

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012037.D
 Acq On : 03 Sep 2019 22:14
 Operator : SY/SP
 Sample : K4546-06
 Misc : 5.42g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(2.5)

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_X\METHOD\82X090319S.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	1.064	25	29	42	rVB	690485	805816	58.82%	5.600%
2	2.844	311	321	328	rBV	13187	25687	1.87%	0.178%
3	5.484	739	754	769	rBV	94406	273371	19.95%	1.900%
4	5.649	769	781	795	rVB	179750	513117	37.45%	3.566%
5	6.051	837	847	863	rBV	103100	274080	20.01%	1.905%
6	6.850	967	978	990	rBV	277696	670773	48.96%	4.661%
7	8.709	1273	1283	1292	rBV	545000	848884	61.96%	5.899%
8	10.105	1507	1512	1523	rBV	484192	673647	49.17%	4.681%
9	11.135	1672	1681	1695	rVB	348116	460374	33.60%	3.199%
10	12.074	1830	1835	1844	rBV	345316	438431	32.00%	3.047%
11	12.617	1917	1924	1927	rBV8	8973	21076	1.54%	0.146%
12	12.733	1937	1943	1945	rBV7	13180	26480	1.93%	0.184%
13	12.812	1953	1956	1961	rVB2	16454	22234	1.62%	0.155%
14	12.867	1961	1965	1971	rBV3	33637	62990	4.60%	0.438%
15	12.977	1973	1983	1986	rBV3	48928	120172	8.77%	0.835%
16	13.056	1991	1996	1999	rBV3	37714	63738	4.65%	0.443%
17	13.092	1999	2002	2006	rBV6	31874	49945	3.65%	0.347%
18	13.147	2006	2011	2012	rBV4	33433	53459	3.90%	0.371%
19	13.257	2023	2029	2032	rBV6	53721	129232	9.43%	0.898%
20	13.348	2040	2044	2050	rBV2	128542	192974	14.09%	1.341%
21	13.464	2058	2063	2066	rBV4	186325	336307	24.55%	2.337%
22	13.568	2076	2080	2083	rBV3	67924	131728	9.62%	0.915%
23	13.611	2084	2087	2090	rVB2	88298	101567	7.41%	0.706%
24	13.647	2090	2093	2095	rBV2	108717	149844	10.94%	1.041%
25	13.824	2119	2122	2124	rBV	142748	157144	11.47%	1.092%
26	13.854	2124	2127	2130	rVV3	287858	347015	25.33%	2.411%
27	13.897	2131	2134	2137	rVV3	238788	302019	22.05%	2.099%
28	14.043	2156	2158	2160	rBV2	153265	161687	11.80%	1.124%
29	14.117	2166	2170	2174	rBV3	451214	722930	52.77%	5.024%
30	14.812	2281	2284	2288	rBV2	663443	794048	57.96%	5.518%
31	14.994	2311	2314	2315	rBV2	332559	387981	28.32%	2.696%
32	15.019	2315	2318	2323	rVB	832942	1277708	93.26%	8.879%
33	15.488	2390	2395	2401	rVB	725639	1148067	83.80%	7.978%
34	15.756	2434	2439	2444	rBV3	408786	841397	61.42%	5.847%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

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_X\METHOD\82X090319S.M
Title : SW846 8260

35	15.817	2444	2449	2455	rVB2	760435	1370000	100.00%	9.520%
36	15.939	2465	2469	2475	rVB	246195	434645	31.73%	3.020%

