

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003937.D
 Acq On : 14 Jul 2018 00:56
 Operator : VA/AP
 Sample : J3821-05
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-C

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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	1.746	17	26	28	rBV	9958	17845	1.75%	0.148%
2	1.800	28	35	56	rVB	338713	835952	82.18%	6.931%
3	4.141	407	419	436	rBV2	18829	68419	6.73%	0.567%
4	4.910	534	545	563	rBV2	18403	65647	6.45%	0.544%
5	5.934	701	713	723	rBV3	6469	18759	1.84%	0.156%
6	7.159	904	914	933	rBV	21978	68349	6.72%	0.567%
7	7.885	1022	1033	1038	rBV	148495	348441	34.25%	2.889%
8	7.952	1038	1044	1058	rVB	254938	569454	55.98%	4.722%
9	8.311	1089	1103	1113	rBV	162834	363740	35.76%	3.016%
10	8.848	1181	1191	1205	rBV	394663	784494	77.12%	6.504%
11	10.329	1425	1434	1441	rBV	581731	1017242	100.00%	8.434%
12	10.390	1441	1444	1458	rVB	8586	14999	1.47%	0.124%
13	11.634	1640	1648	1657	rBV	501723	845533	83.12%	7.011%
14	11.738	1657	1665	1672	rVB	11336	19924	1.96%	0.165%
15	11.841	1675	1682	1691	rBV2	31047	61446	6.04%	0.509%
16	12.171	1726	1736	1742	rBV	37425	67141	6.60%	0.557%
17	12.469	1780	1785	1790	rBV2	7997	12578	1.24%	0.104%
18	12.622	1804	1810	1820	rBV	366014	607322	59.70%	5.036%
19	12.811	1833	1841	1846	rBV	30615	49014	4.82%	0.406%
20	12.872	1846	1851	1855	rBV	104825	182269	17.92%	1.511%
21	12.908	1855	1857	1860	rVV	60572	76393	7.51%	0.633%
22	12.951	1860	1864	1870	rVB	100304	157542	15.49%	1.306%
23	13.109	1883	1890	1896	rBV	111626	180754	17.77%	1.499%
24	13.170	1896	1900	1907	rBV8	7325	12095	1.19%	0.100%
25	13.262	1907	1915	1920	rBV	278339	444403	43.69%	3.685%
26	13.390	1927	1936	1940	rBV2	19313	39104	3.84%	0.324%
27	13.451	1940	1946	1951	rBV2	37477	60408	5.94%	0.501%
28	13.506	1951	1955	1959	rVB	18086	25997	2.56%	0.216%
29	13.567	1959	1965	1968	rBV	425009	718503	70.63%	5.957%
30	13.725	1986	1991	1993	rBV2	34389	52985	5.21%	0.439%
31	13.762	1993	1997	2000	rVV2	112325	193488	19.02%	1.604%
32	13.798	2000	2003	2013	rVB3	117533	239472	23.54%	1.986%
33	13.890	2013	2018	2023	rBV3	46407	81487	8.01%	0.676%
34	13.957	2023	2029	2035	rBV	92391	143740	14.13%	1.192%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	14.018	2035	2039	2041	rVV	82051	119709	11.77%	0.993%
36	14.048	2041	2044	2049	rVV	102887	158493	15.58%	1.314%
37	14.103	2049	2053	2059	rVB	113550	177463	17.45%	1.471%
38	14.170	2059	2064	2066	rBV	14167	20597	2.02%	0.171%
39	14.213	2066	2071	2076	rVB3	91176	148561	14.60%	1.232%
40	14.262	2076	2079	2082	rBV	8483	13039	1.28%	0.108%
41	14.347	2087	2093	2098	rVV2	59897	96179	9.45%	0.797%
42	14.396	2098	2101	2103	rVV3	19583	29745	2.92%	0.247%
43	14.426	2103	2106	2109	rVV	59269	91384	8.98%	0.758%
44	14.469	2109	2113	2117	rVV	111943	161246	15.85%	1.337%
45	14.512	2117	2120	2123	rVV	42469	54831	5.39%	0.455%
46	14.554	2123	2127	2130	rVV2	27334	42325	4.16%	0.351%
47	14.646	2134	2142	2146	rBV4	34990	85681	8.42%	0.710%
48	14.694	2146	2150	2154	rVV	55049	105246	10.35%	0.873%
49	14.737	2154	2157	2162	rVB2	75389	117751	11.58%	0.976%
50	14.804	2162	2168	2176	rBV3	200904	491888	48.36%	4.078%
51	14.865	2176	2178	2184	rVB3	23971	36380	3.58%	0.302%
52	14.969	2189	2195	2202	rBV	133737	209098	20.56%	1.734%
53	15.036	2203	2206	2208	rBV4	8265	11251	1.11%	0.093%
54	15.079	2208	2213	2217	rBV2	53830	107576	10.58%	0.892%
55	15.188	2225	2231	2238	rVB3	62347	140245	13.79%	1.163%
56	15.335	2250	2255	2258	rBV5	14295	30634	3.01%	0.254%
57	15.377	2259	2262	2266	rVB2	24230	34393	3.38%	0.285%
58	15.432	2266	2271	2276	rBV	63947	123187	12.11%	1.021%
59	15.511	2276	2284	2291	rVV5	45379	164441	16.17%	1.363%
60	15.566	2291	2293	2303	rVB6	24509	45126	4.44%	0.374%
61	15.670	2303	2310	2318	rBV4	29929	78246	7.69%	0.649%
62	15.743	2318	2322	2327	rBV5	8619	14742	1.45%	0.122%
63	15.835	2327	2337	2339	rBV4	24528	57863	5.69%	0.480%
64	15.877	2339	2344	2353	rVV2	91003	180449	17.74%	1.496%
65	15.963	2353	2358	2364	rVV6	13885	26988	2.65%	0.224%
66	16.042	2364	2371	2384	rVB5	21376	79705	7.84%	0.661%
67	16.194	2388	2396	2404	rBV2	63618	143709	14.13%	1.192%
68	16.389	2420	2428	2434	rBV2	37781	86572	8.51%	0.718%
69	16.456	2434	2439	2452	rVB7	25408	72027	7.08%	0.597%
70	16.664	2464	2473	2479	rBV5	20109	59083	5.81%	0.490%

