

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005272.D
 Acq On : 11 Sep 2018 13:45
 Operator : SY/AP
 Sample : J4693-13
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-C(20-25)

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\82W091018S.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	7.891	968	982	987	rBV	231153	544485	2.44%	0.165%
2	7.958	987	993	1006	rVB	662123	1443275	6.46%	0.436%
3	8.311	1042	1051	1063	rBV	222300	496892	2.23%	0.150%
4	8.848	1130	1139	1161	rBV	878856	1781592	7.98%	0.538%
5	10.329	1374	1382	1398	rBV	1485696	2943277	13.18%	0.889%
6	10.500	1405	1410	1420	rVB3	102512	243654	1.09%	0.074%
7	10.671	1433	1438	1443	rVB	392152	651112	2.92%	0.197%
8	10.768	1448	1454	1458	rBV2	207097	401709	1.80%	0.121%
9	10.854	1464	1468	1473	rVB	225435	359706	1.61%	0.109%
10	10.945	1473	1483	1489	rVB	723069	1237879	5.54%	0.374%
11	11.043	1489	1499	1507	rBV2	477939	1064602	4.77%	0.322%
12	11.116	1507	1511	1515	rVV	299856	536529	2.40%	0.162%
13	11.183	1518	1522	1526	rVV	529810	941302	4.22%	0.284%
14	11.238	1526	1531	1536	rVV	2204234	3874270	17.35%	1.171%
15	11.292	1536	1540	1544	rVV	442503	781957	3.50%	0.236%
16	11.347	1544	1549	1553	rVV	1230705	2139665	9.58%	0.647%
17	11.384	1553	1555	1559	rVV	272802	402391	1.80%	0.122%
18	11.439	1559	1564	1572	rVB	1900098	3290184	14.74%	0.994%
19	11.512	1572	1576	1579	rBV	181068	250719	1.12%	0.076%
20	11.640	1588	1597	1605	rBV	1445211	2998209	13.43%	0.906%
21	11.725	1605	1611	1614	rBV2	243079	435547	1.95%	0.132%
22	11.774	1614	1619	1622	rBV	993020	1507498	6.75%	0.456%
23	11.823	1622	1627	1631	rVV4	714076	1247321	5.59%	0.377%
24	11.878	1631	1636	1640	rVV	3105478	5703835	25.55%	1.724%
25	11.920	1640	1643	1649	rVB	2354146	4156118	18.62%	1.256%
26	11.981	1649	1653	1655	rBV2	544886	857477	3.84%	0.259%
27	12.067	1660	1667	1672	rVB3	1751360	3730826	16.71%	1.127%
28	12.146	1672	1680	1686	rBV3	5778576	13275902	59.47%	4.012%
29	12.195	1686	1688	1691	rVB2	584839	623084	2.79%	0.188%
30	12.262	1691	1699	1703	rVB	7753729	12915800	57.85%	3.903%
31	12.347	1703	1713	1714	rBV4	6418134	12207895	54.68%	3.689%
32	12.463	1728	1732	1736	rBV4	1467747	2468579	11.06%	0.746%
33	12.512	1737	1740	1747	rVB3	3392155	6291288	28.18%	1.901%
34	12.567	1747	1749	1753	rVB	829930	1098641	4.92%	0.332%

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35	12.628	1753	1759	1764	rVB3	2157037	3770532	16.89%	1.139%
36	12.707	1764	1772	1776	rBV5	3359772	8338340	37.35%	2.520%
37	12.756	1776	1780	1781	rBV2	1105296	1376857	6.17%	0.416%
38	12.786	1781	1785	1793	rVB3	8383897	16690260	74.76%	5.043%
39	12.871	1793	1799	1803	rBV4	3697294	7946918	35.60%	2.401%
40	12.951	1803	1812	1817	rBV3	8697470	20578495	92.18%	6.218%
41	12.999	1817	1820	1825	rVB2	5134895	7802822	34.95%	2.358%
42	13.048	1825	1828	1830	rBV3	702731	959592	4.30%	0.290%
43	13.091	1830	1835	1838	rBV2	4249647	5953917	26.67%	1.799%
44	13.134	1838	1842	1845	rBV2	3193651	5349459	23.96%	1.616%
45	13.176	1845	1849	1856	rVB2	14524266	22324696	100.00%	6.746%
46	13.298	1862	1869	1874	rBV3	2908464	6298818	28.21%	1.903%
47	13.353	1874	1878	1881	rVV2	2790167	5142136	23.03%	1.554%
48	13.390	1881	1884	1888	rVV2	3356752	4930327	22.08%	1.490%
49	13.457	1888	1895	1899	rVV4	5394774	12543500	56.19%	3.790%
50	13.493	1899	1901	1906	rVB4	2479076	3035217	13.60%	0.917%
51	13.566	1908	1913	1917	rVV3	1345836	2593206	11.62%	0.784%
52	13.634	1921	1924	1925	rBV	503117	517788	2.32%	0.156%
53	13.713	1932	1937	1943	rBV3	1965120	4798820	21.50%	1.450%
54	13.835	1950	1957	1960	rBV3	897642	2014933	9.03%	0.609%
55	13.890	1960	1966	1970	rVV2	9778226	17092642	76.56%	5.165%
56	13.926	1970	1972	1977	rVB2	2276088	3190672	14.29%	0.964%
57	13.993	1978	1983	1986	rBV3	2480292	4530344	20.29%	1.369%
58	14.109	1997	2002	2006	rVB	7168353	11048097	49.49%	3.339%
59	14.213	2014	2019	2025	rVB3	4489510	8529466	38.21%	2.577%
60	14.280	2025	2030	2035	rBV4	1257504	2292838	10.27%	0.693%
61	14.353	2035	2042	2045	rBV3	1091556	2609002	11.69%	0.788%
62	14.396	2045	2049	2052	rVV2	4455162	7396894	33.13%	2.235%
63	14.432	2052	2055	2063	rVB2	4077528	6481330	29.03%	1.959%
64	14.505	2063	2067	2071	rBV	819271	1252332	5.61%	0.378%
65	14.560	2071	2076	2082	rBV3	2458289	4902013	21.96%	1.481%
66	14.615	2082	2085	2087	rBV3	285673	357235	1.60%	0.108%
67	14.707	2096	2100	2103	rBV3	267783	412452	1.85%	0.125%
68	14.749	2103	2107	2111	rVV3	510522	746622	3.34%	0.226%
69	14.804	2111	2116	2122	rVV2	7164209	13119224	58.77%	3.964%
70	14.865	2122	2126	2133	rVB2	1495444	3011556	13.49%	0.910%
71	14.932	2133	2137	2142	rVB5	245322	362484	1.62%	0.110%

