

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005281.D
 Acq On : 11 Sep 2018 17:35
 Operator : SY/AP
 Sample : J4777-05
 Misc : 6.89G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-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\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	1.959	4	9	24	rVB	92907	146570	4.14%	0.295%
2	2.330	64	70	79	rBV2	40462	94382	2.67%	0.190%
3	3.397	238	245	260	rVB6	11840	41426	1.17%	0.083%
4	4.129	354	365	379	rBV2	21111	62746	1.77%	0.126%
5	4.921	481	495	516	rBV2	55502	199893	5.65%	0.402%
6	7.141	849	859	877	rBV2	34688	104526	2.95%	0.210%
7	7.683	935	948	962	rBV	39971	111815	3.16%	0.225%
8	7.890	972	982	987	rBV2	251789	603267	17.04%	1.214%
9	7.957	987	993	1013	rVB	670430	1500457	42.38%	3.020%
10	8.311	1037	1051	1062	rBV	262122	593232	16.75%	1.194%
11	8.848	1130	1139	1161	rBV	960254	1925284	54.37%	3.875%
12	10.329	1372	1382	1390	rBV	1332163	2306028	65.13%	4.641%
13	10.512	1404	1412	1418	rVB	44067	71726	2.03%	0.144%
14	10.713	1439	1445	1451	rBV	47102	115129	3.25%	0.232%
15	11.237	1526	1531	1536	rVB	24978	43339	1.22%	0.087%
16	11.347	1543	1549	1553	rBV3	20438	36891	1.04%	0.074%
17	11.414	1553	1560	1563	rBV	30251	61462	1.74%	0.124%
18	11.518	1571	1577	1588	rBV	57944	99171	2.80%	0.200%
19	11.634	1588	1596	1607	rBV	1481149	2535041	71.60%	5.102%
20	11.847	1621	1631	1633	rBV4	31500	97902	2.76%	0.197%
21	11.878	1633	1636	1640	rVV	62770	93995	2.65%	0.189%
22	11.920	1640	1643	1649	rVB	57332	97527	2.75%	0.196%
23	12.067	1661	1667	1672	rBV3	36515	67858	1.92%	0.137%
24	12.146	1672	1680	1686	rBV2	134691	313538	8.86%	0.631%
25	12.262	1691	1699	1703	rVB	290288	450750	12.73%	0.907%
26	12.347	1703	1713	1714	rBV5	148408	311216	8.79%	0.626%
27	12.390	1714	1720	1728	rVB4	207197	545231	15.40%	1.097%
28	12.469	1728	1733	1736	rBV2	78591	162438	4.59%	0.327%
29	12.512	1736	1740	1742	rBV4	93744	143352	4.05%	0.289%
30	12.548	1742	1746	1753	rVB	345486	660939	18.67%	1.330%
31	12.627	1753	1759	1768	rVB3	1099152	1984151	56.04%	3.994%
32	12.707	1768	1772	1775	rBV6	56793	90257	2.55%	0.182%
33	12.749	1776	1779	1781	rBV2	33282	45605	1.29%	0.092%
34	12.792	1781	1786	1793	rVB3	244403	615187	17.37%	1.238%

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35	12.871	1793	1799	1802	rBV2	539741	917648	25.92%	1.847%
36	12.914	1802	1806	1807	rBV	161940	212053	5.99%	0.427%
37	12.951	1807	1812	1817	rVB	928813	1566179	44.23%	3.152%
38	12.999	1817	1820	1825	rVB	314484	457026	12.91%	0.920%
39	13.048	1825	1828	1830	rBV2	45365	61929	1.75%	0.125%
40	13.085	1830	1834	1838	rBV	208860	343610	9.70%	0.692%
41	13.133	1838	1842	1844	rBV3	155219	234987	6.64%	0.473%
42	13.170	1844	1848	1855	rVB	913738	1370738	38.71%	2.759%
43	13.255	1855	1862	1867	rBV	2190523	3540773	100.00%	7.127%
44	13.298	1867	1869	1873	rVB	139487	171042	4.83%	0.344%
45	13.353	1874	1878	1881	rBV	217344	332695	9.40%	0.670%
46	13.383	1881	1883	1887	rVB2	167752	226476	6.40%	0.456%
47	13.457	1887	1895	1898	rBV3	888188	1752331	49.49%	3.527%
48	13.493	1898	1901	1905	rVB2	318633	397981	11.24%	0.801%
49	13.566	1908	1913	1916	rBV	1625379	2679110	75.66%	5.392%
50	13.633	1922	1924	1931	rVB3	235911	301382	8.51%	0.607%
51	13.725	1931	1939	1940	rVV5	227527	454667	12.84%	0.915%
52	13.755	1940	1944	1948	rVV	713079	1267019	35.78%	2.550%
53	13.804	1948	1952	1960	rVV3	731433	1660513	46.90%	3.342%
54	13.889	1960	1966	1970	rVV2	713192	1363036	38.50%	2.743%
55	13.926	1970	1972	1975	rVV	309520	473327	13.37%	0.953%
56	13.963	1975	1978	1980	rVV	258170	430024	12.14%	0.866%
57	14.023	1984	1988	1989	rVV	514734	796303	22.49%	1.603%
58	14.048	1989	1992	1997	rVV2	735251	1435318	40.54%	2.889%
59	14.103	1997	2001	2006	rVV	778405	1425661	40.26%	2.869%
60	14.145	2006	2008	2014	rVV2	202497	358500	10.12%	0.722%
61	14.212	2014	2019	2024	rVV2	601776	1061962	29.99%	2.137%
62	14.273	2024	2029	2035	rVV6	179521	529282	14.95%	1.065%
63	14.347	2035	2041	2045	rVV2	346529	747054	21.10%	1.504%
64	14.395	2045	2049	2053	rVV3	580242	1167256	32.97%	2.349%
65	14.469	2057	2061	2065	rVV	507452	793707	22.42%	1.598%
66	14.511	2065	2068	2071	rVV	239739	337464	9.53%	0.679%
67	14.554	2071	2075	2082	rVV3	298920	585292	16.53%	1.178%
68	14.615	2082	2085	2086	rVV2	66964	84508	2.39%	0.170%
69	14.651	2087	2091	2095	rVV	188451	300431	8.48%	0.605%
70	14.706	2095	2100	2103	rVV3	123719	270601	7.64%	0.545%
71	14.743	2103	2106	2110	rVB	161301	229533	6.48%	0.462%

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Integration Parameters: RTEINT.P

