

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
 Data File : VF061912.D
 Acq On : 12 Mar 2019 18:35
 Operator : VA/AP
 Sample : K1697-03
 Misc : 6.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-031119-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\82F030419S.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	1.061	40	44	52	rBV4	9248	27240	2.40%	0.296%
2	2.176	154	157	159	rBV4	10319	21961	1.94%	0.239%
3	2.235	159	163	170	rVB2	14610	49042	4.33%	0.533%
4	4.000	336	342	346	rBV	17904	66408	5.86%	0.721%
5	4.099	346	352	363	rVV	180158	558194	49.25%	6.064%
6	4.217	363	364	370	rVB2	6708	14888	1.31%	0.162%
7	4.848	419	428	443	rBV2	317181	1133296	100.00%	12.312%
8	5.578	496	502	518	rBV	375332	1028163	90.72%	11.170%
9	7.540	695	701	715	rVB	474778	1096854	96.78%	11.916%
10	9.759	920	926	935	rBV	472427	1028986	90.80%	11.179%
11	11.396	1088	1092	1101	rBV	408982	734467	64.81%	7.979%
12	11.553	1105	1108	1113	rVV3	11856	27995	2.47%	0.304%
13	12.539	1204	1208	1212	rBV	654178	976540	86.17%	10.609%
14	12.599	1212	1214	1219	rVV	26139	41305	3.64%	0.449%
15	12.707	1221	1225	1228	rBV2	8213	19997	1.76%	0.217%
16	12.756	1228	1230	1232	rVV	11043	18129	1.60%	0.197%
17	12.815	1232	1236	1242	rVB3	22209	60444	5.33%	0.657%
