

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008298.D
 Acq On : 15 Jan 2019 22:43
 Operator : SY/VA
 Sample : K1012-11
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-C

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\82W010819S.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	4.909	482	493	504	rBV4	16743	64506	1.73%	0.147%
2	7.147	848	860	871	rVB2	12833	37784	1.02%	0.086%
3	7.878	968	980	986	rBV2	78003	199949	5.38%	0.455%
4	7.945	986	991	1001	rVB	108395	233421	6.28%	0.531%
5	8.256	1032	1042	1045	rBV2	32419	79910	2.15%	0.182%
6	8.305	1045	1050	1059	rVB	66938	150216	4.04%	0.342%
7	8.841	1129	1138	1146	rBV	180208	348894	9.38%	0.793%
8	10.323	1372	1381	1387	rBV	272870	481730	12.95%	1.095%
9	10.390	1387	1392	1398	rVB	49145	87628	2.36%	0.199%
10	11.634	1588	1596	1605	rBV	228332	385268	10.36%	0.876%
11	11.731	1605	1612	1620	rVV	85613	150717	4.05%	0.343%
12	11.841	1620	1630	1639	rVV2	575416	1111494	29.88%	2.527%
13	11.914	1639	1642	1648	rVB4	22112	38944	1.05%	0.089%
14	12.164	1672	1683	1692	rBV	342502	672928	18.09%	1.530%
15	12.255	1692	1698	1702	rVB	61300	95347	2.56%	0.217%
16	12.347	1708	1713	1714	rBV4	44526	69539	1.87%	0.158%
17	12.390	1715	1720	1727	rVB3	83330	175685	4.72%	0.399%
18	12.469	1727	1733	1737	rBV	95721	176757	4.75%	0.402%
19	12.542	1742	1745	1747	rVV	95512	143237	3.85%	0.326%
20	12.572	1747	1750	1753	rVV	101398	138352	3.72%	0.315%
21	12.621	1753	1758	1761	rVV2	188865	304015	8.17%	0.691%
22	12.652	1761	1763	1767	rVB	79042	97089	2.61%	0.221%
23	12.804	1780	1788	1793	rVV	311769	581507	15.63%	1.322%
24	12.871	1793	1799	1802	rVV	859068	1399956	37.64%	3.183%
25	12.902	1802	1804	1805	rVV	403737	414987	11.16%	0.944%
26	12.938	1805	1810	1816	rVV2	1576914	3007974	80.87%	6.840%
27	12.993	1816	1819	1824	rVB2	80548	123399	3.32%	0.281%
28	13.109	1829	1838	1844	rBV	516549	1021404	27.46%	2.322%
29	13.170	1844	1848	1855	rVB2	264160	381924	10.27%	0.868%
30	13.255	1855	1862	1868	rBV	2438683	3719502	100.00%	8.457%
31	13.383	1873	1883	1888	rBV3	219457	488187	13.13%	1.110%
32	13.450	1888	1894	1898	rBV2	491097	885130	23.80%	2.013%
33	13.499	1898	1902	1908	rVB3	246734	443264	11.92%	1.008%
34	13.560	1908	1912	1913	rBV	300634	350221	9.42%	0.796%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

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 Max Peaks: 100
 Peak Location: TOP

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35	13.591	1913	1917	1921	rVB	1167586	1687557	45.37%	3.837%
36	13.627	1921	1923	1931	rVB2	148835	241738	6.50%	0.550%
37	13.755	1933	1944	1948	rBV2	821550	1643988	44.20%	3.738%
38	13.798	1948	1951	1955	rBV3	359046	536544	14.43%	1.220%
39	13.877	1960	1964	1970	rBV	1962832	2791258	75.04%	6.347%
40	13.956	1972	1977	1982	rVB	357206	503530	13.54%	1.145%
41	14.017	1983	1987	1989	rBV	288375	434783	11.69%	0.989%
42	14.042	1989	1991	1996	rVB	406078	553329	14.88%	1.258%
43	14.103	1996	2001	2005	rVB	495252	715284	19.23%	1.626%
44	14.145	2005	2008	2009	rBV3	37291	47283	1.27%	0.108%
45	14.212	2013	2019	2024	rVB2	576795	982119	26.40%	2.233%
46	14.279	2024	2030	2035	rBV5	110309	278248	7.48%	0.633%
47	14.347	2035	2041	2045	rBV3	358768	756640	20.34%	1.720%
48	14.395	2045	2049	2052	rBV3	277237	391351	10.52%	0.890%
49	14.432	2052	2055	2057	rBV3	152678	167349	4.50%	0.381%
50	14.462	2057	2060	2064	rVB	380268	505992	13.60%	1.151%
51	14.505	2064	2067	2071	rVB	281157	328893	8.84%	0.748%
52	14.548	2071	2074	2081	rVB3	173777	288976	7.77%	0.657%
53	14.645	2081	2090	2094	rBV2	208945	389717	10.48%	0.886%
54	14.731	2094	2104	2109	rBV3	1456212	2325700	62.53%	5.288%
55	14.798	2110	2115	2121	rBV4	663516	1611476	43.33%	3.664%
56	14.962	2137	2142	2148	rVB	705714	1150654	30.94%	2.616%
57	15.072	2156	2160	2164	rBV3	147925	222640	5.99%	0.506%
58	15.176	2172	2177	2186	rBV5	168399	418709	11.26%	0.952%
59	15.261	2187	2191	2198	rVB5	168640	397253	10.68%	0.903%
60	15.334	2198	2203	2206	rBV2	287334	514016	13.82%	1.169%
61	15.371	2206	2209	2214	rVV	331604	514998	13.85%	1.171%
62	15.426	2214	2218	2223	rVV	168795	289160	7.77%	0.657%
63	15.480	2223	2227	2229	rVV2	117312	194845	5.24%	0.443%
64	15.511	2229	2232	2236	rVV	139175	266858	7.17%	0.607%
65	15.560	2236	2240	2249	rVB	724425	1265825	34.03%	2.878%
66	15.669	2249	2258	2264	rBV7	124389	370954	9.97%	0.843%
67	15.737	2265	2269	2275	rVB4	99210	172937	4.65%	0.393%
68	15.871	2287	2291	2301	rVB	304705	557385	14.99%	1.267%
69	16.188	2333	2343	2348	rBV2	193603	515357	13.86%	1.172%
70	16.297	2357	2361	2368	rVB	78557	141200	3.80%	0.321%
71	16.383	2369	2375	2380	rVV2	109374	245884	6.61%	0.559%

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72	16.450	2380	2386	2391	rVV	229188	515130	13.85%	1.171%
73	16.505	2391	2395	2407	rVB	232026	464276	12.48%	1.056%
74	16.651	2412	2419	2434	rVB2	163273	518548	13.94%	1.179%

