

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061046.D
 Acq On : 17 Dec 2018 17:56
 Operator : VA/AP
 Sample : J6353-05
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS002-0002-01

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_F\METHODS\82F112618S.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	1.090	40	47	54	rBV4	27898	93218	13.82%	1.802%
2	1.209	58	59	61	rBV	27431	17719	2.63%	0.342%
3	1.702	105	109	110	rBV5	3529	7295	1.08%	0.141%
4	2.027	137	142	143	rBV4	5111	13932	2.07%	0.269%
5	2.195	155	159	160	rBV4	6157	10755	1.59%	0.208%
6	2.235	161	163	169	rVB6	4303	14697	2.18%	0.284%
7	2.383	175	178	182	rBV4	4083	9043	1.34%	0.175%
8	2.955	231	236	237	rBV4	3900	10619	1.57%	0.205%
9	3.073	246	248	256	rVB	7763	16511	2.45%	0.319%
10	3.764	310	318	325	rVB5	4446	19273	2.86%	0.372%
11	4.040	338	346	350	rBV5	9188	32603	4.83%	0.630%
12	4.138	350	356	364	rVB	91496	273360	40.52%	5.283%
13	4.878	422	431	446	rBV3	188791	674603	100.00%	13.038%
14	5.470	485	491	497	rBV8	4771	17353	2.57%	0.335%
15	5.618	499	506	516	rBV	221145	597189	88.52%	11.542%
16	5.746	516	519	525	rVB7	3227	9318	1.38%	0.180%