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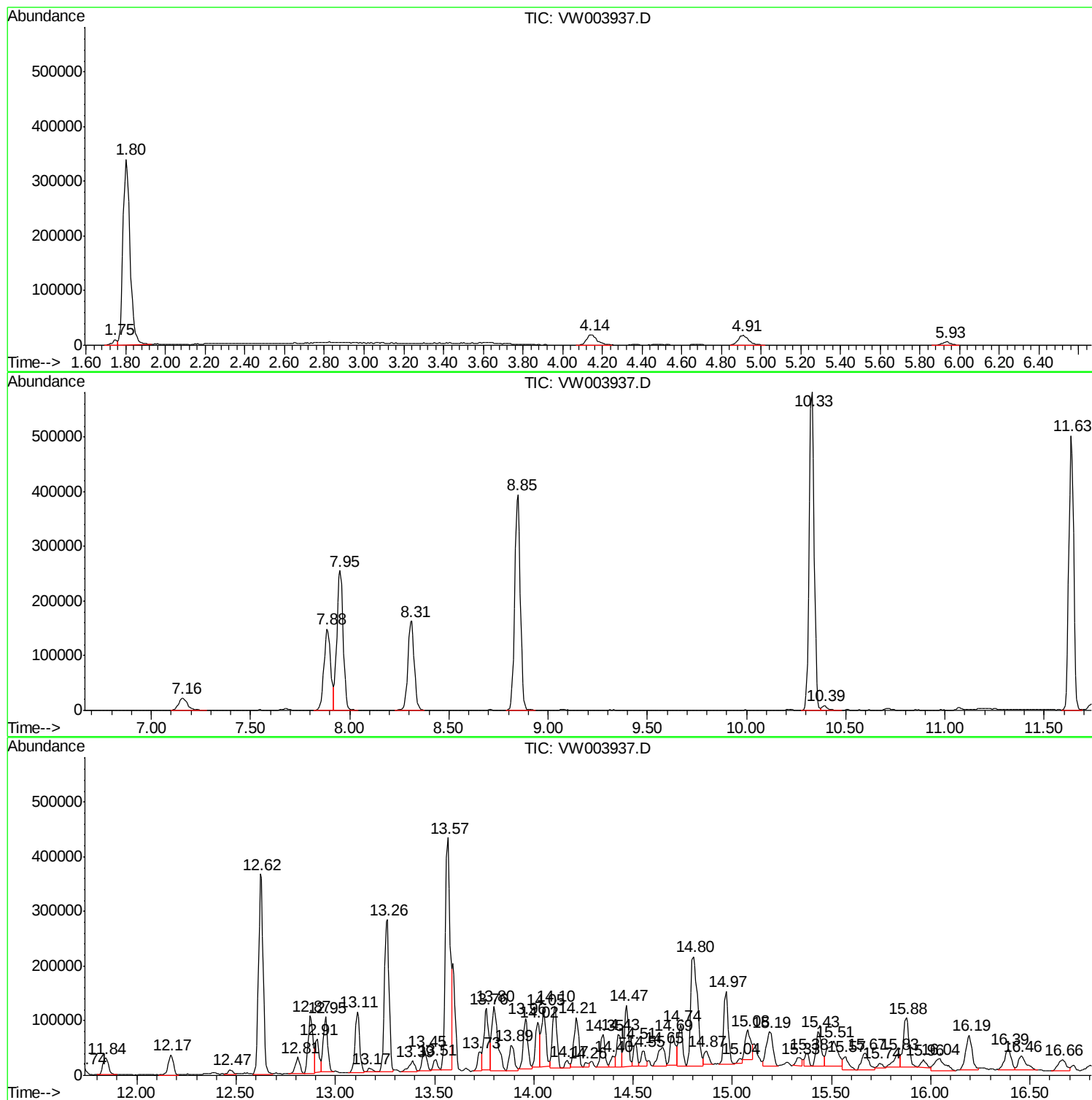
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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



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Misc : 5.98G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

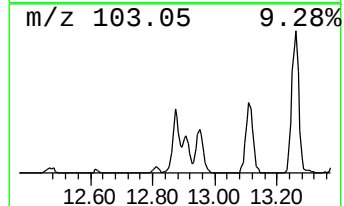
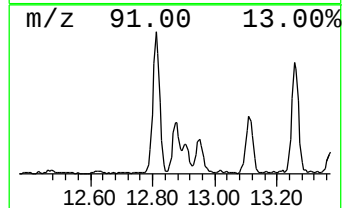
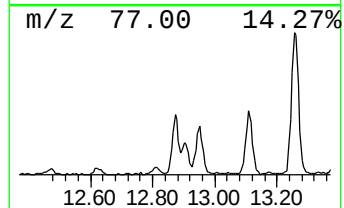
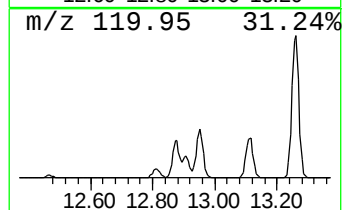
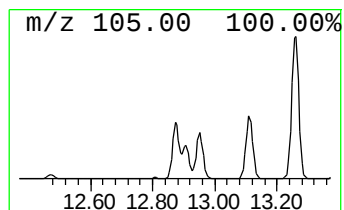
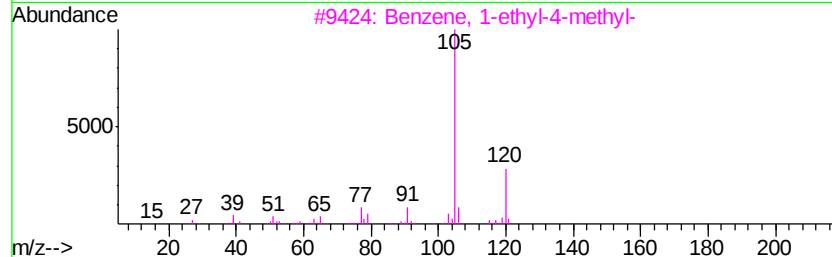
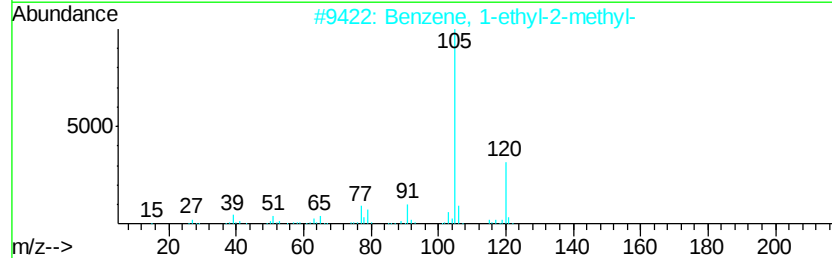
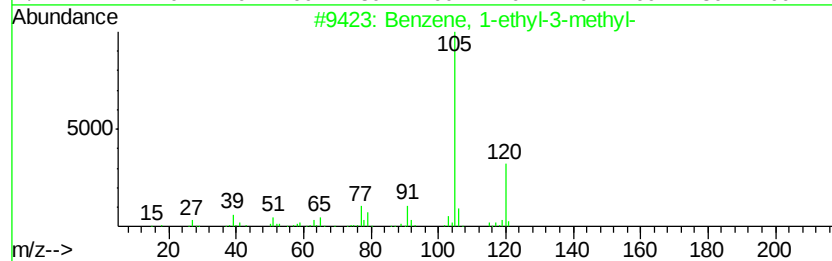
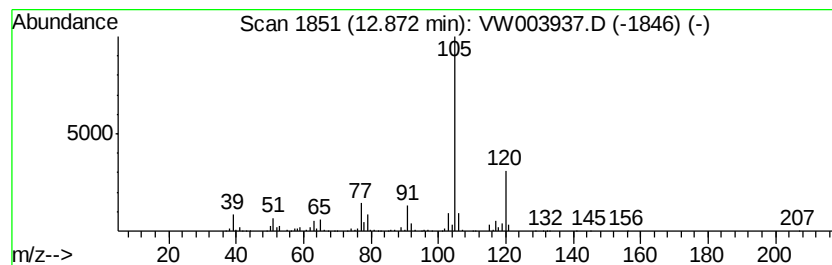
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	12.68 ug/l	182269	1,4-Dichlorobenzene-d4	13.57

