

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005191.D
 Acq On : 07 Sep 2018 05:05
 Operator : SY/AP
 Sample : J4693-05
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

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\82W090118S.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	972	982	987	rBV2	264331	629168	3.48%	0.237%
2	7.958	987	993	1003	rVB	511495	1129499	6.26%	0.425%
3	8.311	1037	1051	1064	rBV	265723	590295	3.27%	0.222%
4	8.848	1129	1139	1153	rBV	761374	1481545	8.20%	0.557%
5	10.329	1374	1382	1397	rBV	1351851	2381455	13.19%	0.895%
6	10.939	1473	1482	1491	rVB	462342	806233	4.46%	0.303%
7	11.042	1491	1499	1507	rBV	303480	664835	3.68%	0.250%
8	11.116	1507	1511	1514	rBV	134848	209795	1.16%	0.079%
9	11.238	1523	1531	1536	rBV	1089523	2067703	11.45%	0.777%
10	11.292	1536	1540	1543	rVV	148654	230519	1.28%	0.087%
11	11.341	1543	1548	1553	rVV2	638084	1168075	6.47%	0.439%
12	11.408	1553	1559	1561	rVV4	289656	741972	4.11%	0.279%
13	11.439	1561	1564	1571	rVB	755136	1288495	7.14%	0.484%
14	11.518	1571	1577	1581	rBV	428534	732634	4.06%	0.275%
15	11.634	1589	1596	1605	rBV	1194211	2262020	12.53%	0.850%
16	11.768	1614	1618	1622	rBV	503559	875516	4.85%	0.329%
17	11.823	1622	1627	1631	rVV3	728791	1471728	8.15%	0.553%
18	11.878	1631	1636	1640	rVV	1765720	3254182	18.02%	1.223%
19	11.920	1640	1643	1649	rVB2	1495841	2564430	14.20%	0.964%
20	11.981	1649	1653	1660	rBV3	419993	1152171	6.38%	0.433%
21	12.067	1660	1667	1672	rVB3	990199	1933075	10.71%	0.727%
22	12.146	1672	1680	1686	rBV3	3794864	8551495	47.36%	3.215%
23	12.195	1686	1688	1691	rVV2	813314	1150027	6.37%	0.432%
24	12.262	1691	1699	1703	rVB	5671775	9618091	53.26%	3.616%
25	12.372	1714	1717	1722	rVB2	3582518	5355844	29.66%	2.014%
26	12.426	1722	1726	1728	rBV	620198	844155	4.67%	0.317%
27	12.463	1728	1732	1734	rBV5	761860	1118161	6.19%	0.420%
28	12.512	1736	1740	1743	rVV2	1286833	1934874	10.72%	0.727%
29	12.628	1753	1759	1764	rVB3	2381615	3904577	21.62%	1.468%
30	12.707	1764	1772	1776	rBV6	1813677	4716212	26.12%	1.773%
31	12.749	1776	1779	1781	rVV2	1453876	2407757	13.33%	0.905%
32	12.786	1781	1785	1792	rVB3	5651949	10967242	60.74%	4.123%
33	12.865	1792	1798	1803	rBV3	2401692	5387501	29.84%	2.025%
34	12.951	1803	1812	1816	rVV3	6642481	18057255	100.00%	6.789%

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Integrator: RTE
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35	12.999	1816	1820	1825	rVV3	4213703	7226560	40.02%	2.717%
36	13.054	1825	1829	1830	rVV3	534569	741488	4.11%	0.279%
37	13.085	1830	1834	1838	rVV2	3192561	5327102	29.50%	2.003%
38	13.134	1838	1842	1845	rVV3	2750587	5270966	29.19%	1.982%
39	13.176	1845	1849	1856	rVV2	9801778	17141362	94.93%	6.444%
40	13.262	1857	1863	1867	rVV	7582905	14088300	78.02%	5.297%
41	13.298	1867	1869	1873	rVV	2129657	3413710	18.90%	1.283%
42	13.353	1874	1878	1881	rVV2	2457022	4654006	25.77%	1.750%
43	13.390	1881	1884	1888	rVV2	2588230	4061100	22.49%	1.527%
44	13.457	1888	1895	1899	rVV3	5291906	11731699	64.97%	4.411%
45	13.493	1899	1901	1906	rVB4	2657576	3293912	18.24%	1.238%
46	13.566	1910	1913	1916	rVB	787534	1021860	5.66%	0.384%
47	13.707	1931	1936	1942	rBV4	1647172	4618949	25.58%	1.737%
48	13.810	1949	1953	1960	rBV2	2045618	4397687	24.35%	1.653%
49	13.890	1960	1966	1970	rVV2	7285337	12791694	70.84%	4.809%
50	13.926	1970	1972	1977	rVV2	1709728	2353125	13.03%	0.885%
51	13.987	1977	1982	1984	rVV3	1734797	2827477	15.66%	1.063%
52	14.024	1984	1988	1990	rVV	3153670	5702243	31.58%	2.144%
53	14.048	1990	1992	1997	rVV4	3575254	5833893	32.31%	2.193%
54	14.103	1997	2001	2006	rVB	3905345	5973677	33.08%	2.246%
55	14.213	2013	2019	2024	rVB6	2015143	4293950	23.78%	1.614%
56	14.286	2025	2031	2036	rVV5	1493286	3697799	20.48%	1.390%
57	14.328	2036	2038	2040	rVV3	682945	901050	4.99%	0.339%
58	14.396	2044	2049	2052	rVV2	3816328	6427666	35.60%	2.417%
59	14.426	2052	2054	2058	rVV3	2007317	3320443	18.39%	1.248%
60	14.469	2058	2061	2064	rVV	2495822	3270800	18.11%	1.230%
61	14.511	2064	2068	2072	rVB	1422613	1802617	9.98%	0.678%
62	14.560	2072	2076	2082	rBV2	1427797	2789877	15.45%	1.049%
63	14.621	2082	2086	2095	rVB3	780187	2533530	14.03%	0.953%
64	14.700	2095	2099	2102	rBV4	516287	1035636	5.74%	0.389%
65	14.743	2102	2106	2110	rVB	1600462	2390836	13.24%	0.899%
66	14.798	2110	2115	2122	rBV3	1318419	2711571	15.02%	1.019%
67	14.865	2122	2126	2132	rVB	1029871	1722457	9.54%	0.648%
68	14.926	2132	2136	2142	rVB4	307544	628725	3.48%	0.236%
69	15.036	2142	2154	2157	rBV6	401855	1355772	7.51%	0.510%
70	15.078	2157	2161	2164	rBV3	430185	691371	3.83%	0.260%
71	15.182	2173	2178	2185	rVB4	659219	1442787	7.99%	0.542%

