

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061489.D
 Acq On : 23 Jan 2019 18:12
 Operator : VA/AP
 Sample : K1223-07
 Misc : 5.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-S

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\82F011519S.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	1.071	43	45	48	rBV	7983	15470	2.03%	0.344%
2	2.176	153	157	160	rBV4	9637	24216	3.18%	0.538%
3	2.235	160	163	172	rVB2	17267	56842	7.47%	1.263%
4	4.001	338	342	347	rBV3	2536	9552	1.26%	0.212%
5	4.109	347	353	364	rVV	116970	365276	48.03%	8.117%
6	4.326	367	375	385	rVB2	28258	99189	13.04%	2.204%
7	4.859	420	429	445	rBV2	213912	760575	100.00%	16.902%
8	5.589	497	503	515	rBV	240259	666508	87.63%	14.811%
9	6.260	565	571	576	rBV3	3923	13791	1.81%	0.306%
10	6.437	583	589	597	rBV7	5036	20606	2.71%	0.458%
11	6.891	631	635	639	rBV	5881	12338	1.62%	0.274%
12	7.148	656	661	665	rBV2	3934	9889	1.30%	0.220%
13	7.552	697	702	715	rBV	285280	672462	88.41%	14.944%
14	9.771	921	927	939	rBV	249707	568634	74.76%	12.636%
15	10.837	1032	1035	1041	rVB	21894	46788	6.15%	1.040%
16	11.222	1068	1074	1076	rBV2	4821	10133	1.33%	0.225%
17	11.409	1089	1093	1104	rBV	186645	333375	43.83%	7.408%
18	11.577	1106	1110	1115	rVB2	34711	63846	8.39%	1.419%
19	11.656	1115	1118	1122	rBV4	6069	11479	1.51%	0.255%
20	12.011	1149	1154	1155	rBV3	3941	8032	1.06%	0.178%
21	12.198	1169	1173	1176	rBV4	5275	8932	1.17%	0.198%
22	12.287	1178	1182	1184	rBV2	18692	31155	4.10%	0.692%
23	12.455	1193	1199	1202	rBV	22258	34933	4.59%	0.776%
24	12.543	1205	1208	1218	rVB	211507	373265	49.08%	8.295%
25	12.958	1246	1250	1251	rBV2	5477	7986	1.05%	0.177%
26	13.283	1279	1283	1286	rVB2	4248	8440	1.11%	0.188%
27	13.707	1321	1326	1329	rBV3	3062	7853	1.03%	0.175%
28	13.776	1329	1333	1339	rBV	40169	63643	8.37%	1.414%
29	13.875	1339	1343	1345	rVB4	5253	8490	1.12%	0.189%
30	14.082	1359	1364	1367	rBV2	4010	7771	1.02%	0.173%
31	14.201	1374	1376	1382	rBV5	3166	8400	1.10%	0.187%
32	14.427	1395	1399	1409	rVB3	42812	94079	12.37%	2.091%
33	14.802	1435	1437	1442	rVV2	6709	11640	1.53%	0.259%
34	15.739	1526	1532	1535	rVV2	20693	42140	5.54%	0.936%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
Data File : VF061489.D
Acq On : 23 Jan 2019 18:12
Operator : VA/AP
Sample : K1223-07
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-S

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_F\METHODS\82F011519S.M
Title : SW846 8260

35	15.848	1539	1543	1544	rVV2	4543	8886	1.17%	0.197%
36	15.877	1544	1546	1550	rVB3	5642	13377	1.76%	0.297%