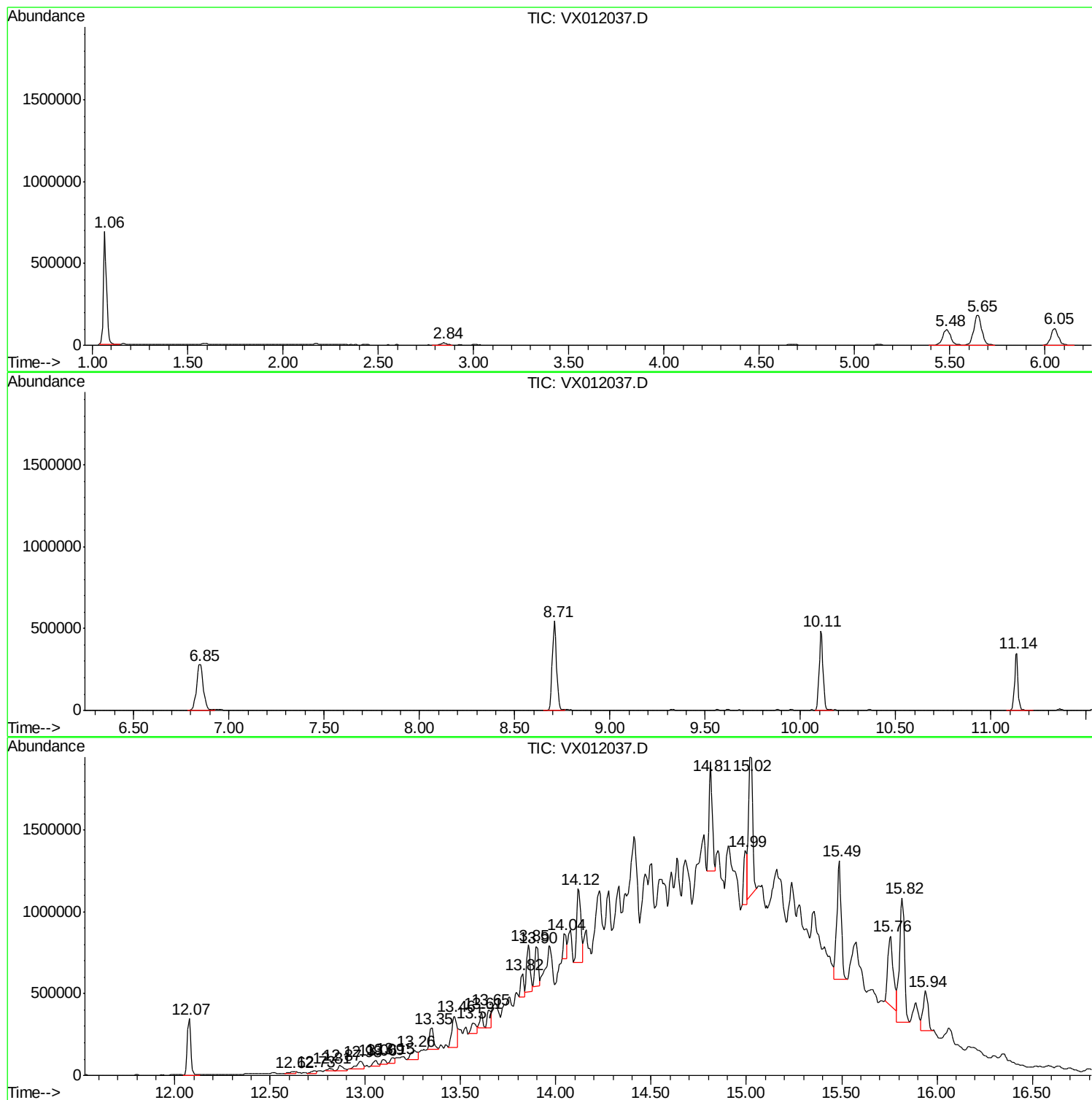
Sum of corrected areas: 14390567

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

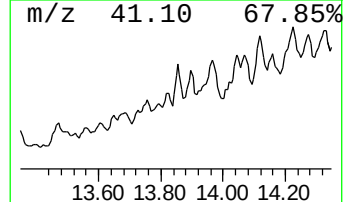
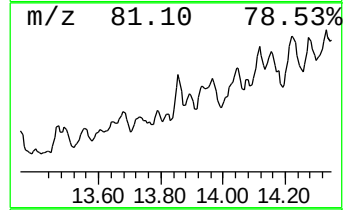
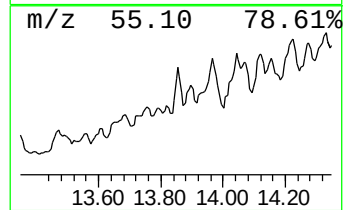
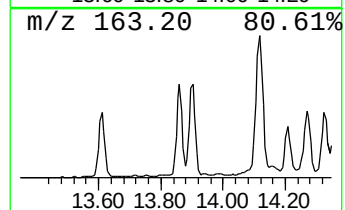
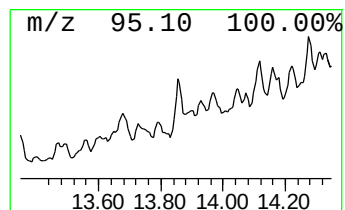
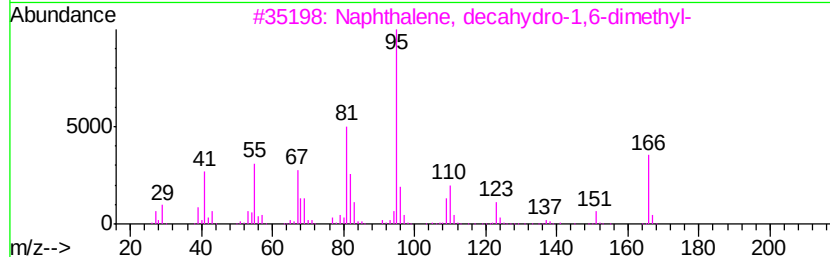
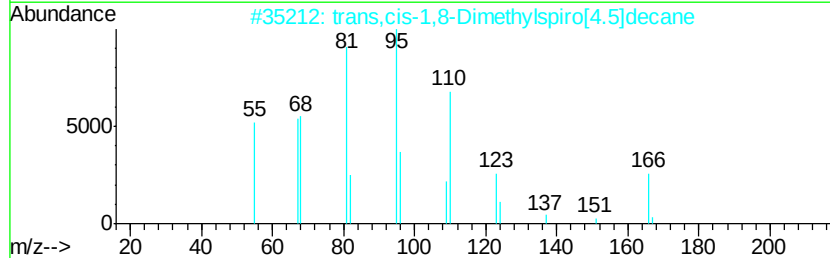
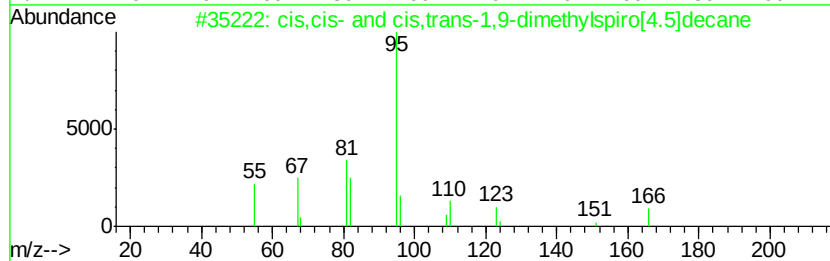
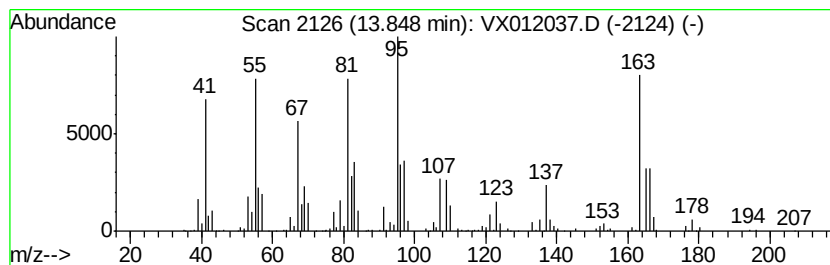
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.85 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	39.57 ug/l	347015	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	46
2		trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	42
3		Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	41
4		trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	38
5		5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

