

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062841.D
 Acq On : 4 Jun 2019 16:20
 Operator : FY/SY
 Sample : K3171-04
 Misc : 4.00g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-008-B

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\82F053019S.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	1.147	57	62	64	rBV4	21280	53615	2.18%	0.298%
2	2.290	174	178	180	rBV5	10597	26212	1.07%	0.146%
3	2.349	180	184	191	rVB2	43414	132035	5.37%	0.735%
4	3.128	261	263	267	rVB	22789	27259	1.11%	0.152%
5	4.202	368	372	378	rVV	41238	157854	6.43%	0.879%
6	4.301	378	382	388	rVV4	52176	177246	7.22%	0.987%
7	4.823	428	435	442	rBV3	26413	81745	3.33%	0.455%
8	5.050	451	458	475	rBV2	751604	2456491	100.00%	13.672%
9	5.651	513	519	520	rBV5	16693	39717	1.62%	0.221%
10	5.681	520	522	526	rVV5	17385	33731	1.37%	0.188%
11	5.780	526	532	539	rVV	892698	2286913	93.10%	12.729%
12	6.410	591	596	603	rVB10	10708	29079	1.18%	0.162%
13	7.455	697	702	707	rVB4	28552	69921	2.85%	0.389%
14	7.712	723	728	732	rBV	859140	1944081	79.14%	10.820%
15	7.781	732	735	742	rVB	197642	445652	18.14%	2.480%