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72	15.072	2156	2160	2164	rVV2	749552	1332130	5.97%	0.403%
73	15.115	2164	2167	2174	rVV2	853354	1629334	7.30%	0.492%
74	15.188	2174	2179	2188	rVB3	1061462	2391994	10.71%	0.723%
75	15.280	2189	2194	2198	rVB3	268866	470346	2.11%	0.142%
76	15.334	2198	2203	2210	rVB3	395087	857154	3.84%	0.259%
77	15.420	2211	2217	2221	rBV5	107646	240719	1.08%	0.073%
78	15.481	2221	2227	2232	rBV	213414	414733	1.86%	0.125%
79	16.456	2380	2387	2404	rVB	163590	387419	1.74%	0.117%

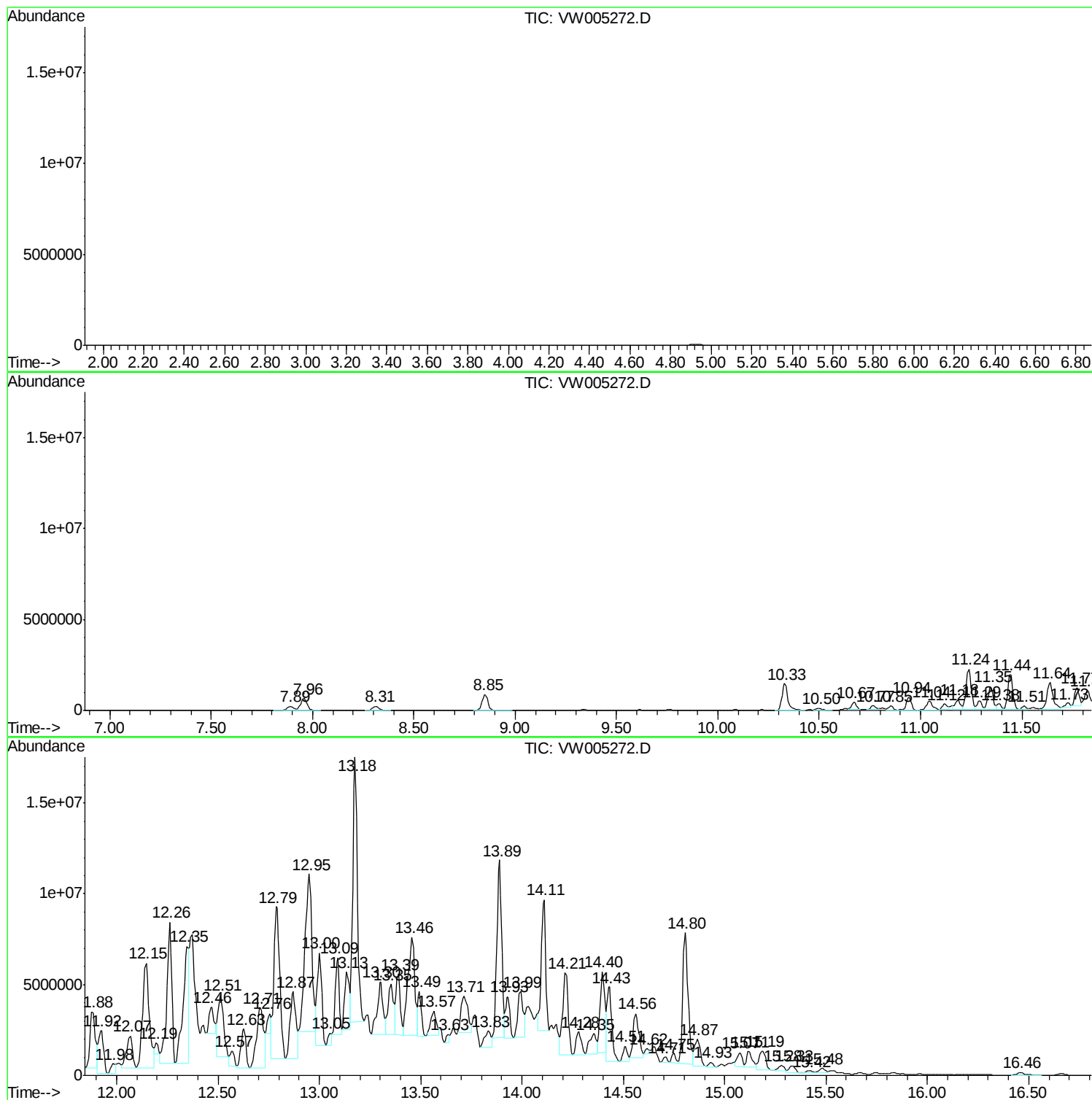
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EP1-MW-C(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