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.280	2189	2194	2199	rVB3	164804	315617	1.75%	0.119%
73	15.334	2199	2203	2213	rVB6	135671	308423	1.71%	0.116%
74	15.426	2213	2218	2223	rBV4	105938	225168	1.25%	0.085%

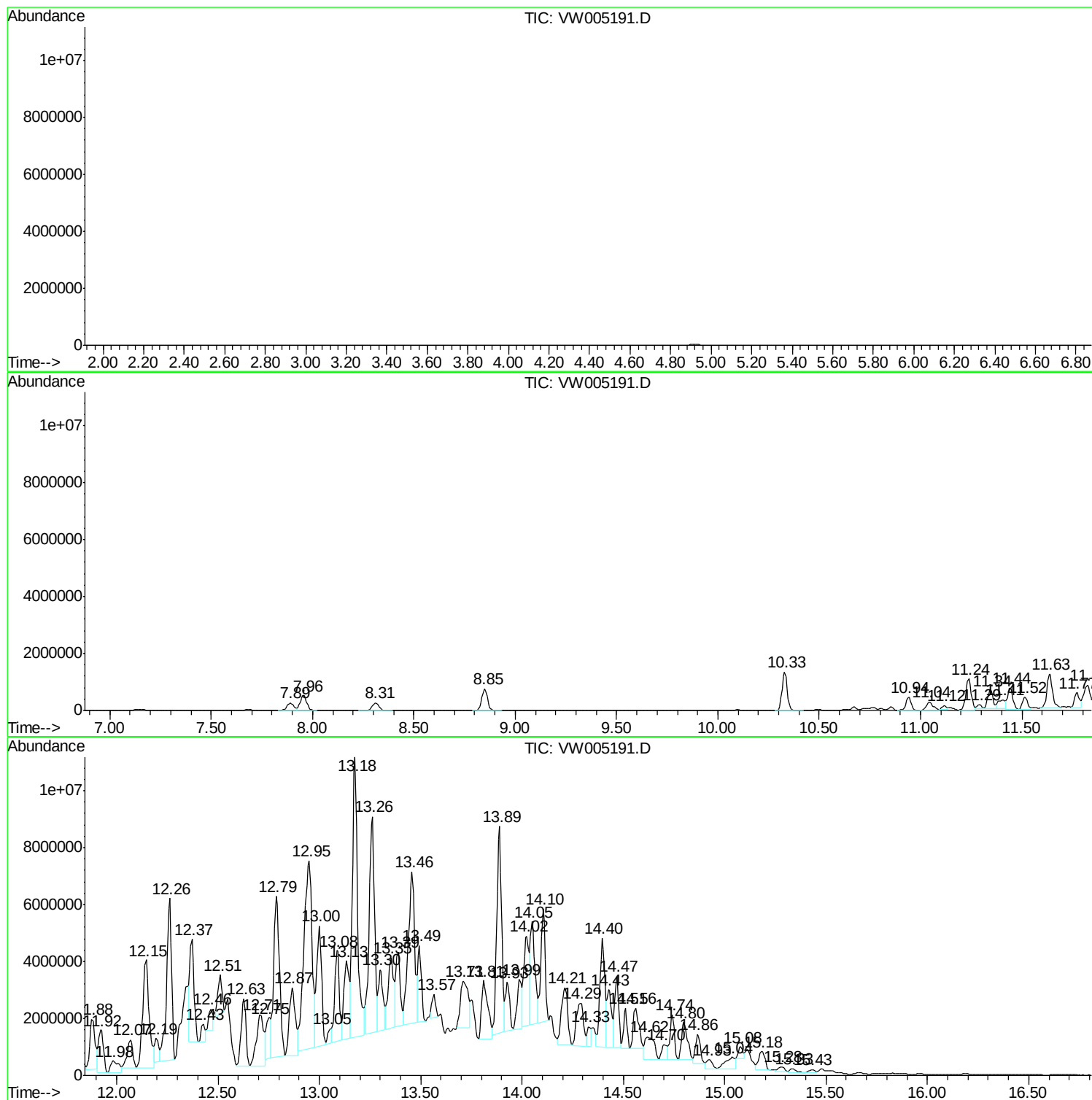
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ClientSampleId :
EP1-MW-F(10-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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



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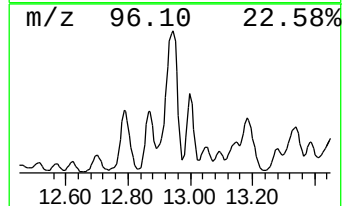
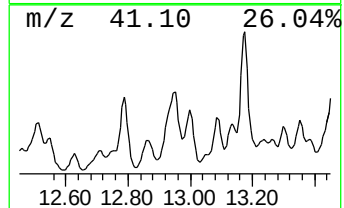
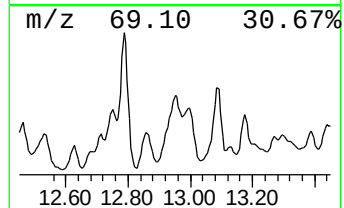
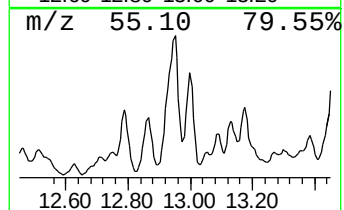
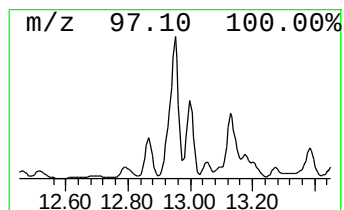
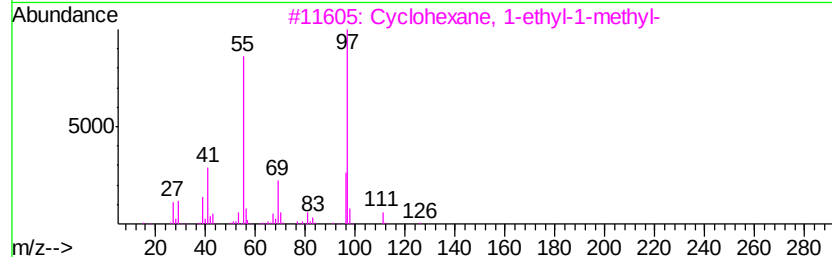
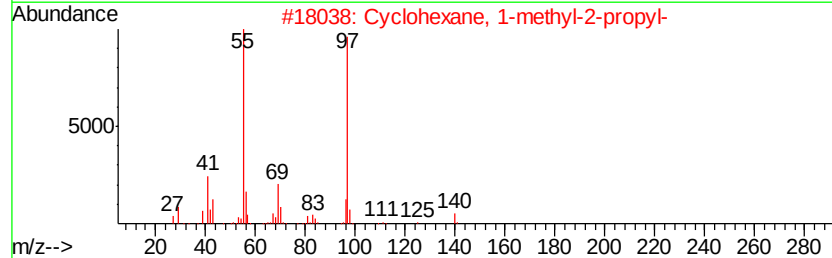
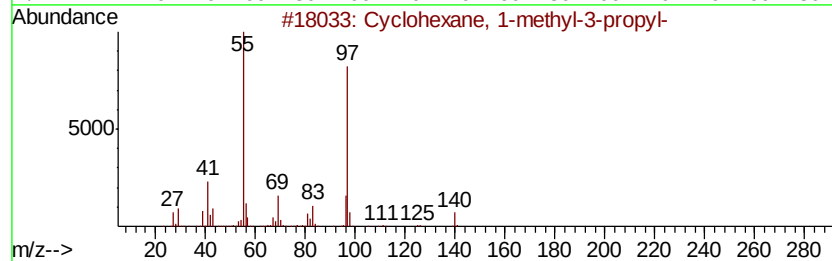
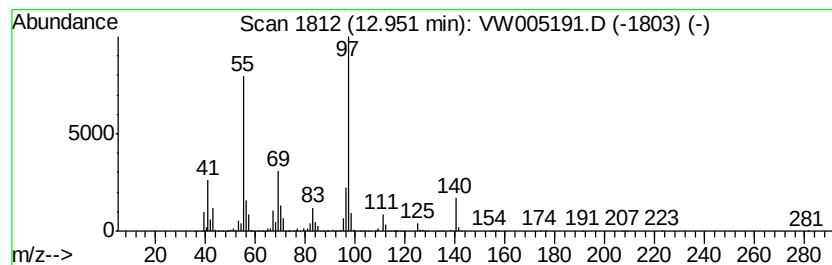
Instrument :
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ClientSampleId :
EP1-MW-F(10-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1-methyl-3-pro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	883.55 ug/l	18057300	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-3-propyl-	140 C10H20	004291-80-9 78
2		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 72
3		Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3 72
4		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 70
5		3-Hexene, 3-ethyl-2,5-dimethyl-	140 C10H20	062338-08-3 53



