

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007577.D
 Acq On : 15 Dec 2018 13:08
 Operator : SY/AP
 Sample : J6353-01
 Misc : 4.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01

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\82W121118S.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	2.160	36	42	65	rVB2	40503	90262	10.17%	0.930%
2	3.032	177	185	196	rBV	21619	57766	6.51%	0.595%
3	3.391	233	244	255	rVB3	10563	28038	3.16%	0.289%
4	3.666	280	289	298	rBV	12298	30336	3.42%	0.313%
5	3.843	309	318	331	rVB3	6712	17782	2.00%	0.183%
6	4.062	340	354	355	rBV3	6295	16918	1.91%	0.174%
7	4.111	355	362	378	rVB4	12093	45379	5.11%	0.468%
8	4.964	479	502	505	rBV2	35209	148041	16.68%	1.526%
9	5.434	566	579	598	rBV2	21081	74709	8.42%	0.770%
10	5.934	651	661	674	rBB3	20648	62518	7.04%	0.644%
11	6.110	680	690	697	rBV4	3406	10023	1.13%	0.103%
12	6.220	697	708	713	rVV4	4699	14230	1.60%	0.147%
13	6.287	714	719	729	rVB3	7195	19283	2.17%	0.199%
14	6.427	730	742	751	rBV3	3978	11268	1.27%	0.116%
15	6.726	781	791	800	rBV3	8507	24743	2.79%	0.255%
16	6.872	806	815	823	rBV2	3511	11489	1.29%	0.118%
17	6.982	823	833	842	rBV	29854	86487	9.74%	0.891%
18	7.147	852	860	874	rVB2	7809	24429	2.75%	0.252%
19	7.696	943	950	959	rVB2	13487	31905	3.59%	0.329%
20	7.884	970	981	985	rBV	61512	156187	17.60%	1.610%
21	7.952	985	992	1000	rVV2	150431	388689	43.79%	4.007%
22	8.031	1000	1005	1015	rVB3	13756	34781	3.92%	0.359%
23	8.153	1016	1025	1033	rBV2	35728	78880	8.89%	0.813%
24	8.311	1041	1051	1062	rVB2	63885	151245	17.04%	1.559%