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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.804	2110	2116	2123	rBV2	580153	1214791	34.31%	2.445%
73	14.865	2123	2126	2132	rVB2	125324	210907	5.96%	0.425%
74	14.968	2138	2143	2149	rVB	392541	621959	17.57%	1.252%
75	15.078	2157	2161	2165	rBV3	64966	107337	3.03%	0.216%
76	15.188	2173	2179	2185	rVB4	78749	184727	5.22%	0.372%
77	15.377	2204	2210	2216	rVB	261273	444952	12.57%	0.896%
78	15.517	2229	2233	2238	rVB	25484	45824	1.29%	0.092%
79	15.566	2238	2241	2250	rVB4	23156	49439	1.40%	0.100%
80	16.456	2381	2387	2394	rBV2	32945	67857	1.92%	0.137%
81	16.657	2412	2420	2437	rVB	24594	65897	1.86%	0.133%

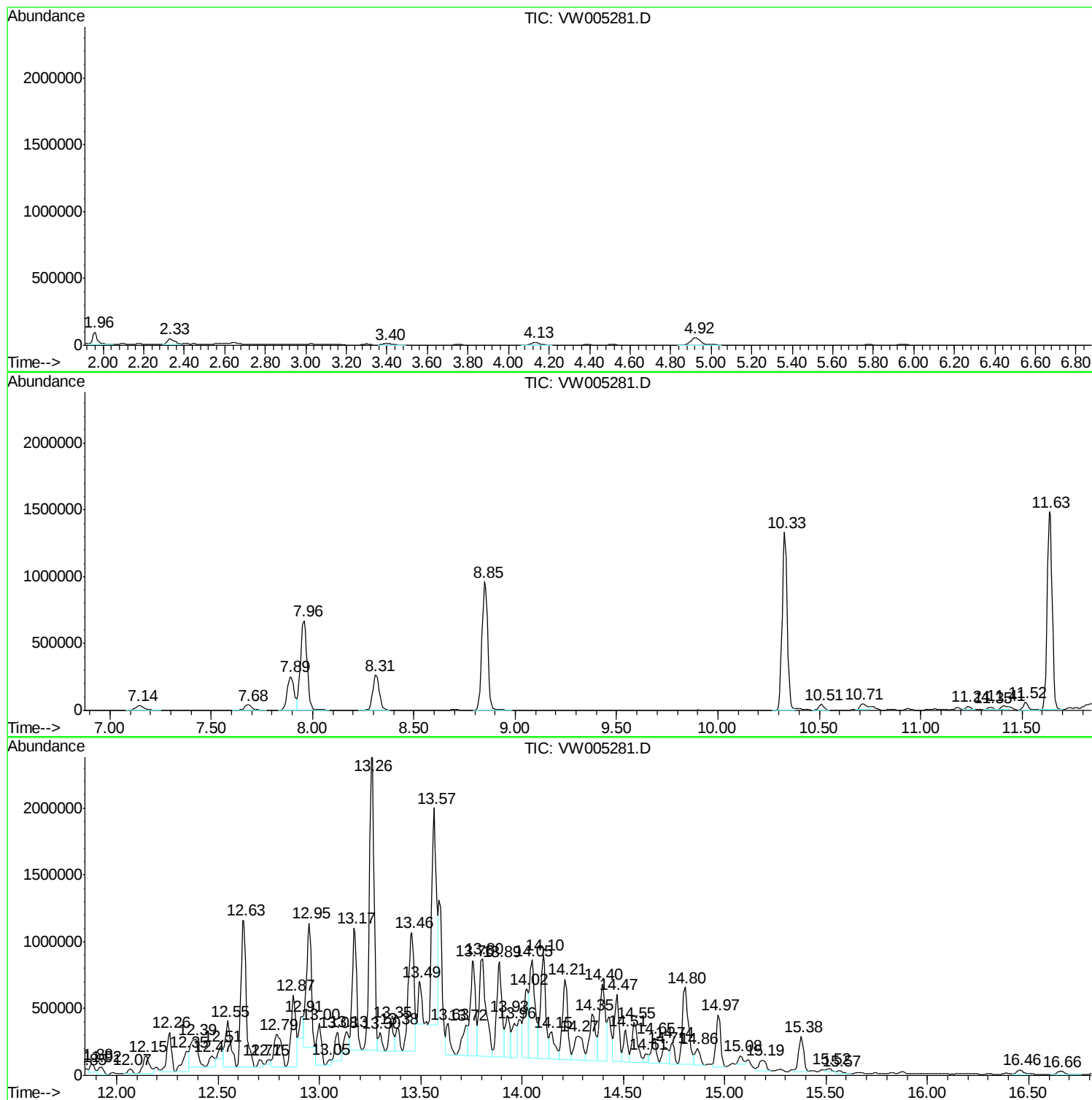
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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



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ALS Vial : 18 Sample Multiplier: 1