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ALS Vial : 44 Sample Multiplier: 1

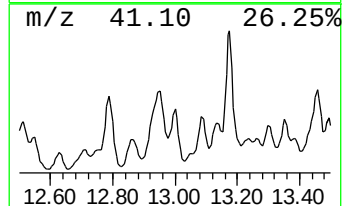
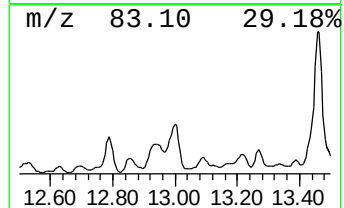
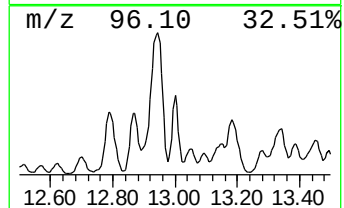
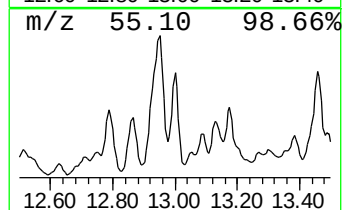
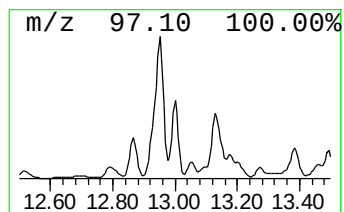
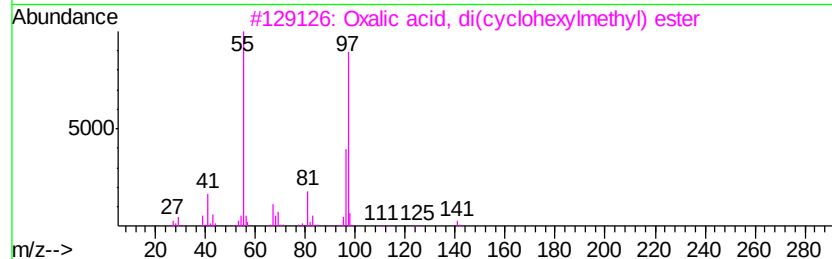
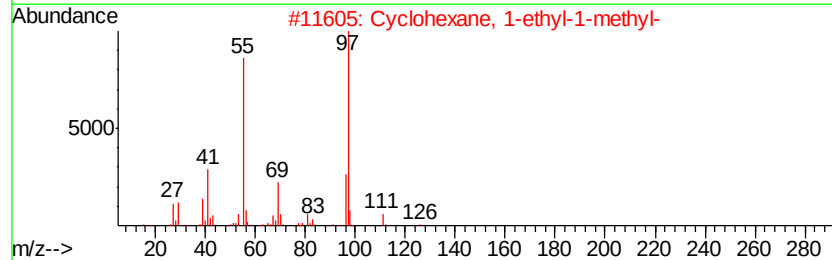
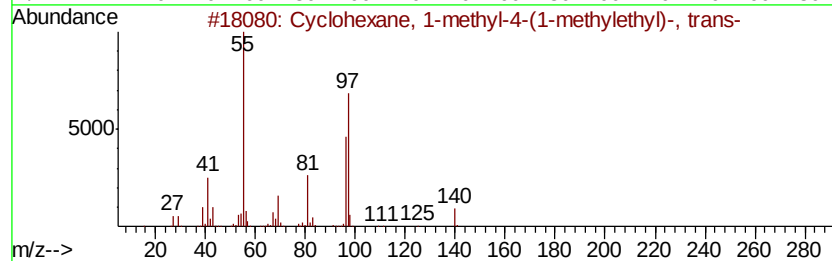
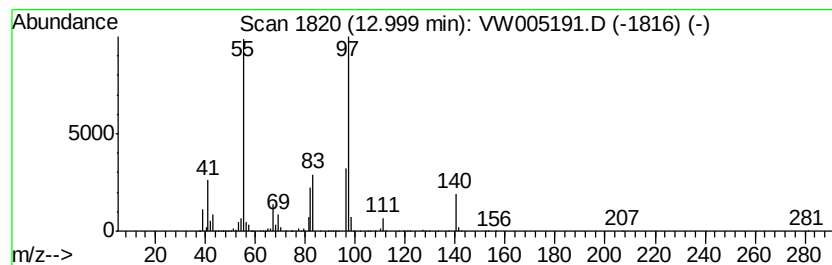
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	353.60 ug/l	7226560	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-4-(1-methyl-...	140 C10H20	001678-82-6 58
2		Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3 53
3		Oxalic acid, di(cyclohexylmethyl)-	282 C16H26O4	1000309-68-5 53
4		Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2 53
5		Oxalic acid, butyl cyclohexylmet...	242 C13H22O4	1000309-68-2 53