25	8.433	1062	1071	1074	rBV5	13754	31488	3.55%	0.325%
26	8.482	1074	1079	1090	rVV2	21410	74138	8.35%	0.764%
27	8.573	1090	1094	1104	rVB3	8629	21445	2.42%	0.221%
28	8.695	1104	1114	1126	rVB3	24669	64244	7.24%	0.662%
29	8.842	1127	1138	1151	rBV	197192	430878	48.55%	4.441%
30	8.994	1158	1163	1170	rVB3	6894	13408	1.51%	0.138%
31	9.085	1170	1178	1179	rVV3	4551	9737	1.10%	0.100%
32	9.116	1179	1183	1194	rVB5	6363	15440	1.74%	0.159%
33	9.335	1206	1219	1224	rBV2	48368	120827	13.61%	1.245%
34	9.384	1224	1227	1235	rVB4	8746	16386	1.85%	0.169%

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35	9.518	1243	1249	1255	rVB4	9117	17745	2.00%	0.183%
36	9.610	1255	1264	1270	rBV7	4302	11526	1.30%	0.119%
37	9.756	1282	1288	1298	rVB3	16903	36592	4.12%	0.377%
38	9.854	1298	1304	1307	rBV	19619	36529	4.12%	0.377%
39	9.896	1307	1311	1317	rVB3	19419	34948	3.94%	0.360%
40	9.957	1317	1321	1325	rBV	12455	20408	2.30%	0.210%
41	10.098	1335	1344	1349	rBV	18132	38626	4.35%	0.398%
42	10.201	1355	1361	1367	rBV3	12357	27499	3.10%	0.283%
43	10.323	1374	1381	1386	rBV	227244	406447	45.79%	4.190%
44	10.390	1386	1392	1399	rVB	432365	748690	84.35%	7.717%
45	10.512	1404	1412	1417	rVV4	23305	52649	5.93%	0.543%
46	10.750	1445	1451	1460	rVB6	14107	38988	4.39%	0.402%
47	11.061	1496	1502	1506	rVB4	6062	10083	1.14%	0.104%
48	11.183	1518	1522	1526	rVB	8533	13512	1.52%	0.139%
49	11.414	1553	1560	1563	rBV2	9190	18790	2.12%	0.194%
50	11.512	1572	1576	1587	rBV2	8153	16984	1.91%	0.175%