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	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



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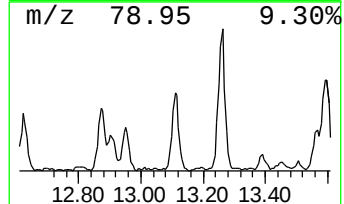
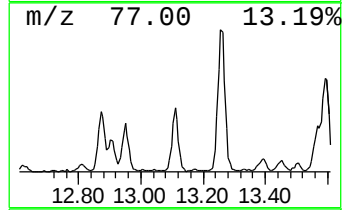
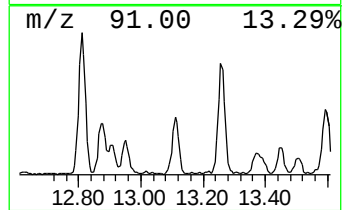
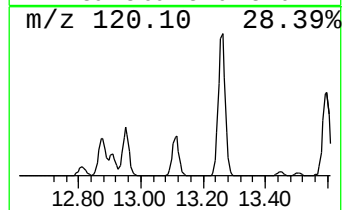
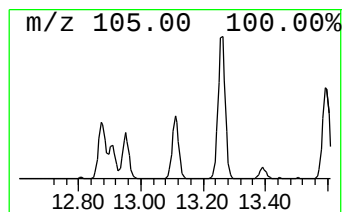
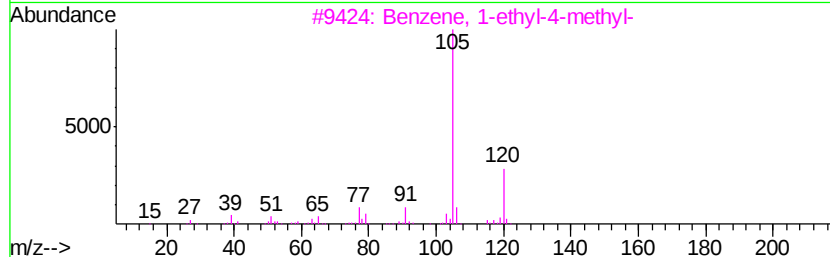
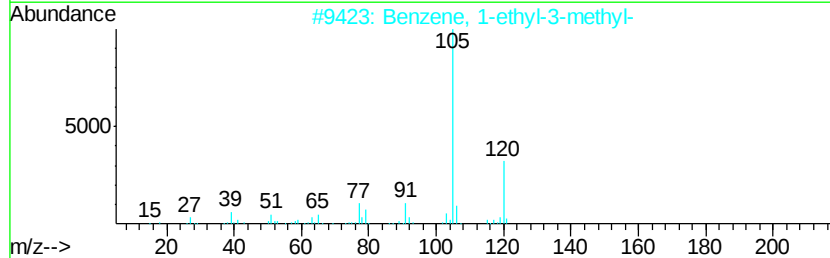
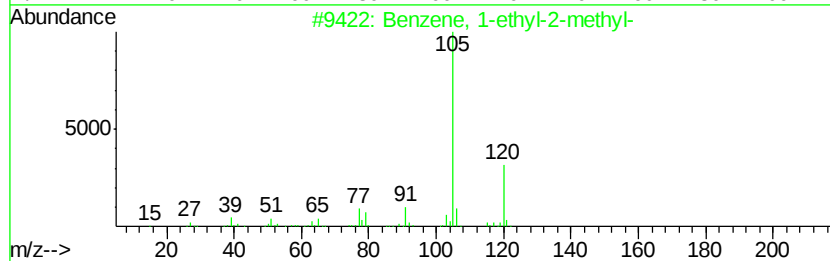
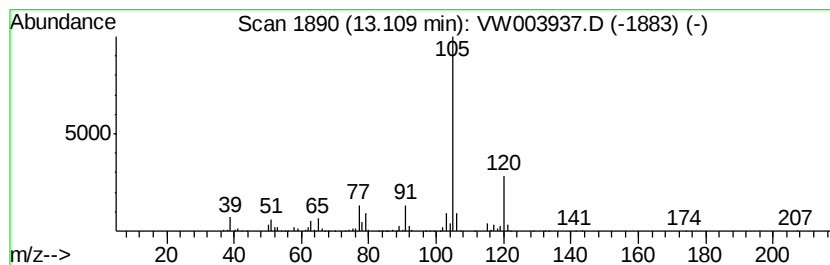
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	12.58 ug/l	180754	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	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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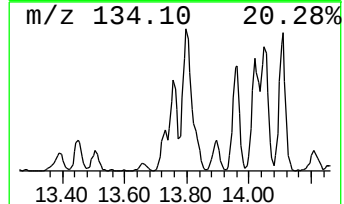
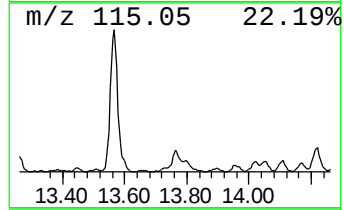
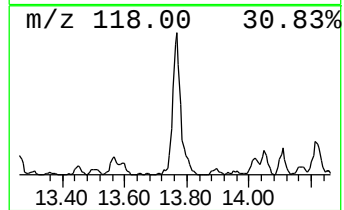
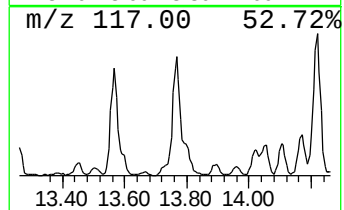
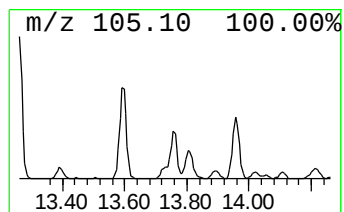
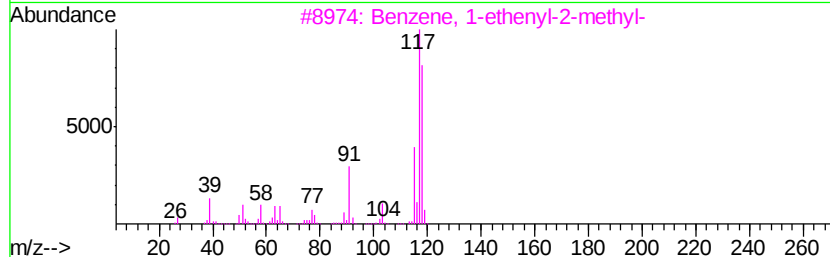
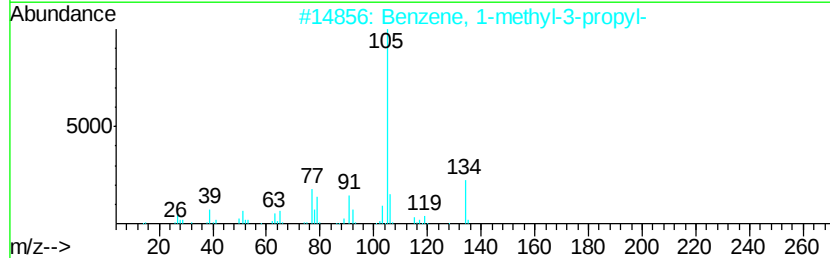
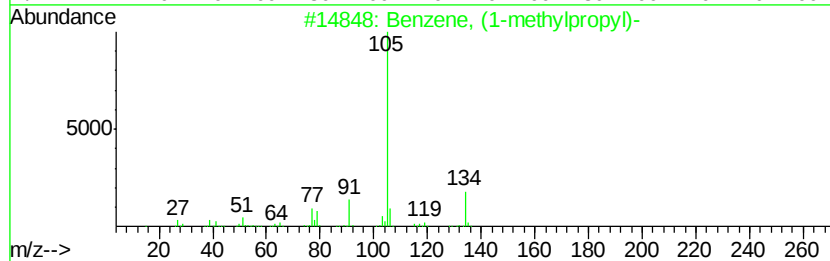
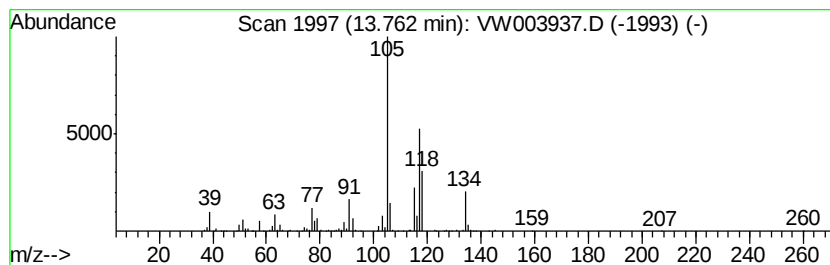
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Quant Title : SW846 8260