17	5.983	537	543	548	rBV7	2190	7919	1.17%	0.153%
18	6.279	566	573	578	rBV3	5235	18166	2.69%	0.351%
19	6.466	585	592	595	rBV5	5603	18343	2.72%	0.355%
20	6.831	622	629	633	rBV4	4404	14725	2.18%	0.285%
21	7.048	646	651	656	rBV4	3050	8695	1.29%	0.168%
22	7.147	658	661	666	rVB3	3026	8448	1.25%	0.163%
23	7.285	669	675	680	rBV3	8909	26136	3.87%	0.505%
24	7.492	692	696	699	rBV5	4307	10373	1.54%	0.200%
25	7.571	699	704	710	rBV	276993	642722	95.27%	12.422%
26	8.242	769	772	774	rVV3	3908	9686	1.44%	0.187%
27	8.281	774	776	783	rVV5	2779	9135	1.35%	0.177%
28	8.469	792	795	798	rVV4	4760	11678	1.73%	0.226%
29	8.646	805	813	816	rBV4	3056	10719	1.59%	0.207%
30	8.784	822	827	832	rVB4	13073	30735	4.56%	0.594%
31	9.130	858	862	866	rVB5	3435	9377	1.39%	0.181%
32	9.534	898	903	907	rBV4	3379	9876	1.46%	0.191%
33	9.653	912	915	920	rVV6	4554	14976	2.22%	0.289%
34	9.791	924	929	937	rVV	251166	560862	83.14%	10.840%

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35	9.919	938	942	947	rVV3	12546	29793	4.42%	0.576%
36	10.146	962	965	969	rVB	22483	46738	6.93%	0.903%
37	10.678	1016	1019	1021	rBV3	5766	12075	1.79%	0.233%