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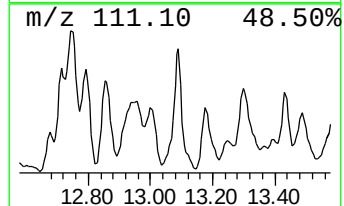
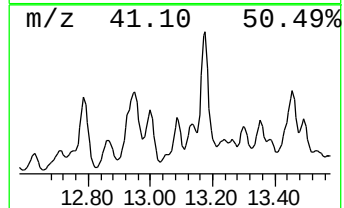
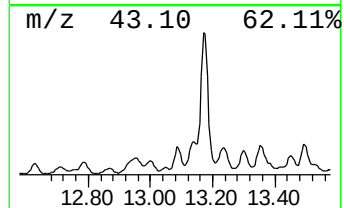
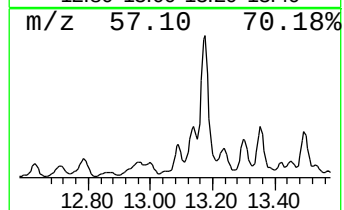
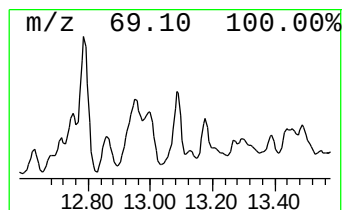
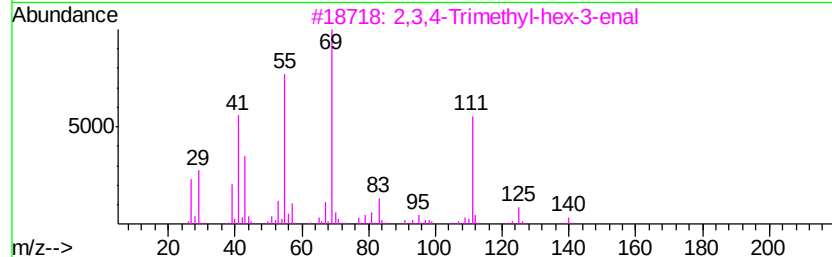
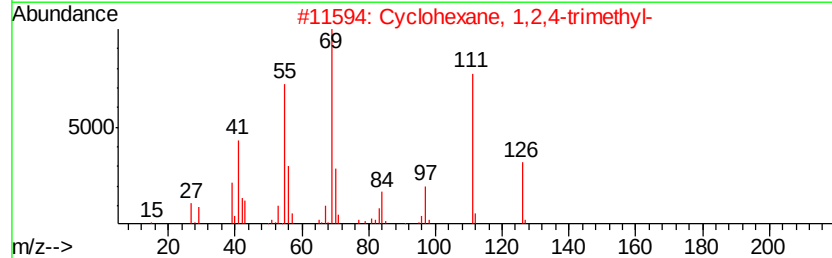
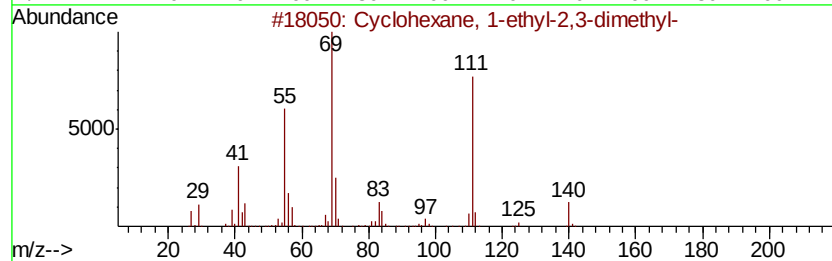
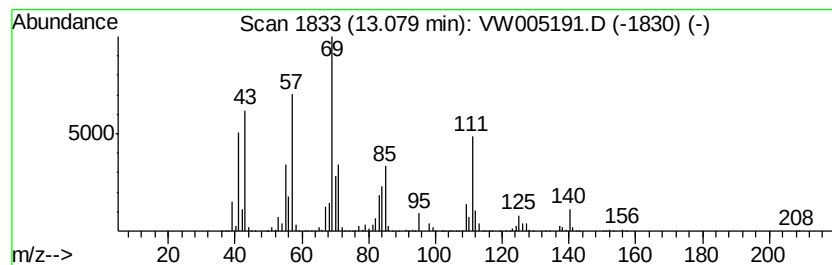
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 unknown13.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	260.66 ug/l	5327100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	49
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	47
4		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
5		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	46