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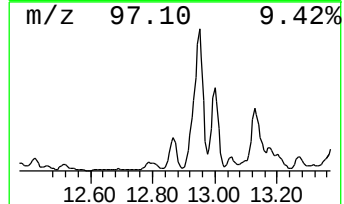
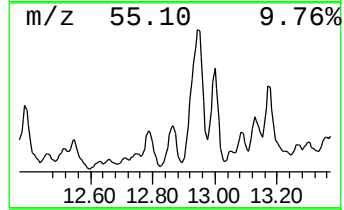
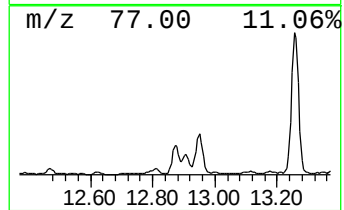
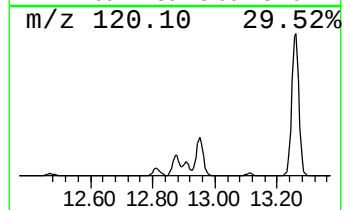
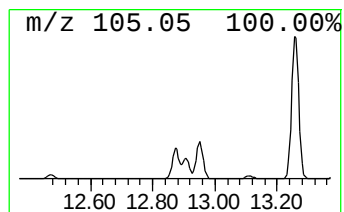
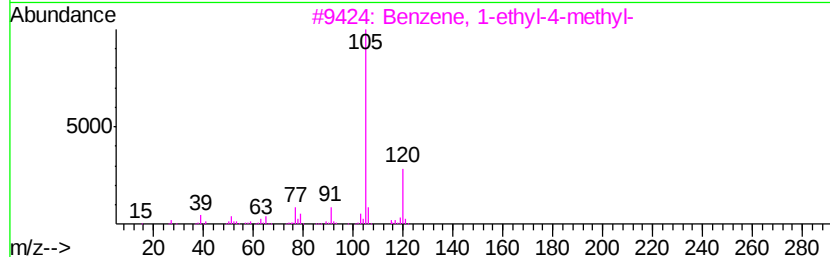
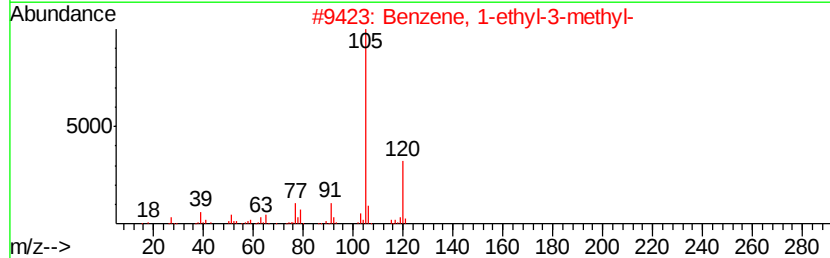
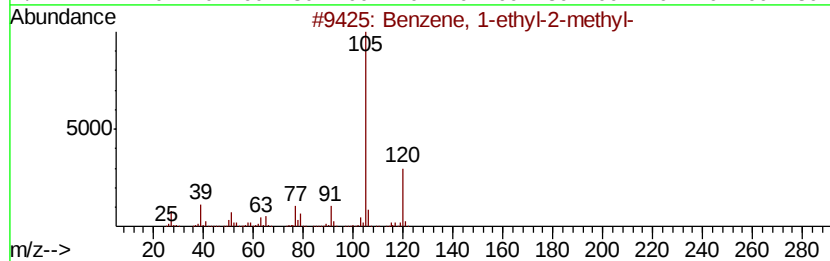
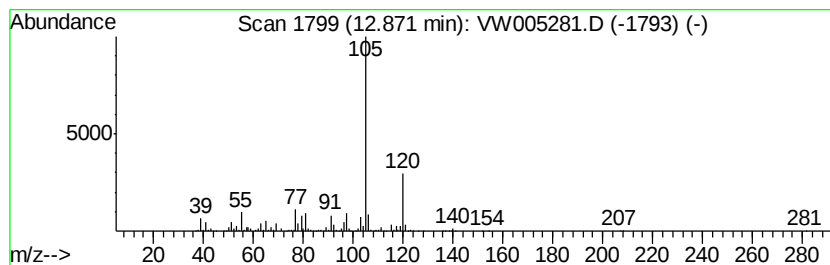
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	17.13 ug/l	917648	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5		Mesitylene	120	C9H12	000108-67-8	70



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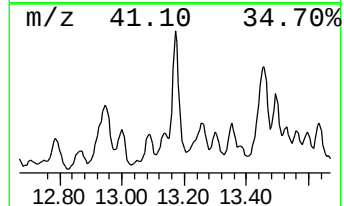
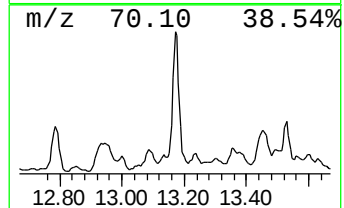
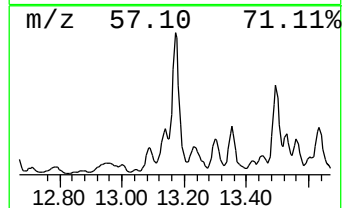
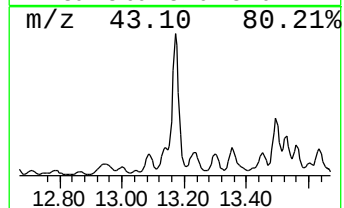
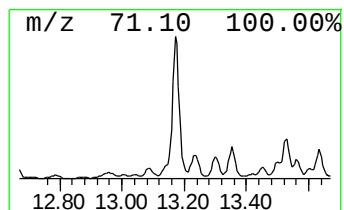
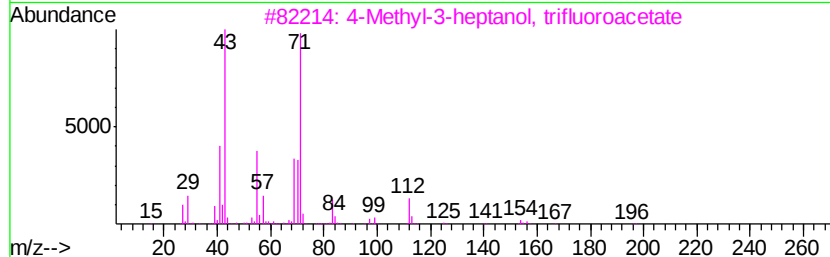
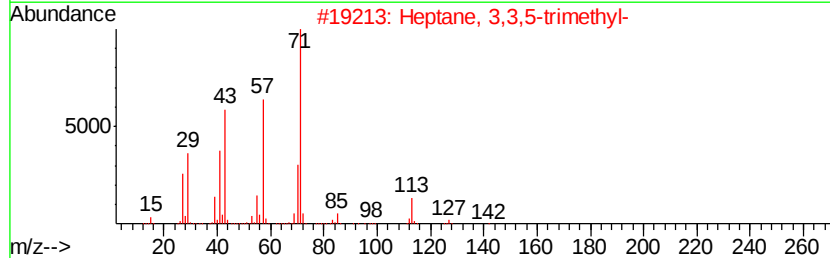
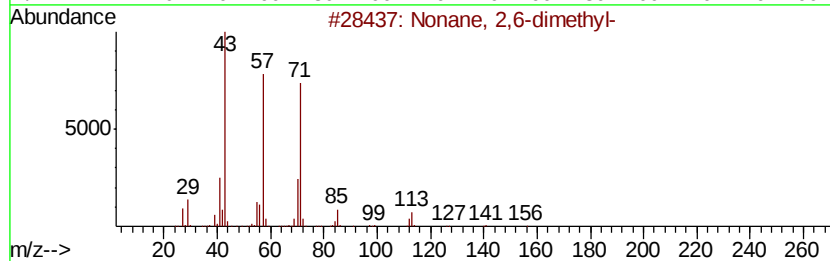
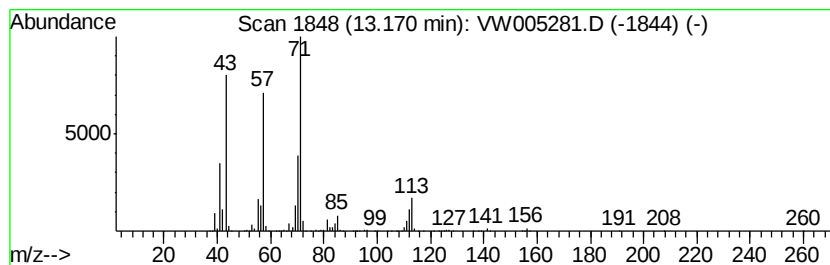
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	25.58 ug/l	1370740	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	59