51	11.634	1587	1596	1604	rVV	197899	333726	37.60%	3.440%
52	11.731	1604	1612	1620	rVV	196917	323719	36.47%	3.337%
53	11.841	1621	1630	1640	rVB	271711	527321	59.41%	5.436%
54	12.170	1674	1684	1692	rBV	512376	887563	100.00%	9.149%
55	12.469	1727	1733	1739	rBV	34531	55037	6.20%	0.567%
56	12.621	1752	1758	1768	rVB	134052	223072	25.13%	2.299%
57	12.810	1781	1789	1793	rBV	73082	111785	12.59%	1.152%
58	12.871	1793	1799	1802	rVV	217683	370328	41.72%	3.817%
59	12.902	1802	1804	1808	rVV	205764	287290	32.37%	2.961%
60	12.945	1808	1811	1819	rVB	229765	351335	39.58%	3.622%
61	13.109	1830	1838	1845	rBV	199147	343285	38.68%	3.539%
62	13.255	1855	1862	1867	rBV	100244	157986	17.80%	1.629%
63	13.304	1867	1870	1874	rVB4	6324	9155	1.03%	0.094%
64	13.377	1874	1882	1889	rBV3	5892	18692	2.11%	0.193%
65	13.444	1889	1893	1898	rVV	12413	19149	2.16%	0.197%
66	13.560	1906	1912	1914	rVV	130234	204262	23.01%	2.106%
67	13.591	1914	1917	1925	rVB	210856	330997	37.29%	3.412%
68	13.725	1933	1939	1940	rBV	23386	31023	3.50%	0.320%
69	13.761	1940	1945	1948	rVV2	119158	217069	24.46%	2.238%
70	13.792	1948	1950	1961	rVB3	70890	127942	14.41%	1.319%
71	13.883	1961	1965	1970	rBV2	7665	13682	1.54%	0.141%

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72	13.950	1971	1976	1981	rVV2	19953	33469	3.77%	0.345%
73	14.018	1982	1987	1989	rVV	21696	34905	3.93%	0.360%
74	14.042	1989	1991	1995	rVV	23995	34484	3.89%	0.355%
75	14.103	1995	2001	2006	rVV	61115	96336	10.85%	0.993%
76	14.164	2006	2011	2014	rVV	8495	12555	1.41%	0.129%