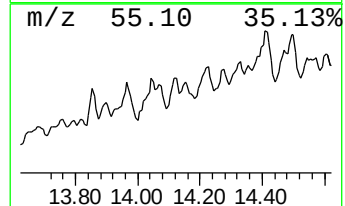
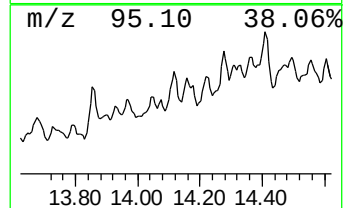
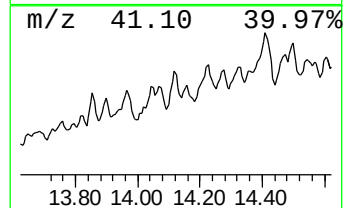
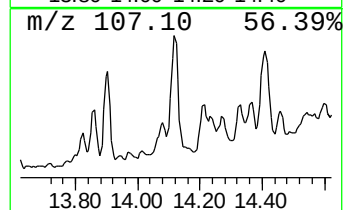
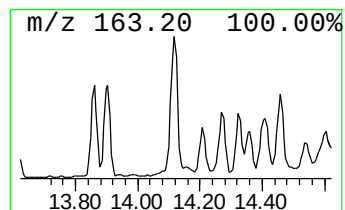
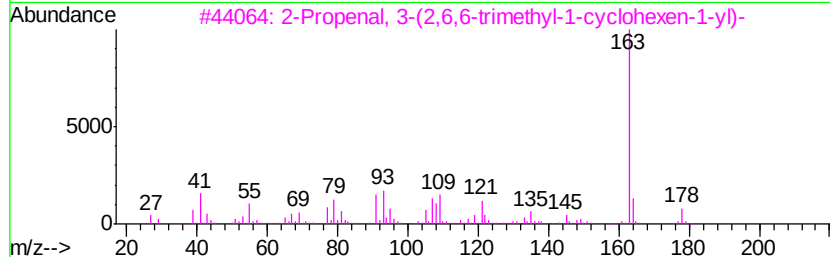
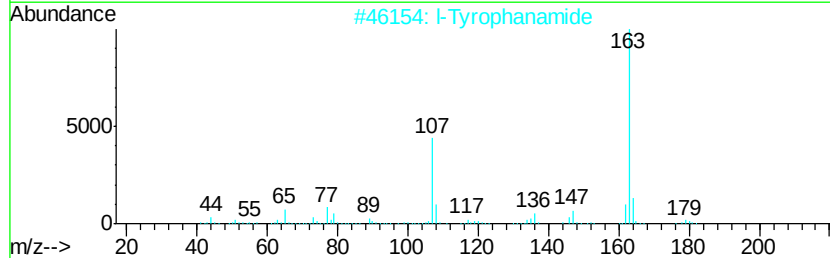
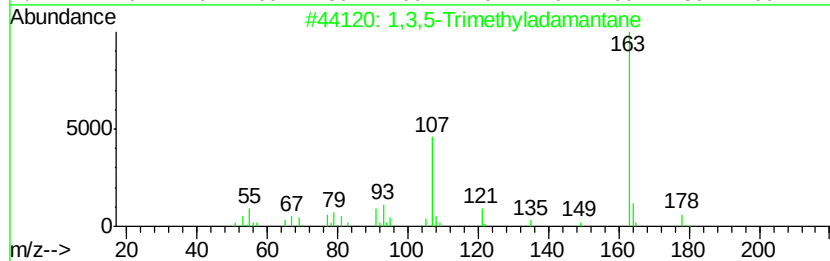
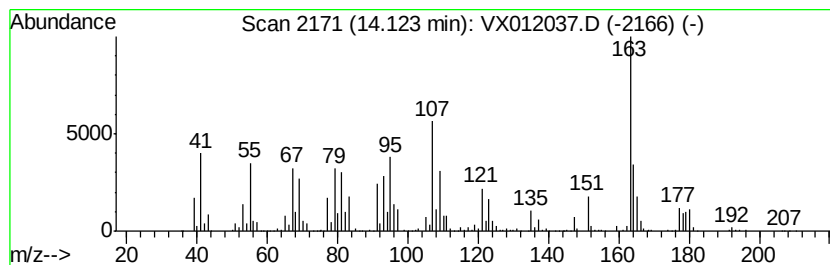
Instrument :
MSVOA_X
ClientSampled :
T3-S-C3-(2.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown14.12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.12	82.45 ug/l	722930	1,4-Dichlorobenzene-d4	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	47
2	l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	43
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	43
4	4H-1,3,2-Dioxaborin, 4,6-diethen...	178	C10H15B02	074630-03-8	38
5	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