16	8.303	782	788	790	rBV6	20263	46132	1.88%	0.257%
17	8.333	790	791	795	rVV4	12970	27850	1.13%	0.155%
18	8.412	795	799	805	rVB4	26269	73851	3.01%	0.411%
19	8.766	829	835	838	rVB8	11863	32115	1.31%	0.179%
20	9.624	920	922	925	rVB2	20922	35109	1.43%	0.195%
21	9.910	944	951	959	rVV	996748	2193037	89.28%	12.206%
22	10.028	959	963	973	rVB	48010	143426	5.84%	0.798%
23	10.255	981	986	991	rBV	99352	212615	8.66%	1.183%
24	10.817	1040	1043	1047	rVV	70975	123450	5.03%	0.687%
25	10.896	1047	1051	1054	rVV	246385	454089	18.49%	2.527%
26	10.945	1054	1056	1061	rVB2	40447	71633	2.92%	0.399%
27	11.014	1061	1063	1065	rBV	146619	104406	4.25%	0.581%
28	11.211	1078	1083	1088	rBV	33474	67302	2.74%	0.375%
29	11.497	1108	1112	1117	rBV	641912	1020720	41.55%	5.681%
30	11.674	1127	1130	1133	rVB	41444	62100	2.53%	0.346%
31	11.733	1133	1136	1138	rBV3	19040	32024	1.30%	0.178%
32	11.783	1138	1141	1147	rVB2	77987	165283	6.73%	0.920%
33	11.891	1149	1152	1155	rVB	63514	103583	4.22%	0.577%
34	11.970	1155	1160	1163	rBV3	20361	33646	1.37%	0.187%