18	12.914	1244	1246	1252	rBV6	4287	12971	1.14%	0.141%
19	13.003	1252	1255	1259	rVB2	38242	62063	5.48%	0.674%
20	13.082	1259	1263	1267	rBV2	17068	42646	3.76%	0.463%
21	13.141	1267	1269	1271	rBV2	24469	31911	2.82%	0.347%
22	13.220	1275	1277	1281	rVV2	13131	31894	2.81%	0.346%
23	13.279	1281	1283	1287	rVV5	9537	16442	1.45%	0.179%
24	13.407	1294	1296	1300	rBV2	12457	17348	1.53%	0.188%
25	13.486	1300	1304	1306	rVB2	21222	35429	3.13%	0.385%
26	13.525	1306	1308	1311	rBV	30346	48509	4.28%	0.527%
27	13.565	1311	1312	1314	rVV	12218	12045	1.06%	0.131%
28	13.614	1314	1317	1322	rVB3	32304	60756	5.36%	0.660%
29	13.693	1322	1325	1329	rBV2	68277	117725	10.39%	1.279%
30	13.752	1329	1331	1334	rVB2	11427	17433	1.54%	0.189%
31	13.802	1334	1336	1337	rBV	16135	19384	1.71%	0.211%
32	13.841	1337	1340	1344	rVV2	96274	175017	15.44%	1.901%
33	13.910	1344	1347	1349	rVB2	25324	45288	4.00%	0.492%
34	13.959	1349	1352	1358	rVB	80726	111991	9.88%	1.217%

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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

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35	14.038	1358	1360	1361	rBV2	16367	23065	2.04%	0.251%
36	14.068	1361	1363	1366	rVB	33111	42708	3.77%	0.464%
37	14.137	1366	1370	1373	rBV3	39857	94580	8.35%	1.027%