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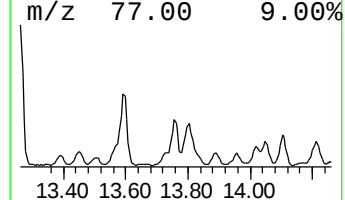
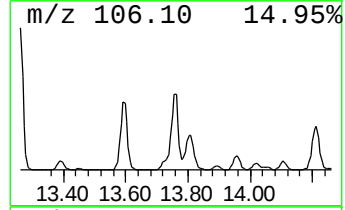
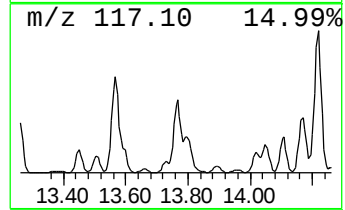
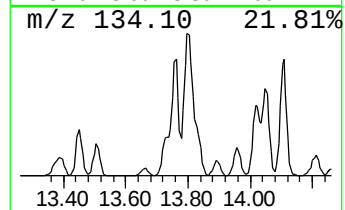
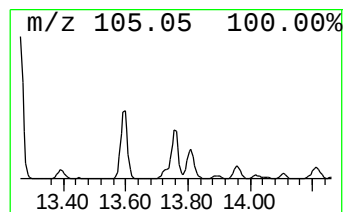
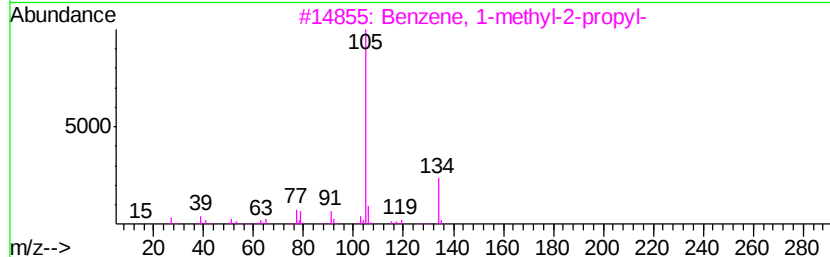
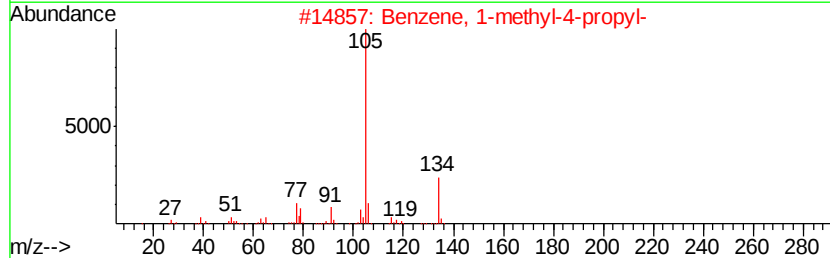
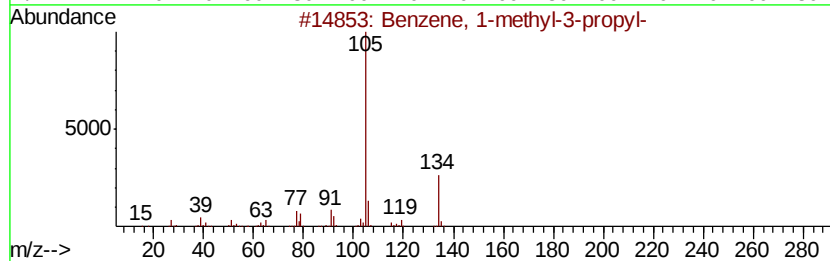
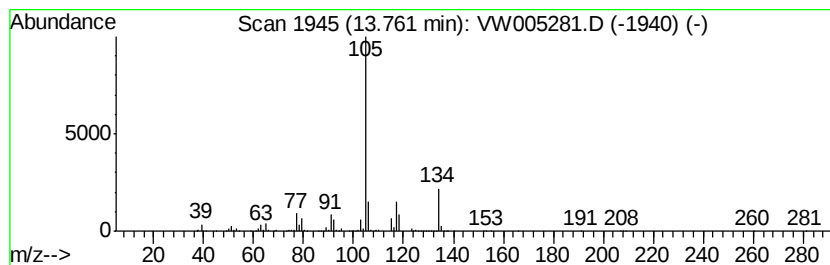
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	23.65 ug/l	1267020	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59