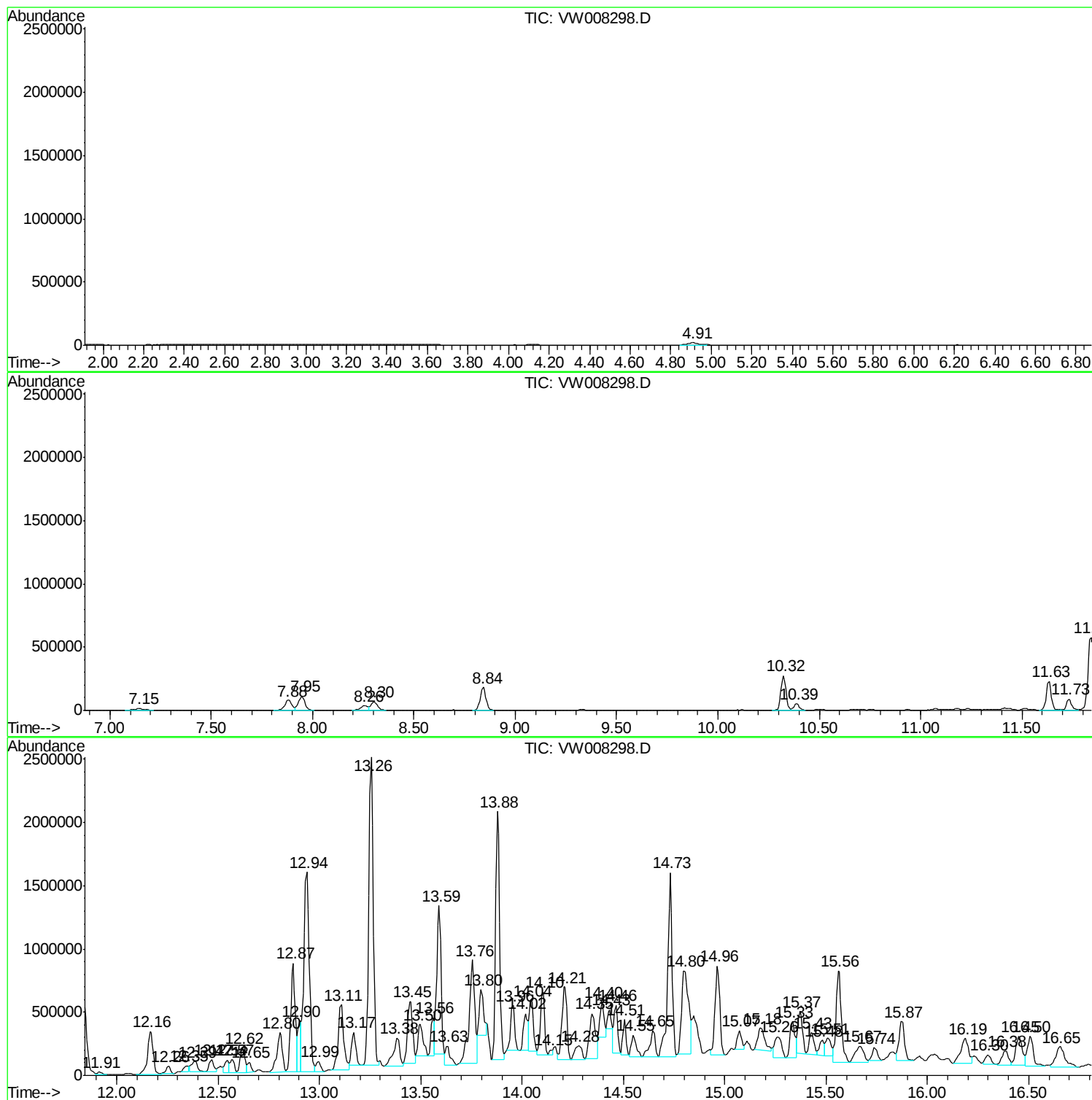
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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



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Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