77	14.213	2014	2019	2025	rVB	29265	47513	5.35%	0.490%
78	14.341	2035	2040	2045	rBV	14054	22215	2.50%	0.229%
79	14.426	2045	2054	2057	rVV	32808	56354	6.35%	0.581%
80	14.463	2057	2060	2064	rVV	48401	68042	7.67%	0.701%
81	14.505	2064	2067	2071	rVV2	8036	13315	1.50%	0.137%
82	14.548	2071	2074	2080	rVB4	5362	9032	1.02%	0.093%
83	14.694	2094	2098	2102	rBV	17968	28377	3.20%	0.293%
84	14.737	2102	2105	2109	rVB4	7206	10946	1.23%	0.113%
85	14.810	2109	2117	2122	rBV2	39136	91845	10.35%	0.947%
86	14.969	2138	2143	2150	rVB4	10811	18920	2.13%	0.195%
87	15.072	2155	2160	2163	rBV4	10008	16118	1.82%	0.166%
88	15.182	2173	2178	2185	rVB3	11025	24441	2.75%	0.252%
89	15.340	2198	2204	2205	rBV5	6950	10902	1.23%	0.112%
90	15.371	2205	2209	2214	rVB	16505	29089	3.28%	0.300%
91	15.664	2250	2257	2262	rBV3	7234	15911	1.79%	0.164%
92	15.834	2278	2285	2287	rBV5	4884	10343	1.17%	0.107%
93	15.871	2287	2291	2300	rVB2	12594	26151	2.95%	0.270%
94	16.035	2312	2318	2323	rBV6	4690	10697	1.21%	0.110%
95	16.182	2335	2342	2349	rBV5	10379	28107	3.17%	0.290%
96	16.389	2367	2376	2381	rBV5	9154	21562	2.43%	0.222%
97	16.450	2381	2386	2394	rVV2	9615	19379	2.18%	0.200%
98	16.651	2412	2419	2427	rBV5	7283	22482	2.53%	0.232%

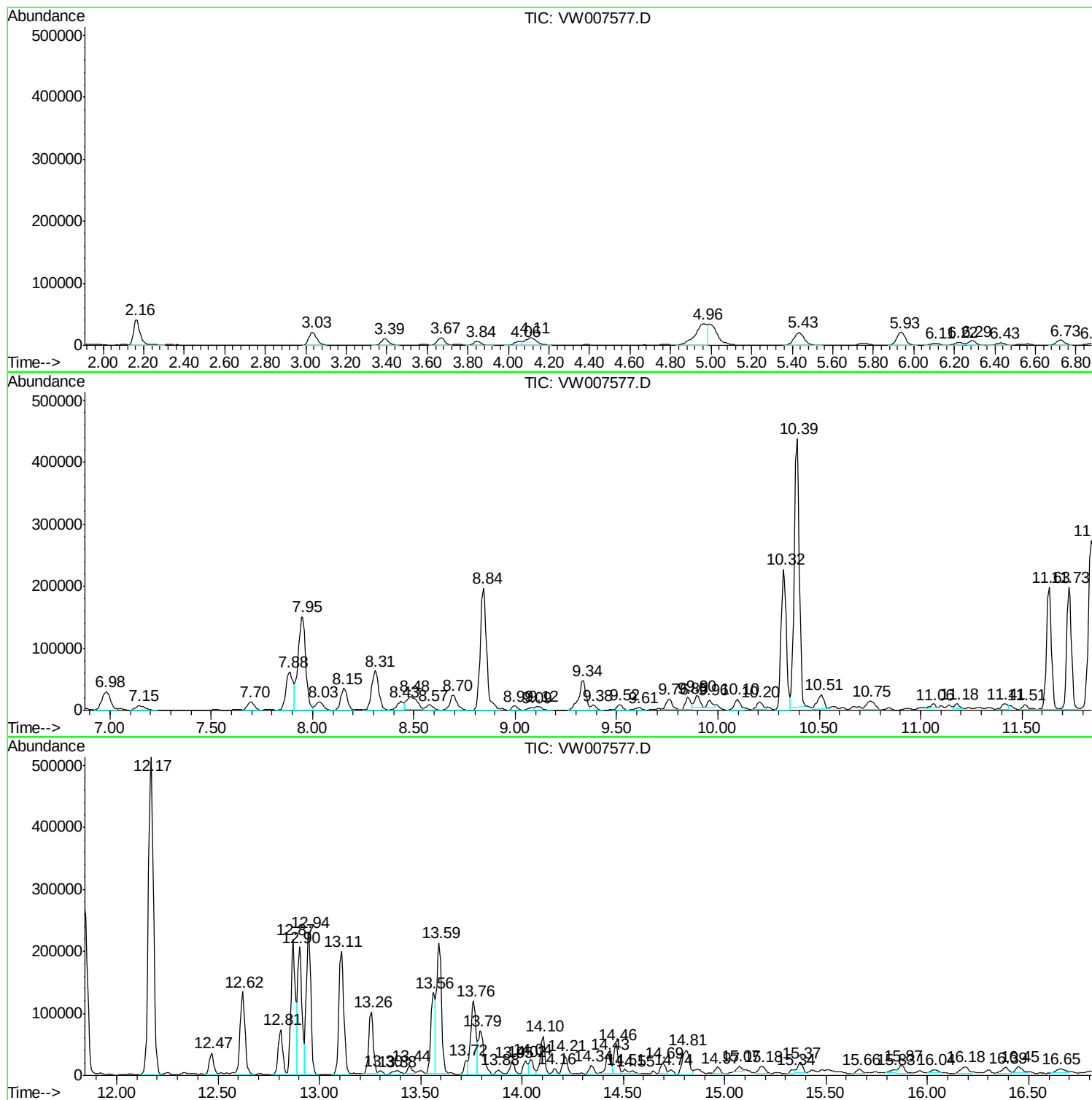
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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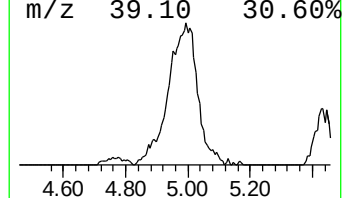
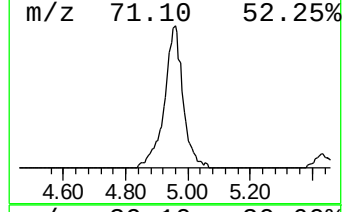
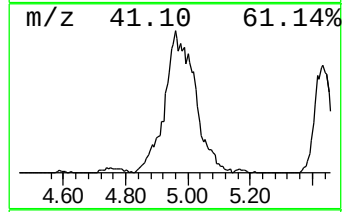
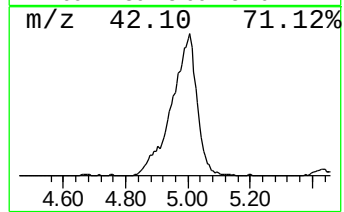