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

Peak Number 4 unknown13.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	13.46 ug/l	193488	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	45
4		7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	43
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	43



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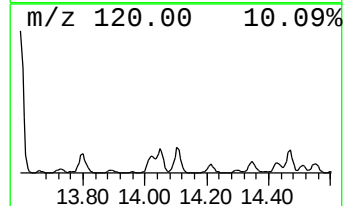
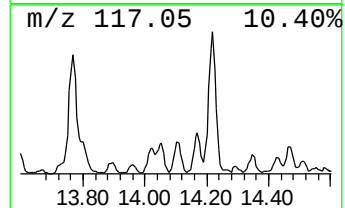
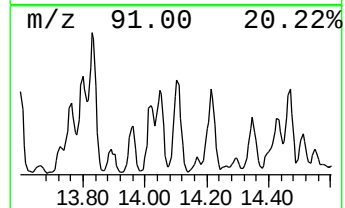
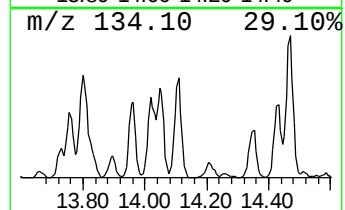
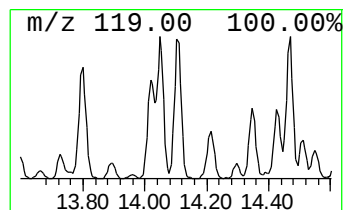
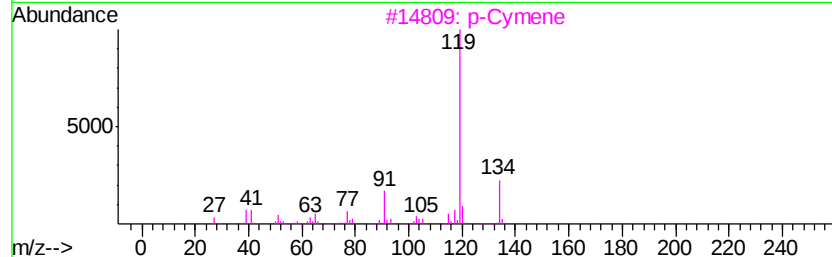
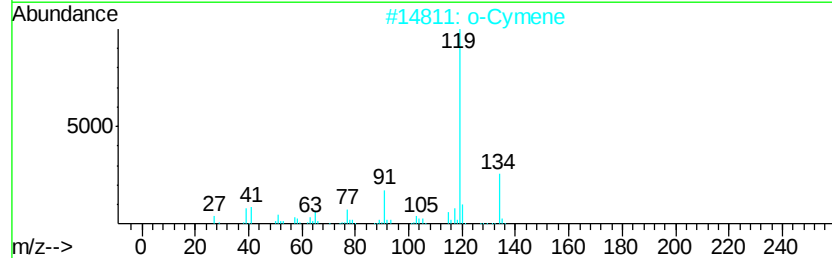
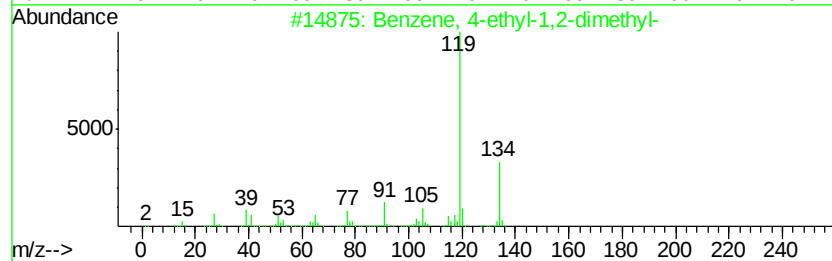
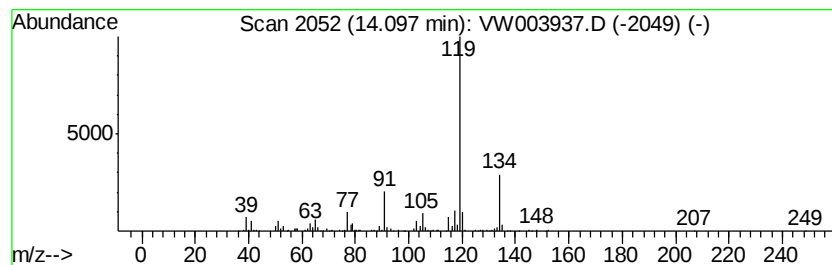
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	12.35 ug/l	177463	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95	
2	o-Cymene	134	C10H14	000527-84-4	95	
3	p-Cymene	134	C10H14	000099-87-6	94	
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93	
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003937.D
Acq On : 14 Jul 2018 00:56
Operator : VA/AP
Sample : J3821-05
Misc : 5.98G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