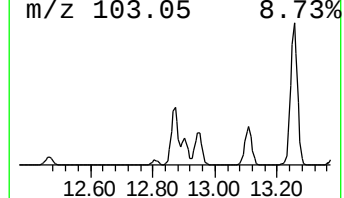
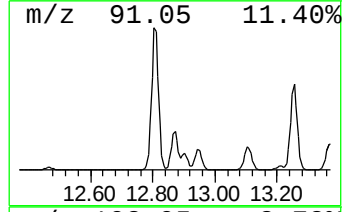
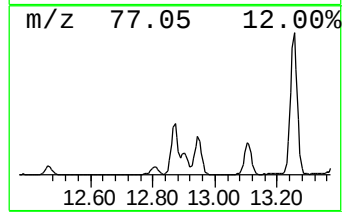
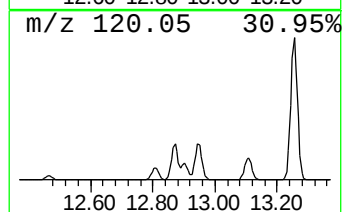
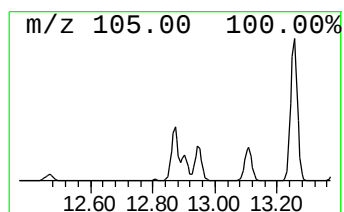
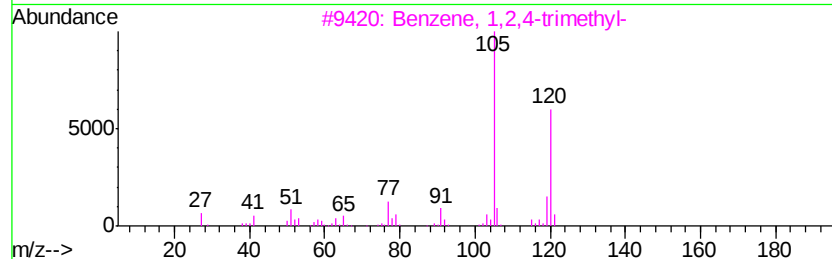
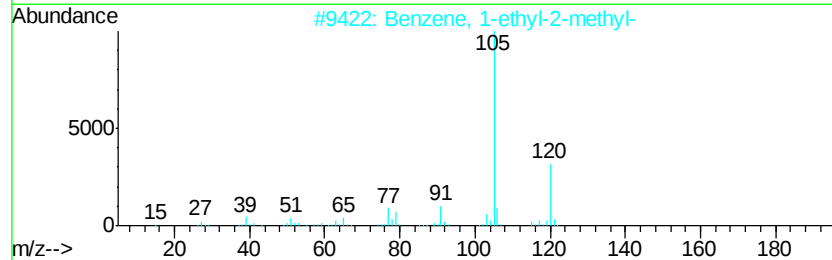
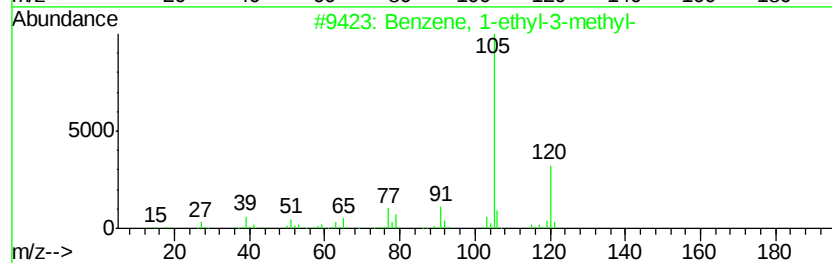
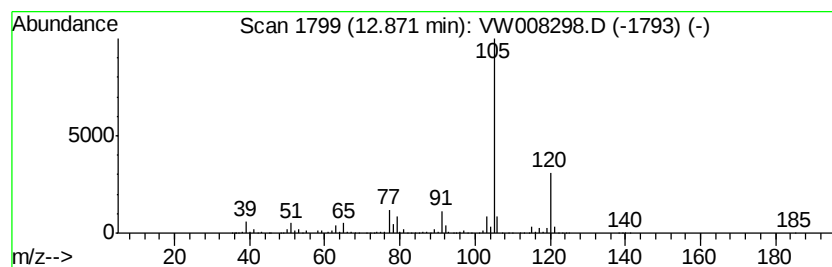
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	199.87 ug/l	1399960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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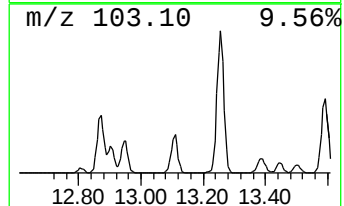
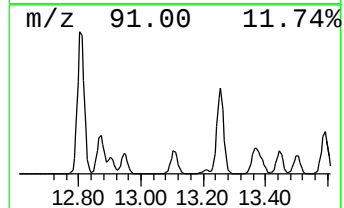
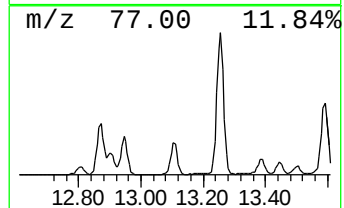
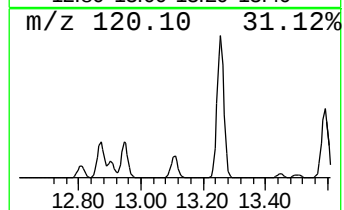
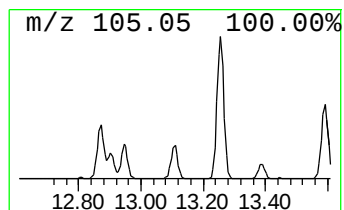
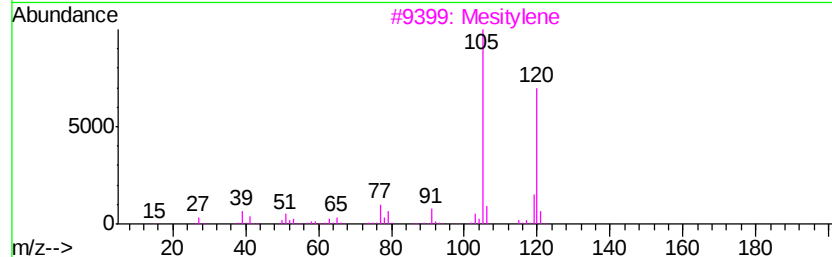
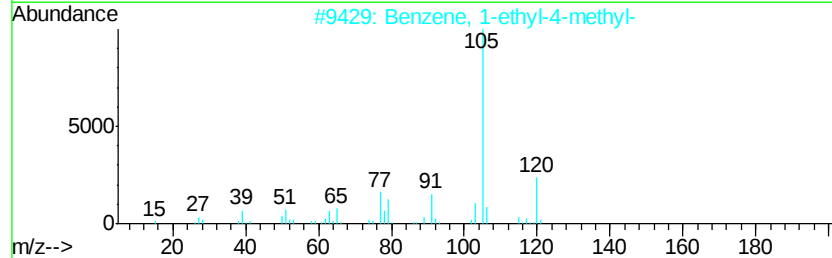
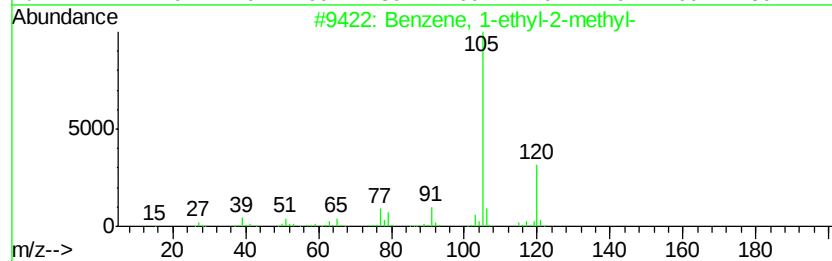
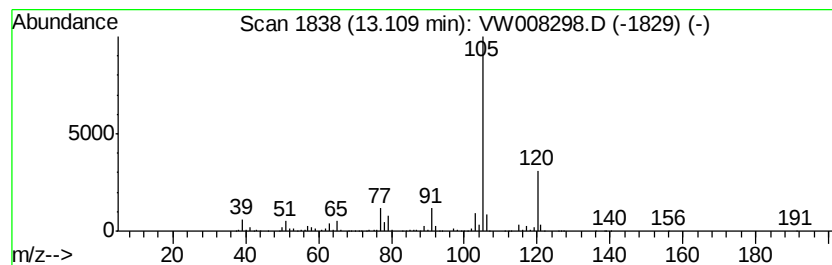
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	145.82 ug/l	1021400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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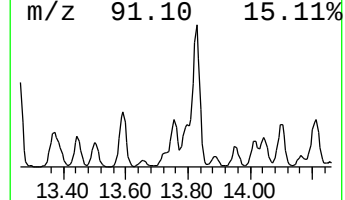
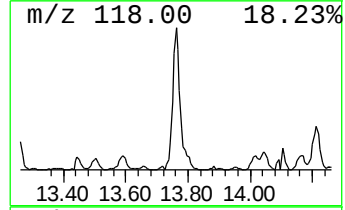
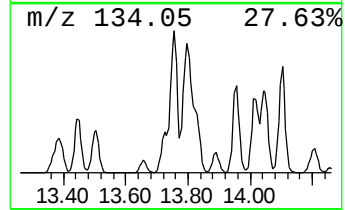
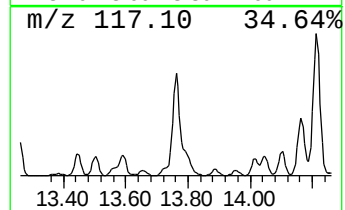
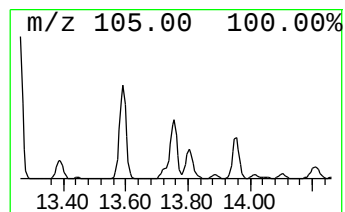
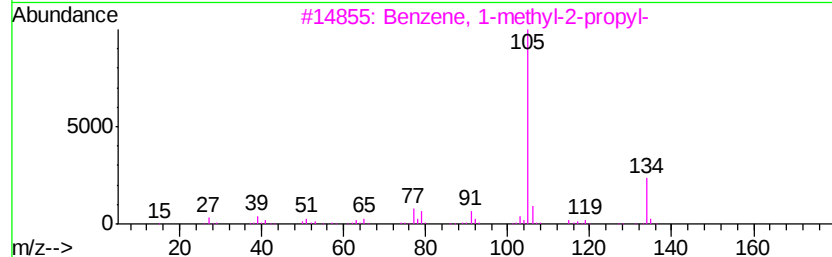
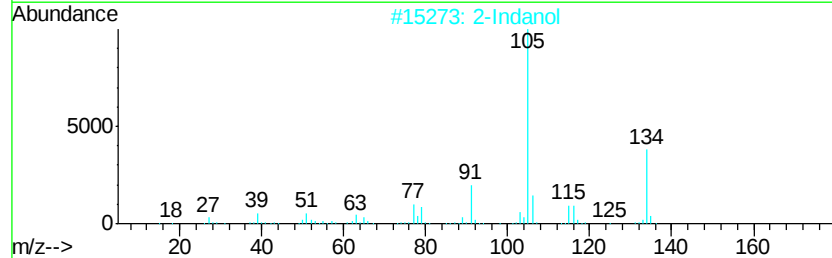
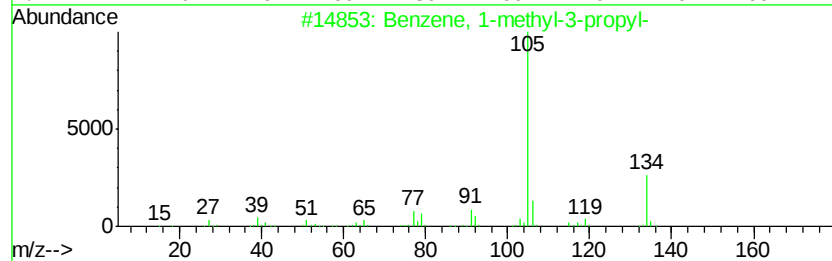
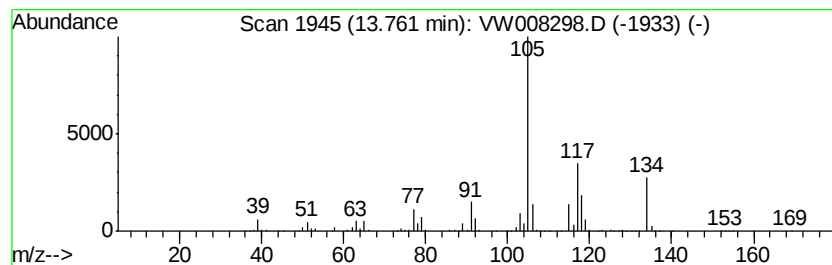
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	234.71 ug/l	1643990	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7 70
2		2-Indanol	134 C9H10O	004254-29-9 70
3		Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5 64
4		Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1 60
5		Benzene, (1-methylpropyl)-	134 C10H14	000135-98-8 53