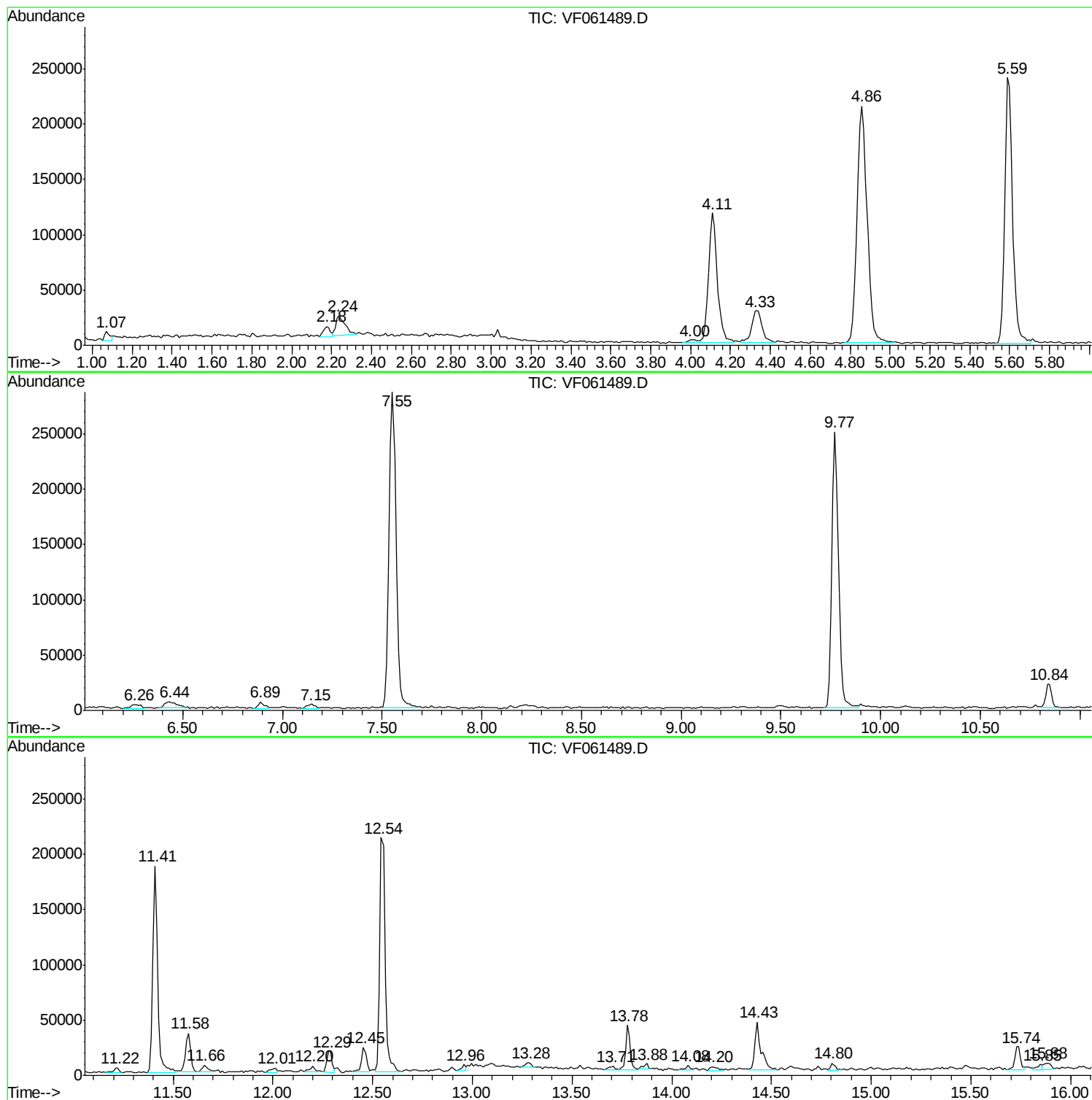
Sum of corrected areas: 4499991

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012319\
Data File : VF061489.D
Acq On : 23 Jan 2019 18:12
Operator : VA/AP
Sample : K1223-07
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-S

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012319\
Data File : VF061489.D
Acq On : 23 Jan 2019 18:12
Operator : VA/AP
Sample : K1223-07
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-S