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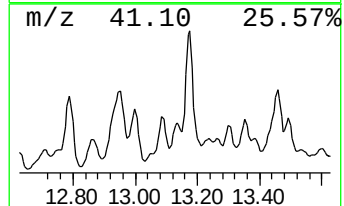
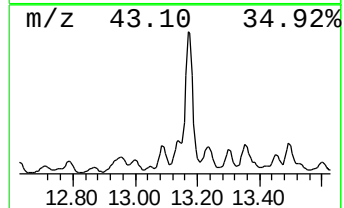
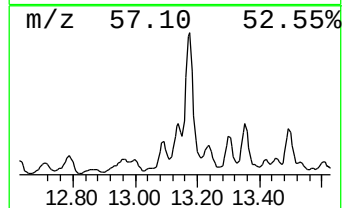
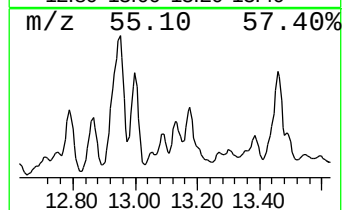
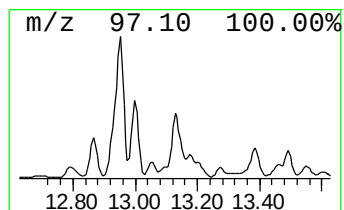
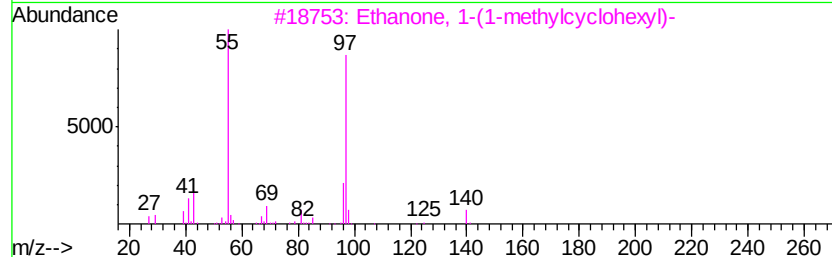
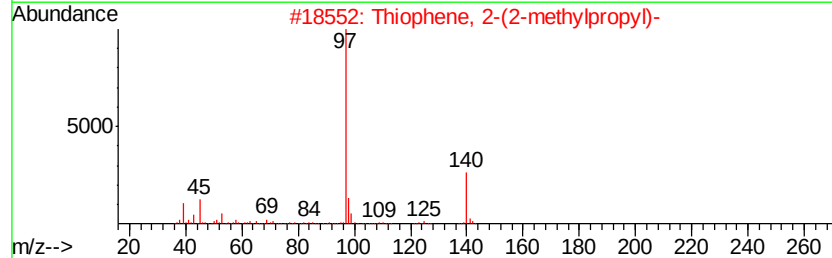
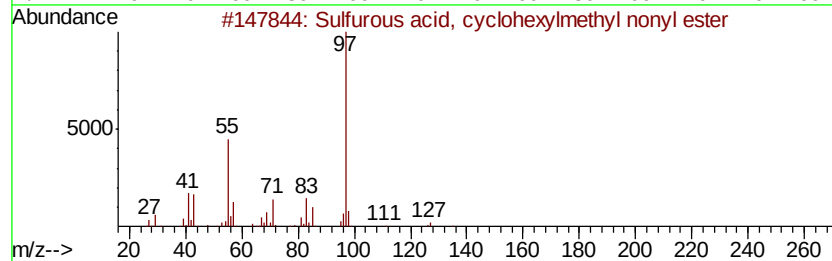
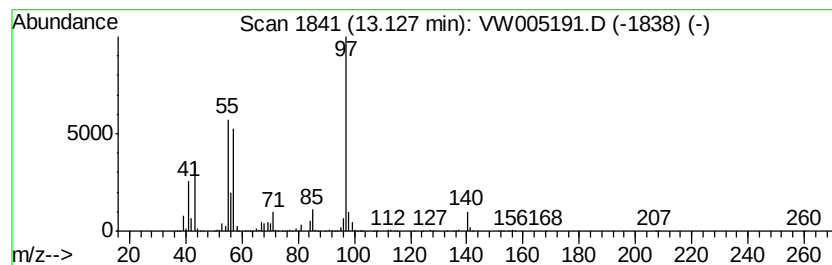
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Quant Title : SW846 8260

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

Peak Number 5 Sulfurous acid, cyclohexylm... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	257.91 ug/l	5270970	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethvl...	304	C16H32O3S	1000309-21-8	53
2		Thiophene, 2-(2-methylpropyl)-	140	C8H12S	032741-05-2	43
3		Ethanone, 1-(1-methylcvclohexyl)-	140	C9H16O	002890-62-2	38
4		4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	38
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005191.D
Acq On : 07 Sep 2018 05:05
Operator : SY/AP
Sample : J4693-05
Misc : 6.51G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

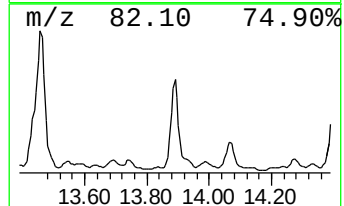
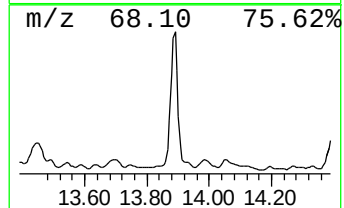
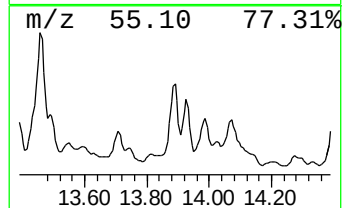
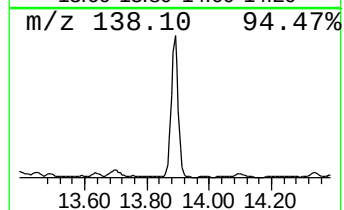
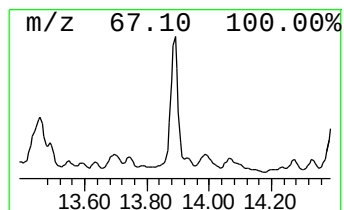
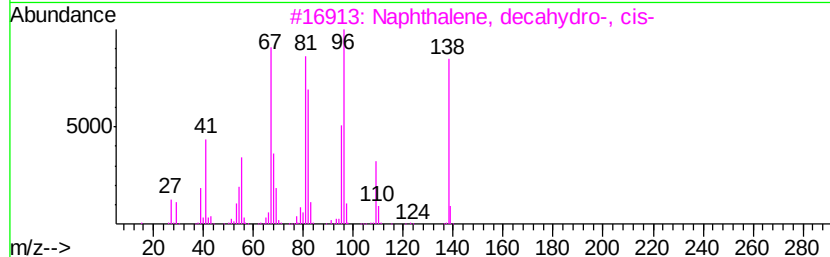
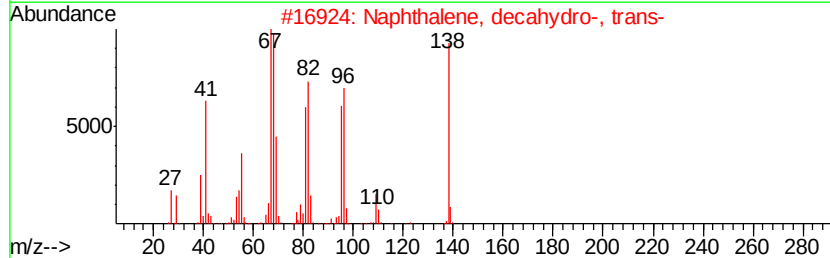
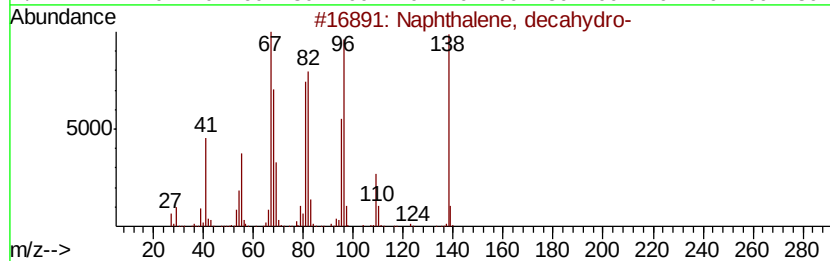
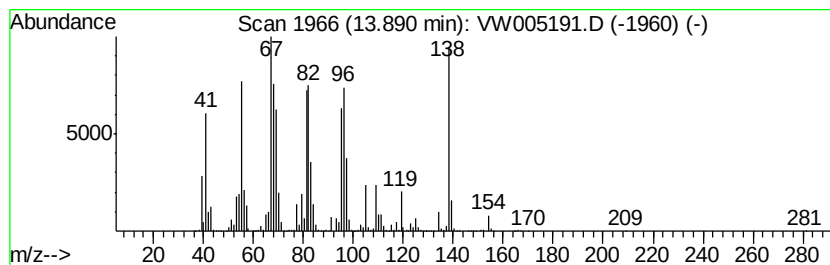
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	625.90 ug/l	12791700	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
4		Spiro[4.5]decane	138	C10H18	000176-63-6	76
5		Cyclodecene	138	C10H18	003618-12-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005191.D
Acq On : 07 Sep 2018 05:05
Operator : SY/AP
Sample : J4693-05
Misc : 6.51G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