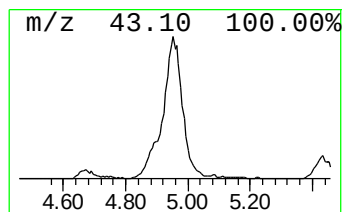
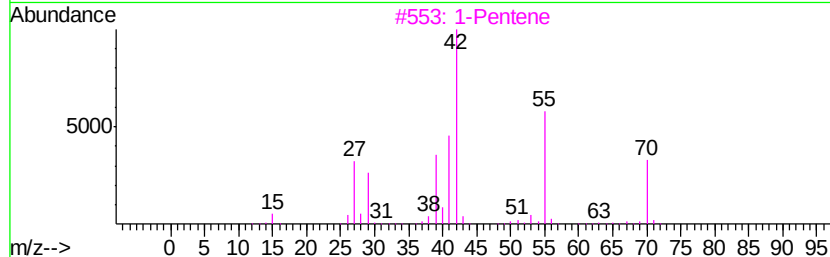
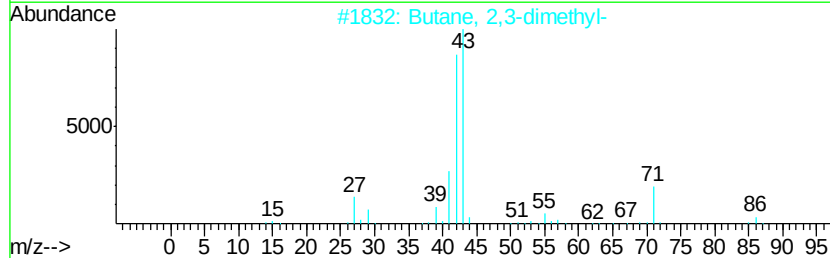
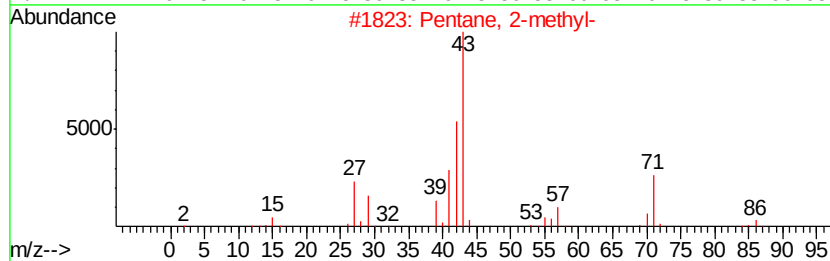
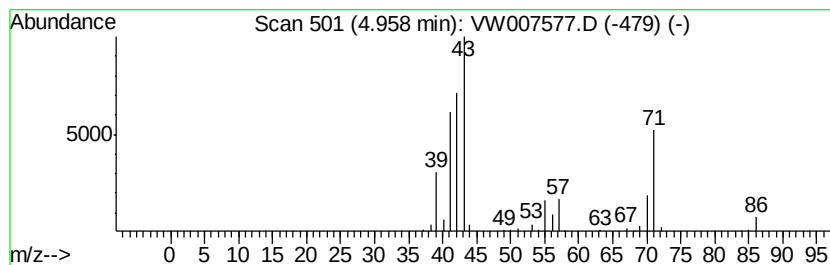
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	19.04 ug/l	148041	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
3		1-Pentene	70	C5H10	000109-67-1	37
4		Cyclopentane	70	C5H10	000287-92-3	32
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	32



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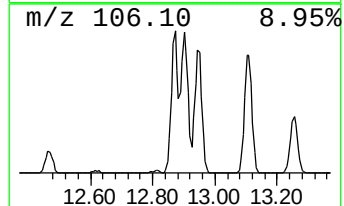
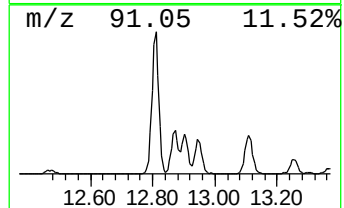
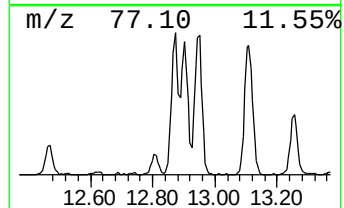
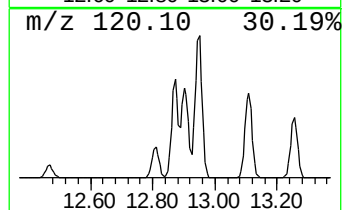
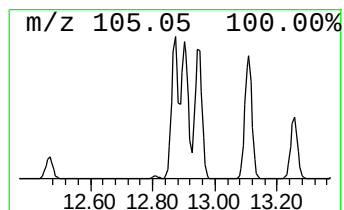
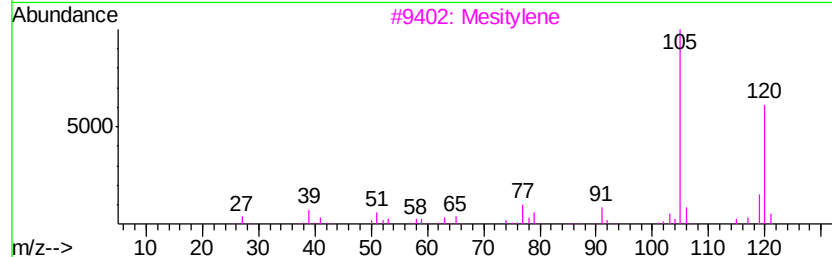
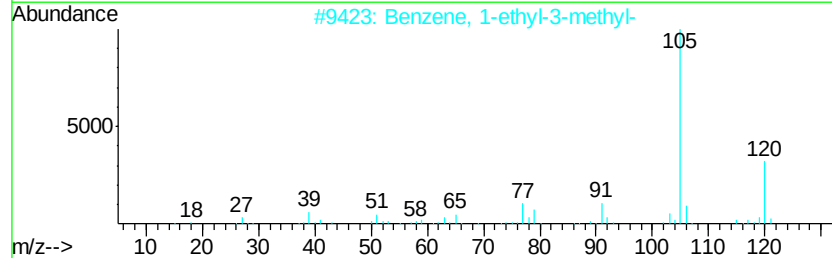
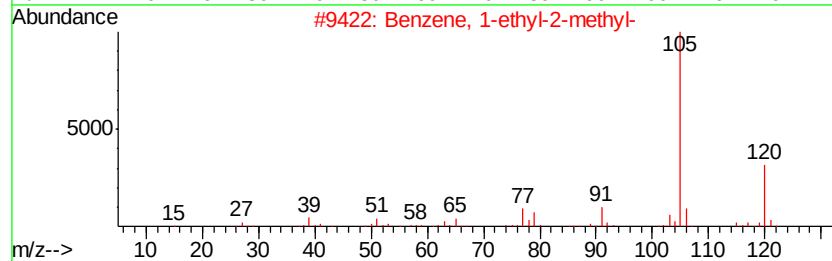
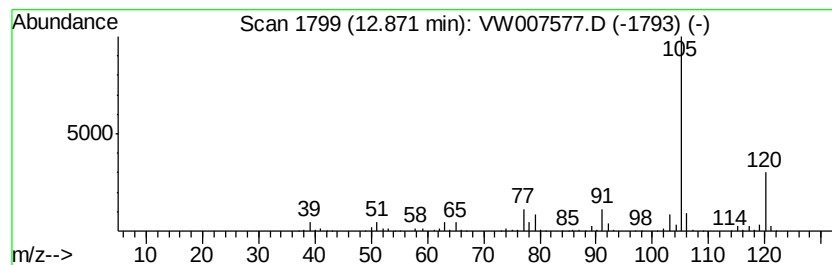
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Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	90.65 ug/l	370328	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	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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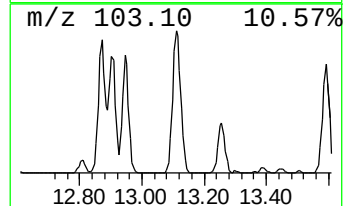
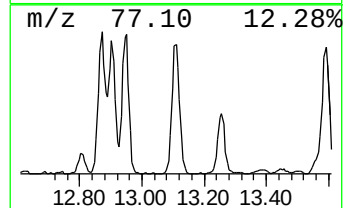
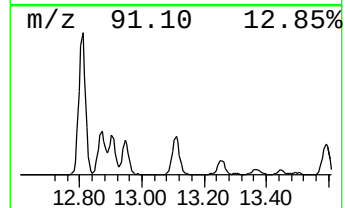
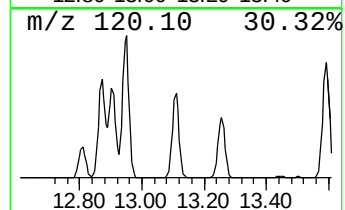
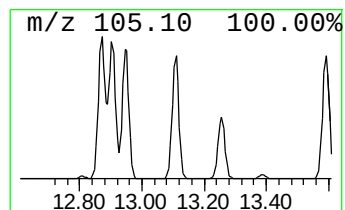
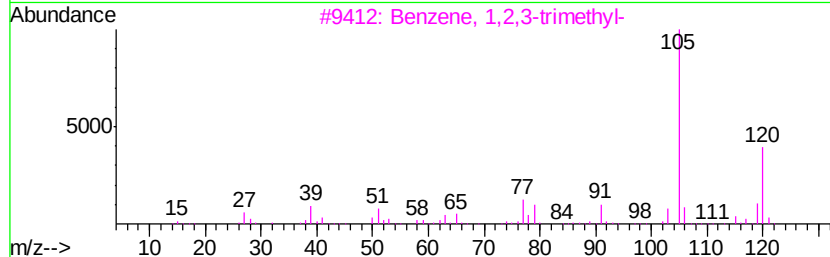
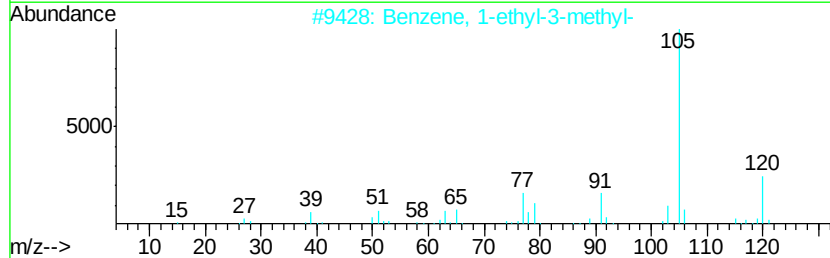
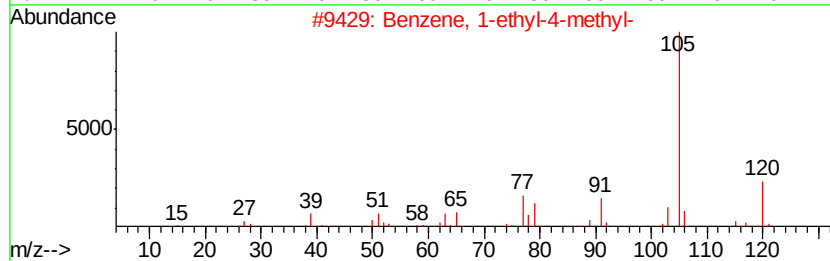