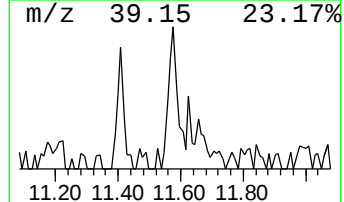
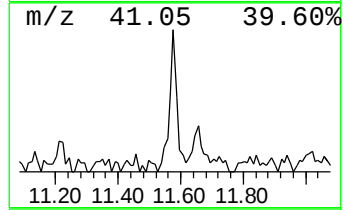
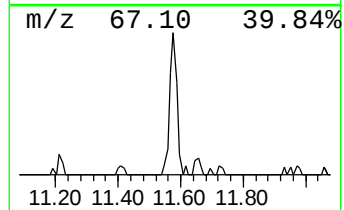
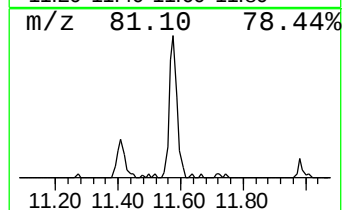
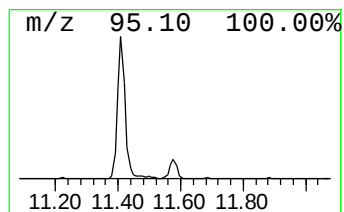
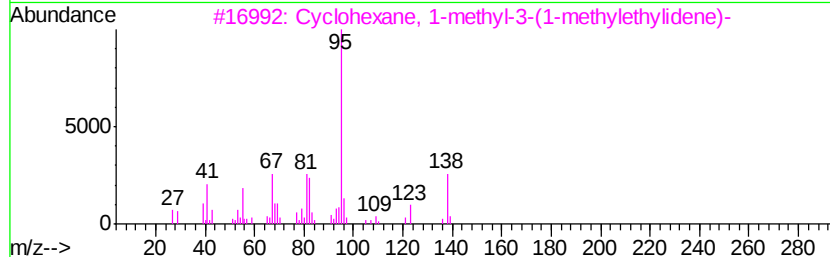
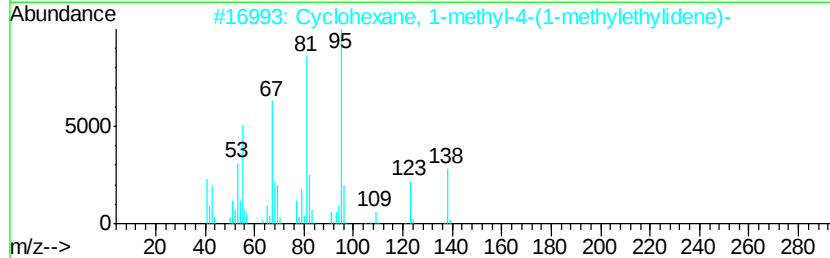
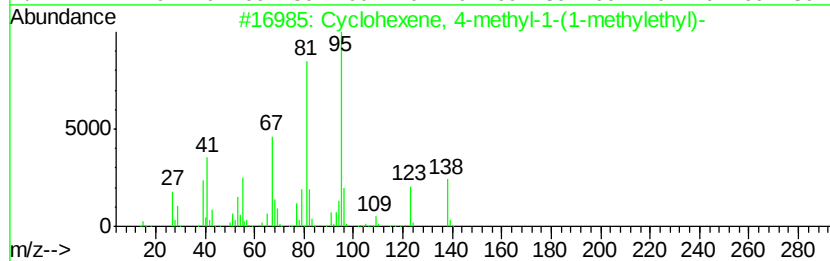
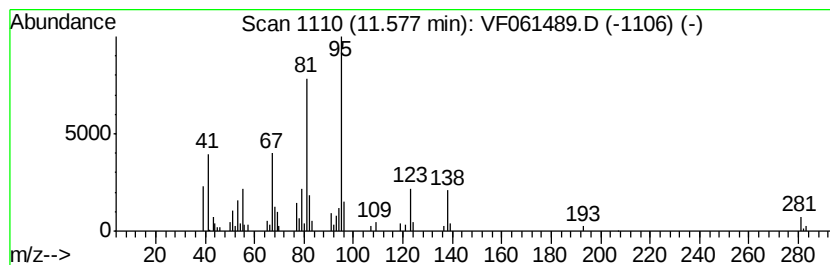
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	8.55 ug/l	63846	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	97
2		Cyclohexane, 1-methyl-4-(1-methyl-...	138	C10H18	001124-27-2	95
3		Cyclohexane, 1-methyl-3-(1-methyl-...	138	C10H18	013828-34-7	86
4		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	64
5		3,5-Octadiene, 2,7-dimethyl-, (E...	138	C10H18	055682-64-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012319\
Data File : VF061489.D
Acq On : 23 Jan 2019 18:12
Operator : VA/AP
Sample : K1223-07
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-S