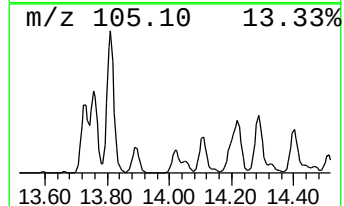
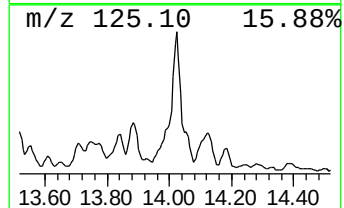
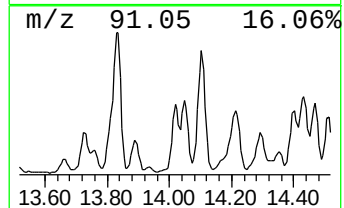
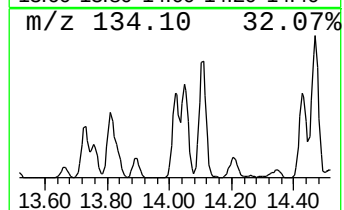
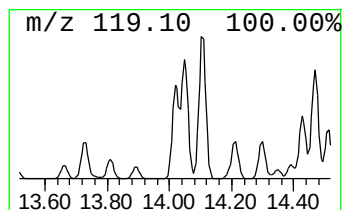
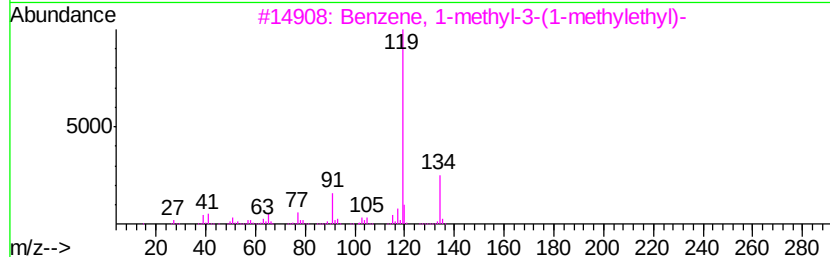
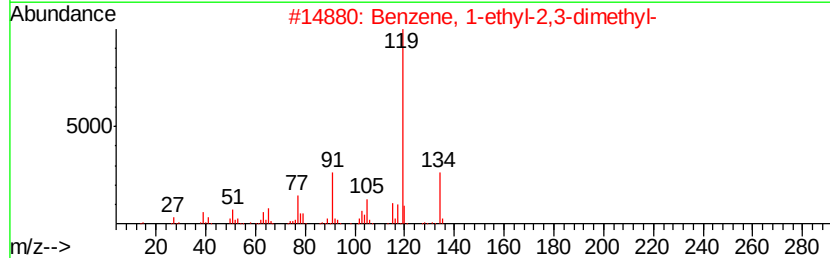
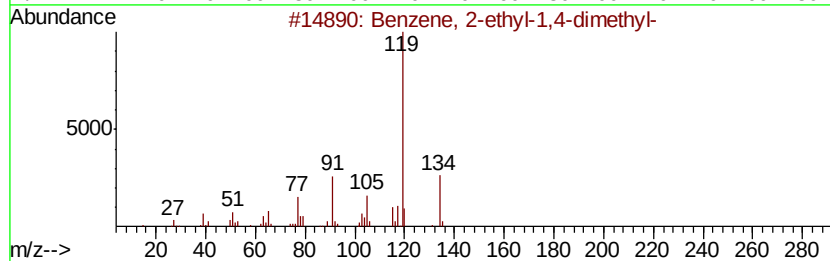
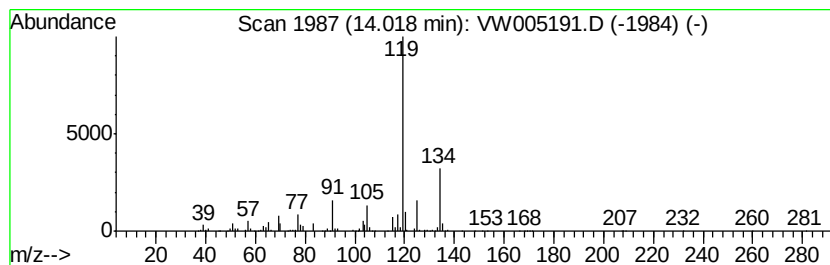
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	279.01 ug/l	5702240	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	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005191.D
Acq On : 07 Sep 2018 05:05
Operator : SY/AP
Sample : J4693-05
Misc : 6.51G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