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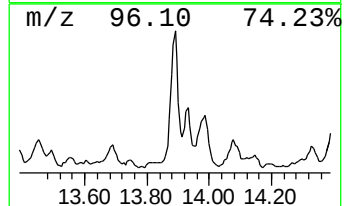
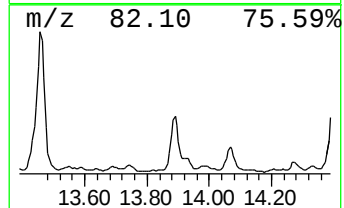
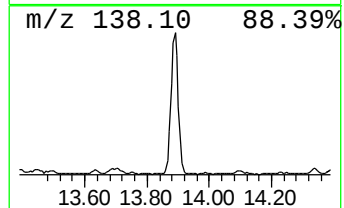
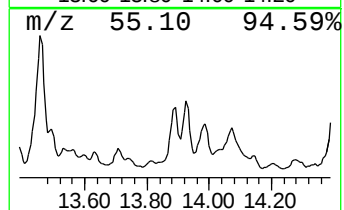
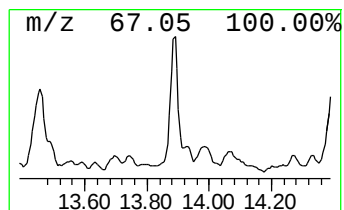
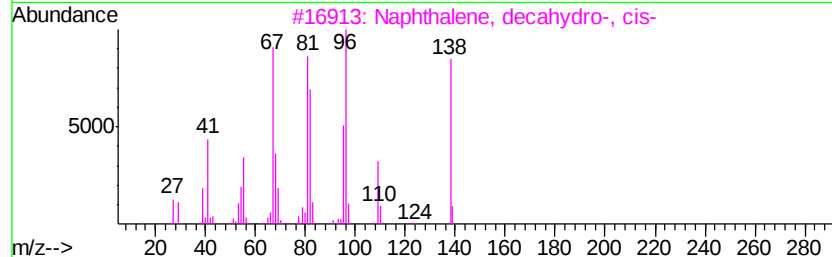
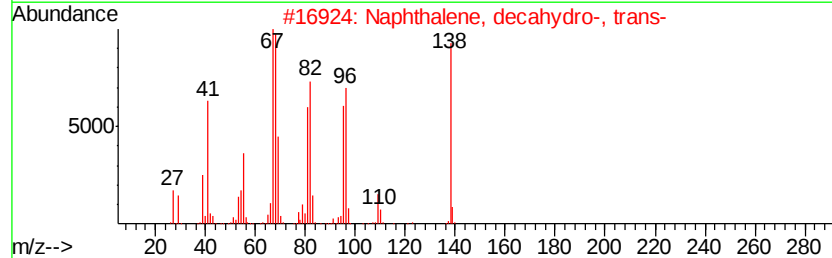
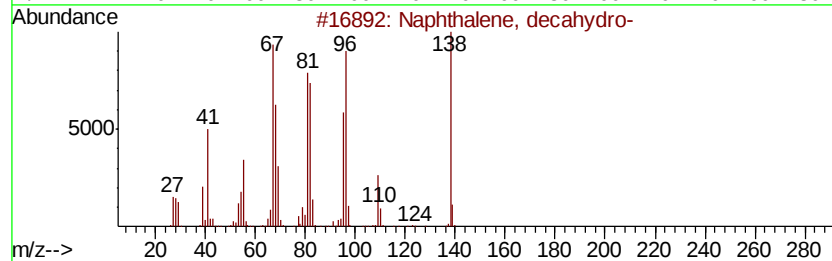
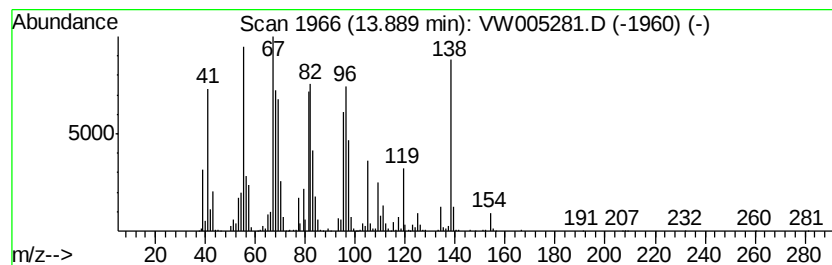
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	25.44 ug/l	1363040	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	95
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
4		9-Borabicyclo[3.3.1]nonane, 9-hv...	138	C8H15BO	063366-65-4	76
5		Spiro[4.5]decane	138	C10H18	000176-63-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

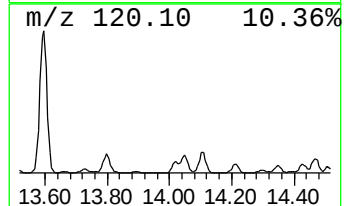
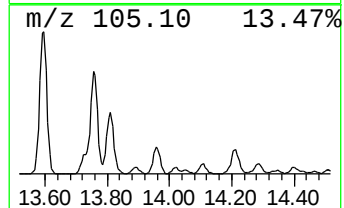
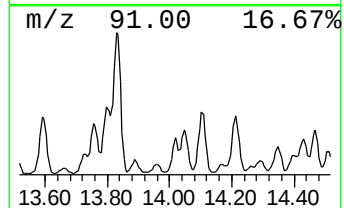
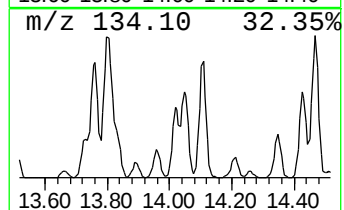
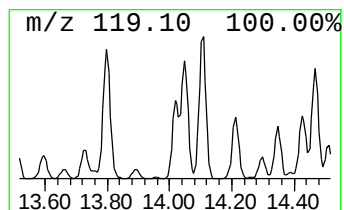
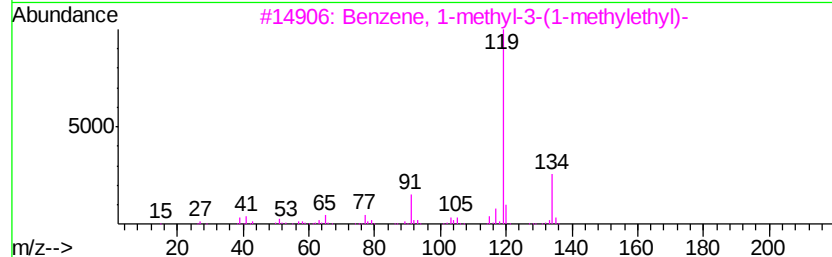
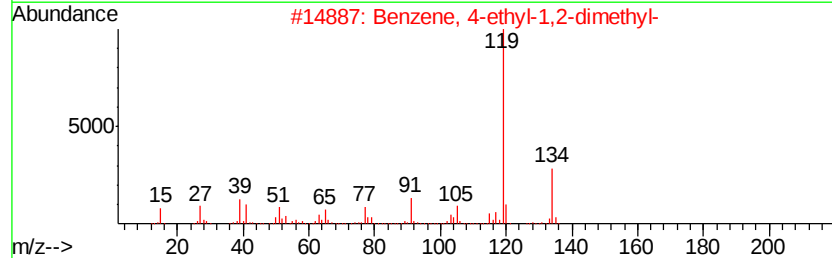
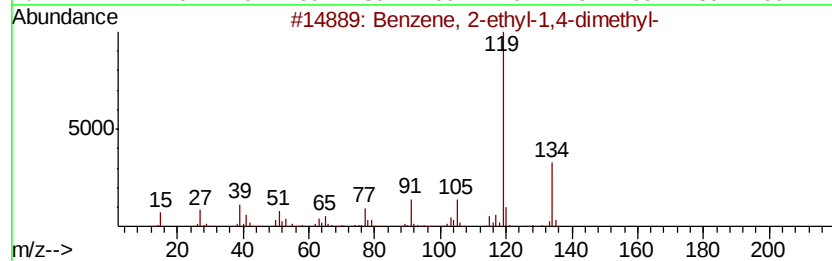
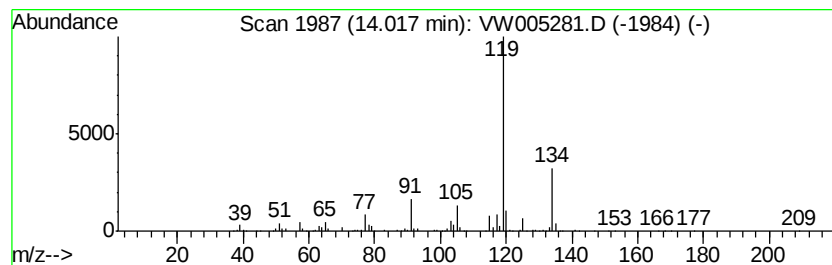
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	14.86 ug/l	796303	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