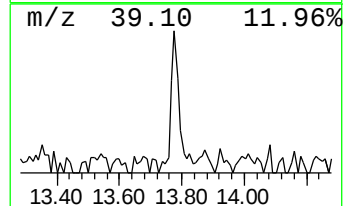
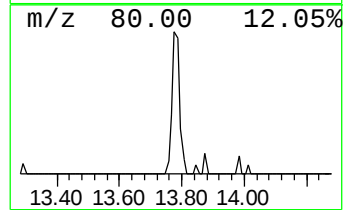
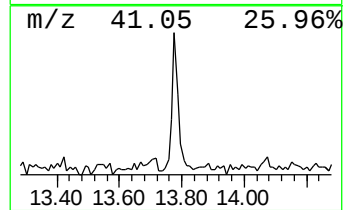
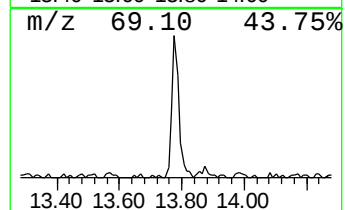
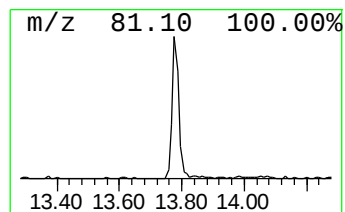
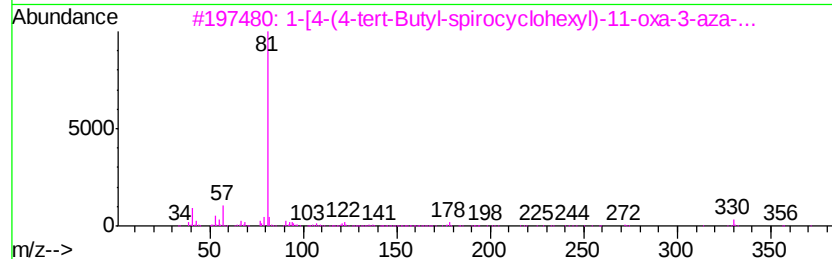
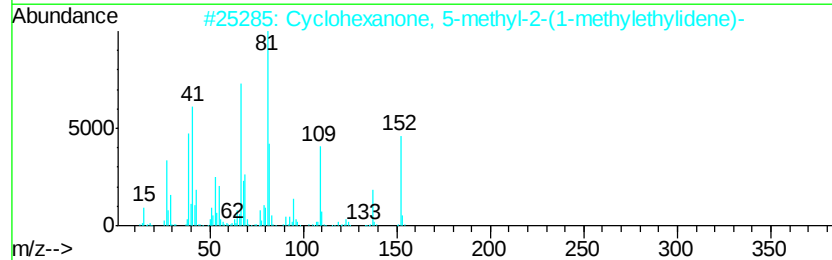
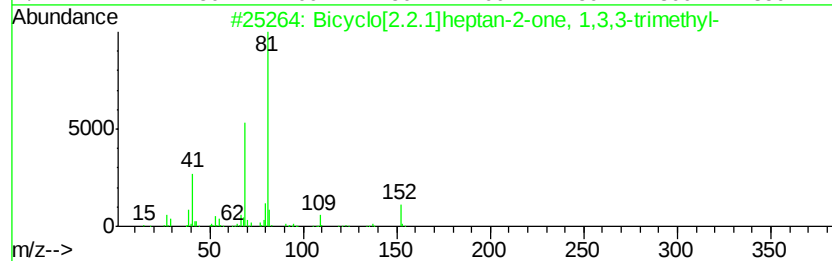
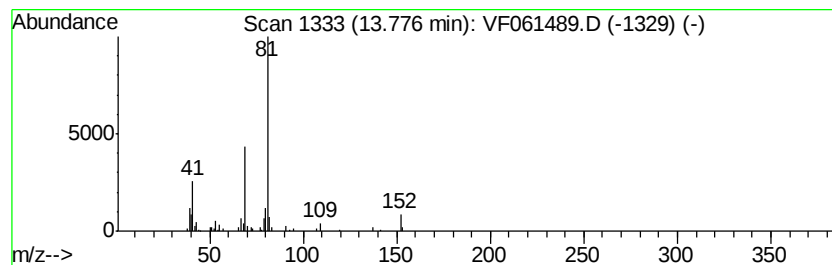
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	8.53 ug/l	63643	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45
3		1-[4-(4-tert-Butyl-spirocyclohex...	371	C20H28F3N02	1000301-43-3	42
4		L-Fenchone	152	C10H16O	007787-20-4	42
5		D-Fenchone	152	C10H16O	004695-62-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012319\
Data File : VF061489.D
Acq On : 23 Jan 2019 18:12
Operator : VA/AP
Sample : K1223-07
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-S