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35	12.088	1166	1172	1176	rVB	50448	78241	3.19%	0.435%
36	12.197	1180	1183	1187	rBV3	25021	40858	1.66%	0.227%
37	12.266	1187	1190	1194	rBV	176714	260203	10.59%	1.448%
38	12.364	1196	1200	1205	rVB3	30000	80946	3.30%	0.451%
39	12.512	1214	1215	1220	rVB2	40824	76638	3.12%	0.427%
40	12.611	1221	1225	1229	rBV	835047	1242619	50.59%	6.916%
41	12.670	1229	1231	1235	rVB	86220	121585	4.95%	0.677%
42	12.778	1238	1242	1245	rBV	107878	177432	7.22%	0.988%
43	12.887	1249	1253	1258	rVB3	49808	129613	5.28%	0.721%
44	12.975	1258	1262	1267	rBV5	31301	76342	3.11%	0.425%
45	13.054	1267	1270	1274	rVB3	48358	72917	2.97%	0.406%
46	13.143	1274	1279	1282	rBV	30936	80082	3.26%	0.446%
47	13.202	1282	1285	1289	rBV	47754	77915	3.17%	0.434%
48	13.281	1291	1293	1296	rBV3	21455	43575	1.77%	0.243%
49	13.468	1310	1312	1316	rVB2	21353	33807	1.38%	0.188%
50	13.537	1316	1319	1321	rBV2	34672	44385	1.81%	0.247%
51	13.587	1321	1324	1326	rBV	45866	63819	2.60%	0.355%
52	13.744	1335	1340	1343	rVV2	72456	122885	5.00%	0.684%
53	13.892	1352	1355	1360	rVV2	89908	209134	8.51%	1.164%