38	10.728	1021	1024	1028	rVB2	21035	41293	6.12%	0.798%
39	10.797	1028	1031	1036	rBV4	11323	24794	3.68%	0.479%
40	11.132	1060	1065	1071	rVB4	7723	21536	3.19%	0.416%
41	11.231	1071	1075	1079	rBV	19309	39074	5.79%	0.755%
42	11.428	1091	1095	1100	rBV	219641	388685	57.62%	7.512%
43	11.576	1105	1110	1111	rVV4	7755	15700	2.33%	0.303%
44	11.606	1111	1113	1117	rVV	7161	12497	1.85%	0.242%
45	11.734	1121	1126	1130	rVB	47446	103121	15.29%	1.993%
46	11.833	1134	1136	1140	rVB	34729	56182	8.33%	1.086%
47	12.030	1151	1156	1159	rBV	29566	53014	7.86%	1.025%
48	12.089	1159	1162	1166	rVB	32977	50993	7.56%	0.986%
49	12.158	1166	1169	1172	rBV4	3474	8421	1.25%	0.163%
50	12.217	1172	1175	1178	rVB	34155	49945	7.40%	0.965%
51	12.296	1179	1183	1190	rVB3	29922	57554	8.53%	1.112%
52	12.395	1190	1193	1195	rBV3	3744	7413	1.10%	0.143%
53	12.474	1195	1201	1203	rVB	14208	25857	3.83%	0.500%
54	12.523	1203	1206	1207	rBV2	4901	7897	1.17%	0.153%
55	12.563	1207	1210	1214	rVV	326420	478955	71.00%	9.257%
56	12.622	1214	1216	1219	rVB	34469	48690	7.22%	0.941%
57	12.730	1224	1227	1230	rBV2	13779	28555	4.23%	0.552%
58	12.780	1230	1232	1234	rVV	12141	21556	3.20%	0.417%