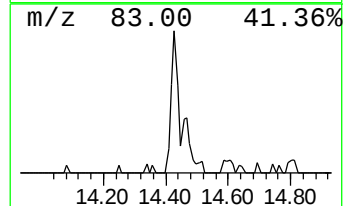
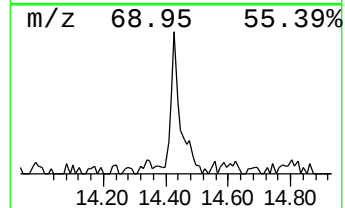
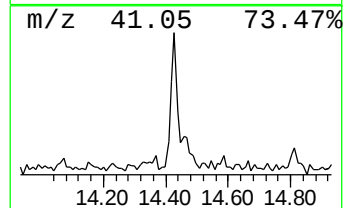
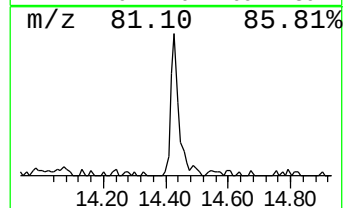
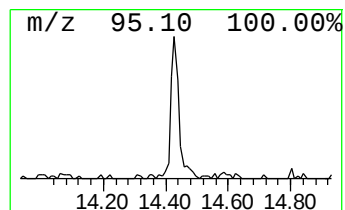
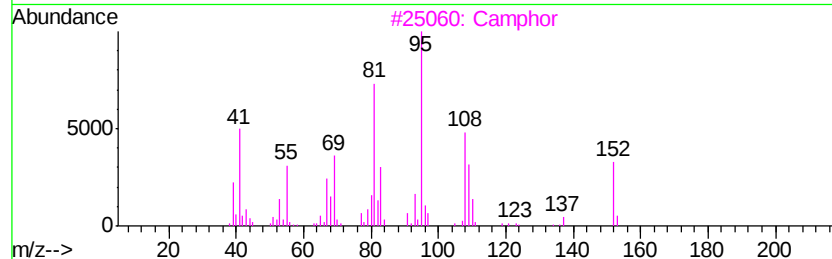
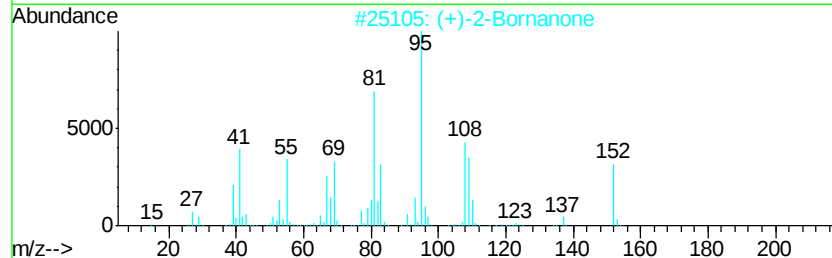
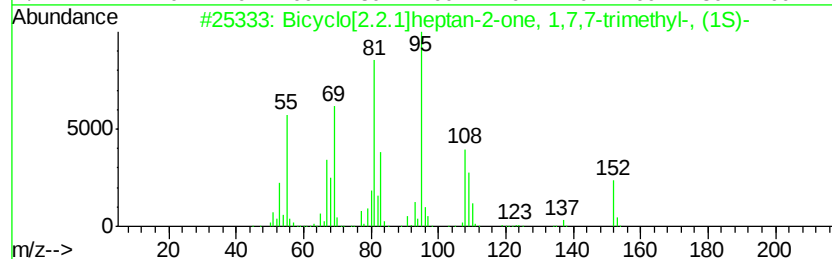
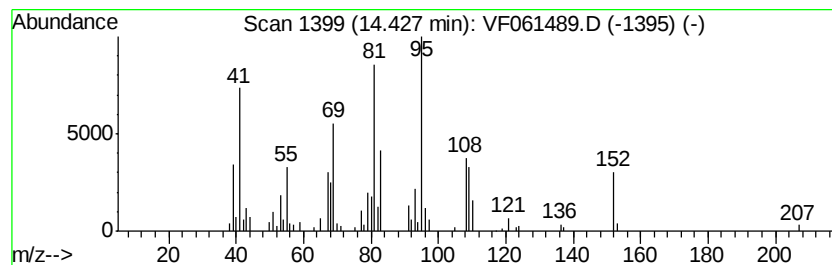
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	12.60 ug/l	94079	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	94
3		Camphor	152	C10H16O	000076-22-2	94
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
5		Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061489.D
 Acq On : 23 Jan 2019 18:12
 Operator : VA/AP
 Sample : K1223-07
 Misc : 5.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-S