38	14.206	1374	1377	1381	rVV2	42160	76676	6.77%	0.833%
39	14.344	1388	1391	1393	rBV4	8566	17096	1.51%	0.186%
40	14.393	1393	1396	1400	rVV3	41867	90288	7.97%	0.981%
41	14.452	1400	1402	1410	rVB5	54279	119551	10.55%	1.299%
42	14.551	1410	1412	1413	rBV	14708	16028	1.41%	0.174%
43	14.581	1413	1415	1420	rVB	42190	59779	5.27%	0.649%
44	14.728	1427	1430	1433	rBV	161529	207135	18.28%	2.250%
45	14.817	1437	1439	1440	rBV2	12067	18545	1.64%	0.201%
46	14.867	1440	1444	1449	rVB3	24823	63127	5.57%	0.686%
47	14.985	1453	1456	1459	rBV	82323	108119	9.54%	1.175%
48	15.103	1464	1468	1470	rBV2	75882	119963	10.59%	1.303%
49	15.152	1470	1473	1478	rVB4	28093	58138	5.13%	0.632%
50	15.271	1478	1485	1487	rBV4	23696	48373	4.27%	0.526%
51	15.330	1487	1491	1494	rVV3	28891	68289	6.03%	0.742%
52	15.399	1494	1498	1501	rVB	24578	44558	3.93%	0.484%
53	15.626	1515	1521	1526	rVV	37047	72354	6.38%	0.786%
54	15.705	1526	1529	1533	rVB5	7611	15475	1.37%	0.168%
55	15.813	1537	1540	1542	rVB3	9839	15661	1.38%	0.170%
56	15.922	1548	1551	1554	rBV4	7530	19416	1.71%	0.211%
57	15.971	1554	1556	1566	rVB7	11910	43230	3.81%	0.470%

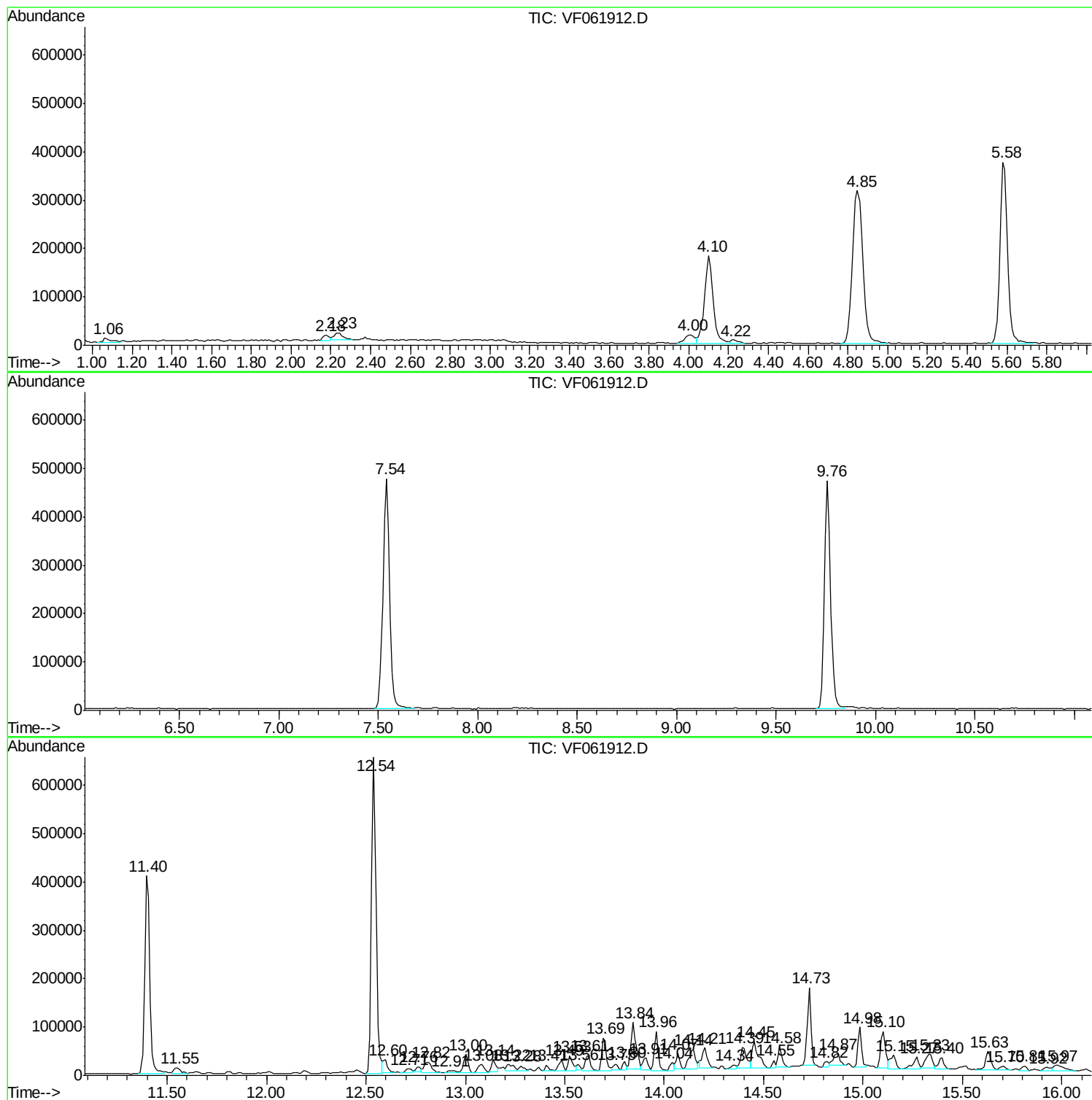
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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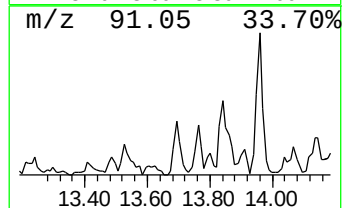