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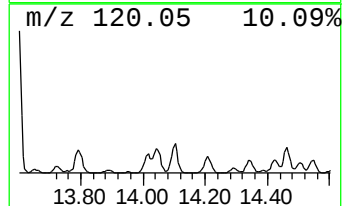
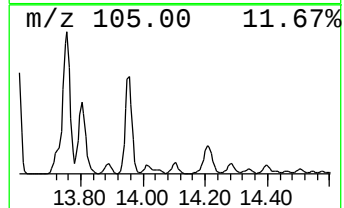
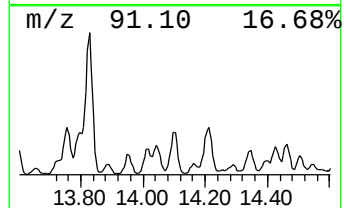
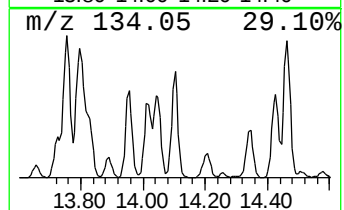
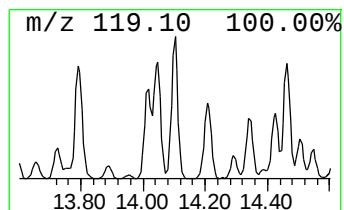
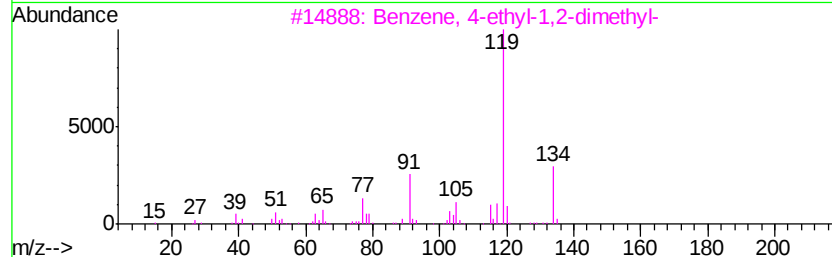
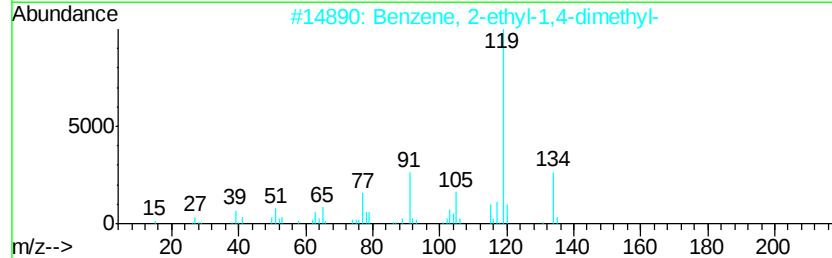
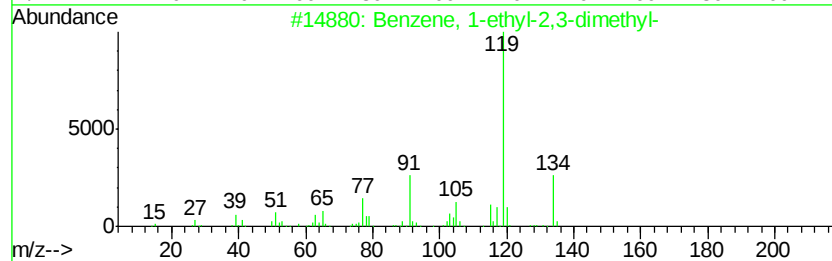
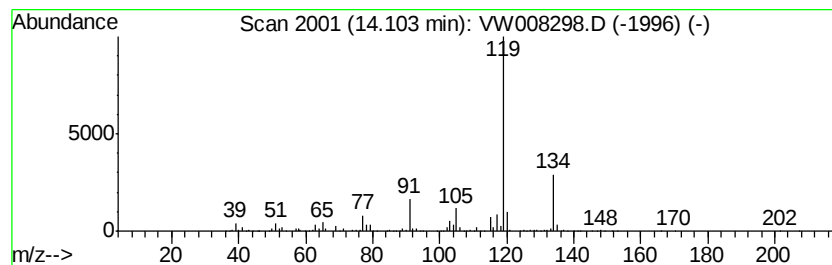
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	102.12 ug/l	715284	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