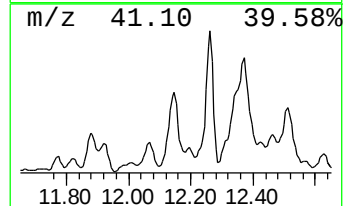
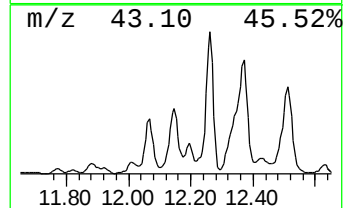
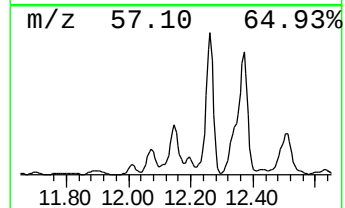
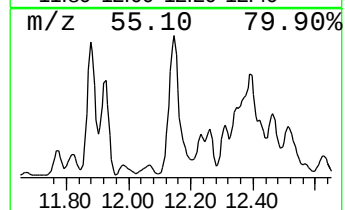
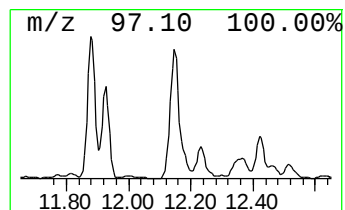
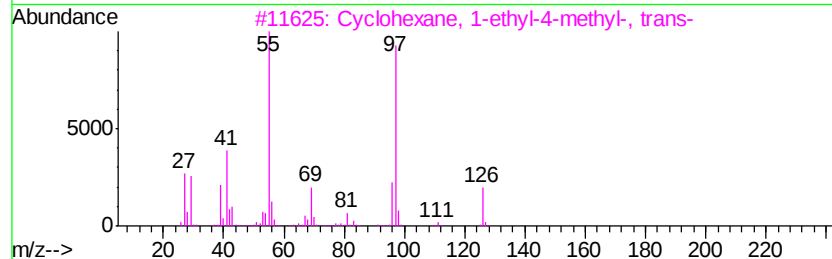
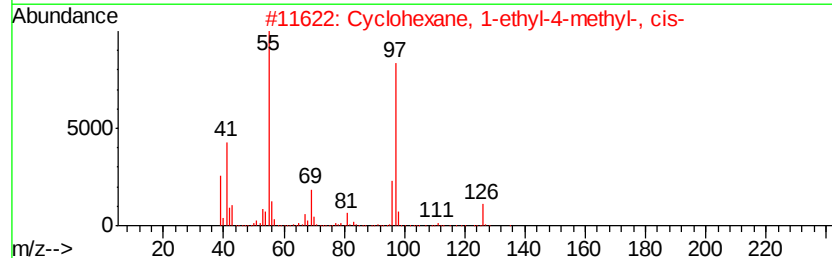
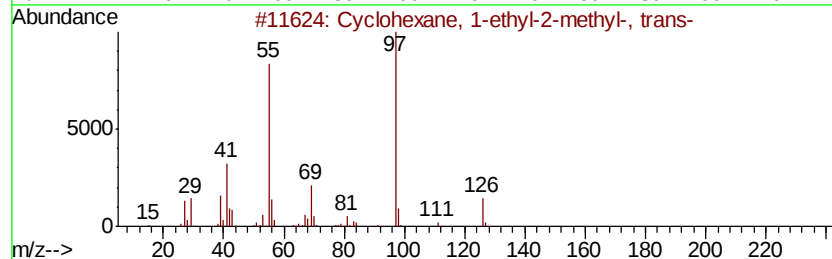
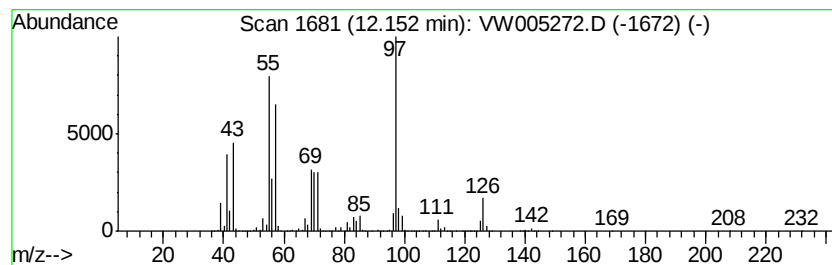
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	221.40 ug/l	13275900	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	46
4		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46
5		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	43



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Sample : J4693-13
Misc : 4.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