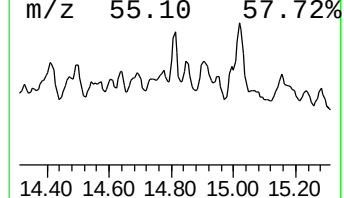
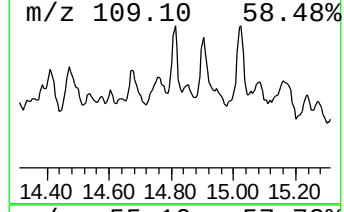
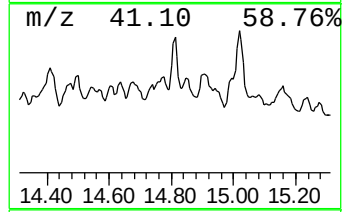
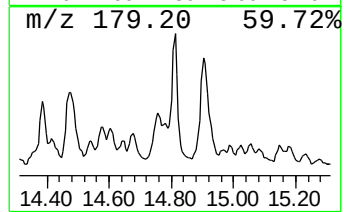
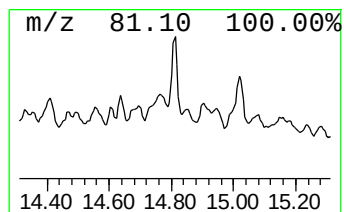
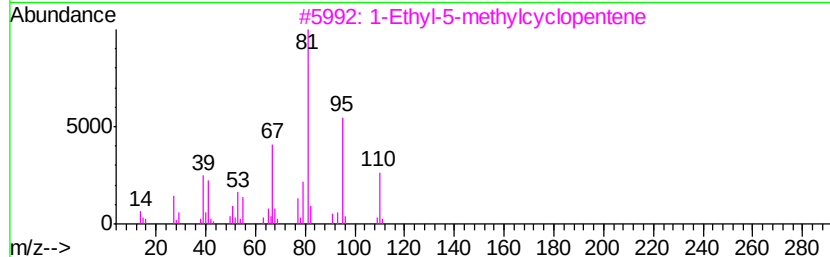
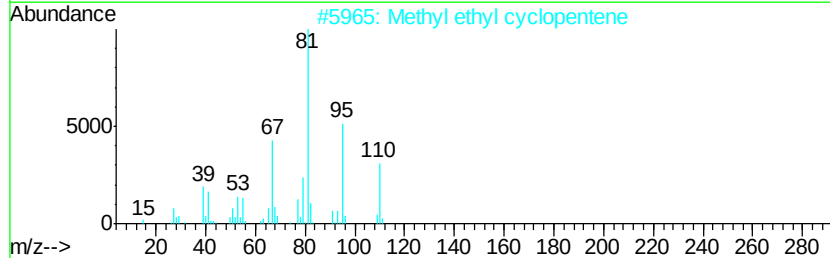
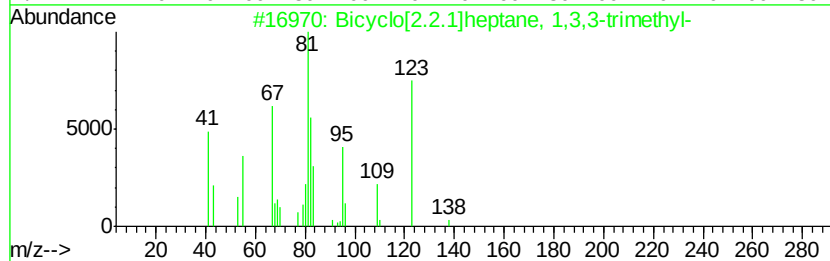
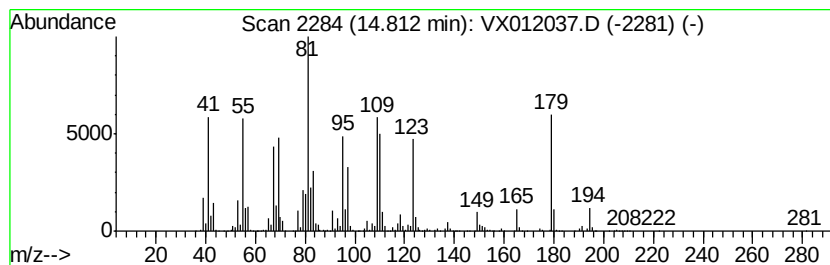
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 4 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	90.56 ug/l	794048	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	60
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	55
3		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
4		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	35
5		1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
T3-S-C3-(2.5)