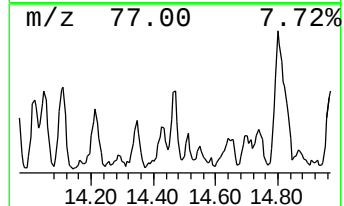
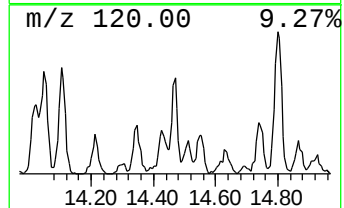
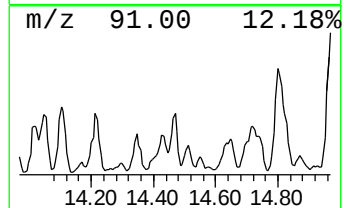
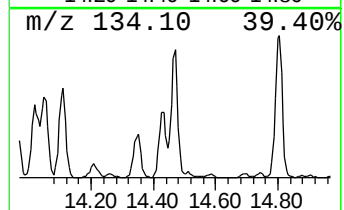
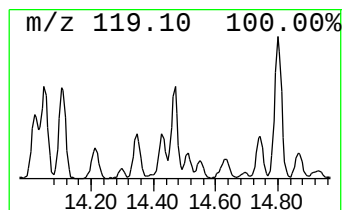
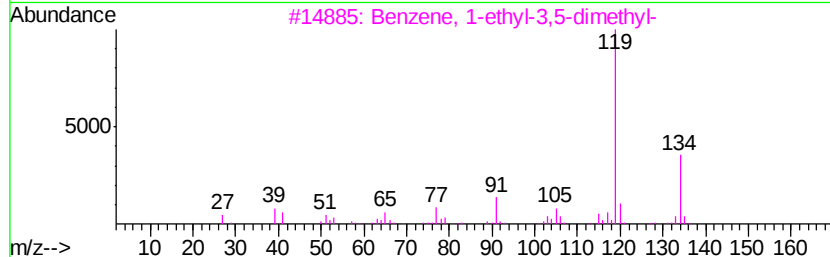
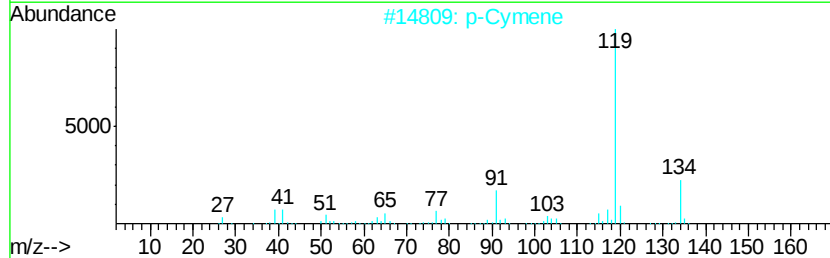
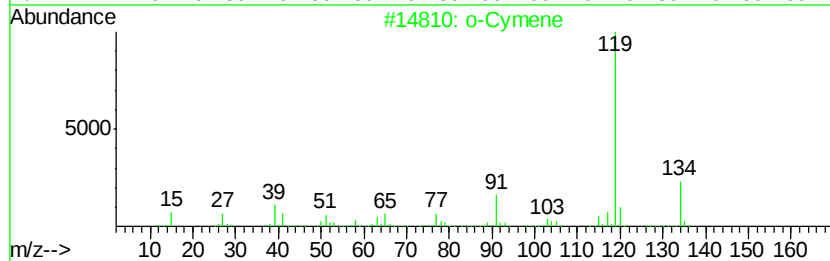
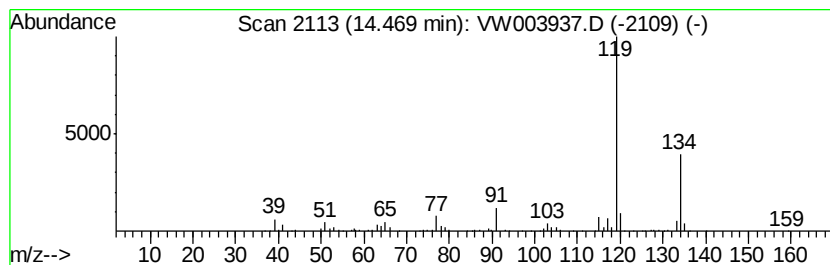
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Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	11.22 ug/l	161246	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		p-Cymene	134	C10H14	000099-87-6	95
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003937.D
Acq On : 14 Jul 2018 00:56
Operator : VA/AP
Sample : J3821-05
Misc : 5.98G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