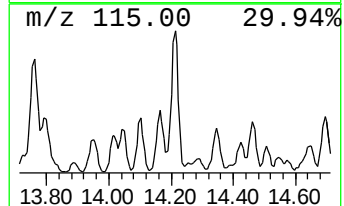
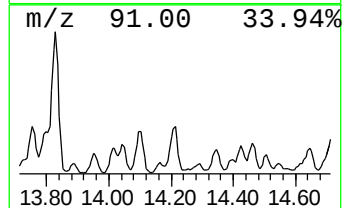
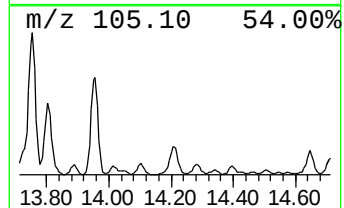
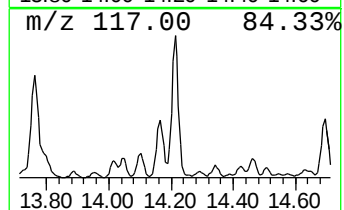
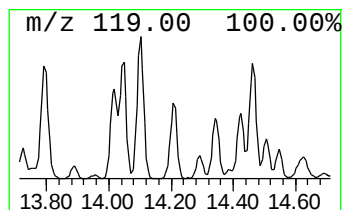
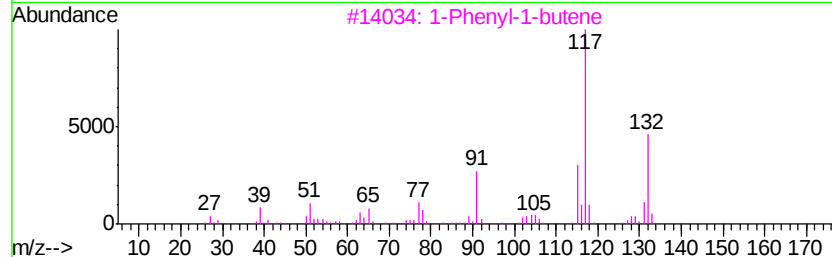
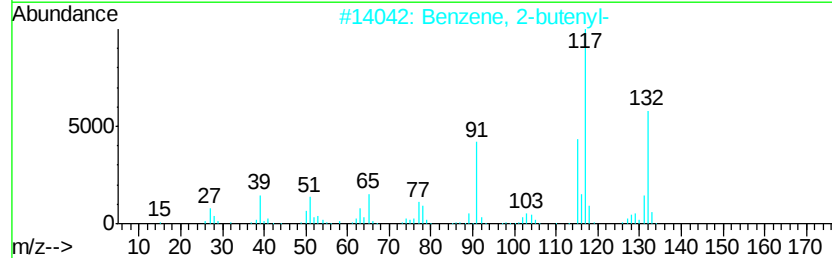
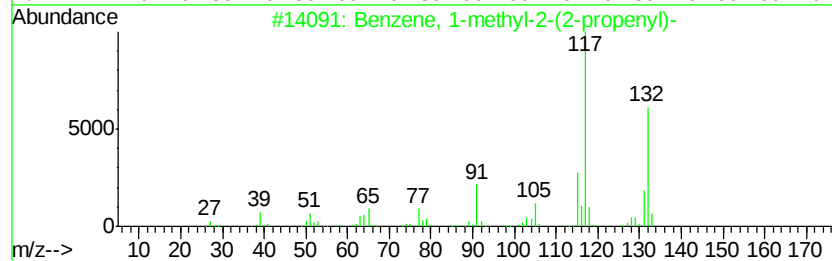
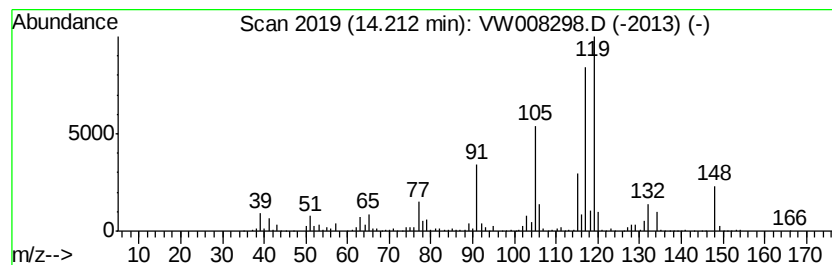
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	140.21 ug/l	982119	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EO-01-011518-C

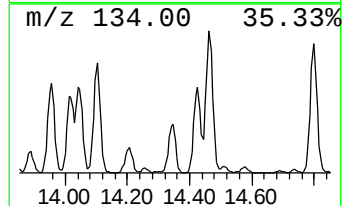
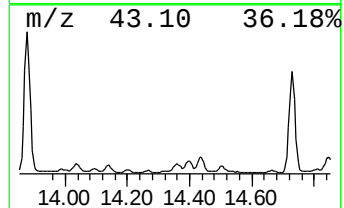
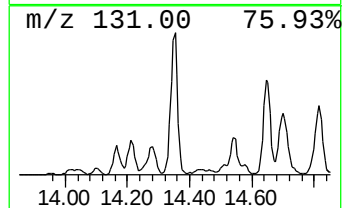
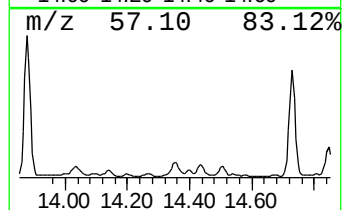
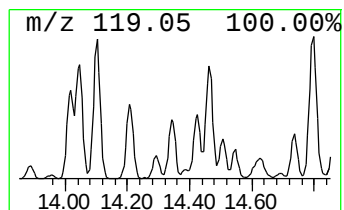
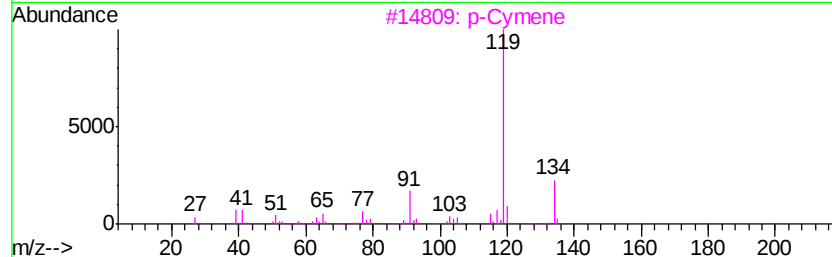
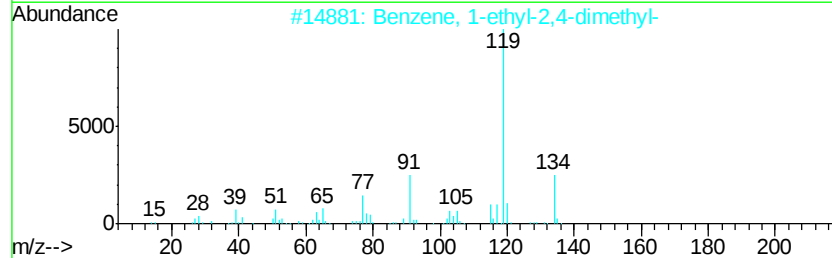
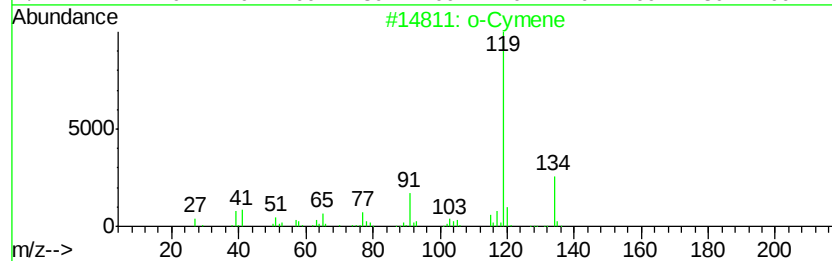
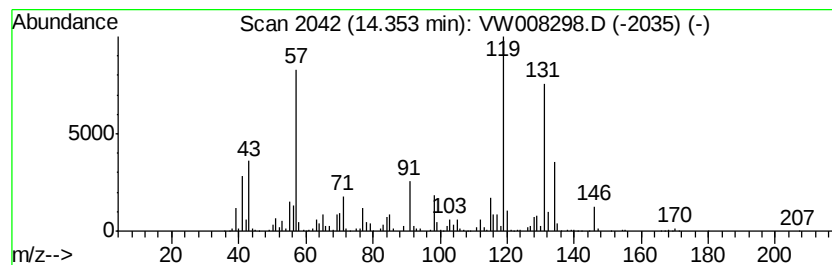
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Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	108.02 ug/l	756640	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	90
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3		p-Cymene	134	C10H14	000099-87-6	90
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