59	12.839	1234	1238	1244	rVB4	15847	38185	5.66%	0.738%
60	13.016	1254	1256	1260	rVB3	9295	17613	2.61%	0.340%
61	13.085	1260	1263	1268	rBV3	9952	29032	4.30%	0.561%
62	13.164	1268	1271	1276	rVV	14525	22898	3.39%	0.443%
63	13.401	1293	1295	1297	rBV	20049	19301	2.86%	0.373%
64	13.509	1303	1306	1308	rBV	7816	9585	1.42%	0.185%
65	13.549	1308	1310	1313	rVV	15365	19642	2.91%	0.380%
66	13.717	1325	1327	1332	rVB6	10276	14775	2.19%	0.286%
67	13.865	1339	1342	1346	rBV3	13483	23615	3.50%	0.456%
68	13.973	1351	1353	1357	rVB4	7383	14674	2.18%	0.284%
69	14.091	1363	1365	1368	rVB3	4327	7301	1.08%	0.141%
70	14.161	1368	1372	1375	rBV5	3941	8156	1.21%	0.158%
71	14.466	1400	1403	1406	rBV	21052	33263	4.93%	0.643%

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Integrator: RTE
Smoothing : ON Filtering: 5
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72	14.644	1415	1421	1422	rBV5	5195	13889	2.06%	0.268%
73	14.752	1429	1432	1436	rVB5	6149	13839	2.05%	0.267%
74	15.295	1484	1487	1491	rBV5	5543	10066	1.49%	0.195%
75	15.423	1498	1500	1503	rVB3	5183	7799	1.16%	0.151%

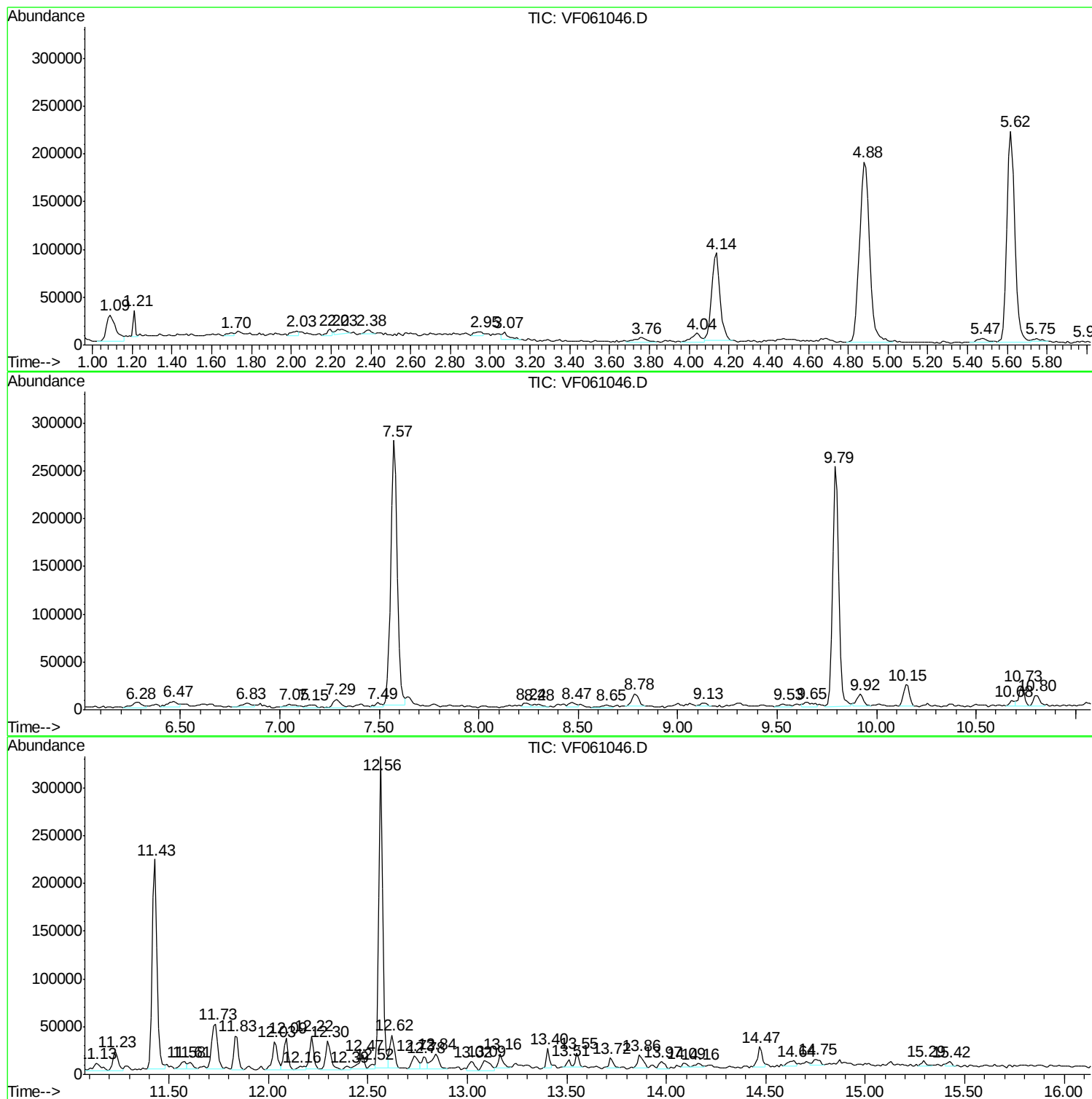