54	14.010	1364	1367	1370	rVB2	55192	83102	3.38%	0.463%
55	14.119	1372	1378	1381	rBV3	37247	80904	3.29%	0.450%
56	14.188	1381	1385	1387	rBV4	35728	69646	2.84%	0.388%
57	14.247	1387	1391	1394	rVB3	30196	77117	3.14%	0.429%
58	14.444	1408	1411	1413	rVV3	22611	43615	1.78%	0.243%
59	14.493	1413	1416	1422	rVV	639327	931045	37.90%	5.182%
60	14.622	1427	1429	1433	rVB3	19019	37117	1.51%	0.207%
61	14.769	1441	1444	1448	rVB	60487	81495	3.32%	0.454%
62	15.026	1467	1470	1472	rBV4	29299	37705	1.53%	0.210%
63	15.134	1479	1481	1484	rBV3	27966	46498	1.89%	0.259%
64	15.193	1484	1487	1491	rVV6	14268	27441	1.12%	0.153%
65	15.312	1495	1499	1503	rVV	123142	195046	7.94%	1.086%
66	15.381	1503	1506	1508	rVV4	13335	24841	1.01%	0.138%
67	15.440	1509	1512	1517	rVB	124509	169762	6.91%	0.945%
68	15.666	1532	1535	1539	rVB5	13715	24907	1.01%	0.139%
69	16.031	1562	1572	1575	rBV5	9482	39662	1.61%	0.221%

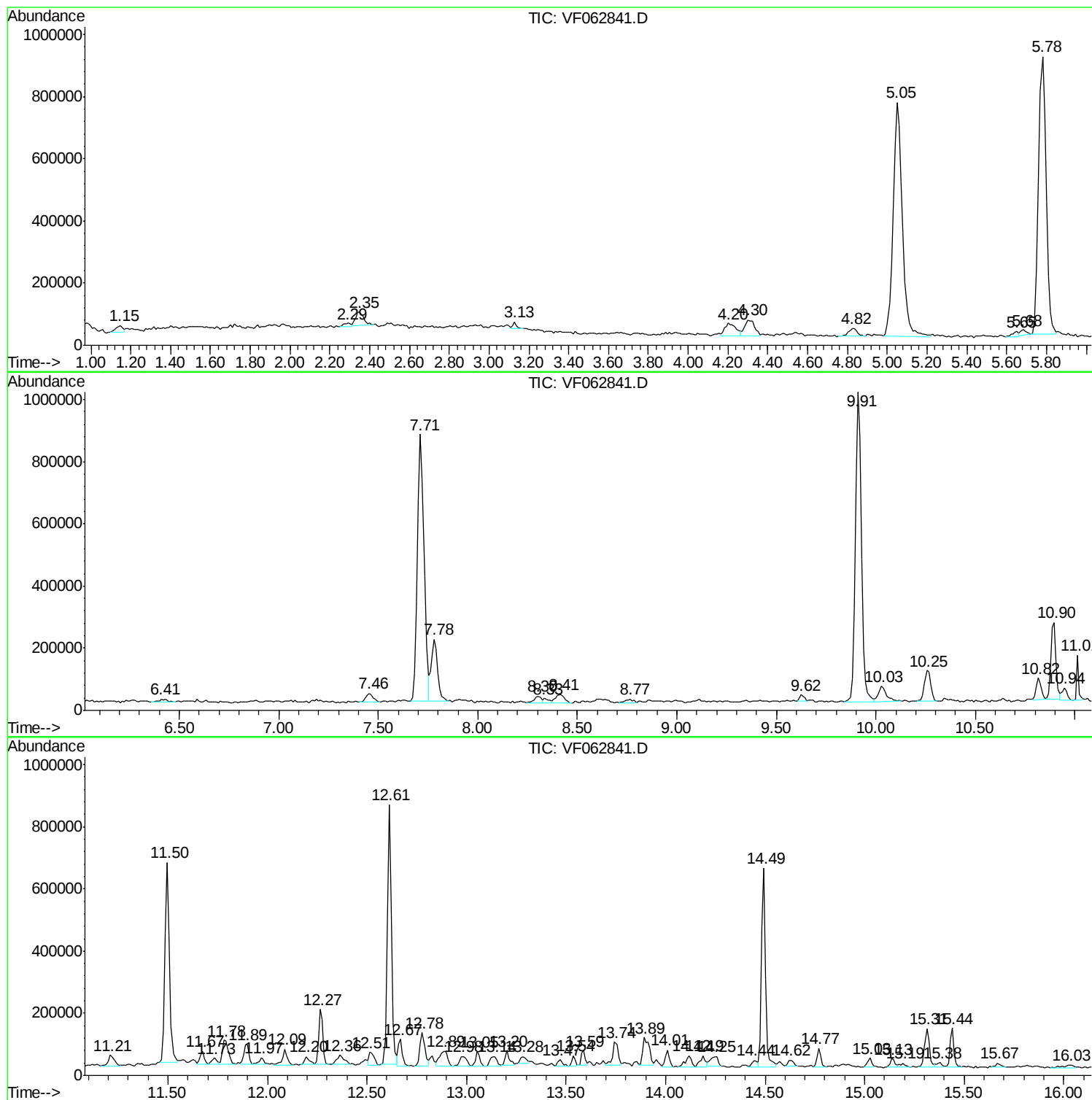
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Quant Title : SW846 8260

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