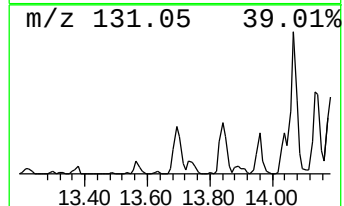
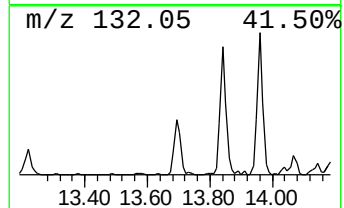
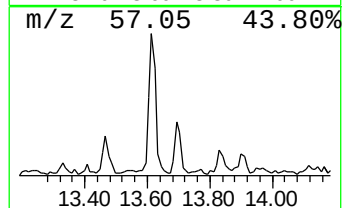
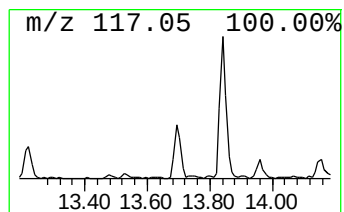
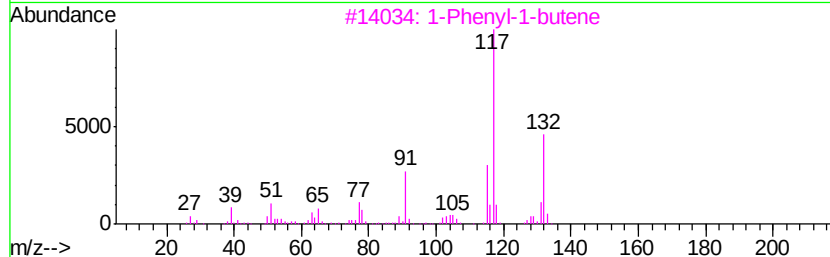
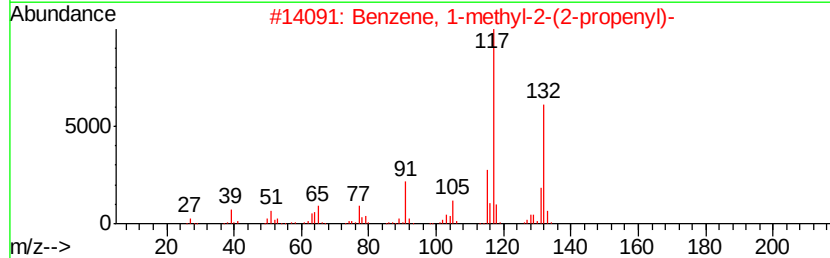
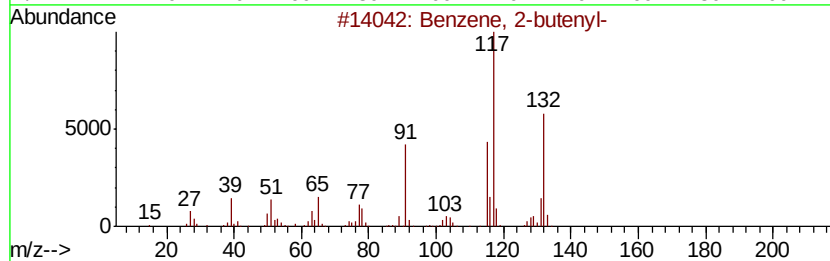
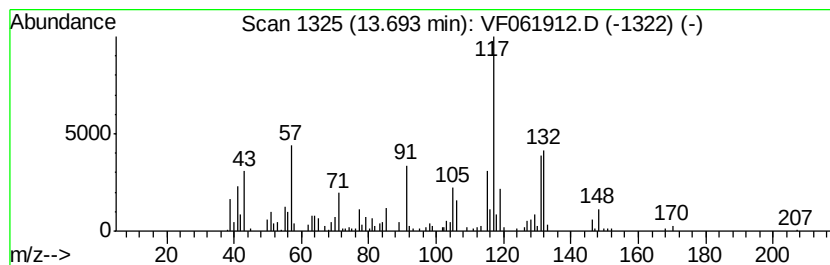
Instrument :
MSVOA_F
ClientSampleId :
SU-03-031119-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-butenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	6.03 ug/l	117725	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	58
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50



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Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

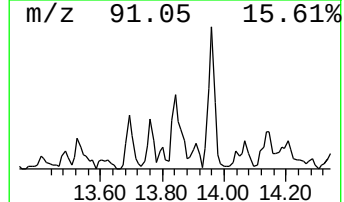
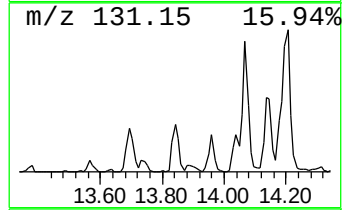
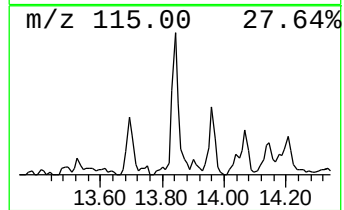
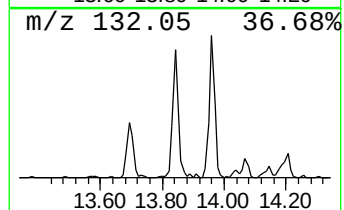
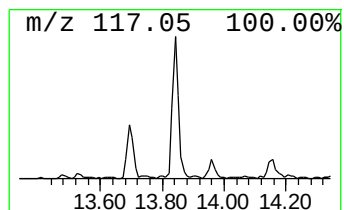
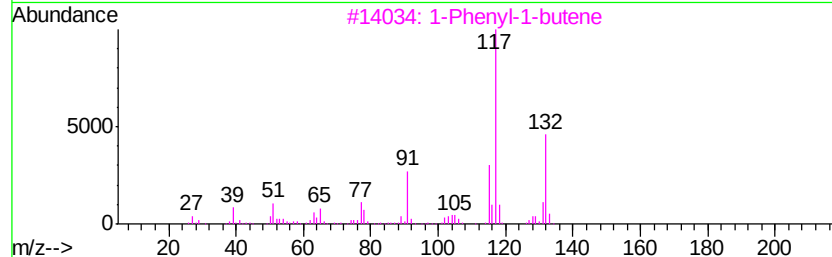
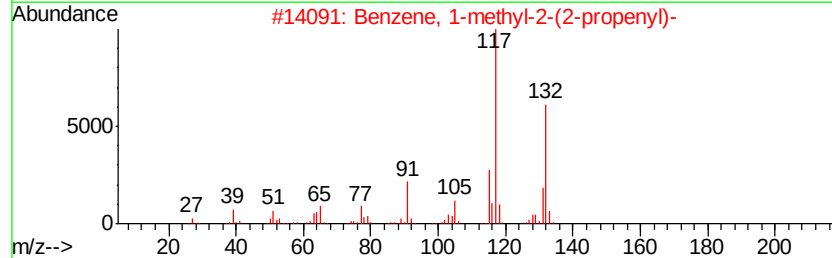
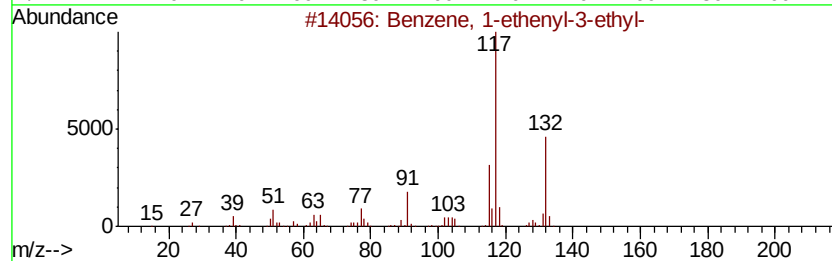
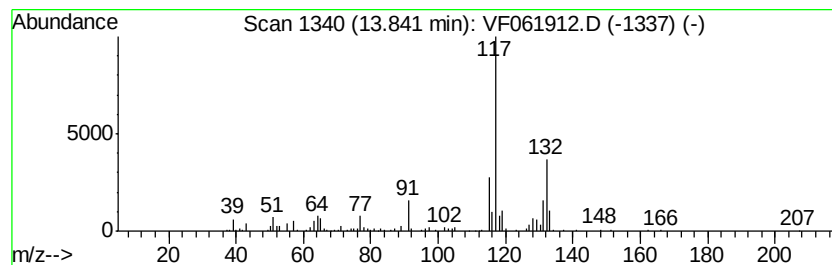
Instrument :
MSVOA_F
ClientSampled :