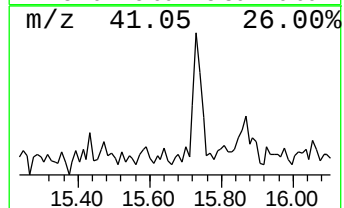
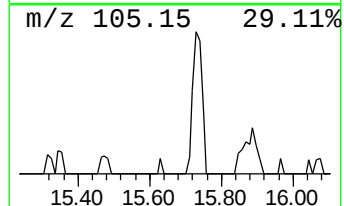
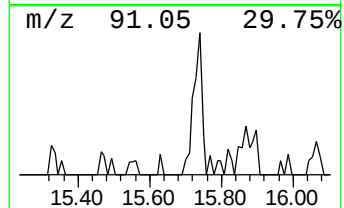
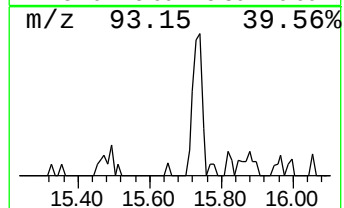
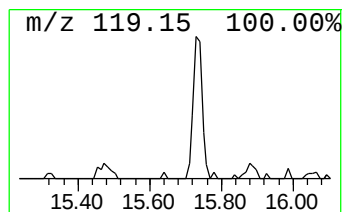
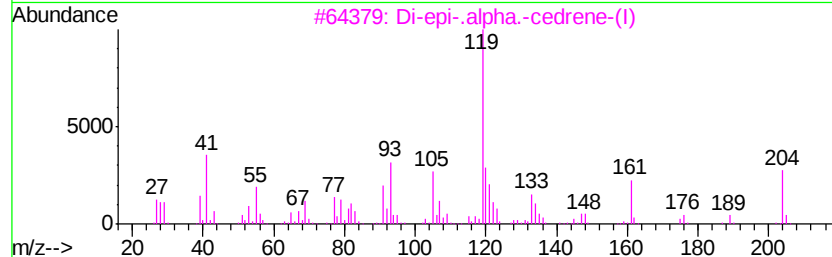
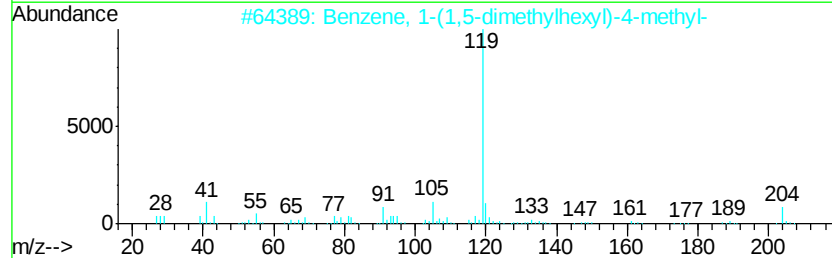
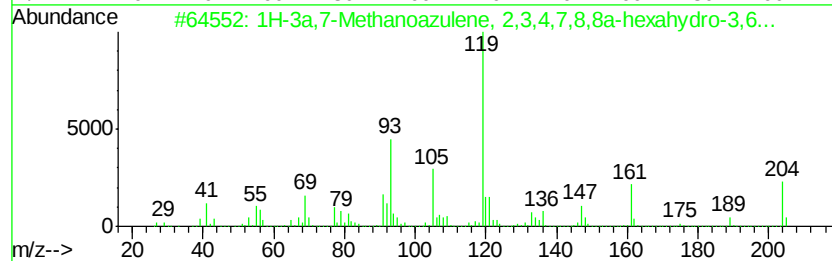
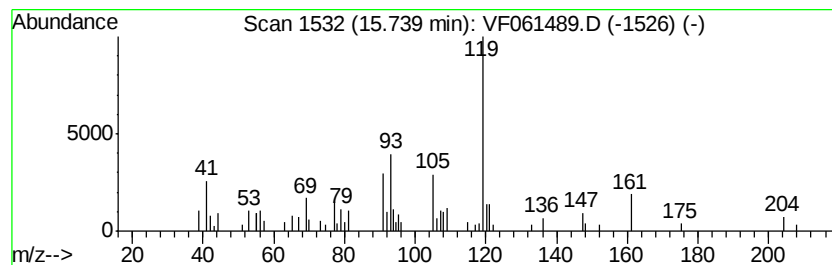
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260

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

 Peak Number 4 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	5.64 ug/l	42140	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	91
2		Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	46
3		Di-epi-.alpha.-cedrene-(I)	204	C15H24	021996-77-0	45
4		trans-Sesquisabinene hydrate	222	C15H26O	1000374-17-6	42
5		.beta.-curcumene	204	C15H24	1000374-17-4	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012319\
Data File : VF061489.D
Acq On : 23 Jan 2019 18:12
Operator : VA/AP
Sample : K1223-07
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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
Cyclohexene, 4-me...	11.58	8.6	ug/l	63846	4	12.55	373265	50.0
Bicyclo[2.2.1]hep...	13.78	8.5	ug/l	63643	4	12.55	373265	50.0
Bicyclo[2.2.1]hep...	14.43	12.6	ug/l	94079	4	12.55	373265	50.0
1H-3a,7-Methanoaz...	15.74	5.6	ug/l	42140	4	12.55	373265	50.0