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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



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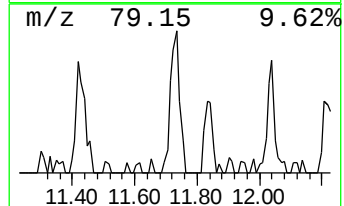
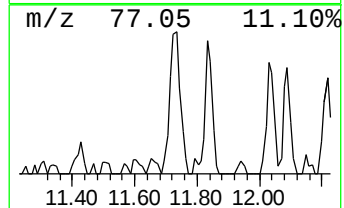
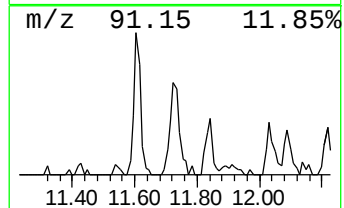
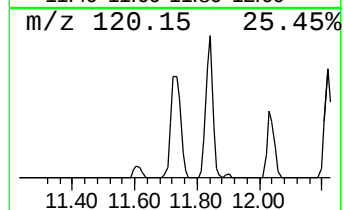
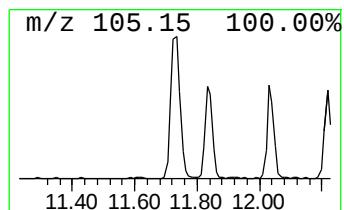
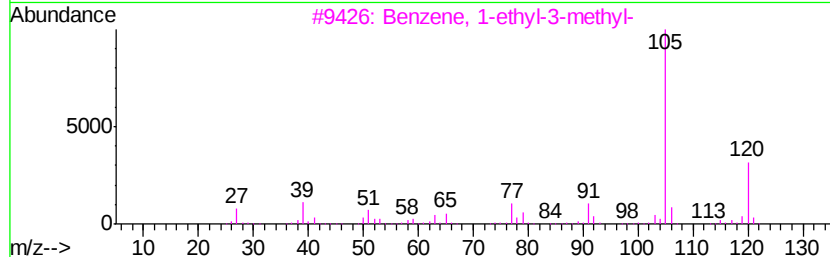
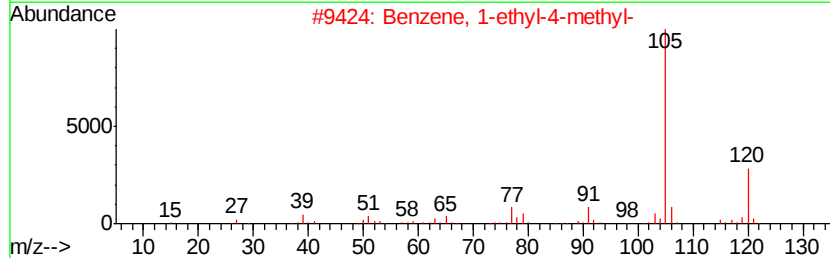
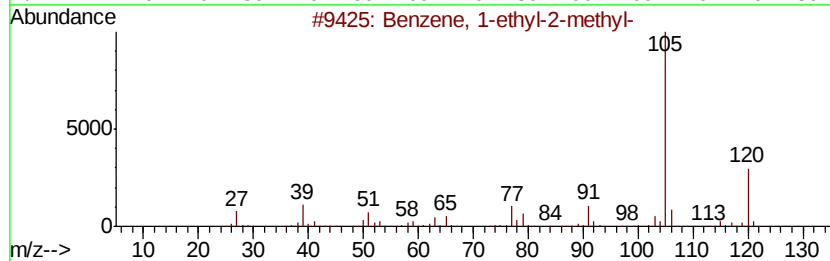
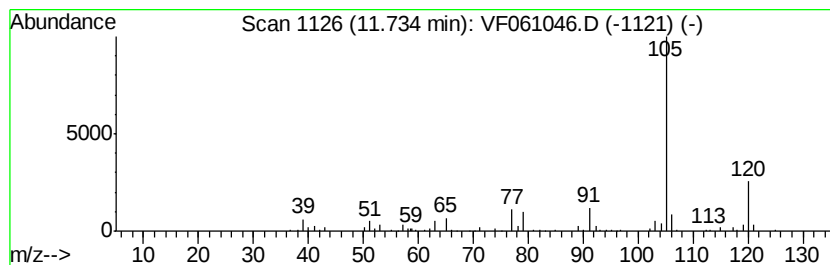
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	10.77 ug/l	103121	1,4-Dichlorobenzene-d4	12.56

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	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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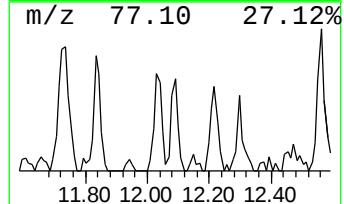
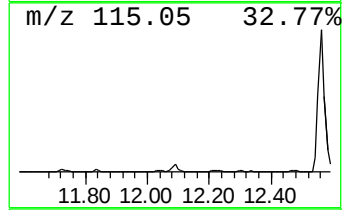
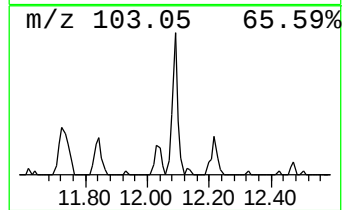
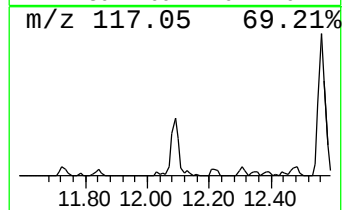
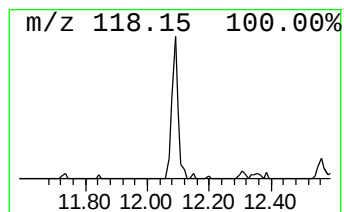
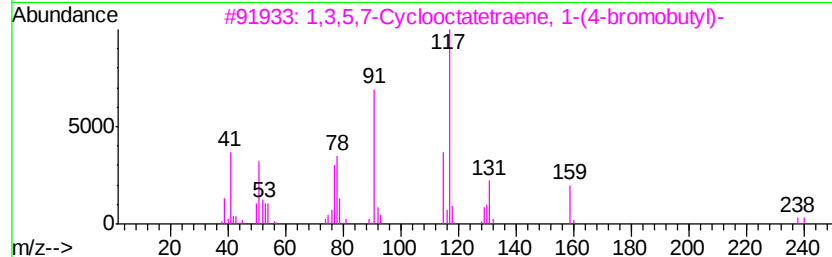
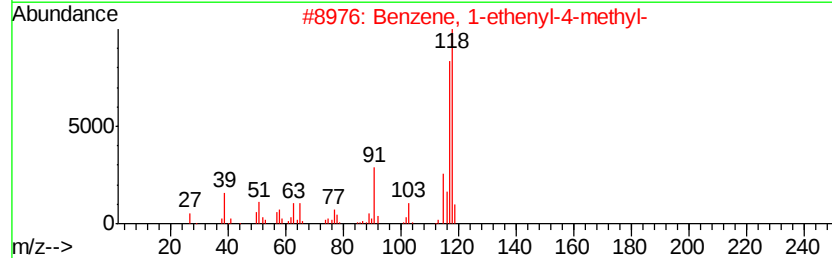
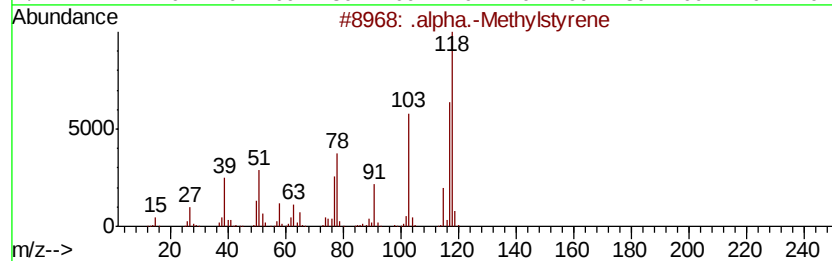
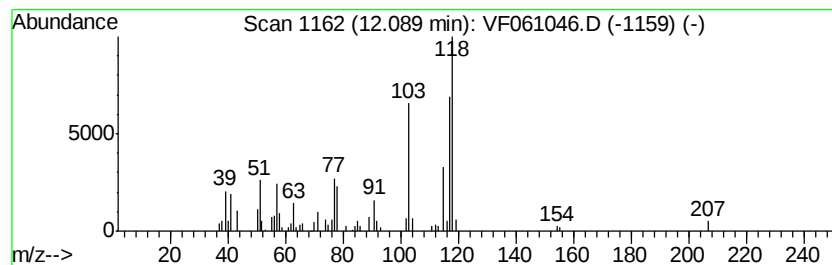