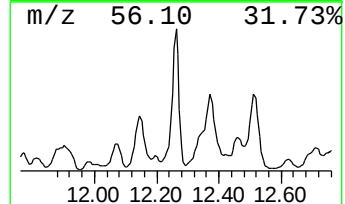
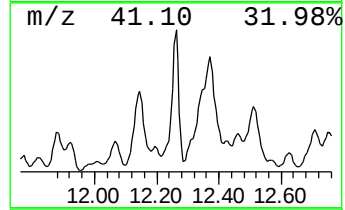
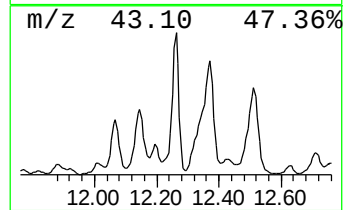
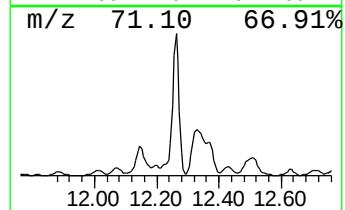
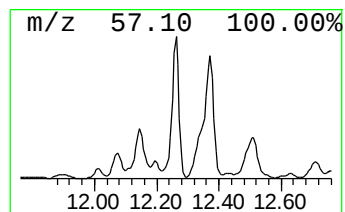
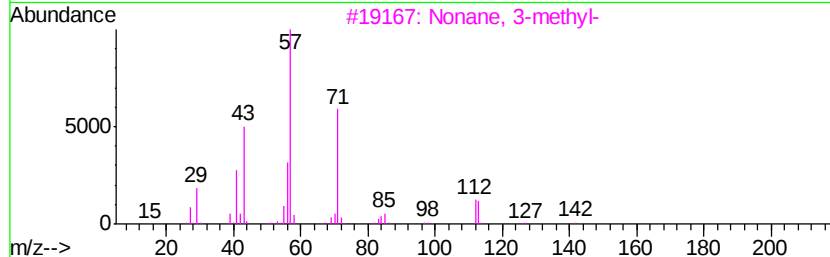
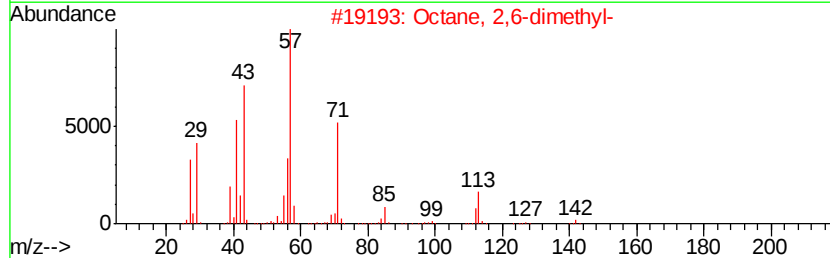
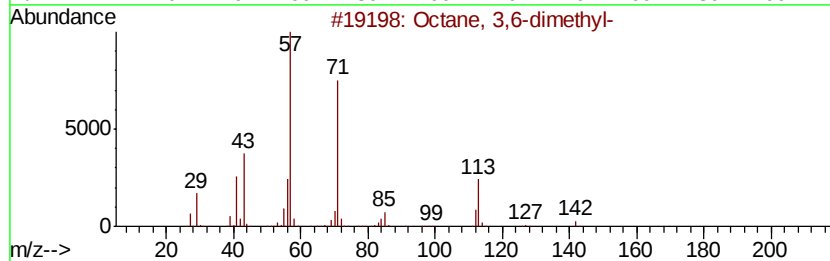
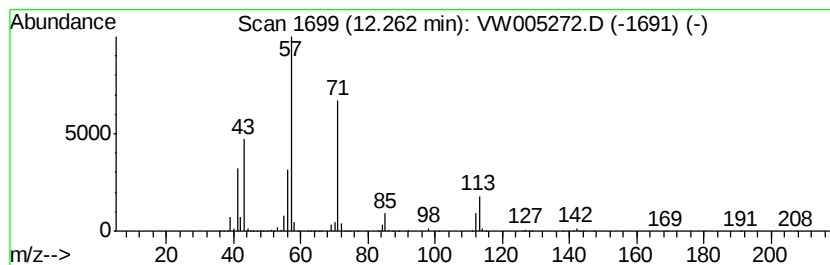
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.26	215.39 ug/l	12915800	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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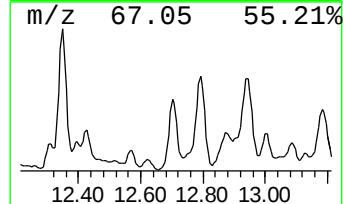
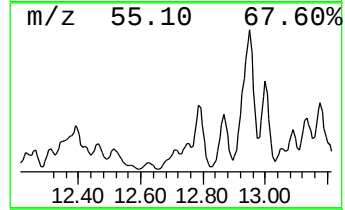
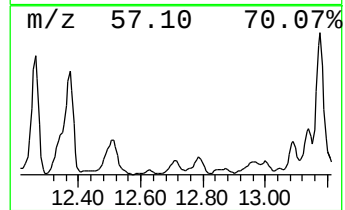
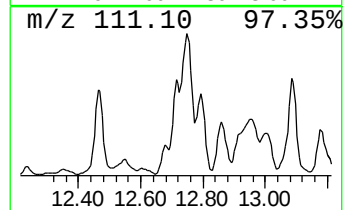
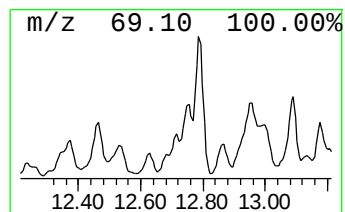
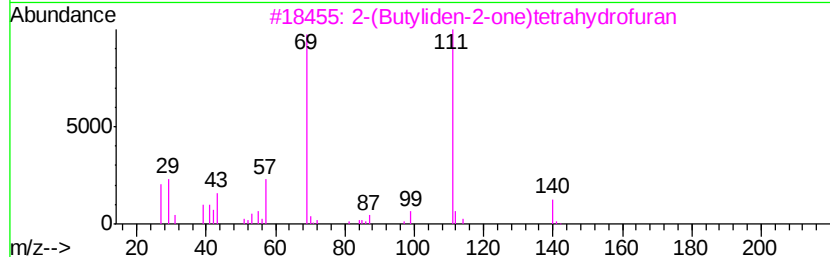
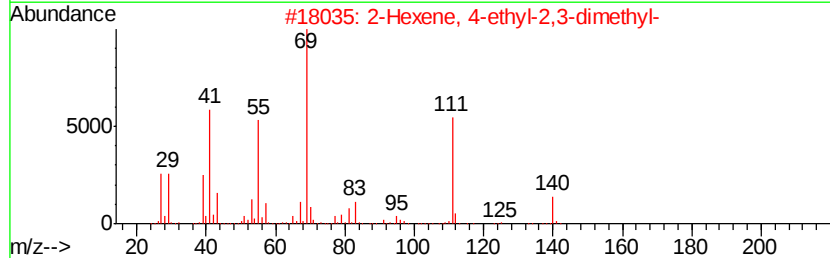
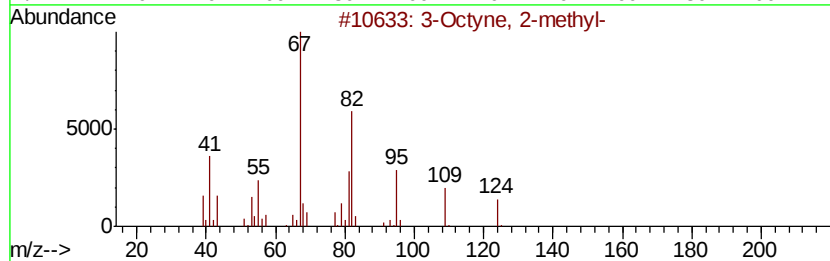
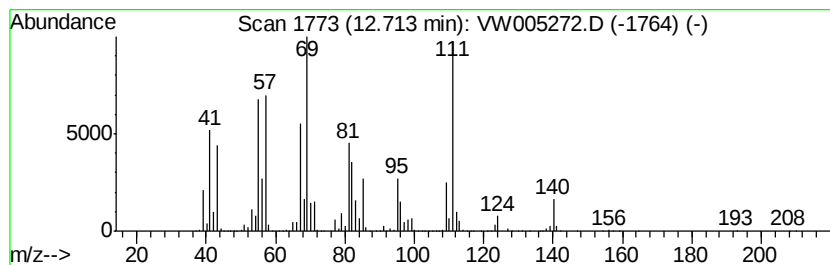
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Quant Title : SW846 8260

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

Peak Number 4 unknown12.71 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	160.77 ug/l	8338340	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46	
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43	
3	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	38	
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	38	
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	35	