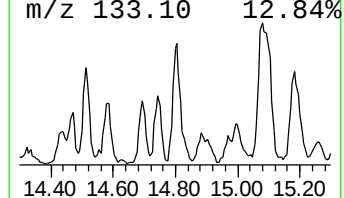
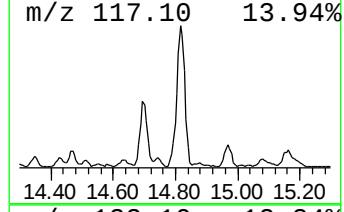
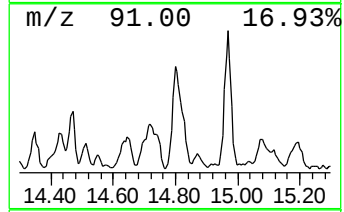
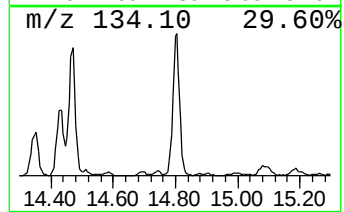
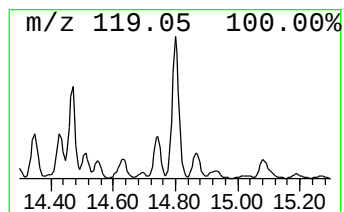
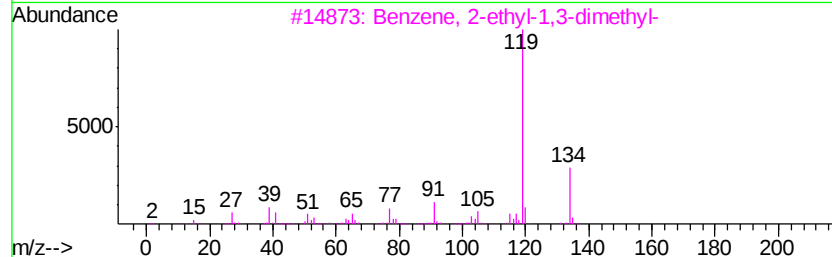
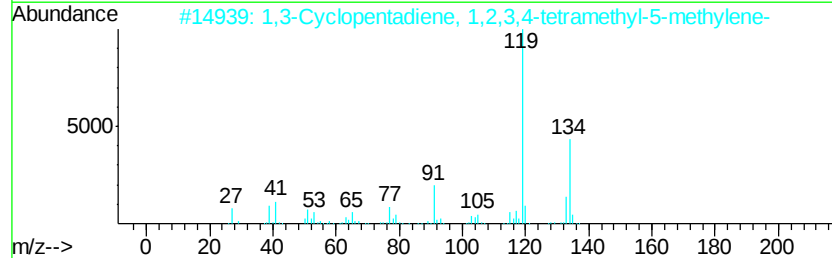
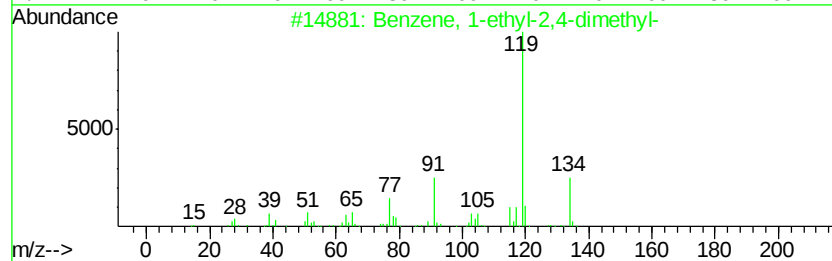
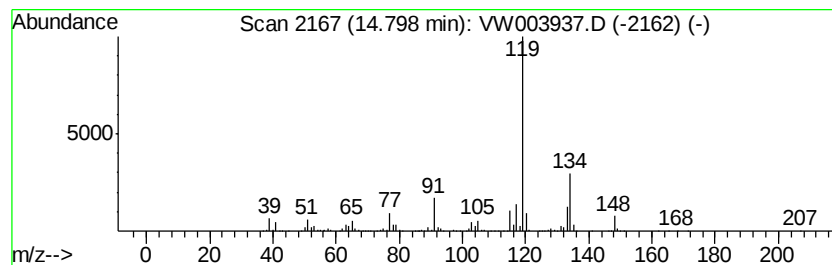
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	34.23 ug/l	491888	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5		o-Cymene	134	C10H14	000527-84-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003937.D
Acq On : 14 Jul 2018 00:56
Operator : VA/AP
Sample : J3821-05
Misc : 5.98G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