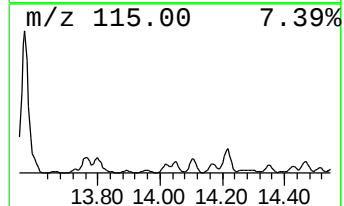
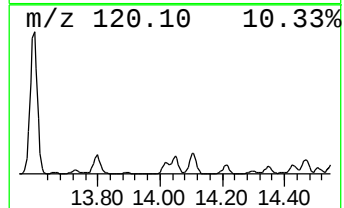
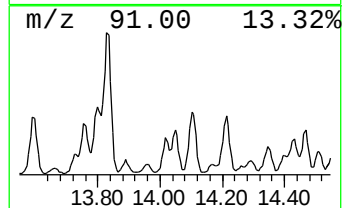
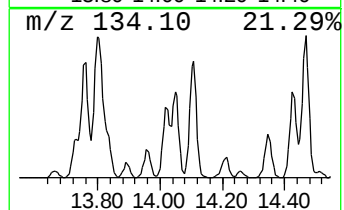
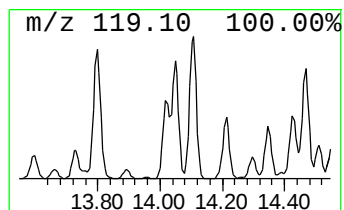
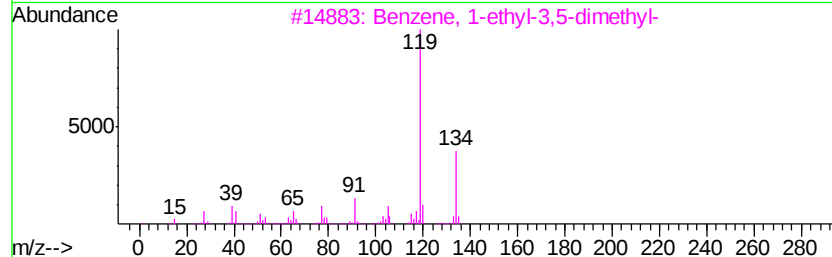
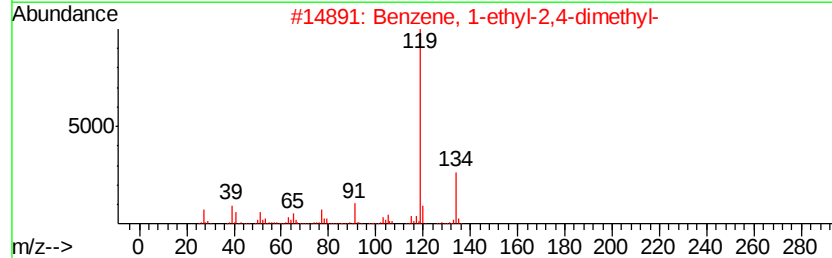
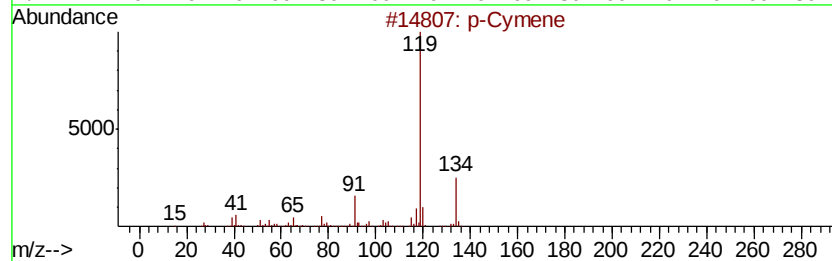
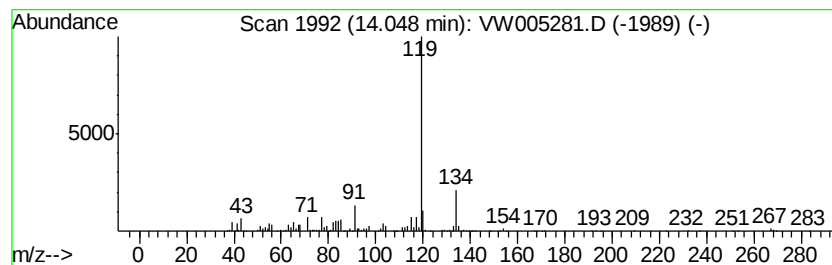
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Quant Title : SW846 8260

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

Peak Number 6 p-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	26.79 ug/l	1435320	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	93
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