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 .alpha.-Methylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	5.32 ug/l	50993	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.alpha.-Methylstyrene	118 C9H10	000098-83-9 81
2		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 43
3		1,3,5,7-Cyclooctatetraene, 1-(4-...	238 C12H15Br	055538-75-5 38
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118 C9H10	055337-80-9 38
5		Benzene, 2-propenyl-	118 C9H10	000300-57-2 35



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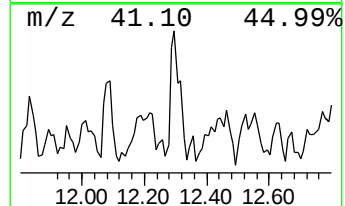
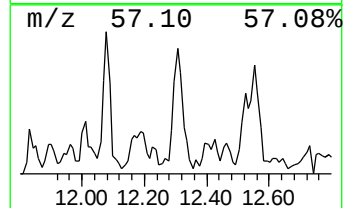
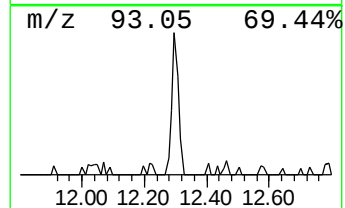
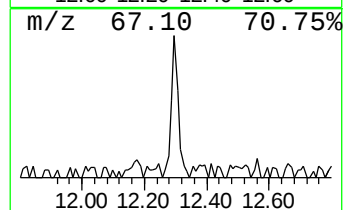
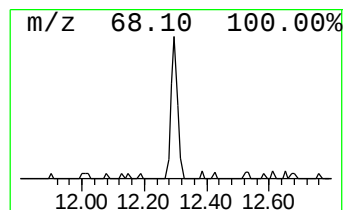
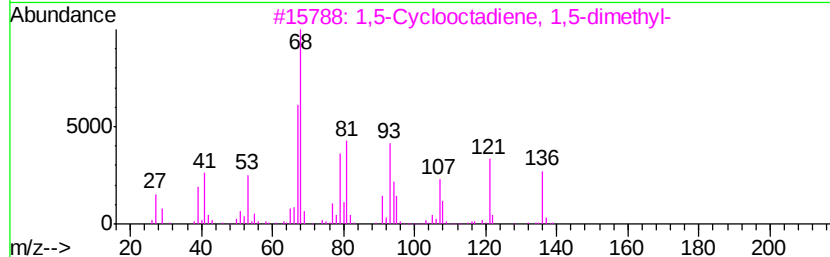
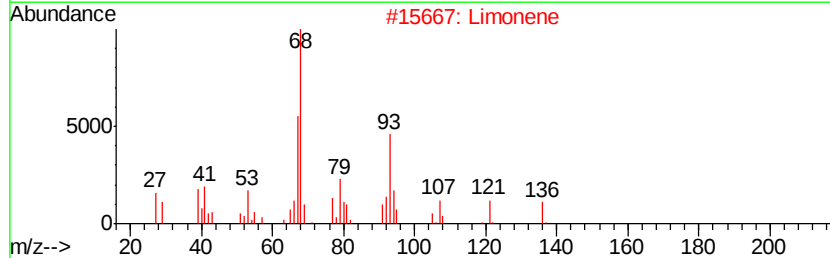
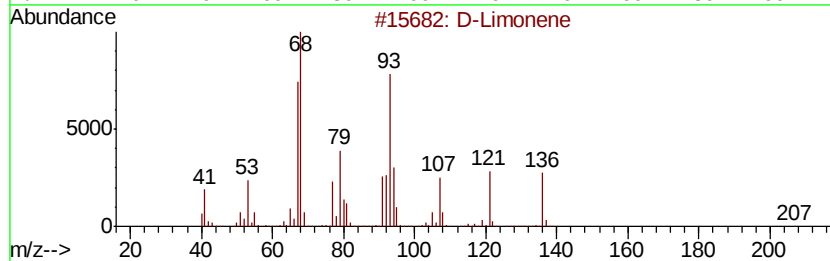
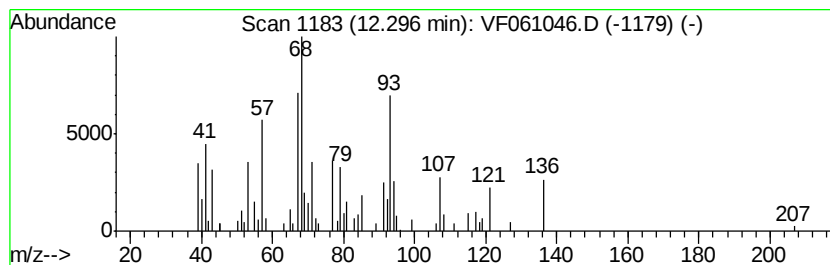
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.01 ug/l	57554	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	93
2		Limonene	136	C10H16	000138-86-3	87
3		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	72