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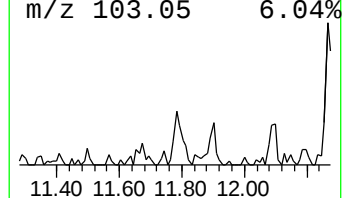
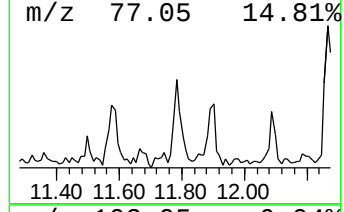
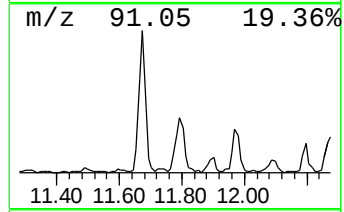
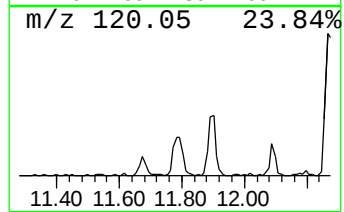
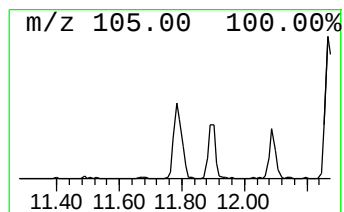
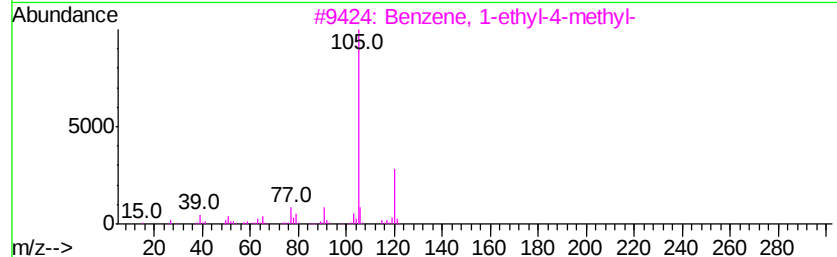
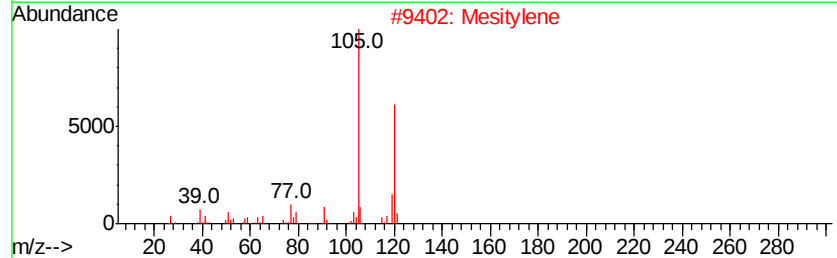
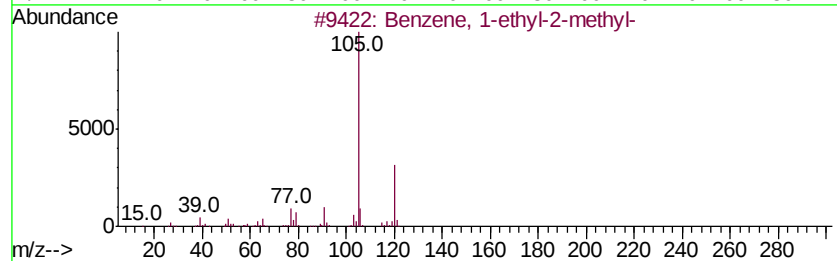
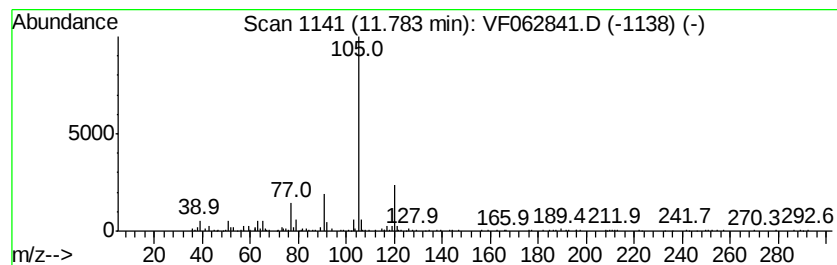
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.65 ug/l	165283	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
2		Mesitylene	120	C9H12	000108-67-8	64
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53



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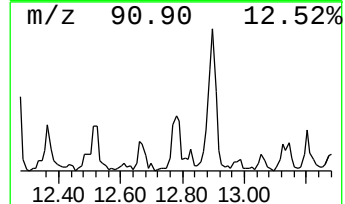
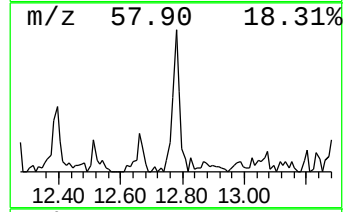
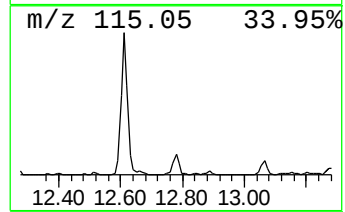
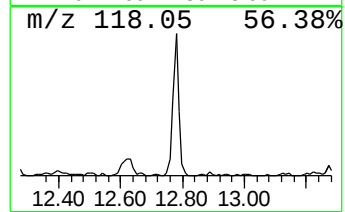
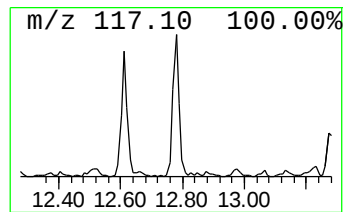
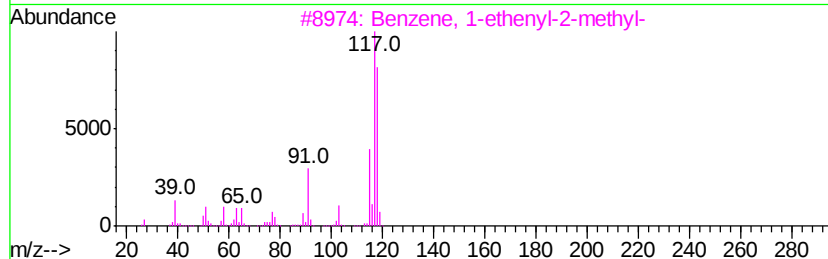
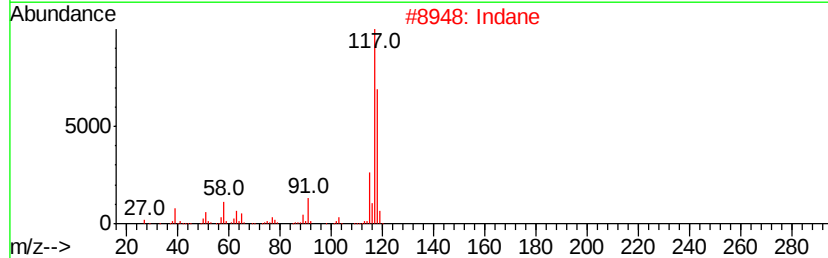
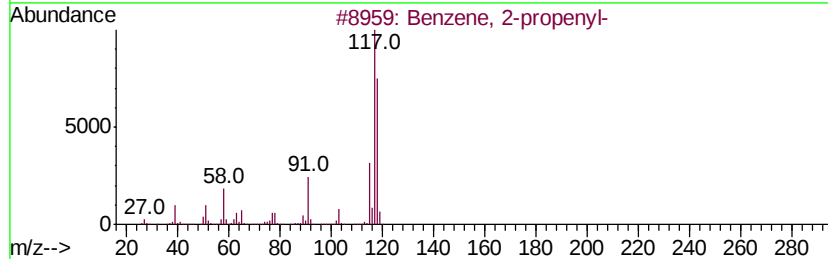
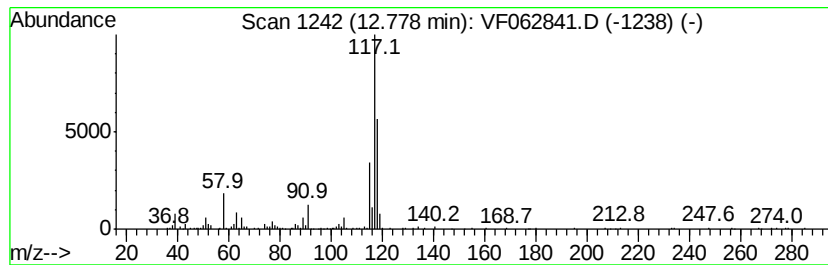
