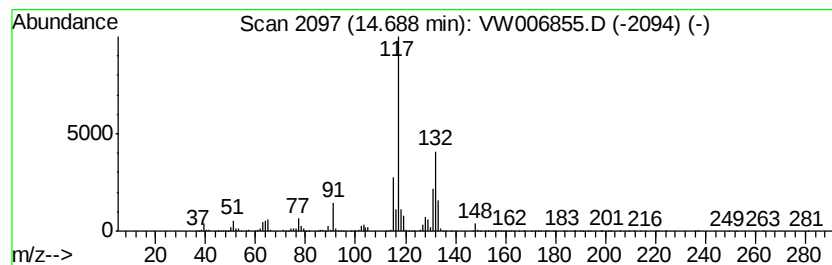
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Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	31.10 ug/l	33056000	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87	
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87	
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87	
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83	
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006855.D
 Acq On : 13 Nov 2018 15:37
 Operator : SY/AP
 Sample : J5860-22
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EP2-SB-110(17-19)

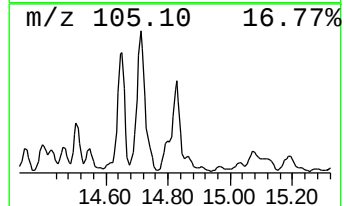
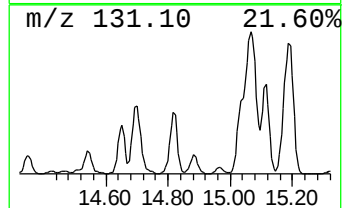
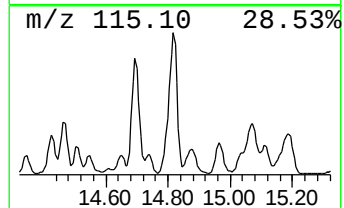
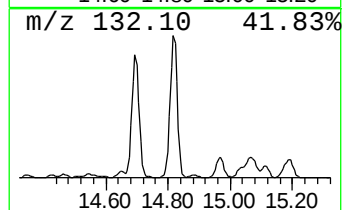
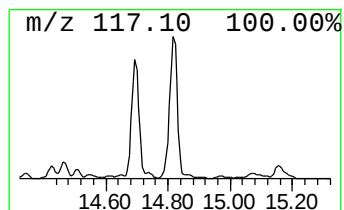
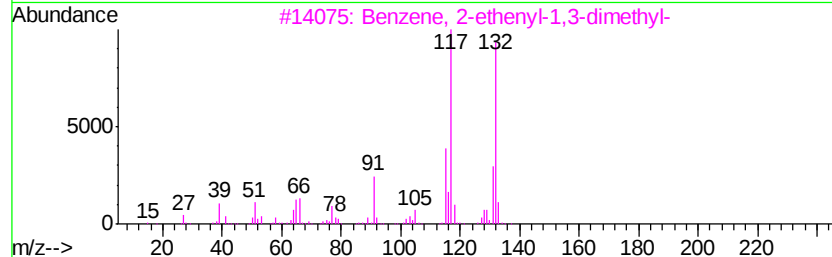
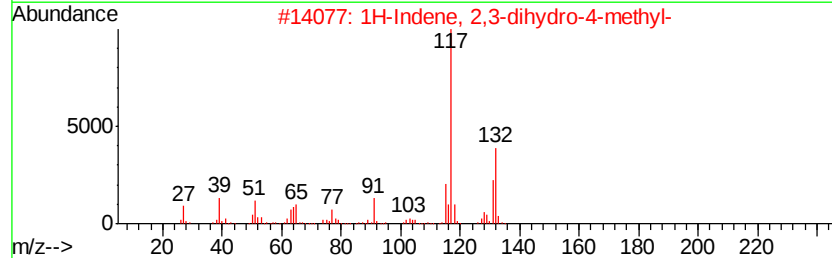
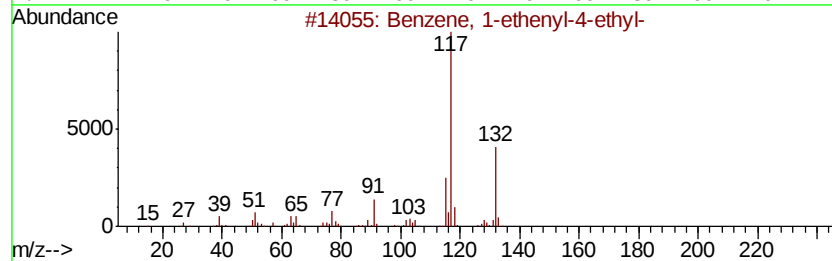
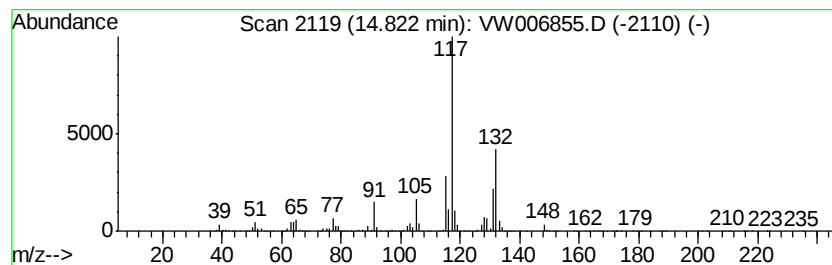
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	55.42 ug/l	58904200	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111318\
Data File : VW006855.D
Acq On : 13 Nov 2018 15:37
Operator : SY/AP
Sample : J5860-22
Misc : 5.81G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)

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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Pentane, 3-ethyl-	8.20	68.4	ug/l	208634000	1	7.97	152460000	50.0
unknown8.51	8.51	79.6	ug/l	218291000	2	8.86	137188000	50.0
Octane, 2,3-dimet...	12.10	126.1	ug/l	40326200	3	11.65	15993400	50.0
Cyclohexane, 1-et...	12.16	221.4	ug/l	70829700	3	11.65	15993400	50.0
Pentalene, octahy...	12.37	232.4	ug/l	74351800	3	11.65	15993400	50.0
Benzene, 1-ethyl-...	13.12	32.5	ug/l	34533100	4	13.58	53146900	50.0
Benzene, 4-ethyl-...	14.10	39.2	ug/l	41652800	4	13.58	53146900	50.0
1H-Indene, 2,3-di...	14.69	31.1	ug/l	33056000	4	13.58	53146900	50.0
Benzene, 1-etheny...	14.82	55.4	ug/l	58904200	4	13.58	53146900	50.0