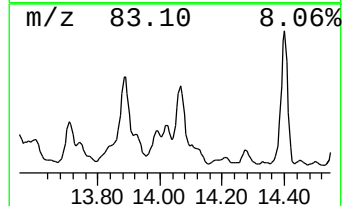
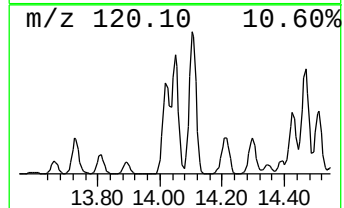
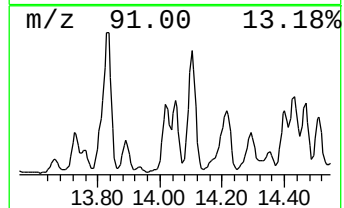
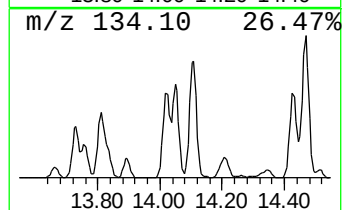
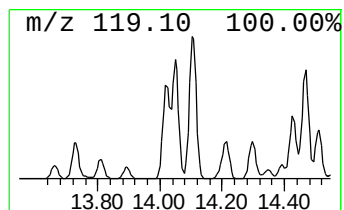
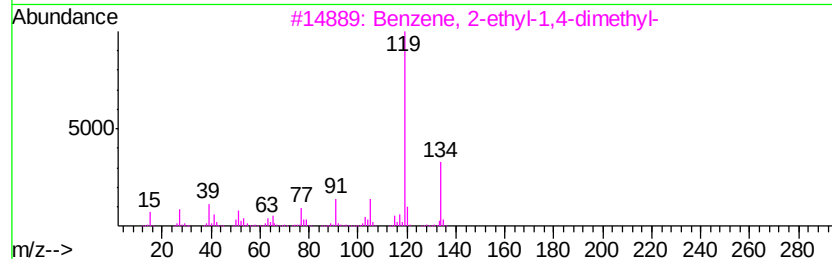
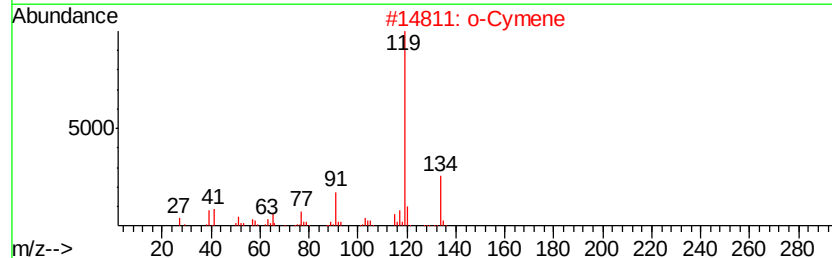
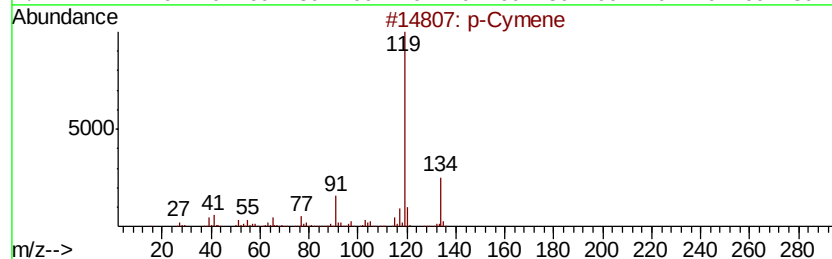
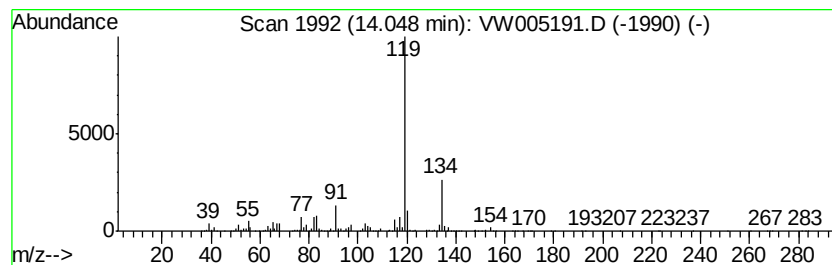
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Quant Title : SW846 8260

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

Peak Number 8 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	285.46 ug/l	5833890	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005191.D
Acq On : 07 Sep 2018 05:05
Operator : SY/AP
Sample : J4693-05
Misc : 6.51G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

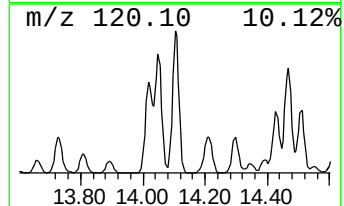
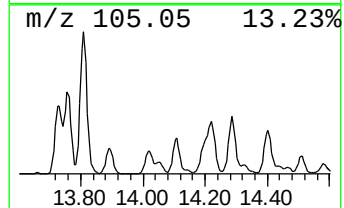
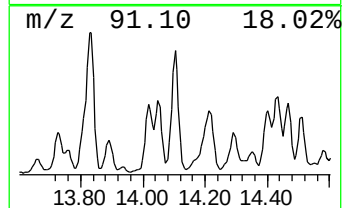
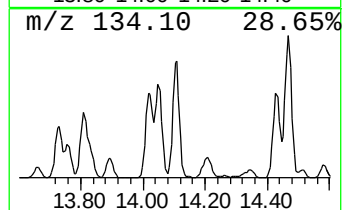
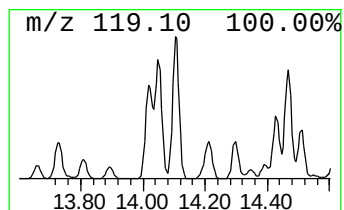
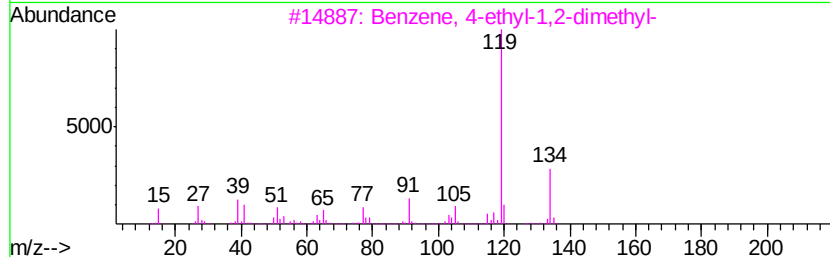
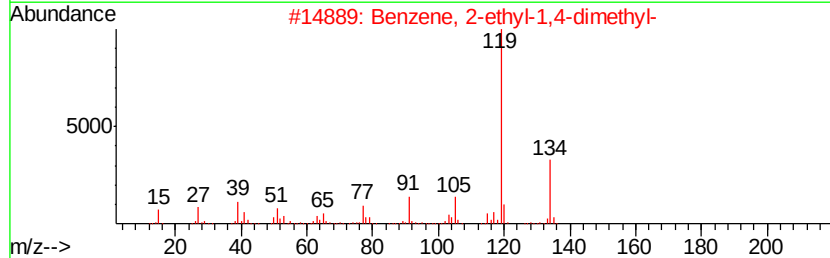
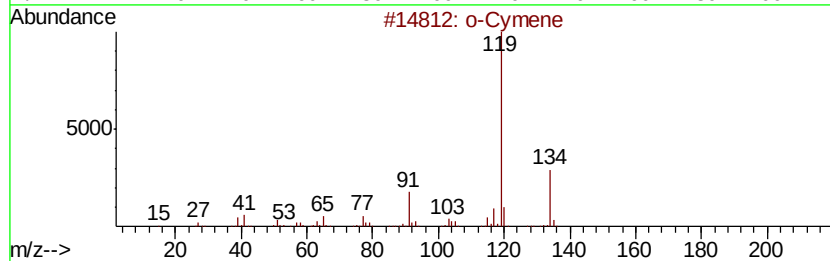
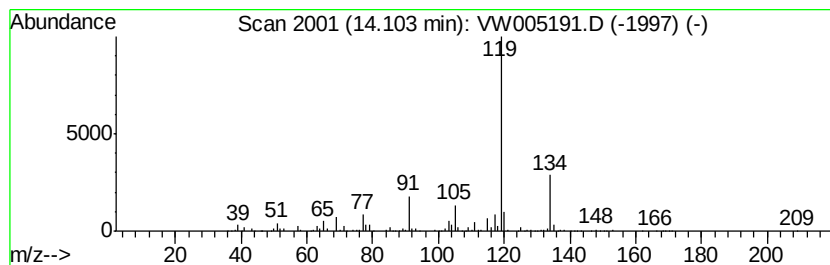
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 9 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	292.29 ug/l	5973680	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005191.D
Acq On : 07 Sep 2018 05:05
Operator : SY/AP
Sample : J4693-05
Misc : 6.51G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