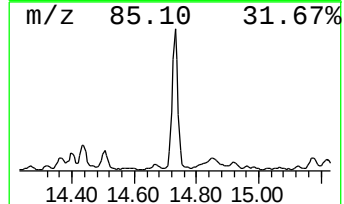
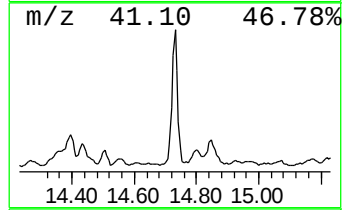
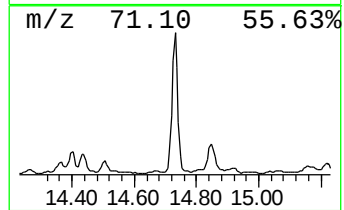
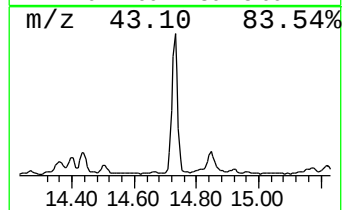
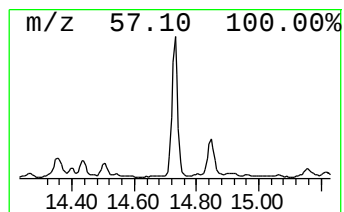
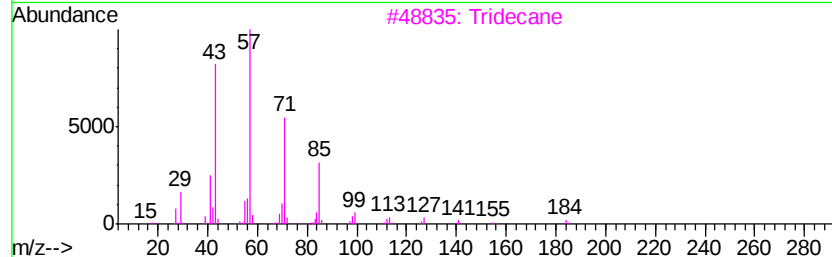
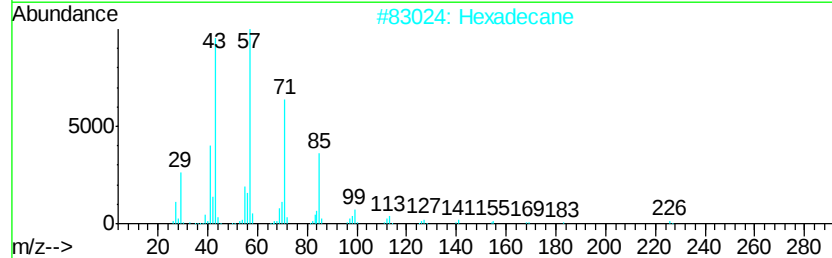
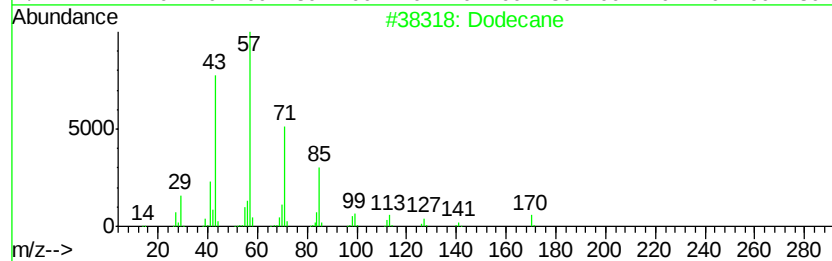
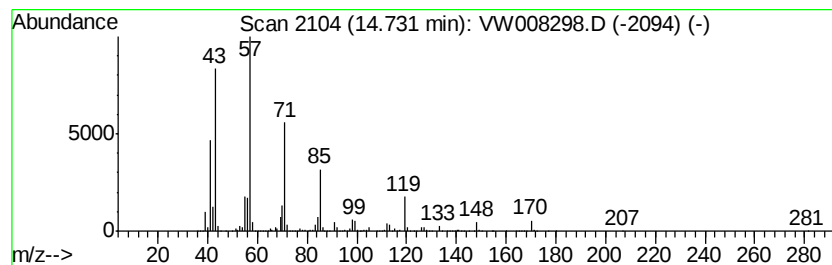
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	332.03 ug/l	2325700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	87
2		Hexadecane	226	C16H34	000544-76-3	72
3		Tridecane	184	C13H28	000629-50-5	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-011518-C