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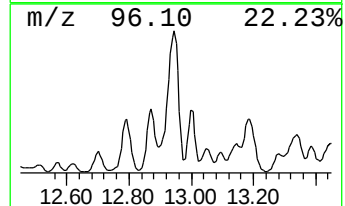
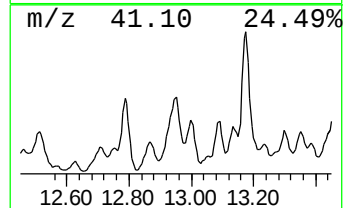
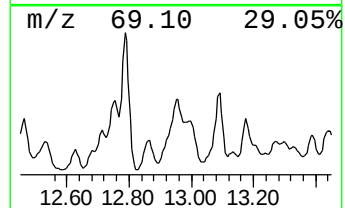
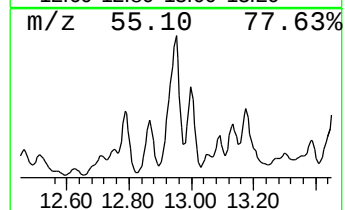
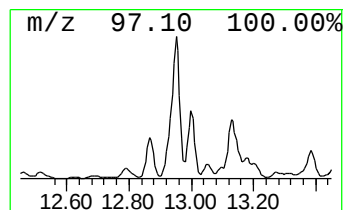
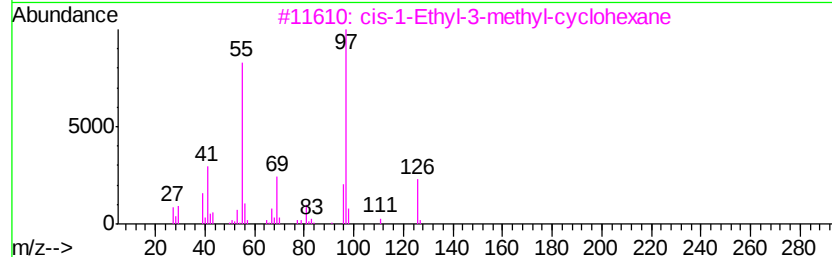
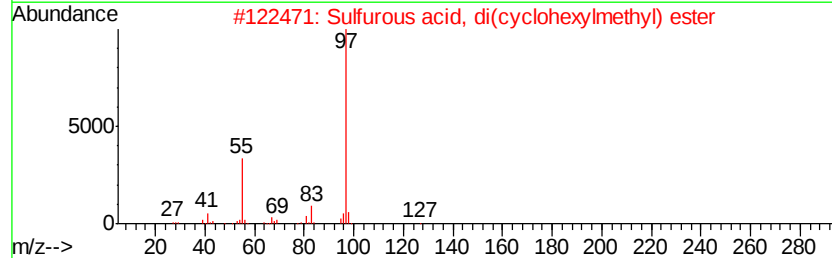
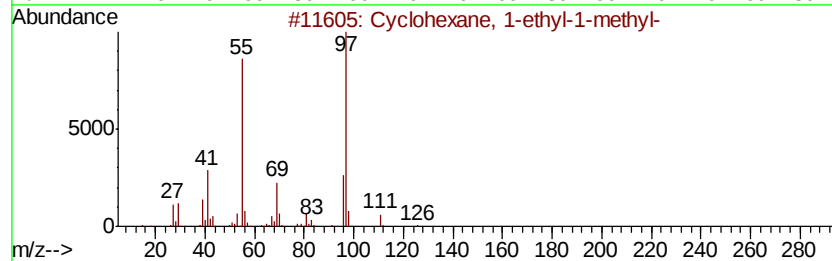
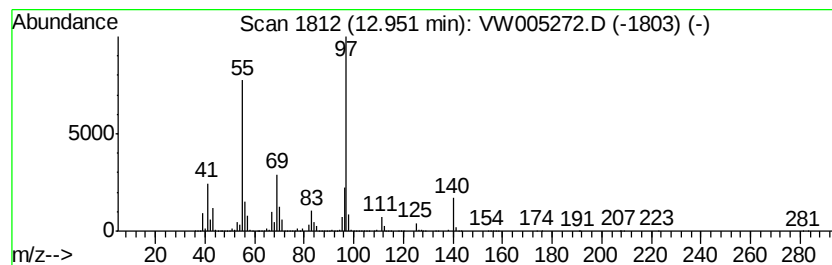
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	396.78 ug/l	20578500	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
2		Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	59
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005272.D
Acq On : 11 Sep 2018 13:45
Operator : SY/AP
Sample : J4693-13
Misc : 4.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

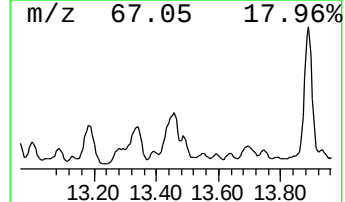
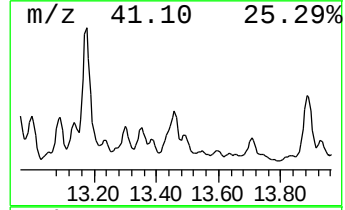
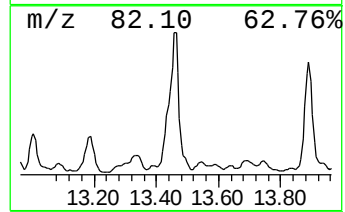
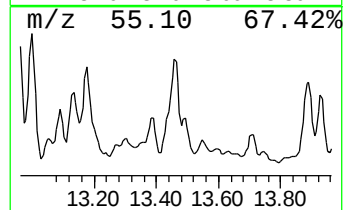
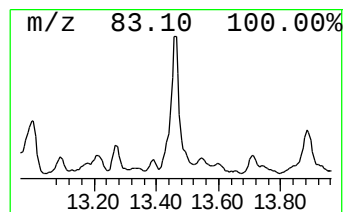
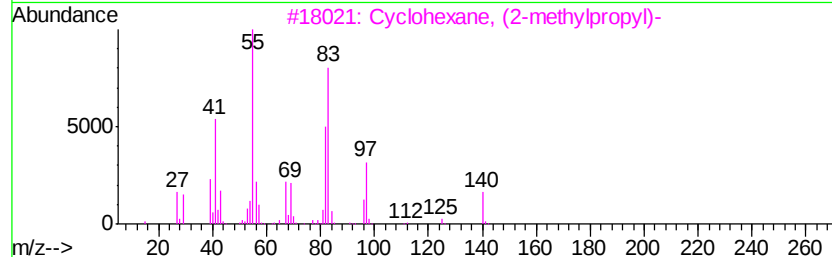
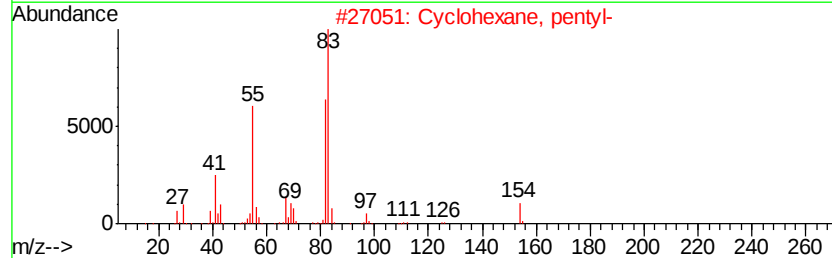
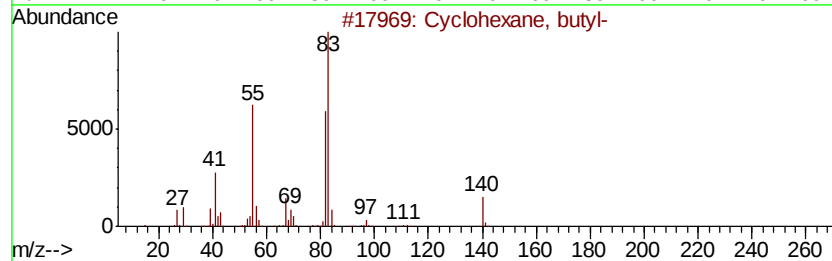
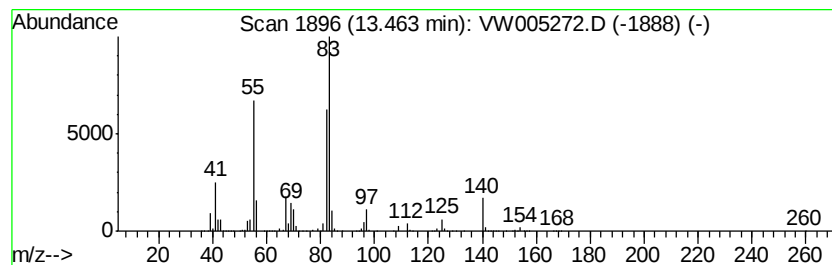
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	241.85 ug/l	12543500	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005272.D
Acq On : 11 Sep 2018 13:45
Operator : SY/AP
Sample : J4693-13
Misc : 4.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