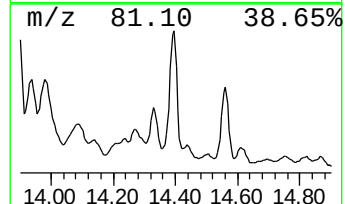
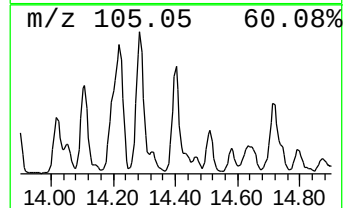
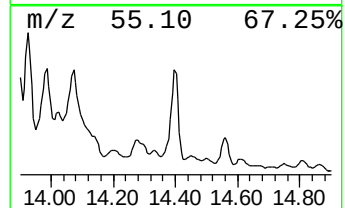
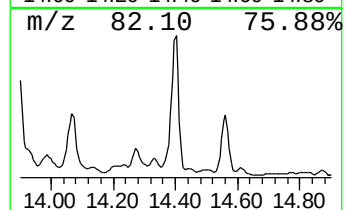
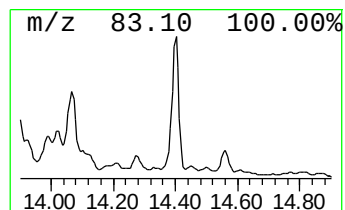
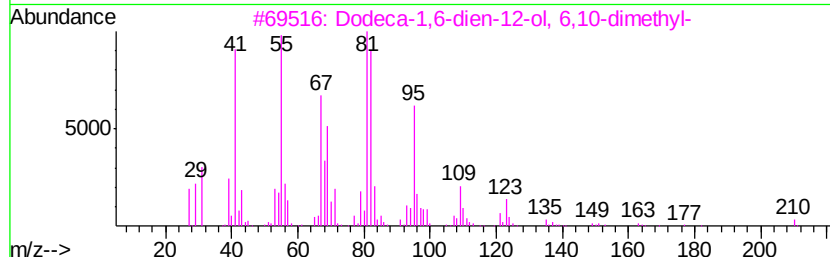
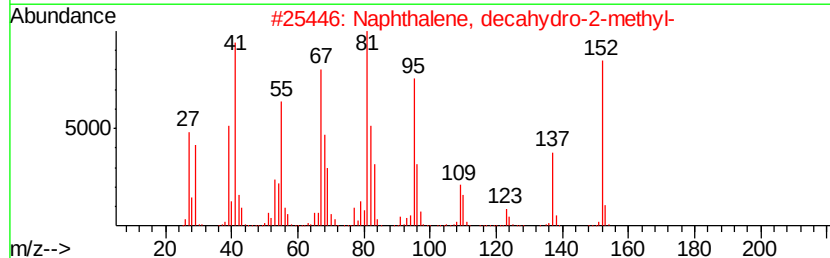
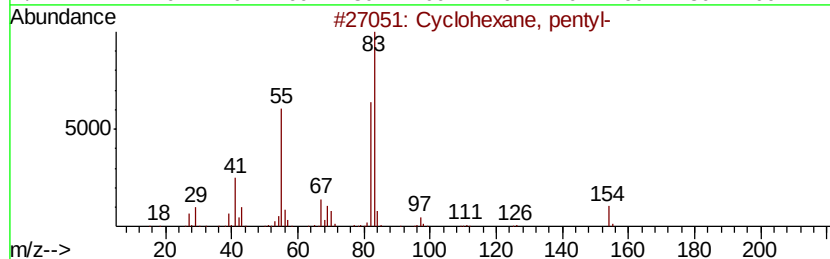
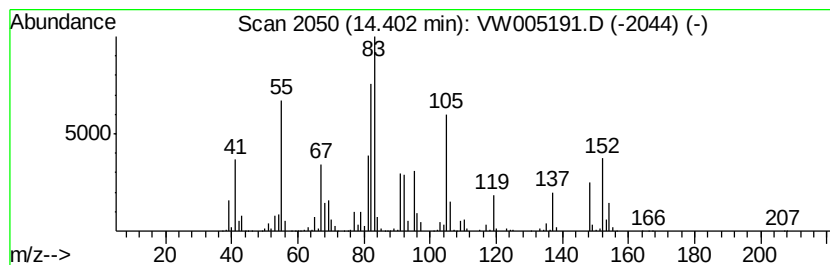
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Quant Title : SW846 8260

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

Peak Number 10 unknown14.40 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	314.51 ug/l	6427670	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
3		Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	35
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	35
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
Data File : VW005191.D
Acq On : 07 Sep 2018 05:05
Operator : SY/AP
Sample : J4693-05
Misc : 6.51G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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
Cyclohexane, 1-me...	12.95	883.5	ug/l	18057300	4	13.57	1021860	50.0
Cyclohexane, 1-me...	13.00	353.6	ug/l	7226560	4	13.57	1021860	50.0
unknown13.08	13.08	260.7	ug/l	5327100	4	13.57	1021860	50.0
Sulfurous acid, c...	13.13	257.9	ug/l	5270970	4	13.57	1021860	50.0
Naphthalene, deca...	13.89	625.9	ug/l	12791700	4	13.57	1021860	50.0
Benzene, 2-ethyl-...	14.02	279.0	ug/l	5702240	4	13.57	1021860	50.0
p-Cymene	14.05	285.5	ug/l	5833890	4	13.57	1021860	50.0
o-Cymene	14.10	292.3	ug/l	5973680	4	13.57	1021860	50.0
unknown14.40	14.40	314.5	ug/l	6427670	4	13.57	1021860	50.0