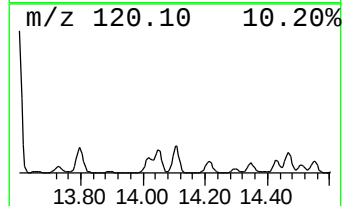
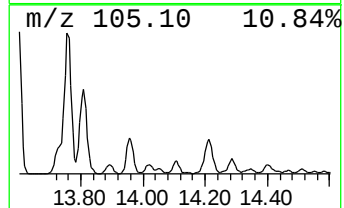
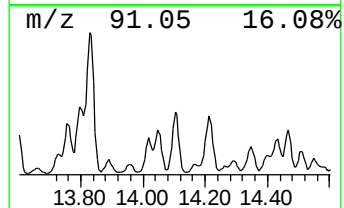
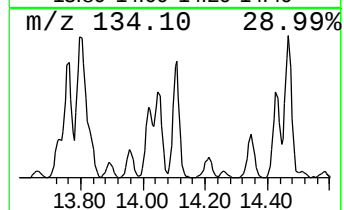
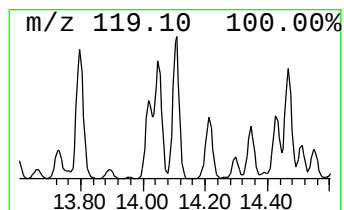
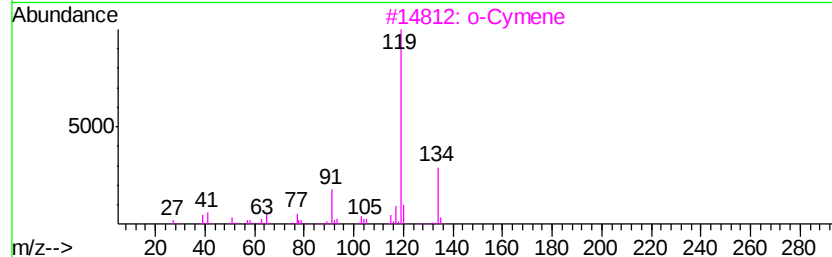
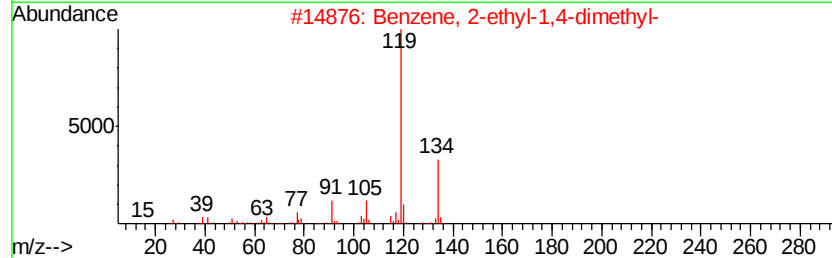
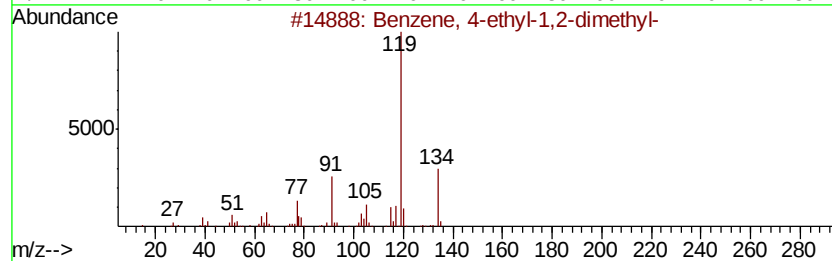
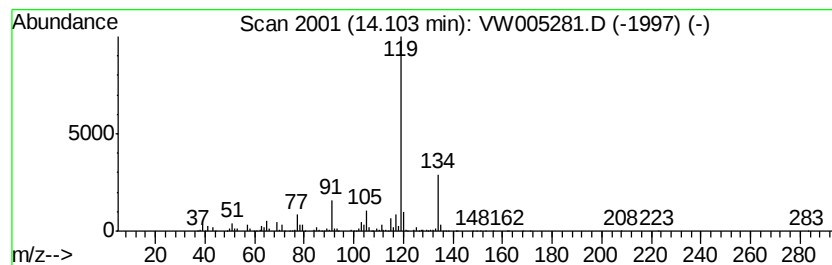
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	26.61 ug/l	1425660	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	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

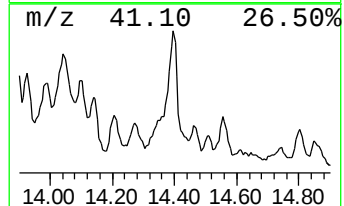
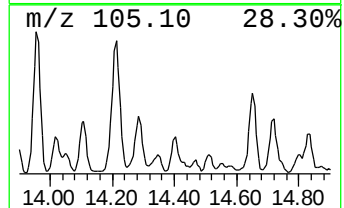
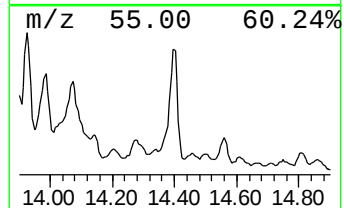
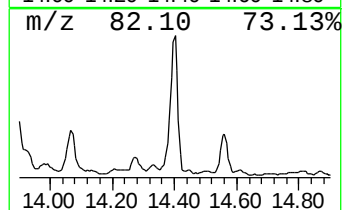
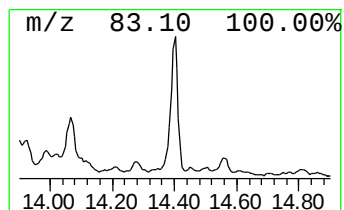
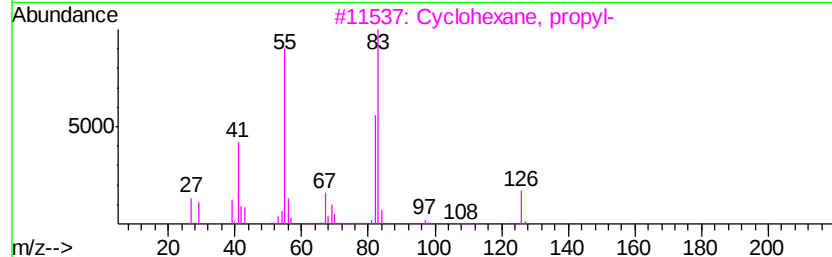
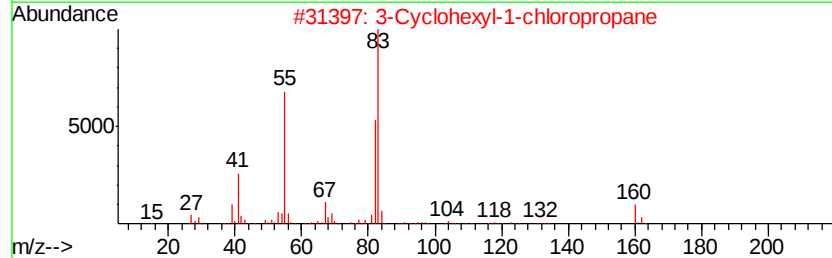
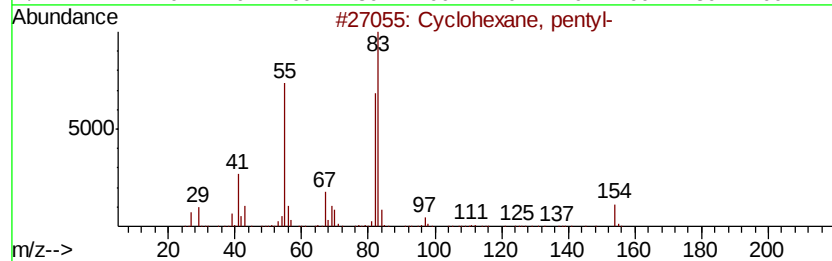
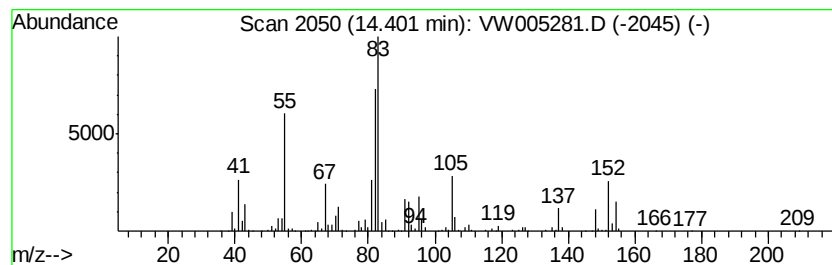
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	21.78 ug/l	1167260	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	47
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4		1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	47
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