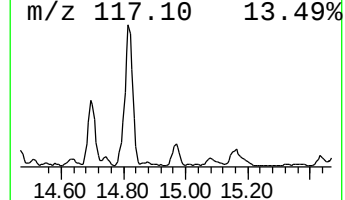
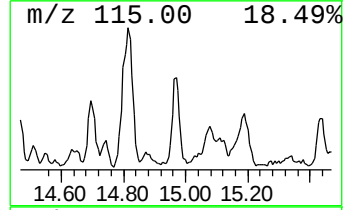
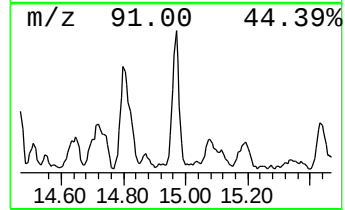
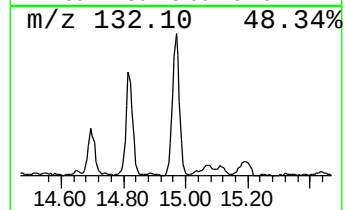
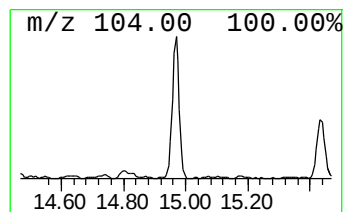
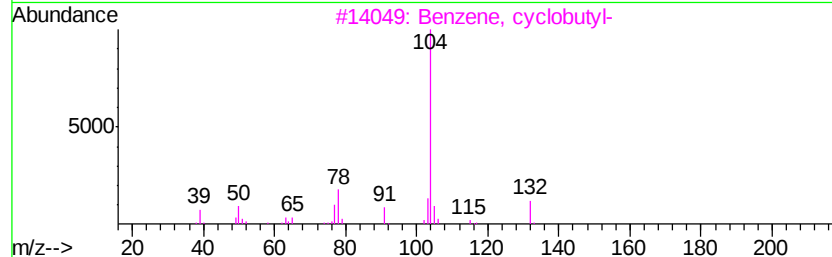
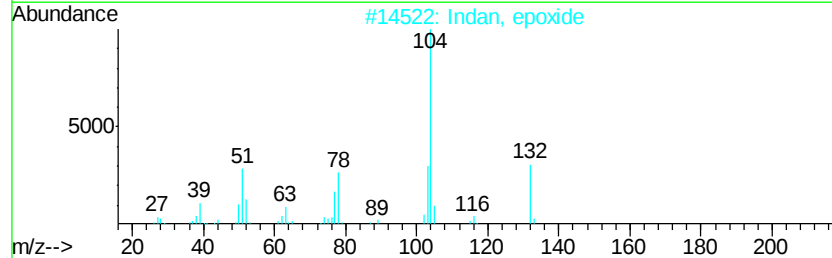
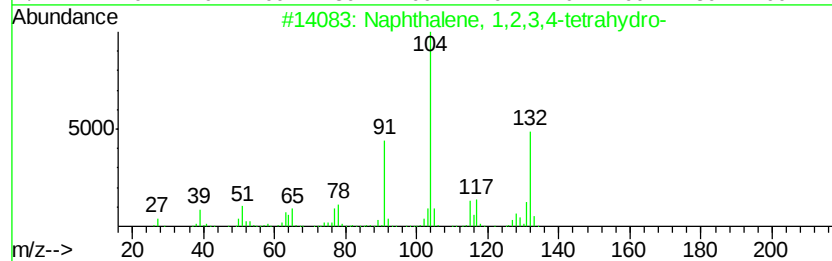
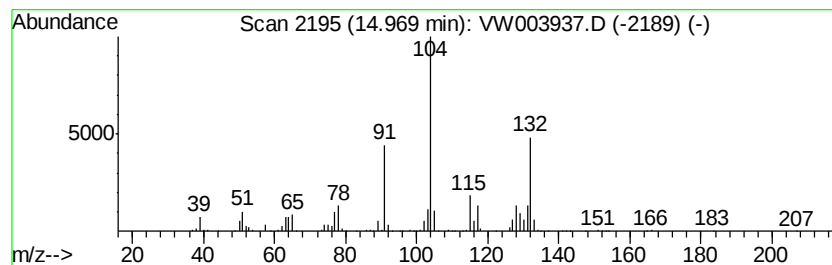
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	14.55 ug/l	209098	1,4-Dichlorobenzene-d4	13.57

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, cyclobutyl-	132	C10H12	004392-30-7	53
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003937.D
Acq On : 14 Jul 2018 00:56
Operator : VA/AP
Sample : J3821-05
Misc : 5.98G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

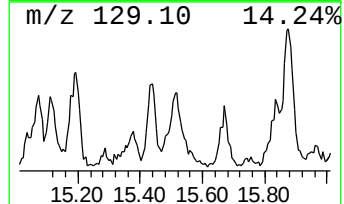
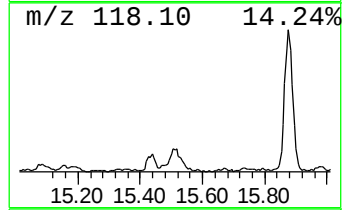
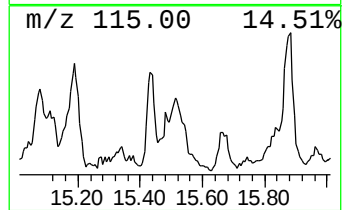
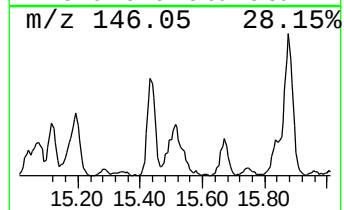
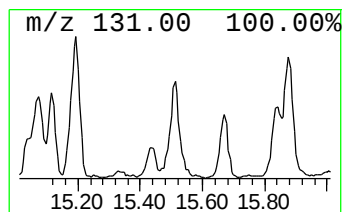
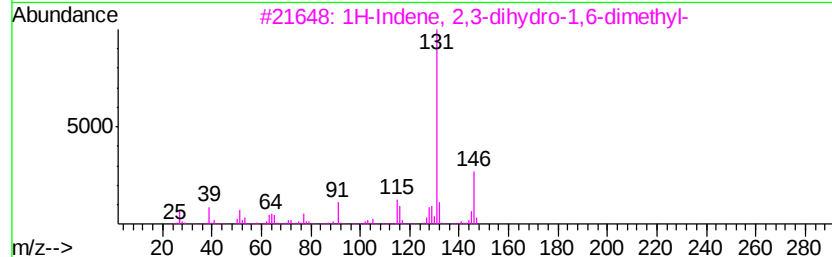
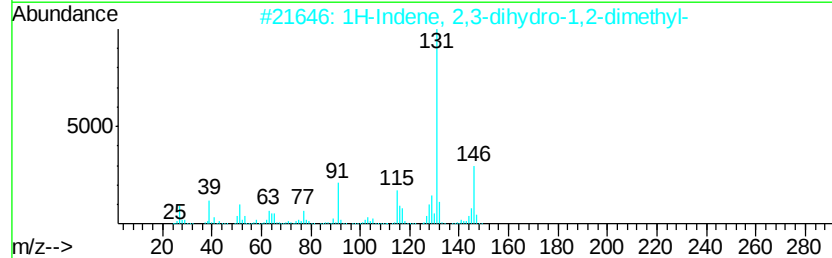
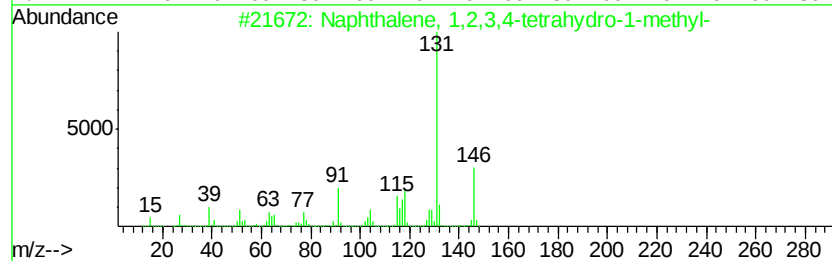
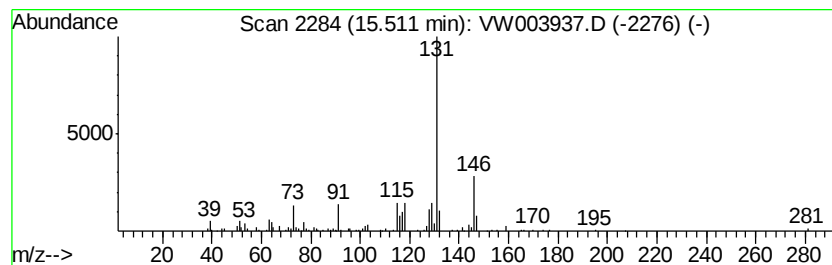
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	11.44 ug/l	164441	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003937.D
Acq On : 14 Jul 2018 00:56
Operator : VA/AP
Sample : J3821-05
Misc : 5.98G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