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	7.14 ug/l	177432	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2		Indane	118	C9H10	000496-11-7	81
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	68



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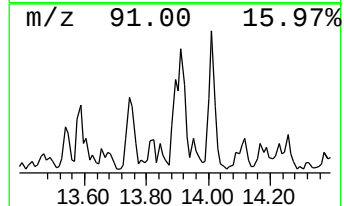
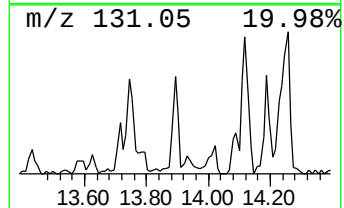
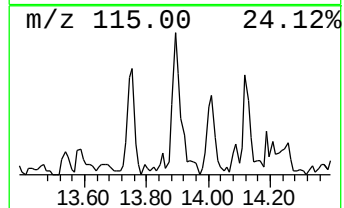
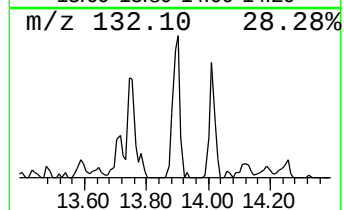
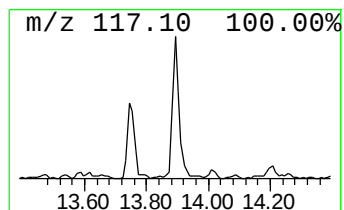
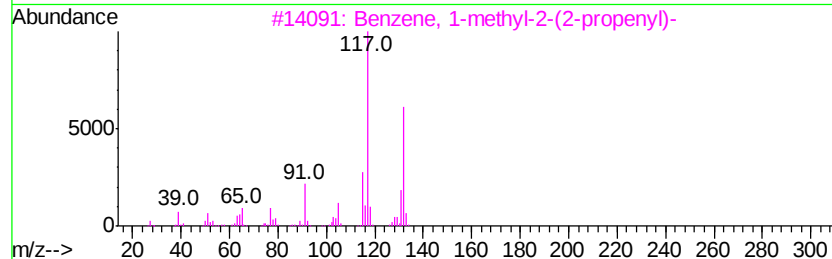
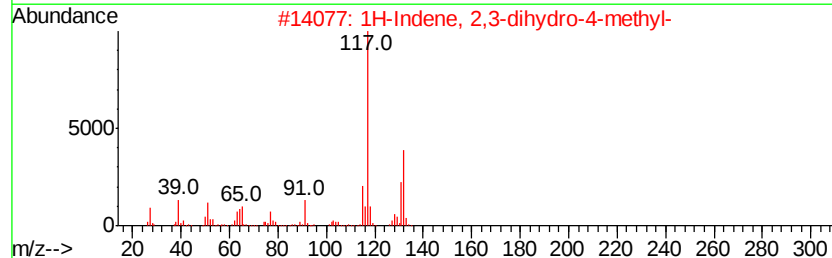
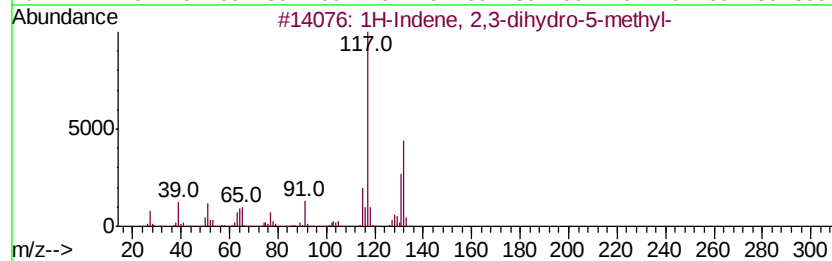
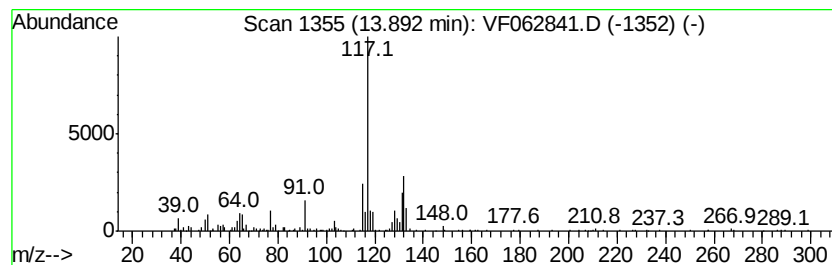
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Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.42 ug/l	209134	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
4		Indan, 1-methyl-	132	C10H12	000767-58-8	62
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62



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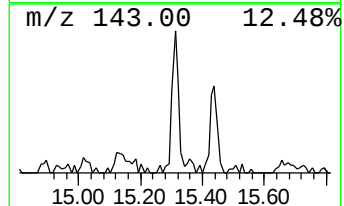
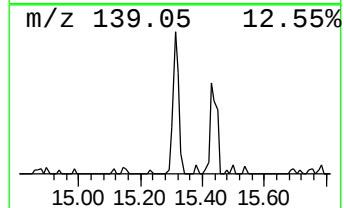