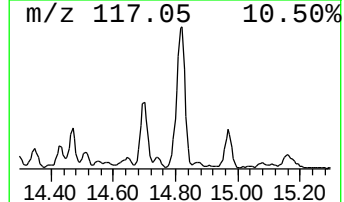
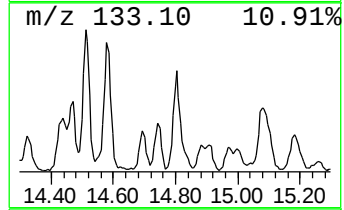
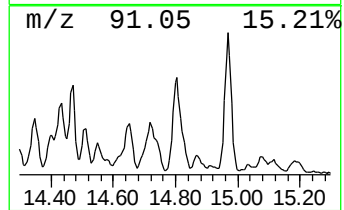
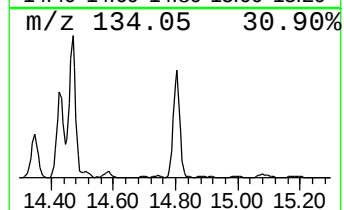
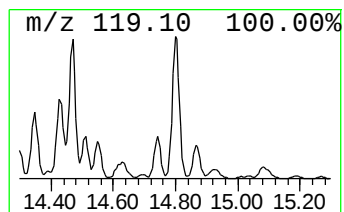
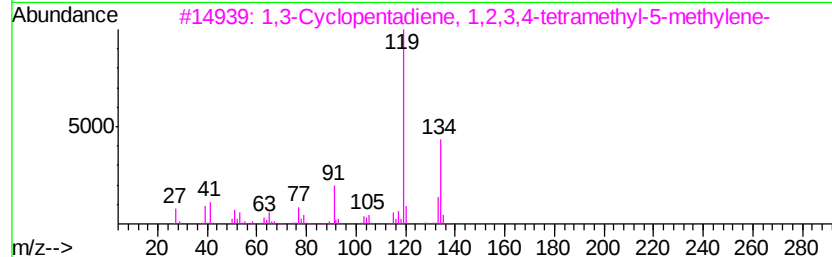
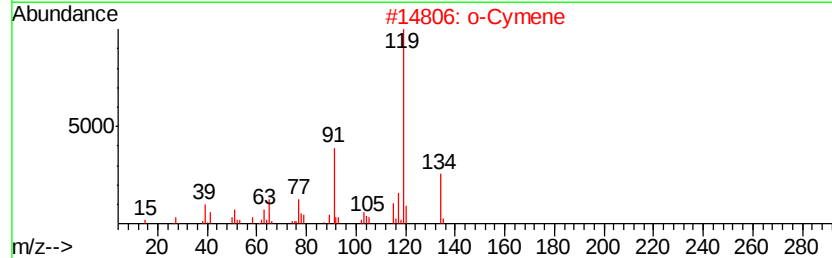
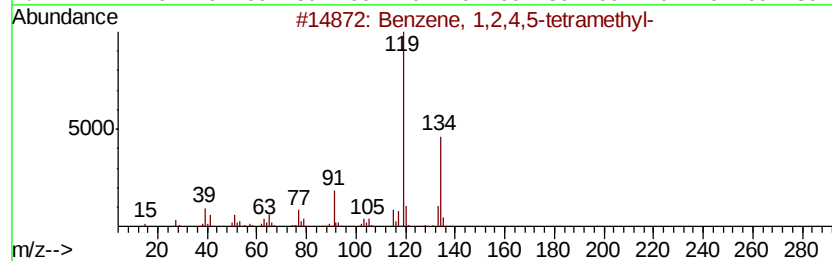
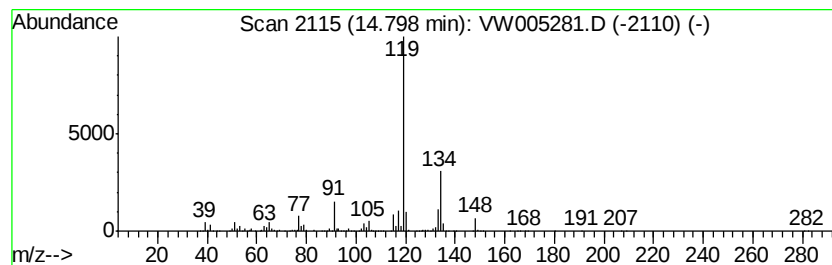
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	22.67 ug/l	1214790	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		o-Cymene	134	C10H14	000527-84-4	93
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		p-Cymene	134	C10H14	000099-87-6	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

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
Benzene, 1-ethyl-...	12.87	17.1	ug/l	917648	4	13.57	2679110	50.0
Nonane, 2,6-dimet...	13.17	25.6	ug/l	1370740	4	13.57	2679110	50.0
Benzene, 1-methyl...	13.76	23.6	ug/l	1267020	4	13.57	2679110	50.0
Naphthalene, deca...	13.89	25.4	ug/l	1363040	4	13.57	2679110	50.0
Benzene, 2-ethyl-...	14.02	14.9	ug/l	796303	4	13.57	2679110	50.0
p-Cymene	14.05	26.8	ug/l	1435320	4	13.57	2679110	50.0
Benzene, 4-ethyl-...	14.10	26.6	ug/l	1425660	4	13.57	2679110	50.0
unknown14.40	14.40	21.8	ug/l	1167260	4	13.57	2679110	50.0
Benzene, 1,2,4,5-...	14.80	22.7	ug/l	1214790	4	13.57	2679110	50.0