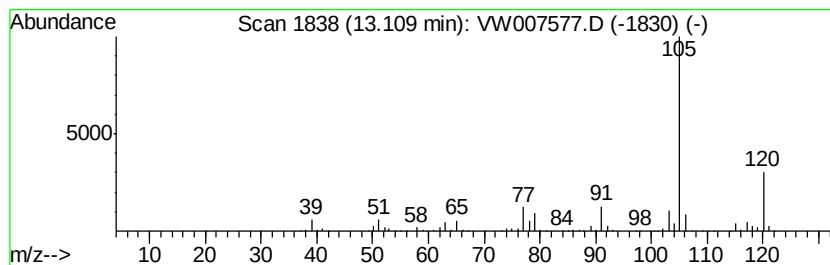
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Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	84.03 ug/l	343285	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

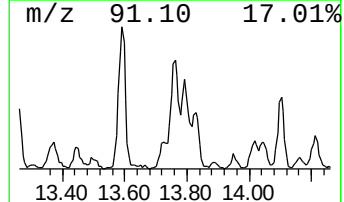
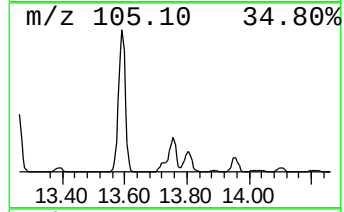
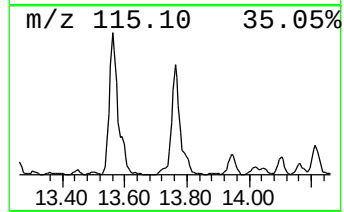
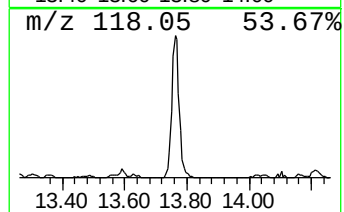
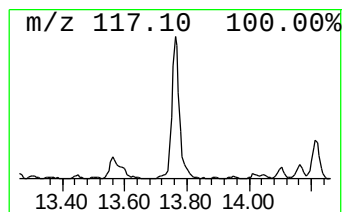
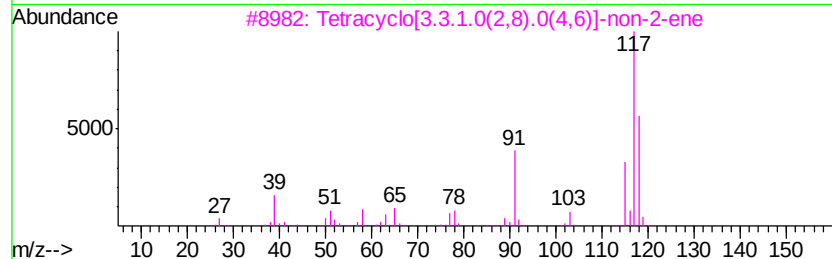
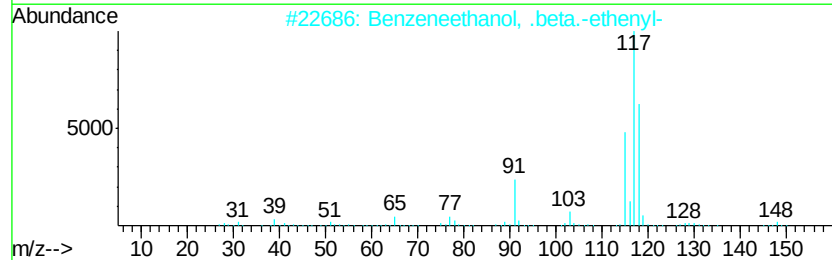
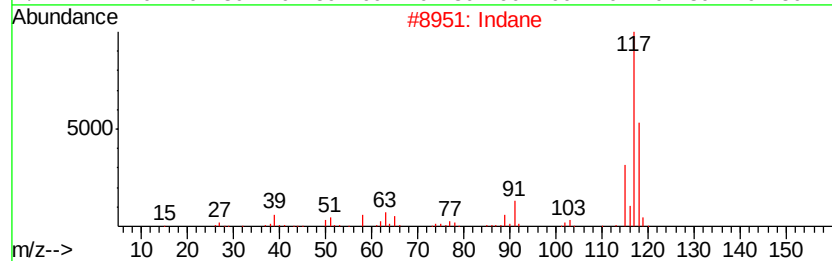
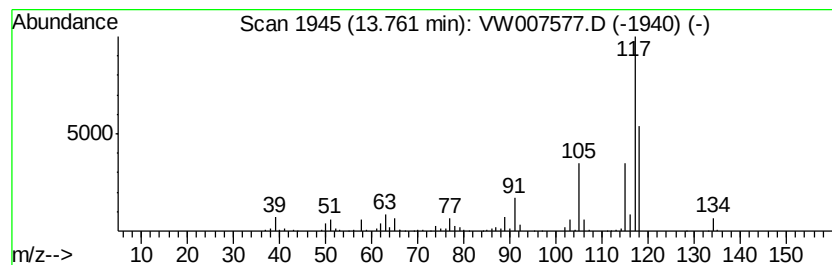
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	53.13 ug/l	217069	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 70
2	Benzeneethanol, .beta.-ethenyl-		148 C10H12O	006052-63-7 64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118 C9H10	1000191-13-7 64
4	Deltacyclene		118 C9H10	007785-10-6 58
5	Benzene, 2-propenyl-		118 C9H10	000300-57-2 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

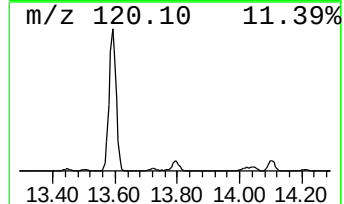
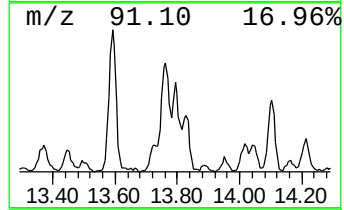
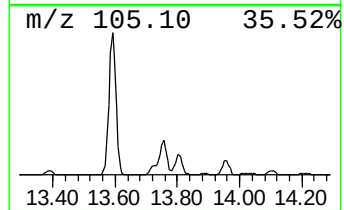
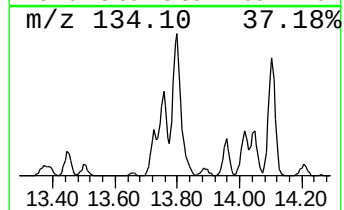
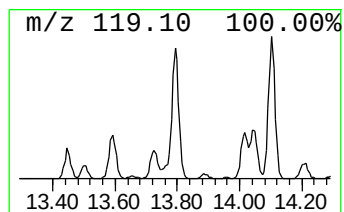
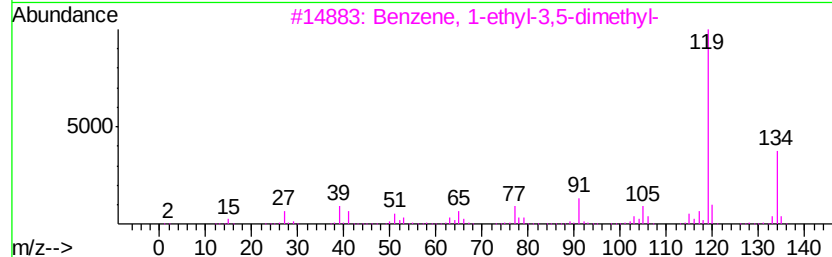
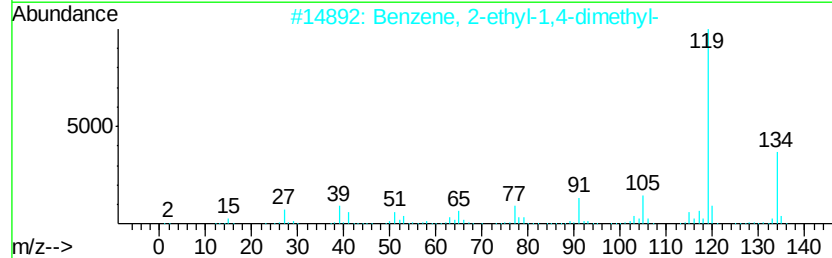
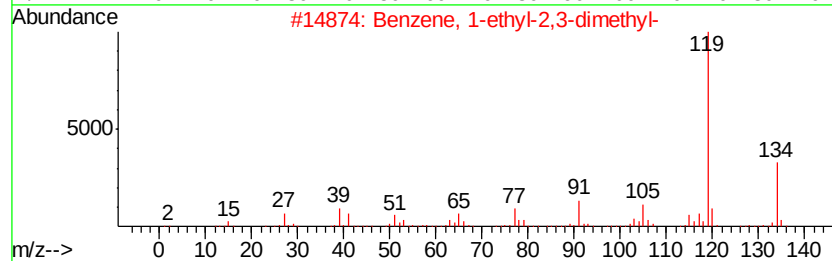
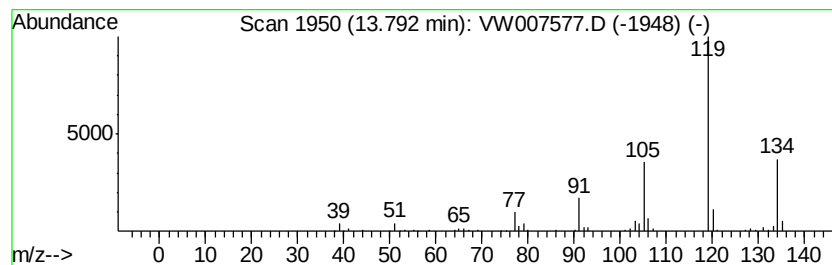
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	31.32 ug/l	127942	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	87