SU-03-031119-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.84	8.96 ug/l	175017	1,4-Dichlorobenzene-d4	12.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	83
5		Indan, 1-methyl-	132	C10H12	000767-58-8	81



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Sample : K1697-03
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

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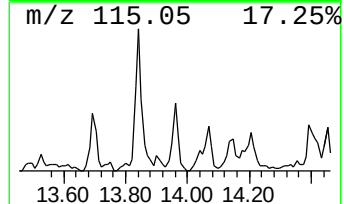
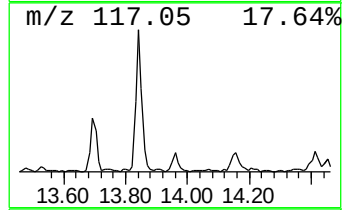
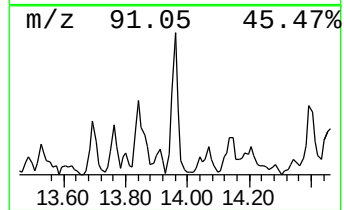
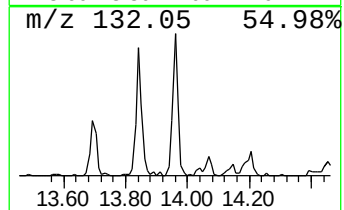
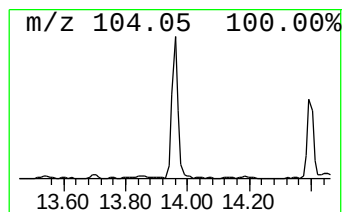
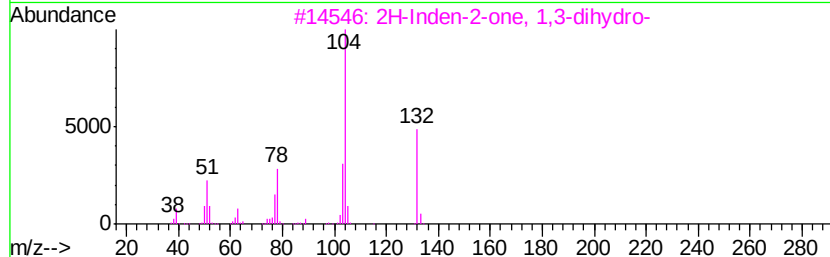
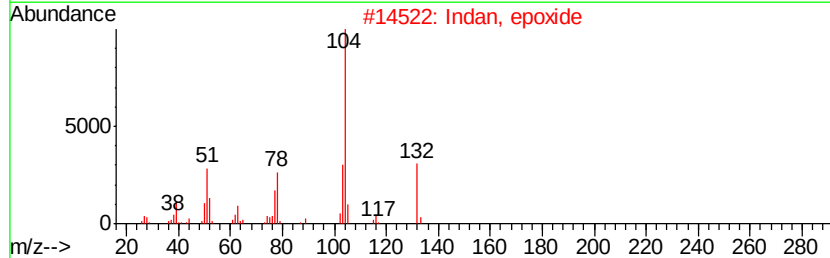
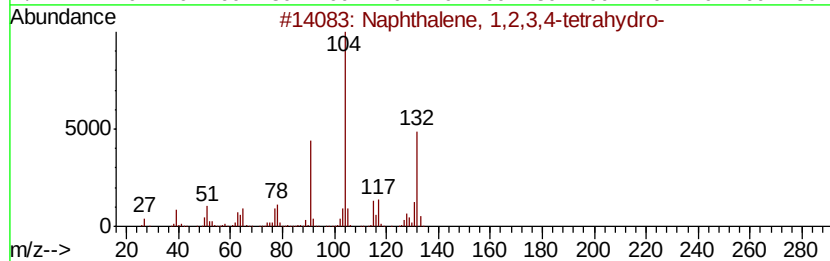
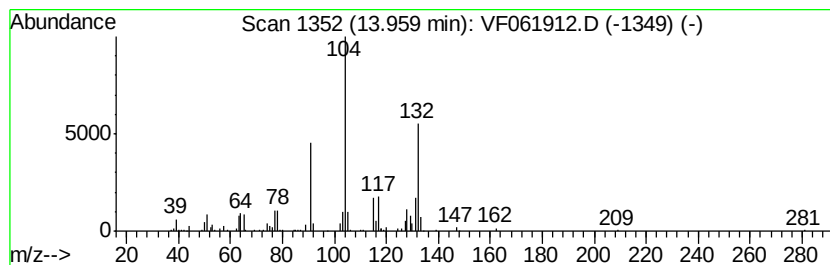
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.73 ug/l	111991	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2		Indan, epoxide	132	C9H8O	000768-22-9	58
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4		Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
5		Styrene	104	C8H8	000100-42-5	38



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Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

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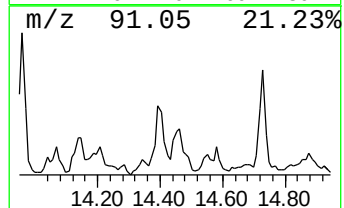