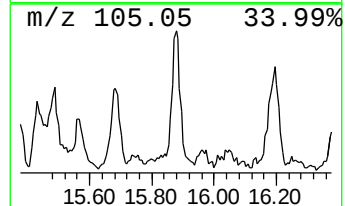
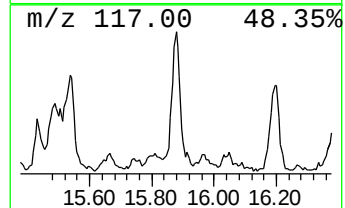
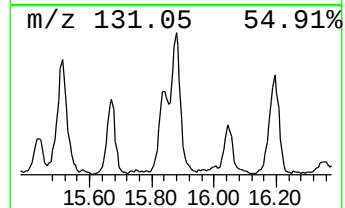
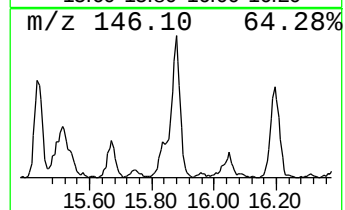
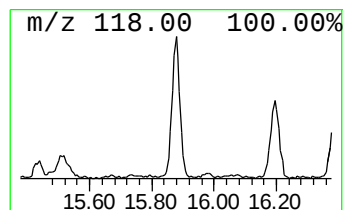
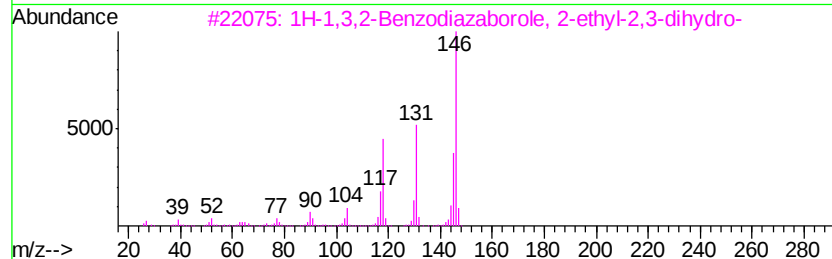
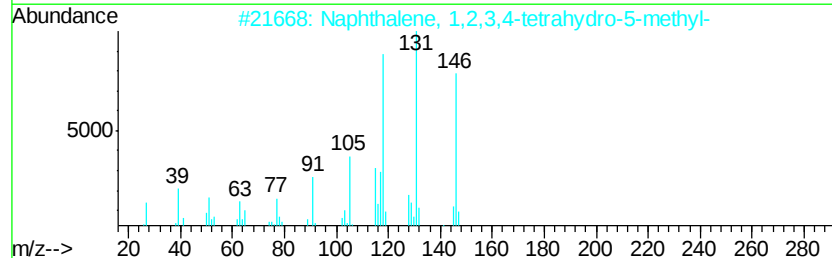
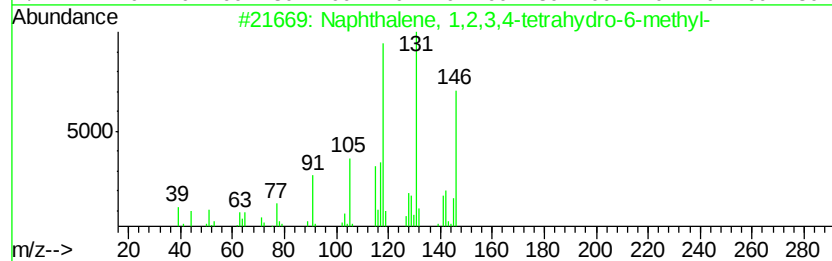
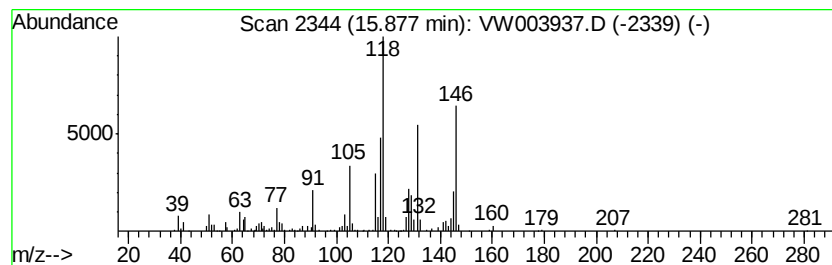
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MSVOA_W
ClientSampleId :
HR-05-071218-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	12.56 ug/l	180449	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 58
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 49
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 49
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0 43
5		2,5-Dimethylbenzyl cyanide	145 C10H11N	016213-85-7 38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071318\
Data File : VW003937.D
Acq On : 14 Jul 2018 00:56
Operator : VA/AP
Sample : J3821-05
Misc : 5.98G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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	12.7	ug/l	182269	4	13.57	718503	50.0
Benzene, 1-ethyl-...	13.11	12.6	ug/l	180754	4	13.57	718503	50.0
unknown13.76	13.76	13.5	ug/l	193488	4	13.57	718503	50.0
Benzene, 4-ethyl-...	14.10	12.4	ug/l	177463	4	13.57	718503	50.0
o-Cymene	14.47	11.2	ug/l	161246	4	13.57	718503	50.0
Benzene, 1-ethyl-...	14.80	34.2	ug/l	491888	4	13.57	718503	50.0
Naphthalene, 1,2,...	14.97	14.6	ug/l	209098	4	13.57	718503	50.0
Naphthalene, 1,2,...	15.51	11.4	ug/l	164441	4	13.57	718503	50.0
Naphthalene, 1,2,...	15.88	12.6	ug/l	180449	4	13.57	718503	50.0