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
5		o-Cymene	134	C10H14	000527-84-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

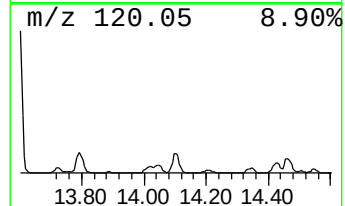
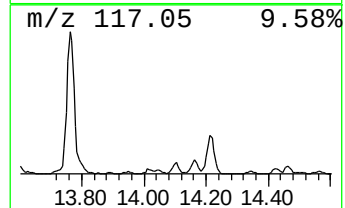
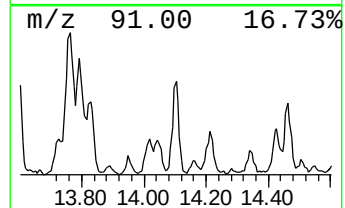
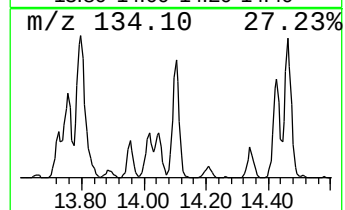
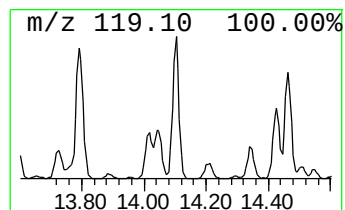
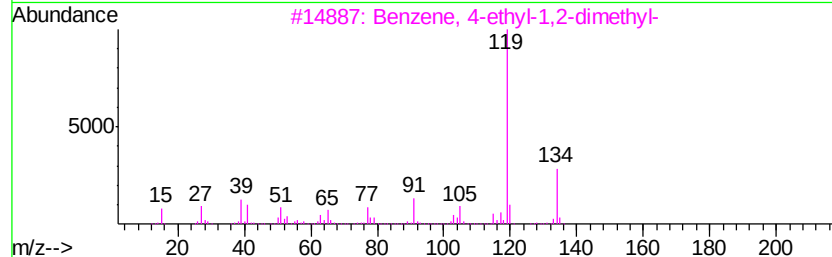
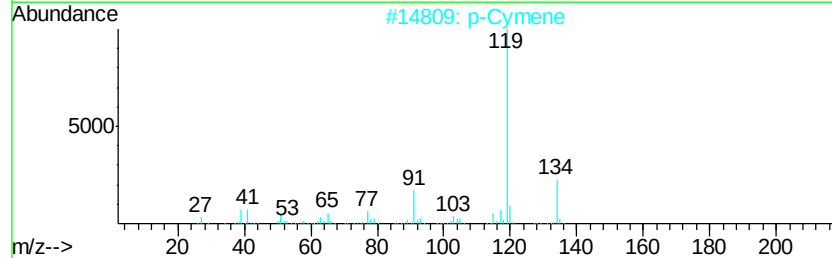
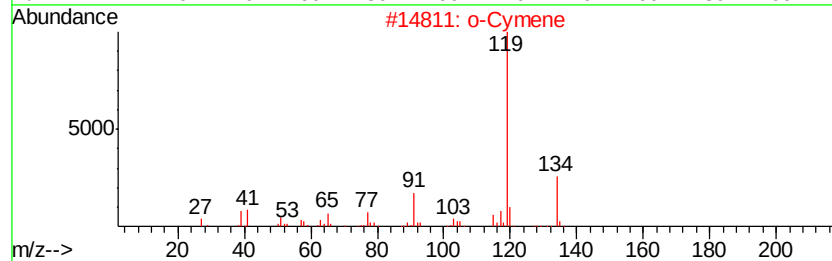
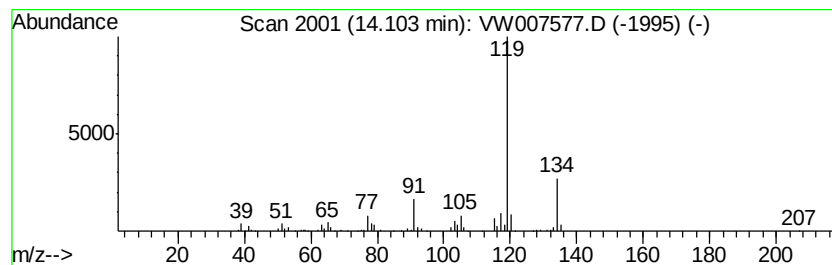
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.10	23.58 ug/l	96336	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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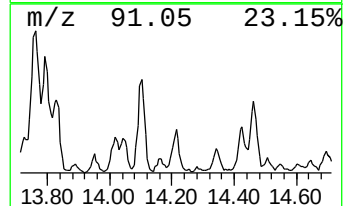
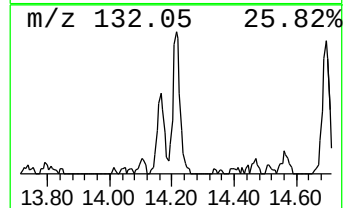
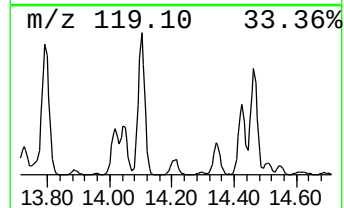
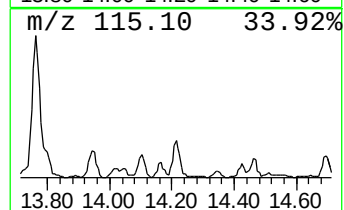
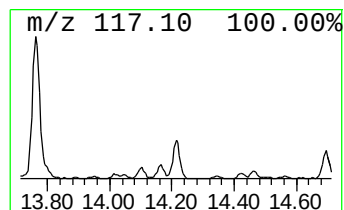
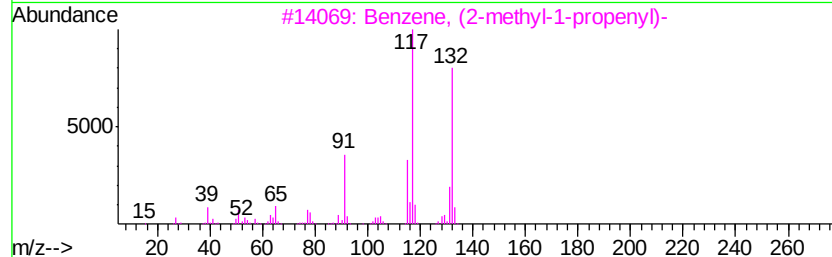
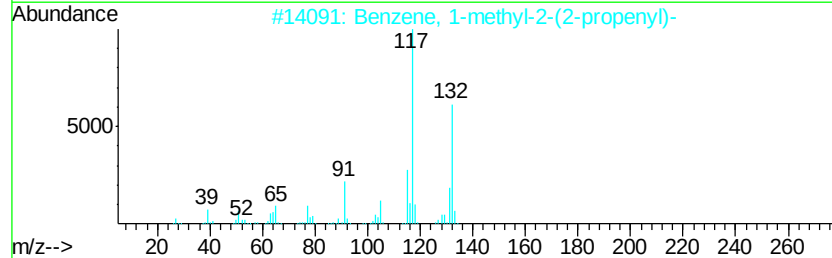
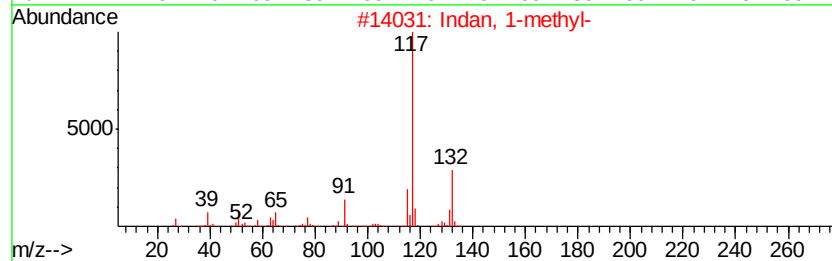
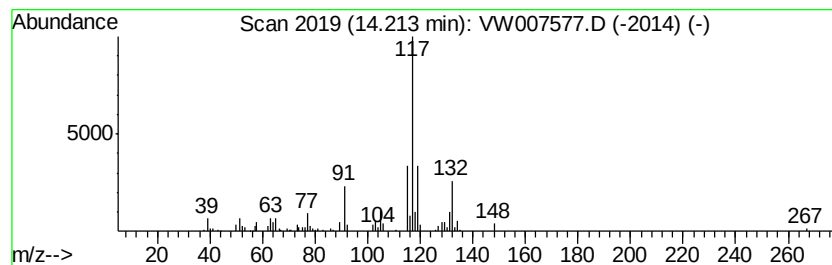
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Quant Title : SW846 8260

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

Peak Number 7 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	11.63 ug/l	47513	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

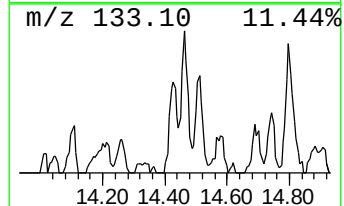
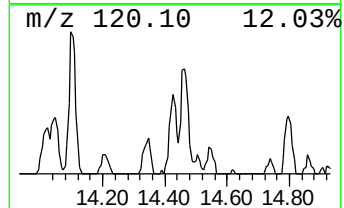
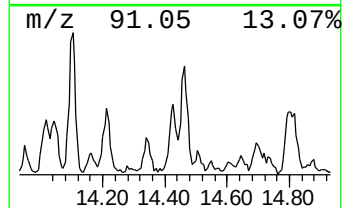
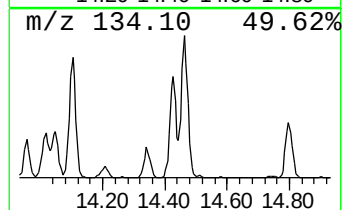
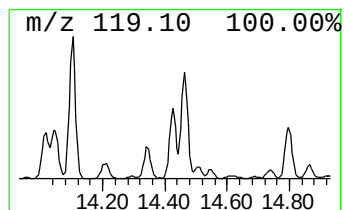