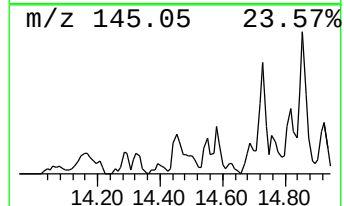
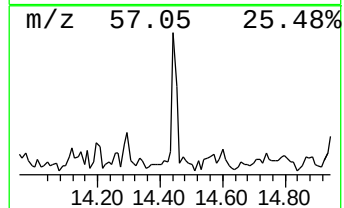
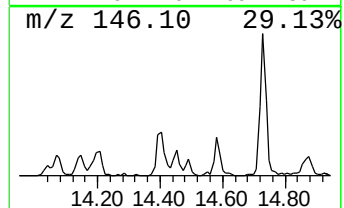
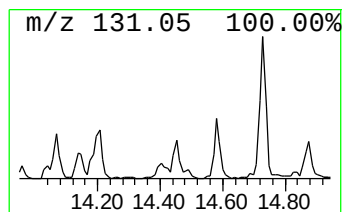
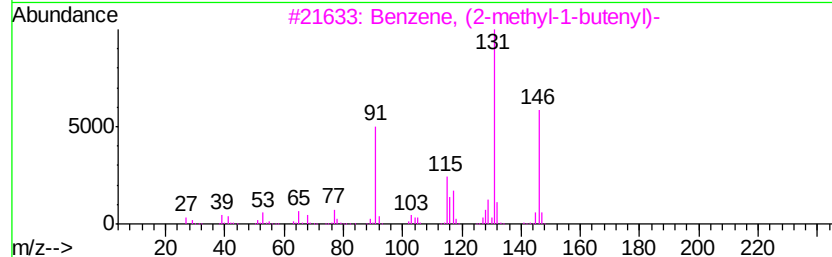
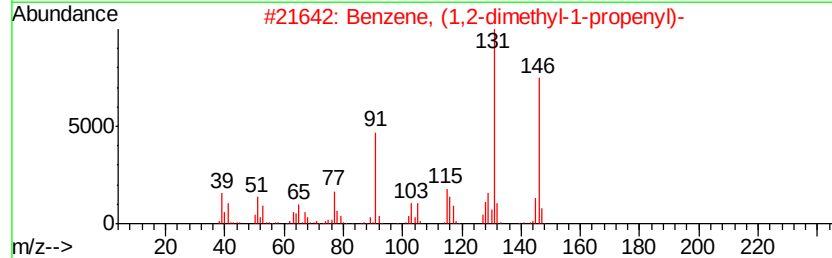
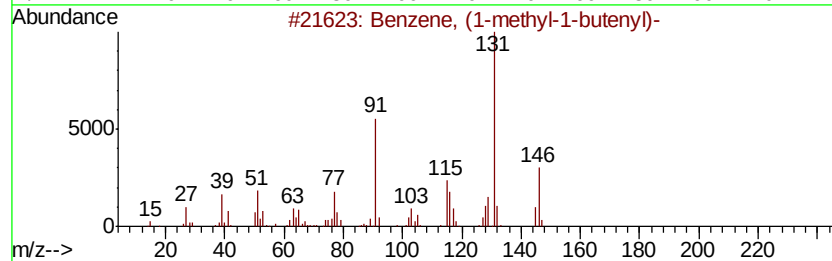
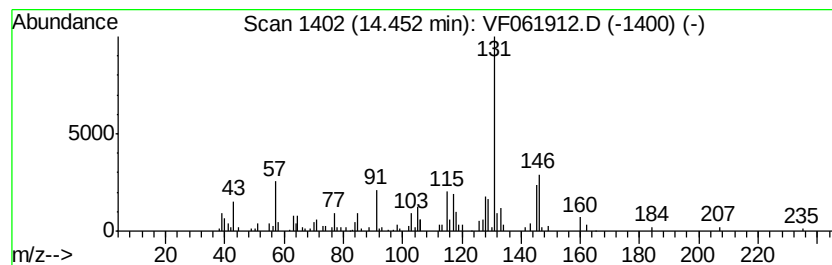
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	6.12 ug/l	119551	1,4-Dichlorobenzene-d4	12.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	68
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64



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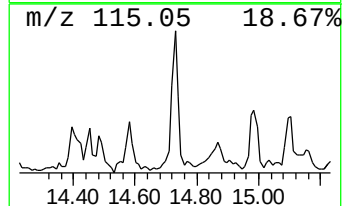
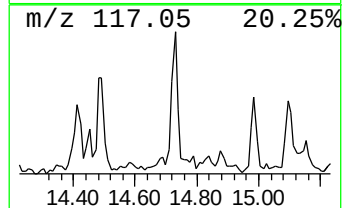
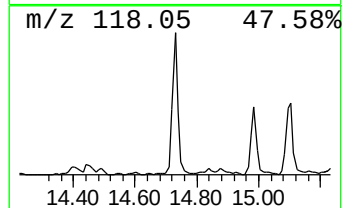
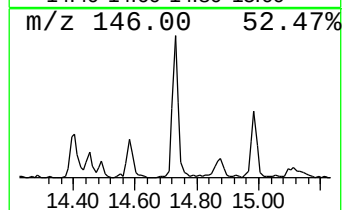
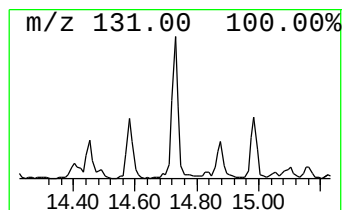
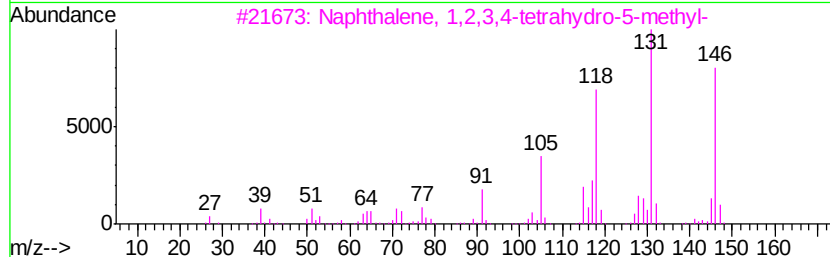
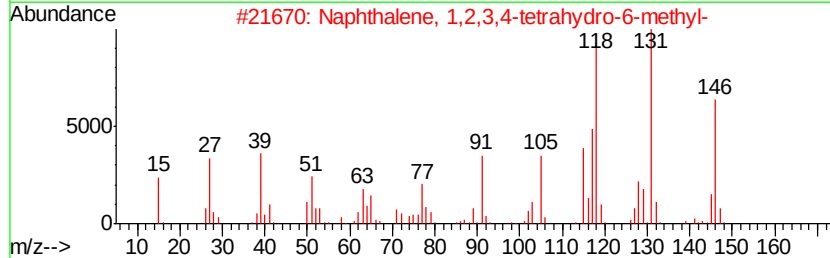
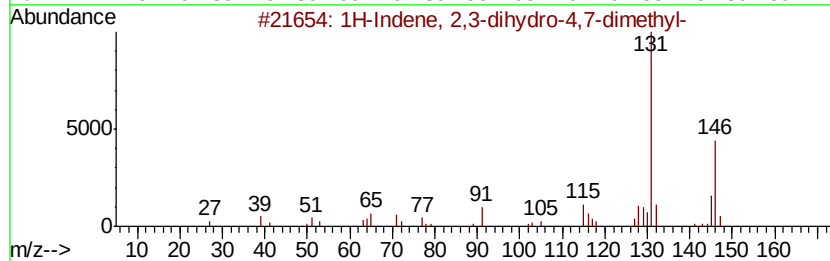
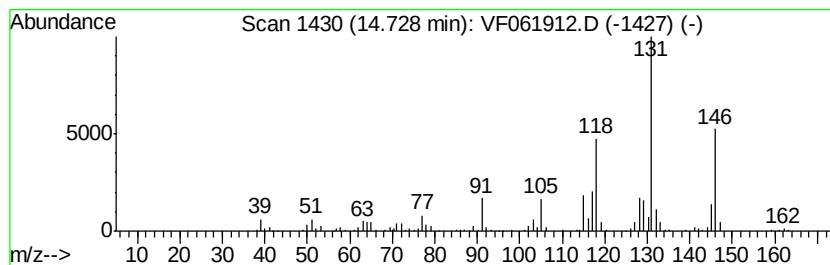
Instrument :
MSVOA_F
ClientSampleId :
SU-03-031119-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.61 ug/l	207135	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	93
4	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	86
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061912.D