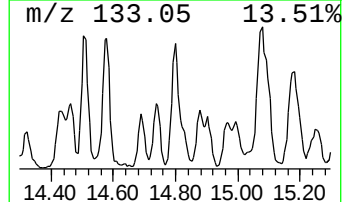
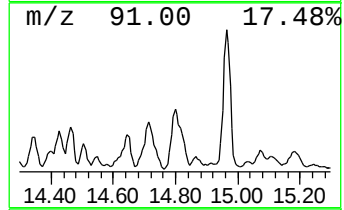
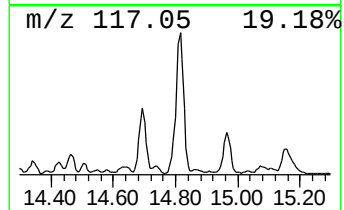
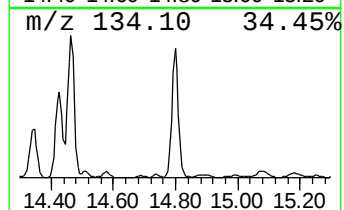
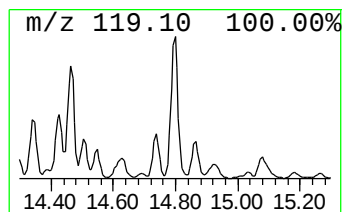
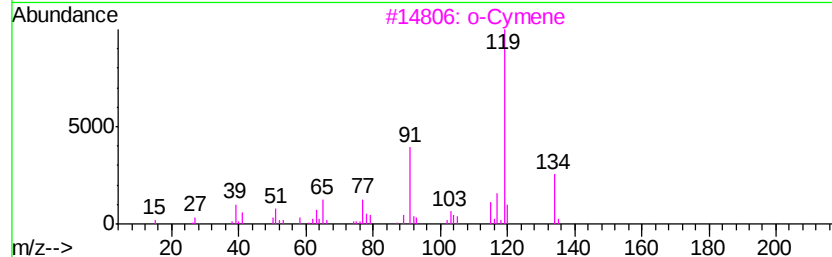
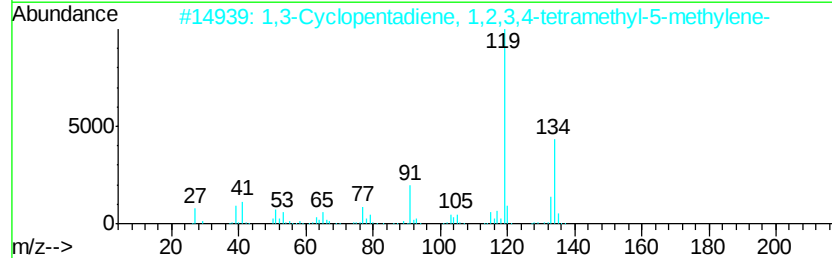
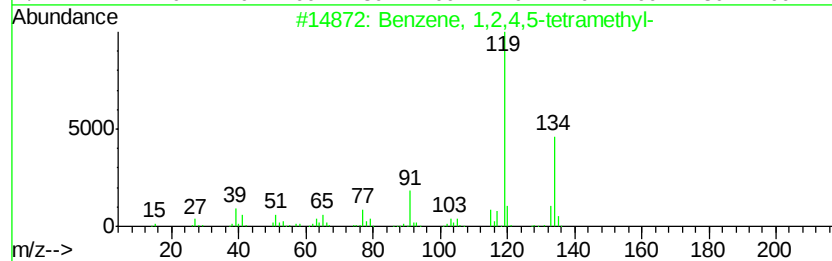
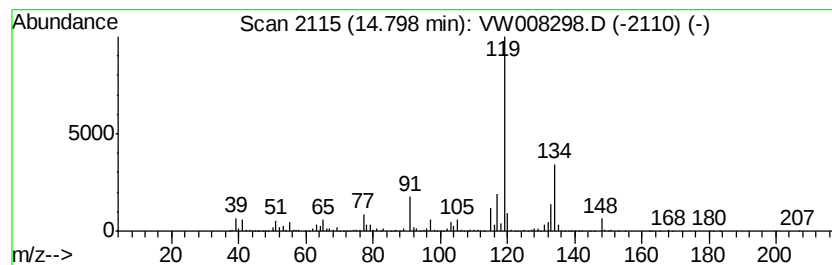
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	230.07 ug/l	1611480	1,4-Dichlorobenzene-d4	13.56

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		o-Cymene	134	C10H14	000527-84-4	87
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

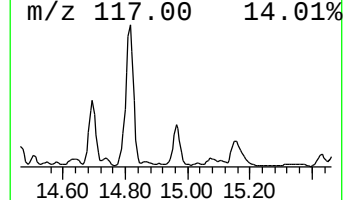
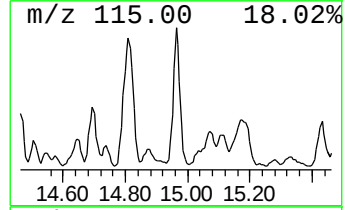
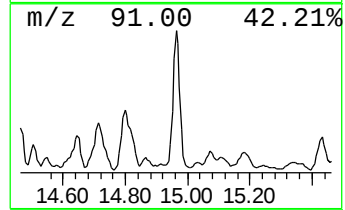
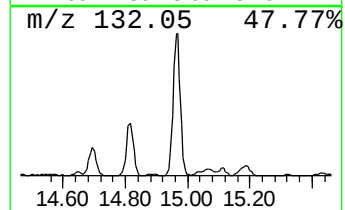
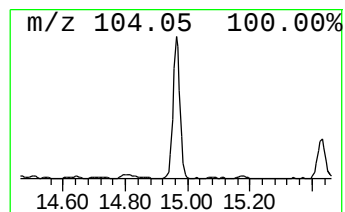
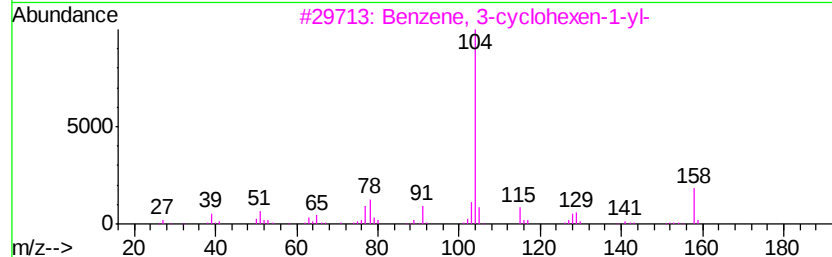
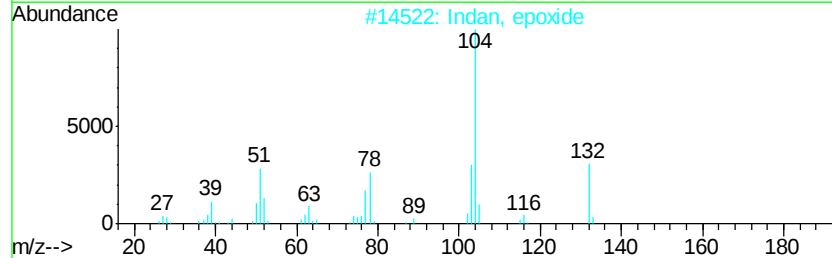
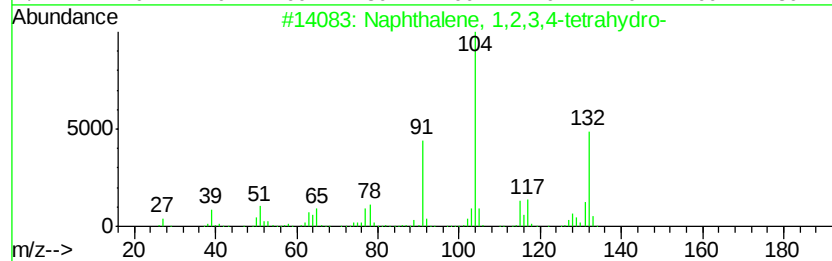
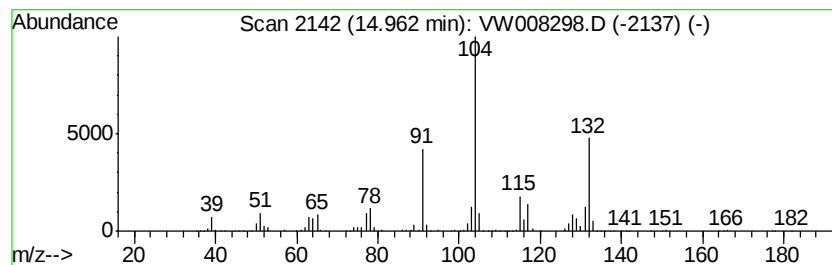
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	164.28 ug/l	1150650	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		Indan, epoxide	132	C9H8O	000768-22-9	58
3		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4		Benzene, cyclobutyl-	132	C10H12	004392-30-7	45
5		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