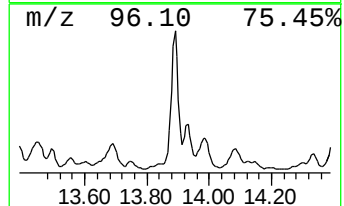
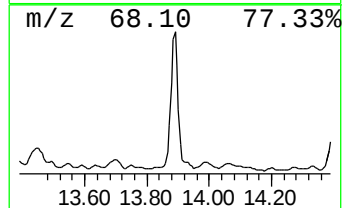
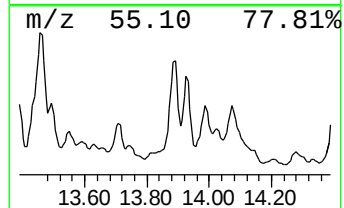
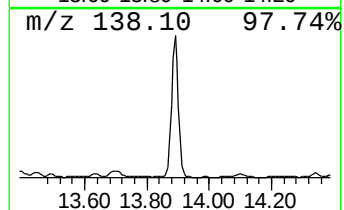
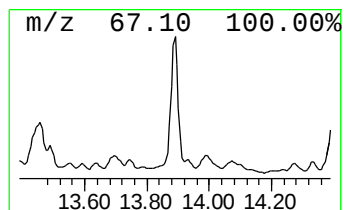
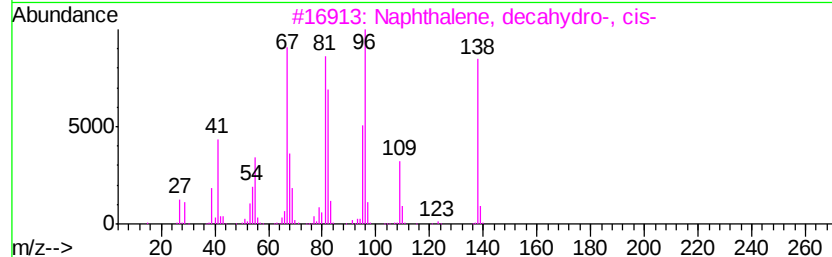
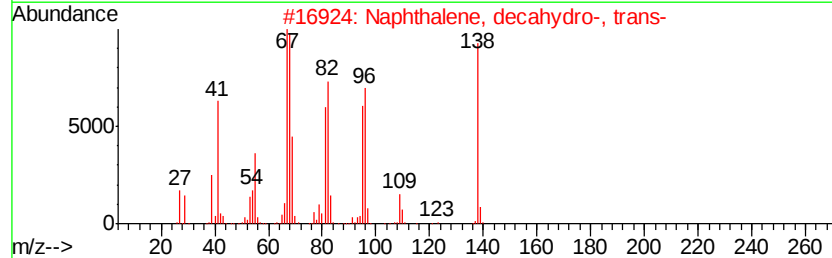
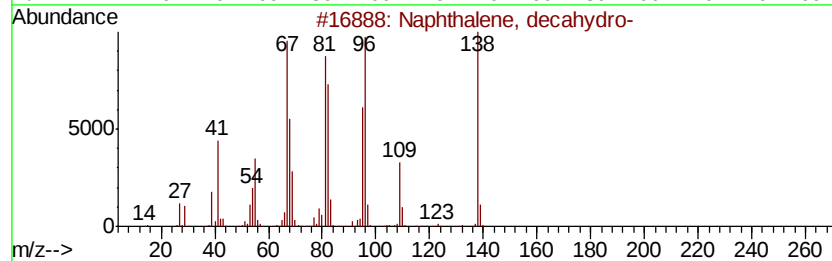
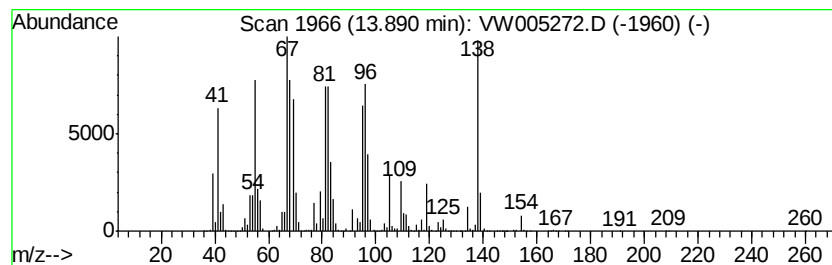
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	329.57 ug/l	17092600	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74
4		Spiro[4.5]decane	138	C10H18	000176-63-6	74
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005272.D
Acq On : 11 Sep 2018 13:45
Operator : SY/AP
Sample : J4693-13
Misc : 4.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