Acq On : 12 Mar 2019 18:35
Operator : VA/AP
Sample : K1697-03
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

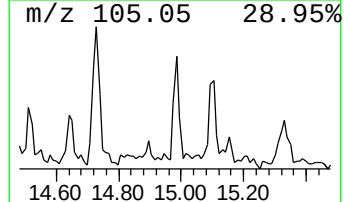
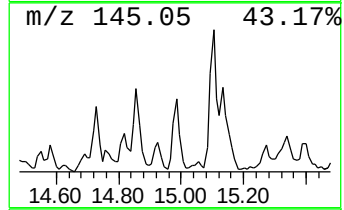
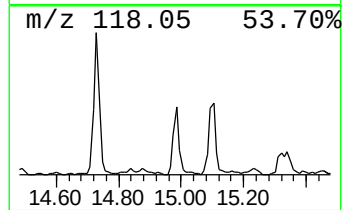
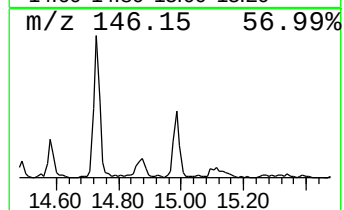
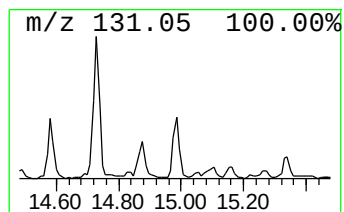
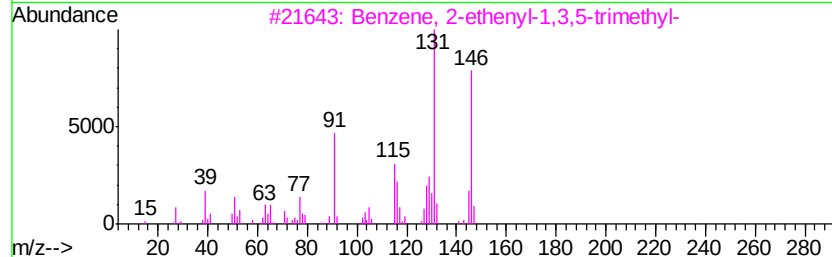
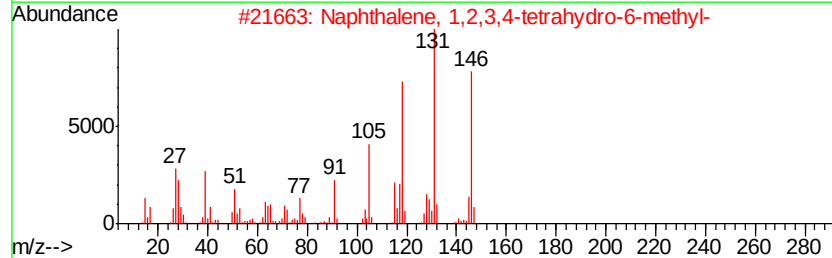
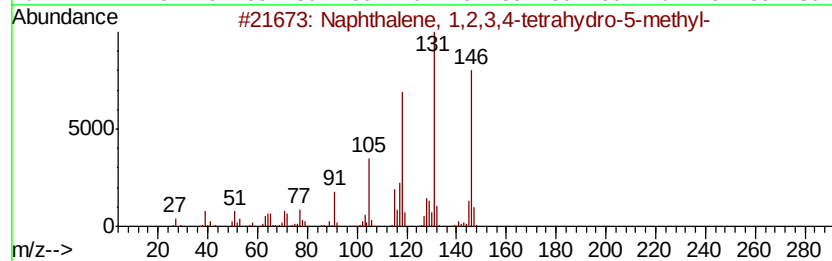
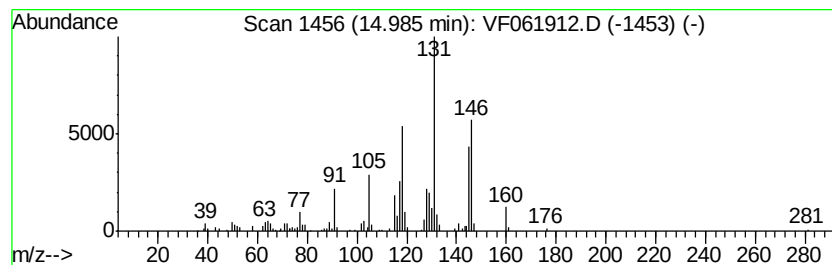
Instrument :
MSVOA_F
ClientSampleId :
SU-03-031119-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	5.54 ug/l	108119	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 76
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 64
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 58
4		2-Propenal, 3-(4-methylphenyl)-	146 C10H10O	001504-75-2 50
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061912.D
Acq On : 12 Mar 2019 18:35
Operator : VA/AP
Sample : K1697-03
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

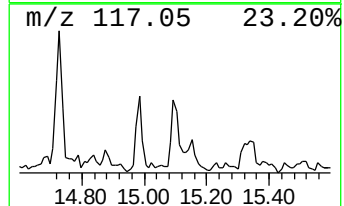
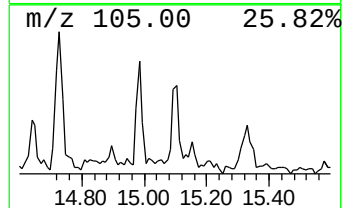
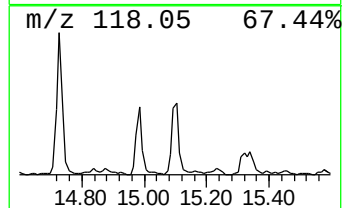
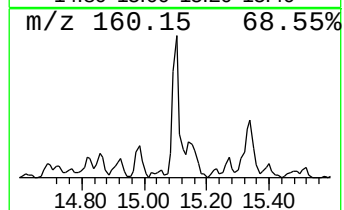
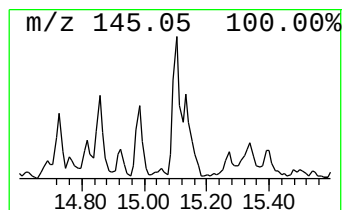