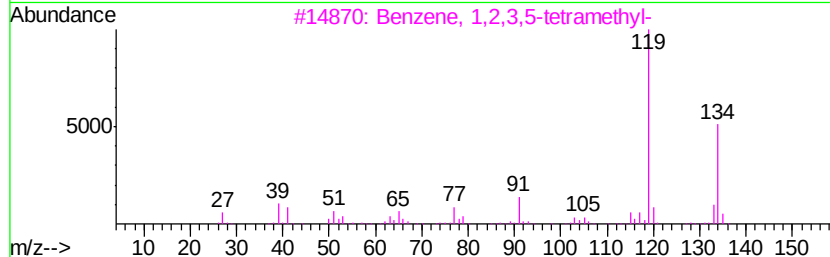
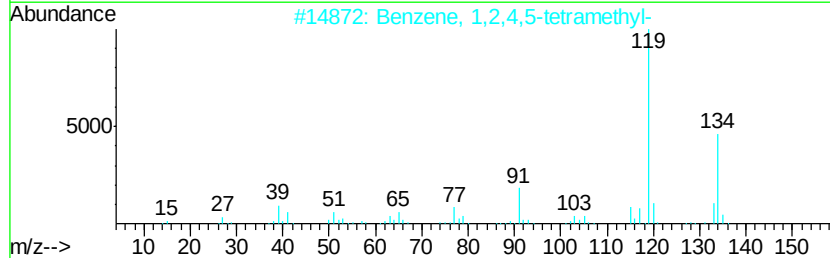
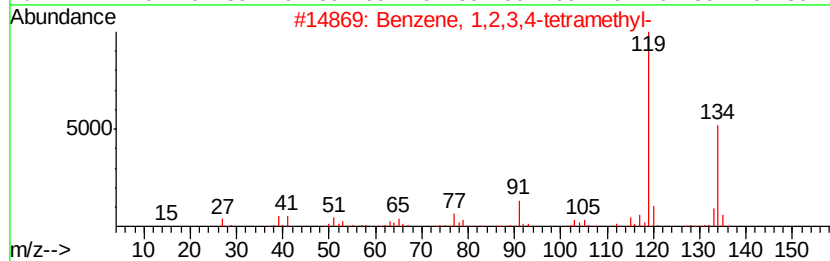
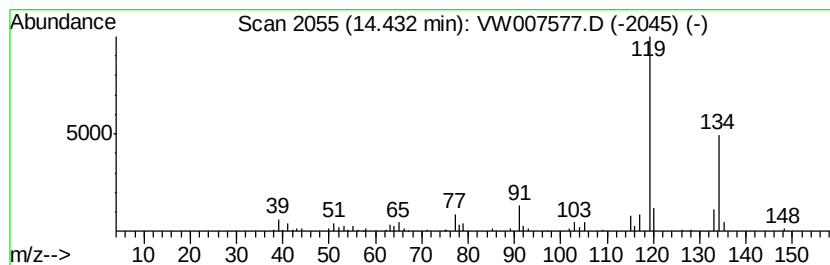
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	13.79 ug/l	56354	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

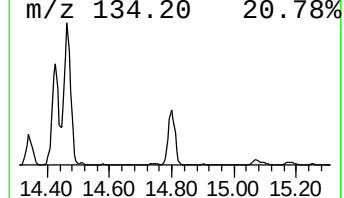
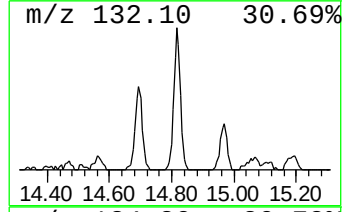
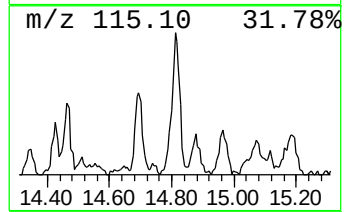
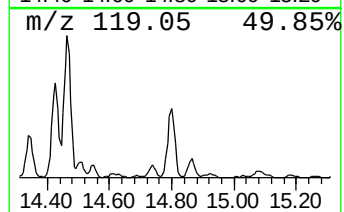
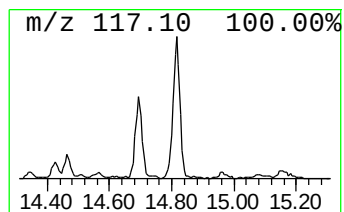
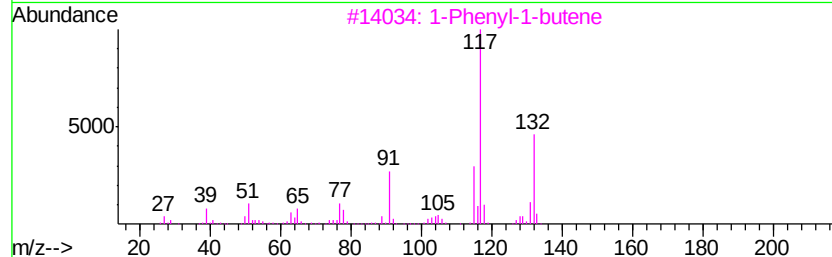
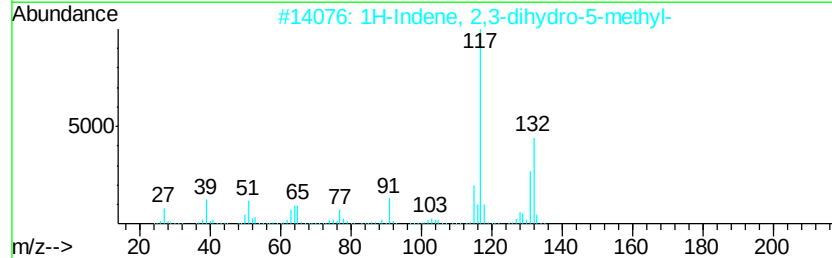
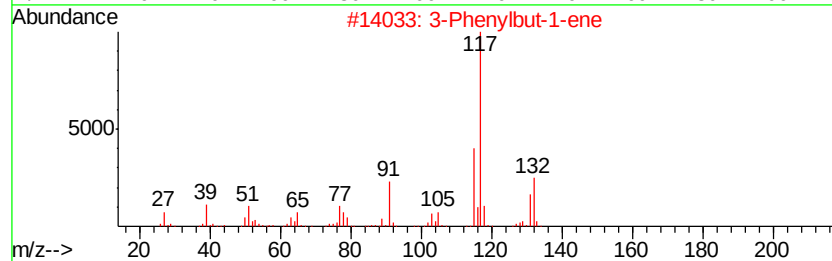
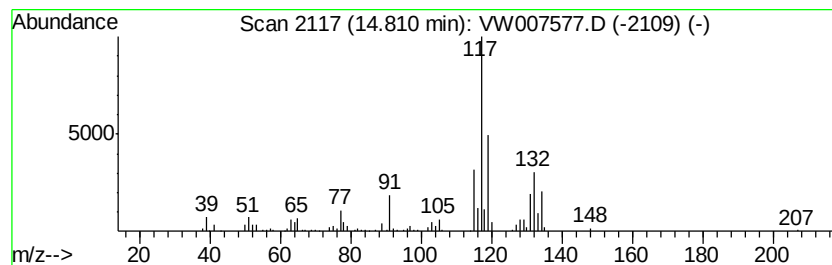
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	22.48 ug/l	91845	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007577.D
Acq On : 15 Dec 2018 13:08
Operator : SY/AP
Sample : J6353-01
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.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
Pentane, 2-methyl-	4.96	19.0	ug/l	148041	1	7.95	388689	50.0
Benzene, 1-ethyl-...	12.87	90.7	ug/l	370328	4	13.56	204262	50.0
Benzene, 1-ethyl-...	13.11	84.0	ug/l	343285	4	13.56	204262	50.0
Indane	13.76	53.1	ug/l	217069	4	13.56	204262	50.0
Benzene, 1-ethyl-...	13.79	31.3	ug/l	127942	4	13.56	204262	50.0
o-Cymene	14.10	23.6	ug/l	96336	4	13.56	204262	50.0
Indan, 1-methyl-	14.21	11.6	ug/l	47513	4	13.56	204262	50.0
Benzene, 1,2,3,4-...	14.43	13.8	ug/l	56354	4	13.56	204262	50.0
3-Phenylbut-1-ene	14.81	22.5	ug/l	91845	4	13.56	204262	50.0