4		Cyclohexene, 1-methyl-4-(1-methyl-...	136	C10H16	005989-54-8	64
5		Cyclohexene, 1-methyl-5-(1-methyl-...	136	C10H16	001461-27-4	64



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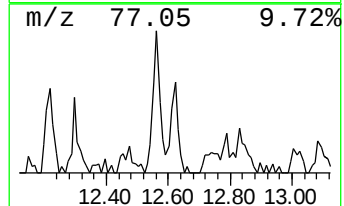
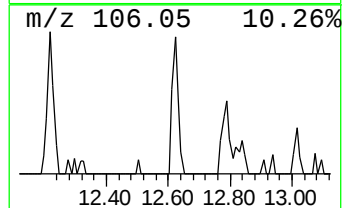
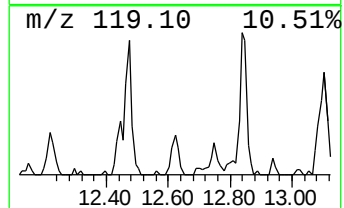
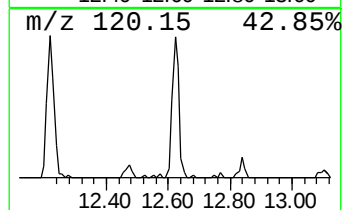
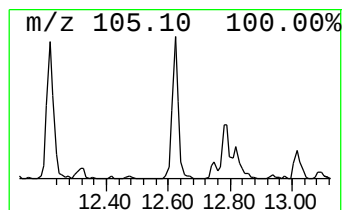
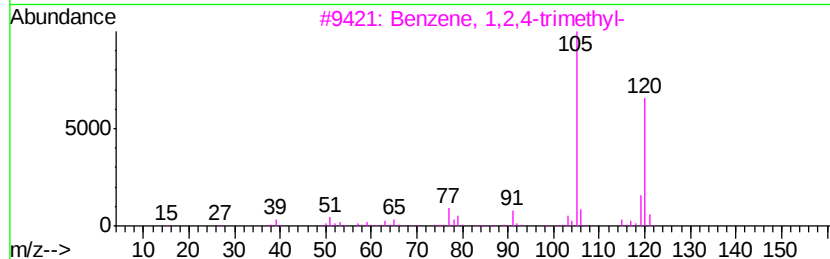
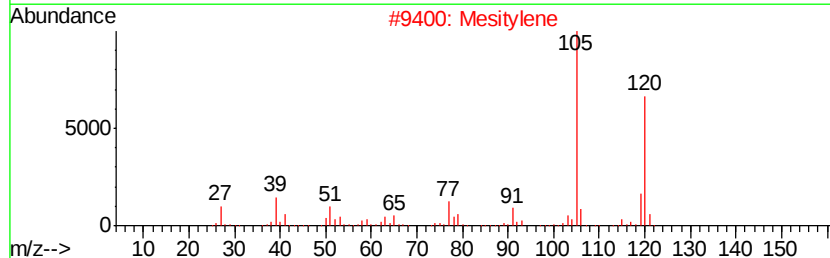
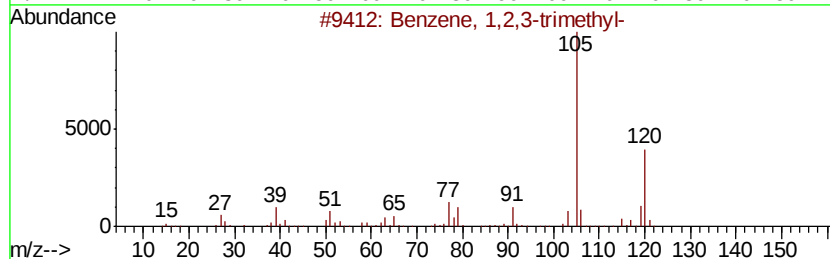
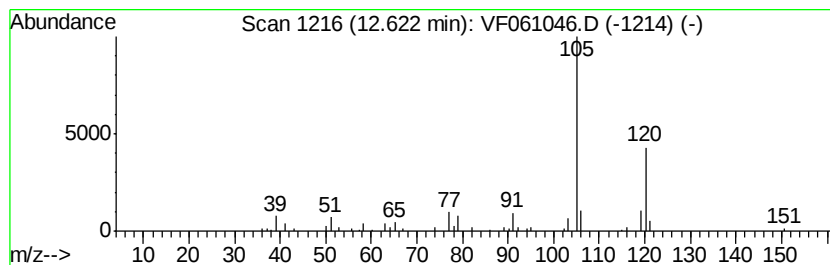
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	5.08 ug/l	48690	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121718\
Data File : VF061046.D
Acq On : 17 Dec 2018 17:56
Operator : VA/AP
Sample : J6353-05
Misc : 5.20g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.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-...	11.73	10.8	ug/l	103121	4	12.56	478955	50.0
.alpha.-Methylsty...	12.09	5.3	ug/l	50993	4	12.56	478955	50.0
D-Limonene	12.30	6.0	ug/l	57554	4	12.56	478955	50.0
Benzene, 1,2,3-tr...	12.62	5.1	ug/l	48690	4	12.56	478955	50.0