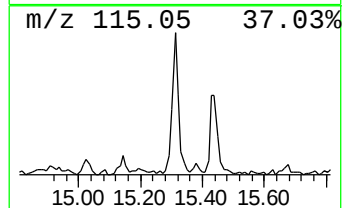
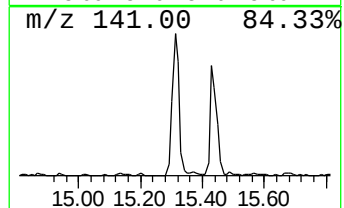
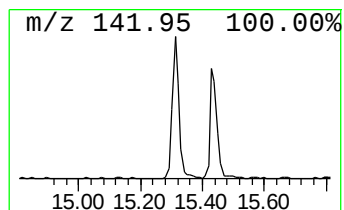
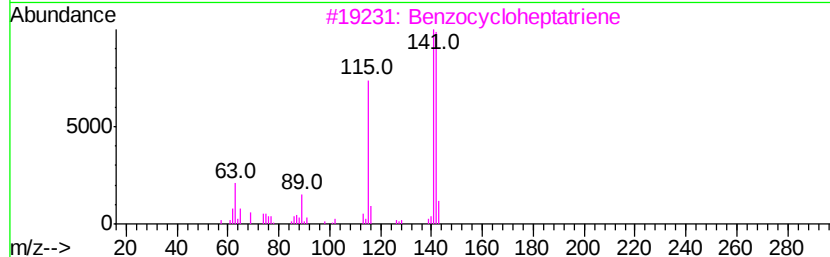
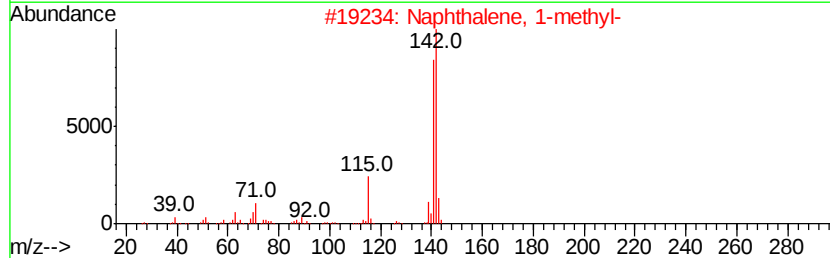
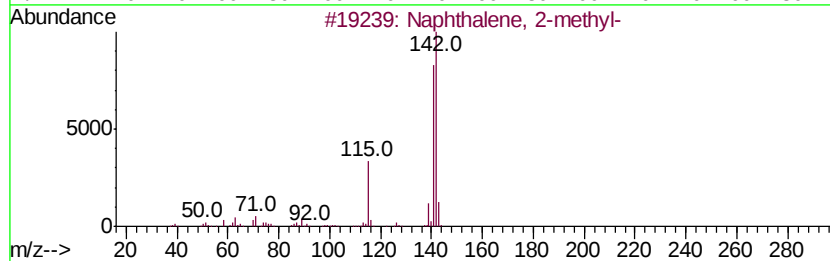
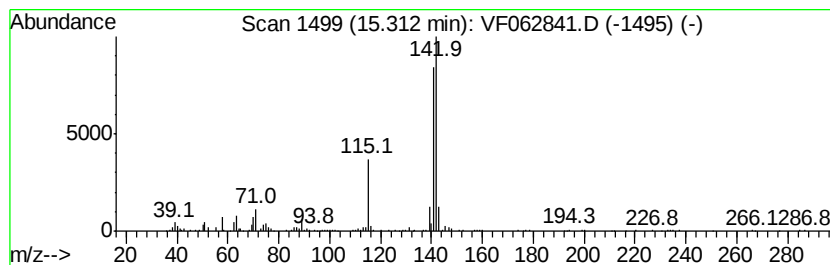
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Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	7.85 ug/l	195046	1,4-Dichlorobenzene-d4	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	78
5		1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062841.D
Acq On : 4 Jun 2019 16:20
Operator : FY/SY
Sample : K3171-04
Misc : 4.00g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

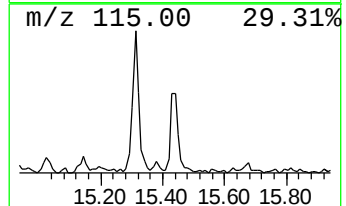
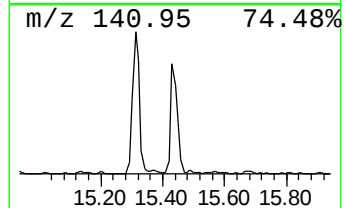
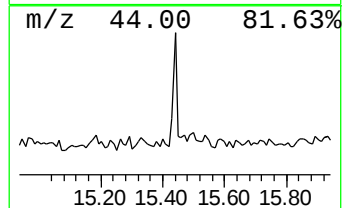
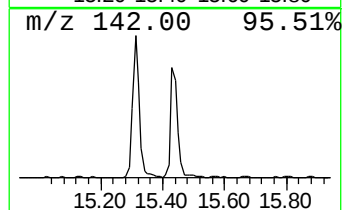
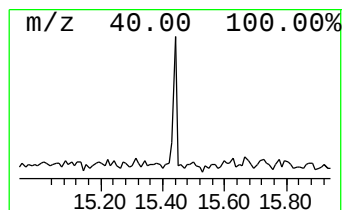
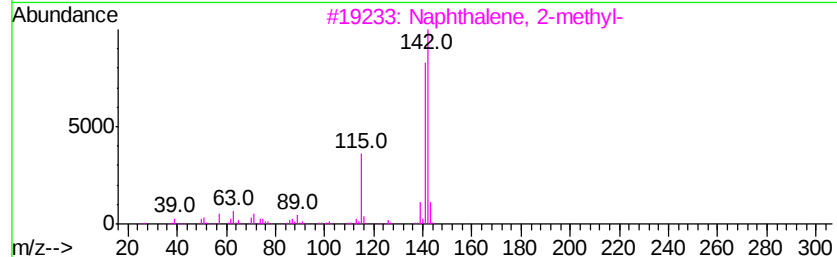
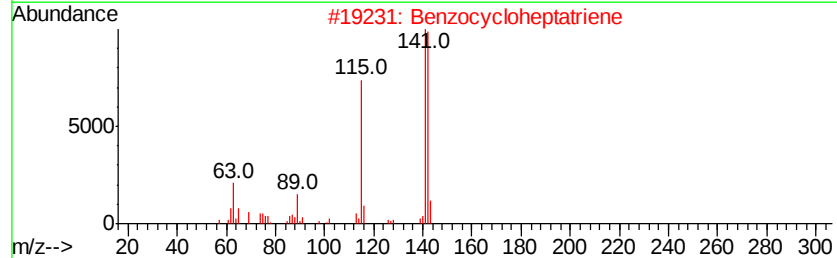
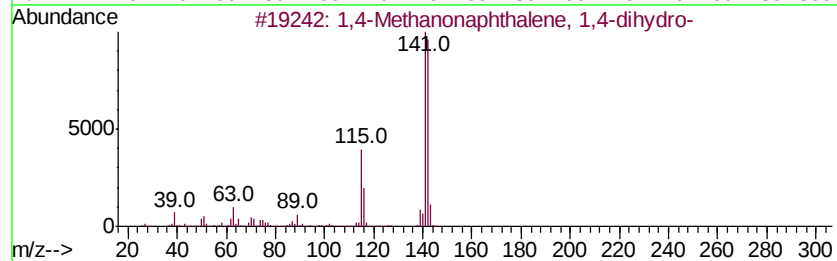
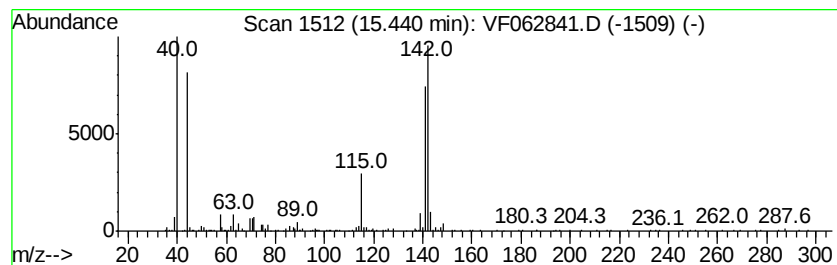
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-008-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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

Peak Number 5 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.44	6.83 ug/l	169762	1,4-Dichlorobenzene-d4	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
2	Benzocycloheptatriene	142	C11H10	000264-09-5	78
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	64
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF060419\
Data File : VF062841.D
Acq On : 4 Jun 2019 16:20
Operator : FY/SY
Sample : K3171-04
Misc : 4.00g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-008-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.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-...	11.78	6.7	ug/l	165283	4	12.61	1242620	50.0
Benzene, 2-propenyl-	12.78	7.1	ug/l	177432	4	12.61	1242620	50.0
1H-Indene, 2,3-di...	13.89	8.4	ug/l	209134	4	12.61	1242620	50.0
Naphthalene, 1-me...	15.31	7.8	ug/l	195046	4	12.61	1242620	50.0
1,4-Methanonaphth...	15.44	6.8	ug/l	169762	4	12.61	1242620	50.0