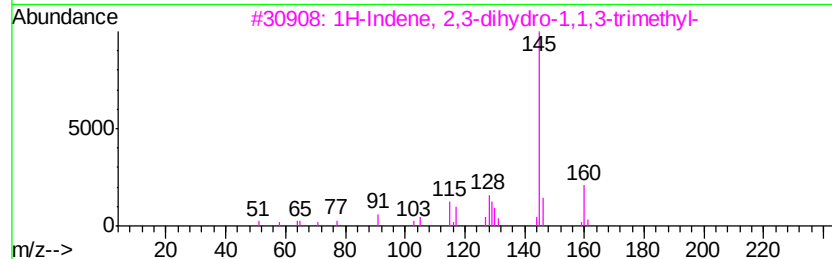
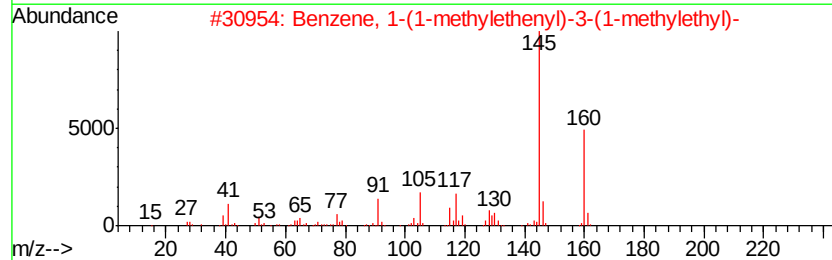
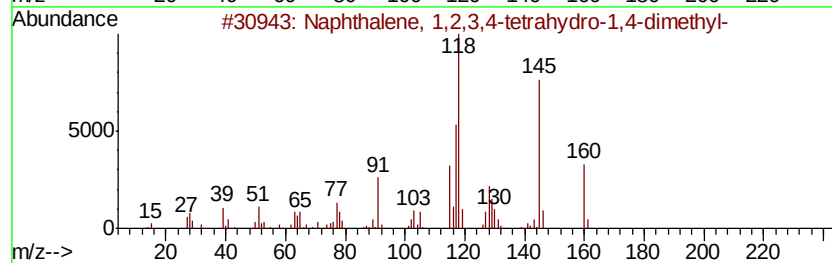
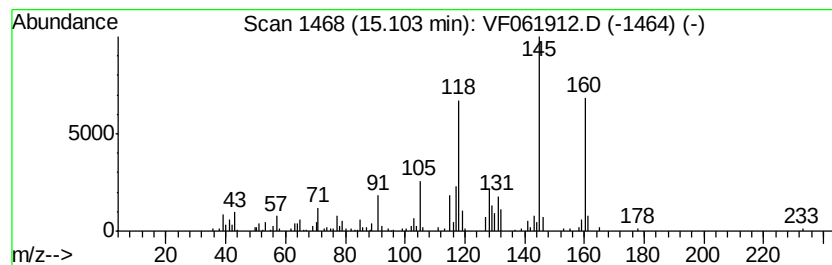
Instrument :
MSVOA_F
ClientSampleId :
SU-03-031119-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	6.14 ug/l	119963	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 83
2		Benzene, 1-(1-methylethenyl)-3-(...	160 C12H16	001129-29-9 64
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 64
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 62
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061912.D
Acq On : 12 Mar 2019 18:35
Operator : VA/AP
Sample : K1697-03
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-03-031119-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.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, 2-butenyl-	13.69	6.0	ug/l	117725	4	12.54	976540	50.0
Benzene, 1-etheny...	13.84	9.0	ug/l	175017	4	12.54	976540	50.0
Naphthalene, 1,2,...	13.96	5.7	ug/l	111991	4	12.54	976540	50.0
Benzene, (1-methy...	14.45	6.1	ug/l	119551	4	12.54	976540	50.0
1H-Indene, 2,3-di...	14.73	10.6	ug/l	207135	4	12.54	976540	50.0
Naphthalene, 1,2,...	14.98	5.5	ug/l	108119	4	12.54	976540	50.0
Naphthalene, 1,2,...	15.10	6.1	ug/l	119963	4	12.54	976540	50.0