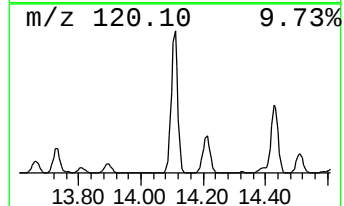
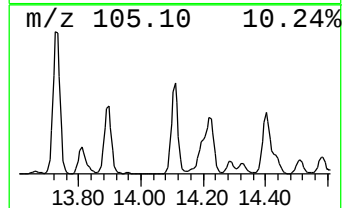
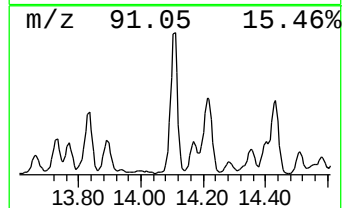
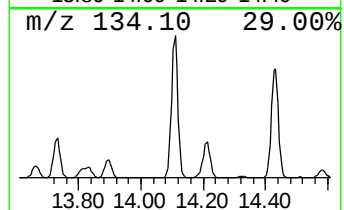
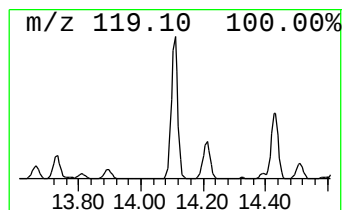
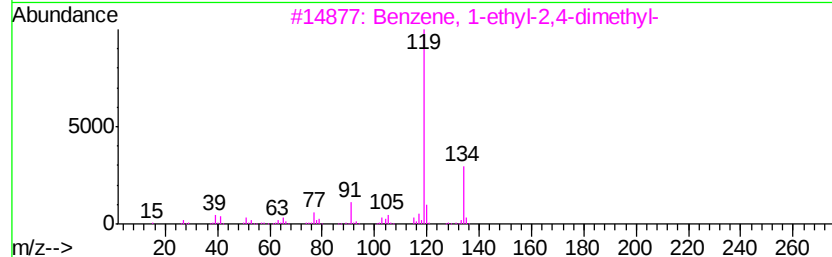
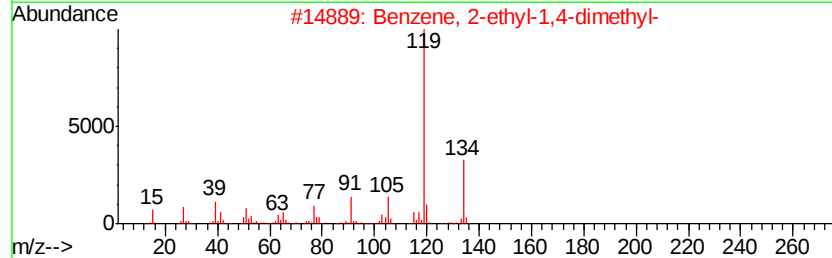
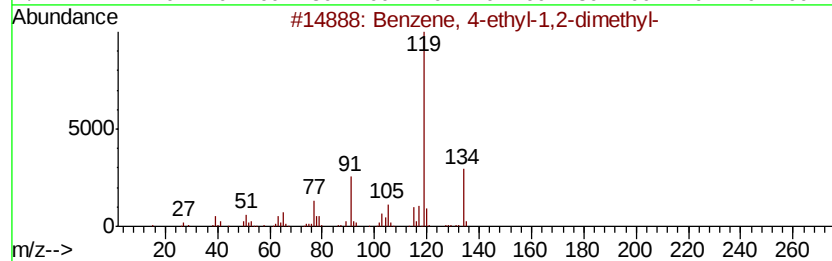
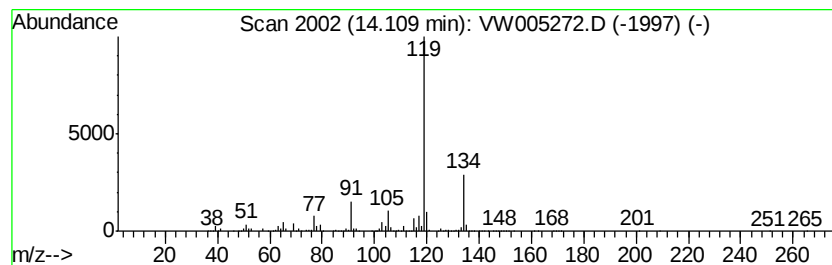
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Quant Title : SW846 8260

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.
14.11	213.02 ug/l	11048100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005272.D
Acq On : 11 Sep 2018 13:45
Operator : SY/AP
Sample : J4693-13
Misc : 4.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

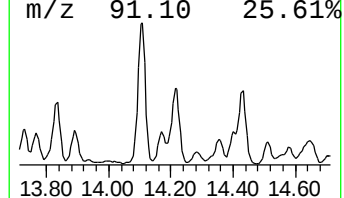
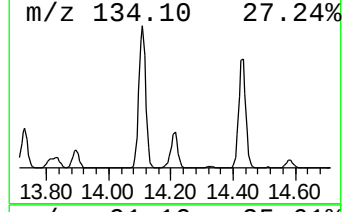
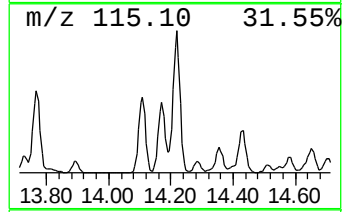
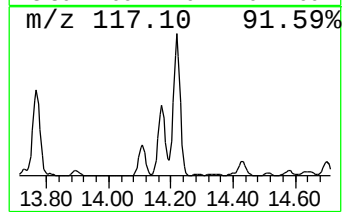
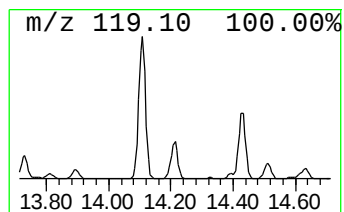
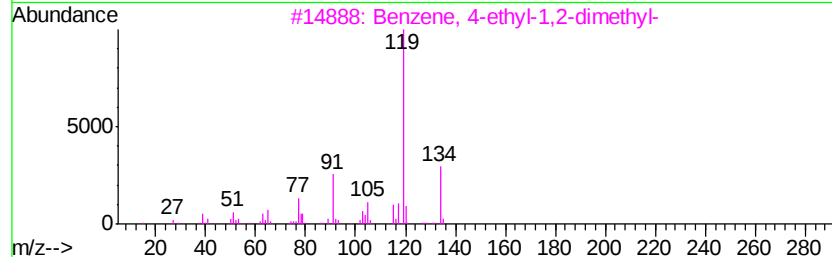
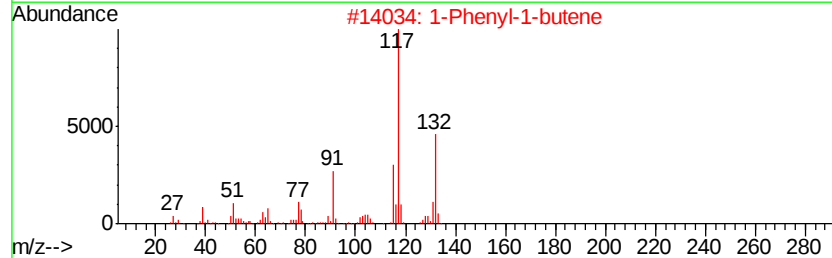
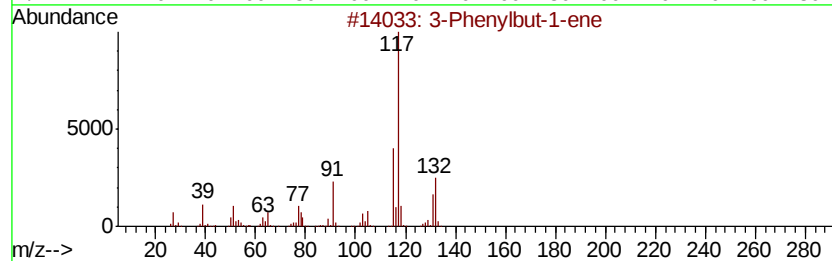
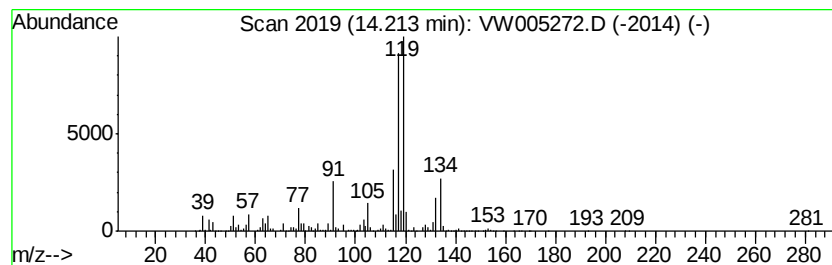
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	164.46 ug/l	8529470	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	50
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005272.D
Acq On : 11 Sep 2018 13:45
Operator : SY/AP
Sample : J4693-13
Misc : 4.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