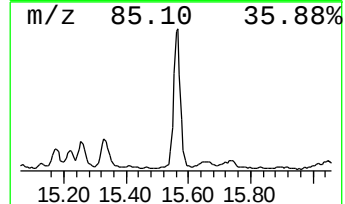
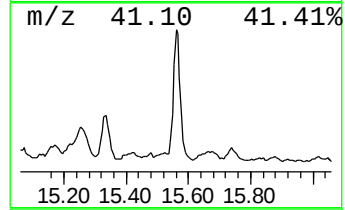
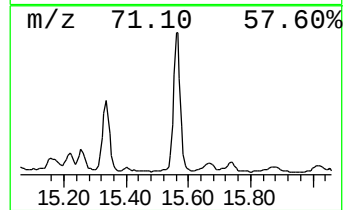
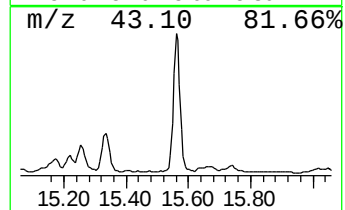
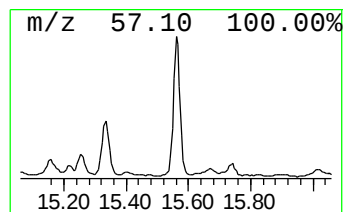
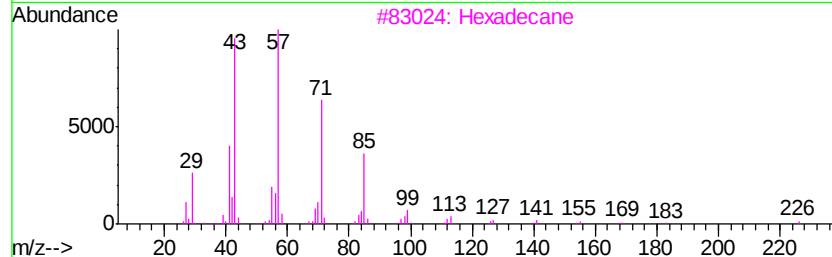
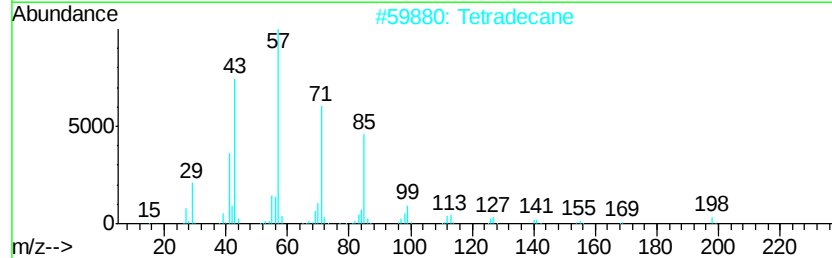
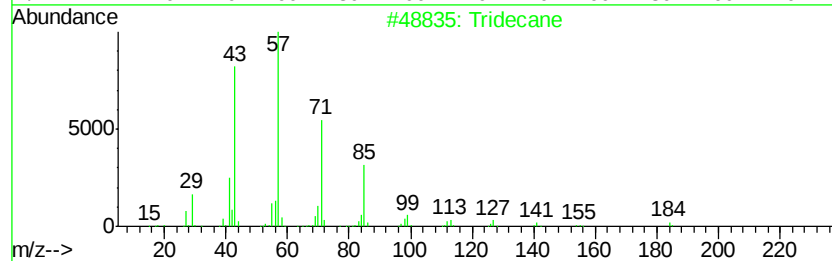
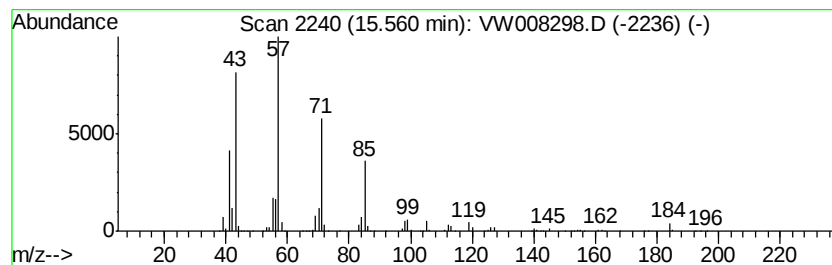
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	180.72 ug/l	1265830	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5	Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011519\
Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.87	199.9	ug/l	1399960	4	13.56	350221	50.0
Benzene, 1-ethyl-...	13.11	145.8	ug/l	1021400	4	13.56	350221	50.0
Benzene, 1-methyl...	13.76	234.7	ug/l	1643990	4	13.56	350221	50.0
Benzene, 1-ethyl-...	14.10	102.1	ug/l	715284	4	13.56	350221	50.0
Benzene, 1-methyl...	14.21	140.2	ug/l	982119	4	13.56	350221	50.0
o-Cymene	14.35	108.0	ug/l	756640	4	13.56	350221	50.0
Dodecane	14.73	332.0	ug/l	2325700	4	13.56	350221	50.0
Benzene, 1,2,4,5-...	14.80	230.1	ug/l	1611480	4	13.56	350221	50.0
Naphthalene, 1,2,...	14.96	164.3	ug/l	1150650	4	13.56	350221	50.0
Tridecane	15.56	180.7	ug/l	1265830	4	13.56	350221	50.0