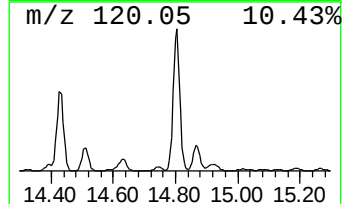
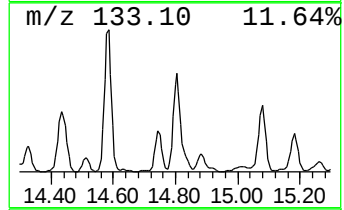
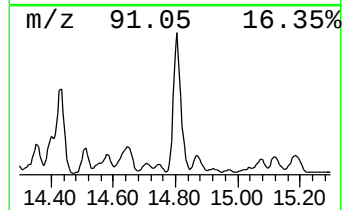
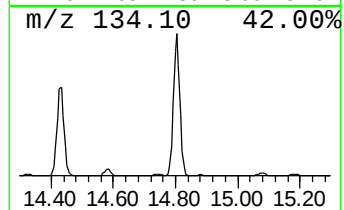
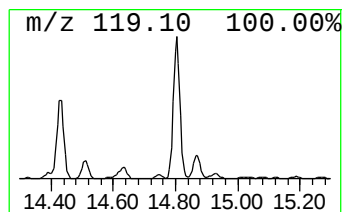
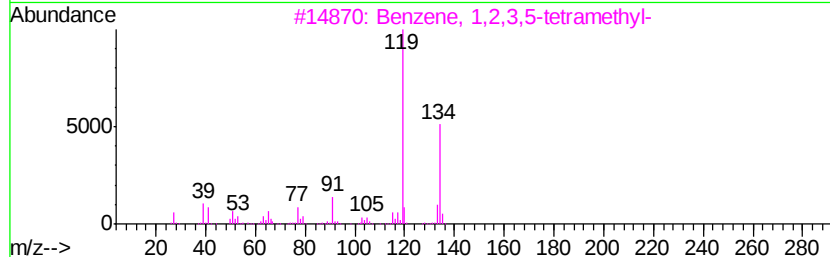
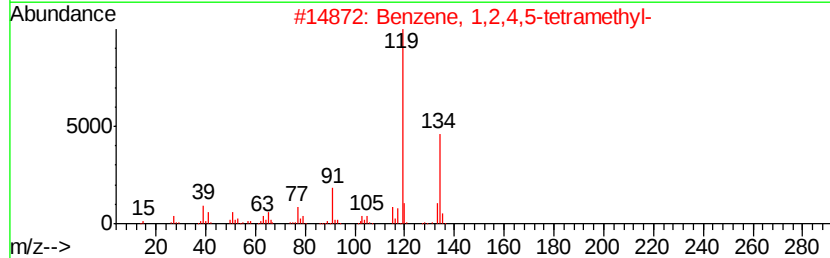
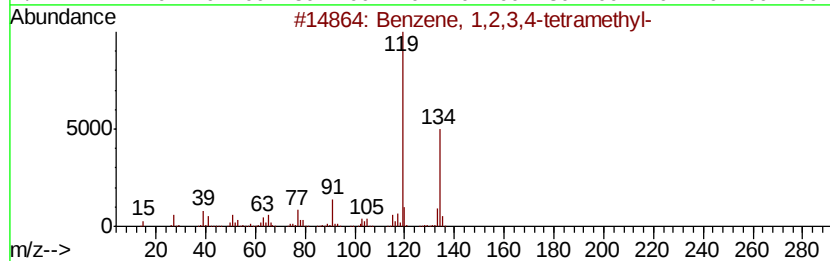
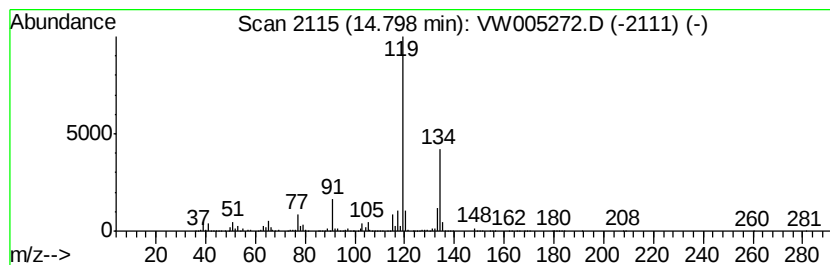
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	252.95 ug/l	13119200	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005272.D
Acq On : 11 Sep 2018 13:45
Operator : SY/AP
Sample : J4693-13
Misc : 4.89G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-C(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.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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Octane, 3,6-dimet...	12.26	215.4	ug/l	12915800	3	11.64	2998210	50.0
unknown12.71	12.71	160.8	ug/l	8338340	4	13.57	2593210	50.0
Cyclohexane, 1-et...	12.95	396.8	ug/l	20578500	4	13.57	2593210	50.0
Cyclohexane, butyl-	13.46	241.8	ug/l	12543500	4	13.57	2593210	50.0
Naphthalene, deca...	13.89	329.6	ug/l	17092600	4	13.57	2593210	50.0
Benzene, 4-ethyl-...	14.11	213.0	ug/l	11048100	4	13.57	2593210	50.0
3-Phenylbut-1-ene	14.21	164.5	ug/l	8529470	4	13.57	2593210	50.0
Benzene, 1,2,3,4-...	14.80	252.9	ug/l	13119200	4	13.57	2593210	50.0