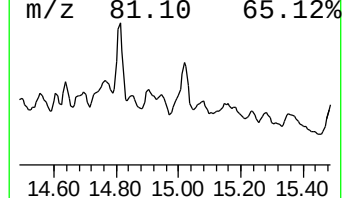
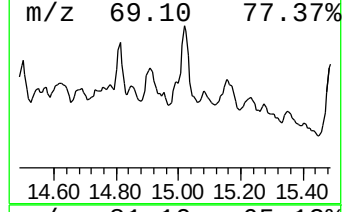
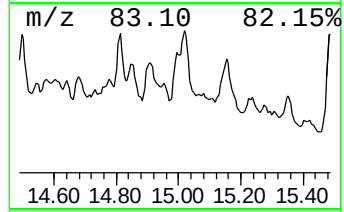
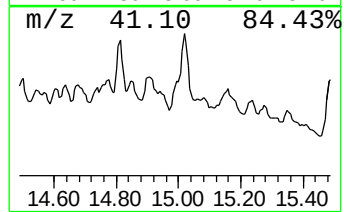
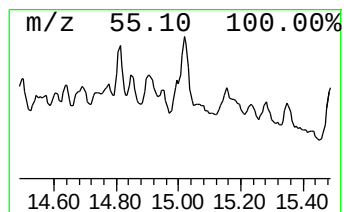
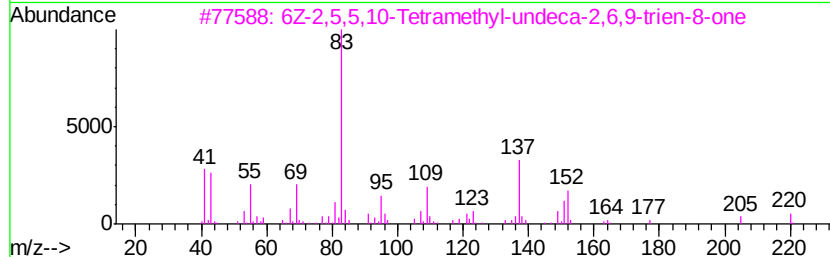
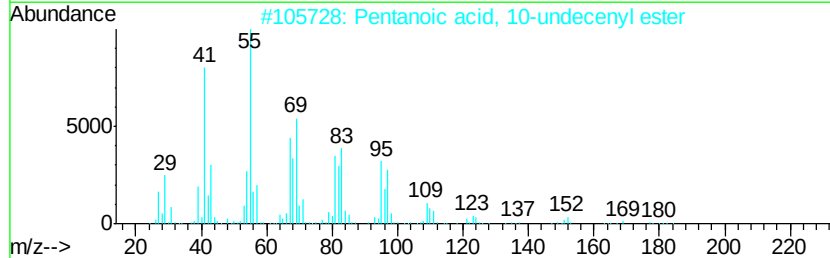
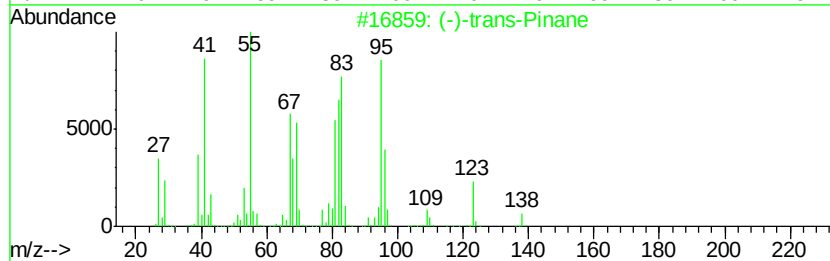
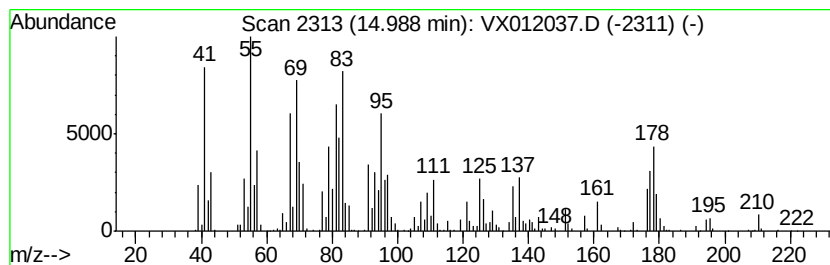
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	44.25 ug/l	387981	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-trans-Pinane	138	C10H18	033626-25-4	38
2		Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	30
3		6Z-2,5,5,10-Tetramethyl-undeca-2...	220	C15H24O	1000140-20-7	27
4		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	25
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

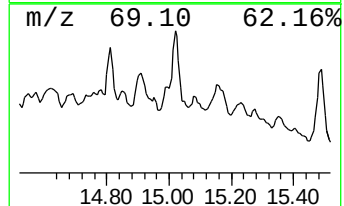
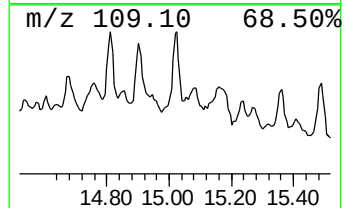
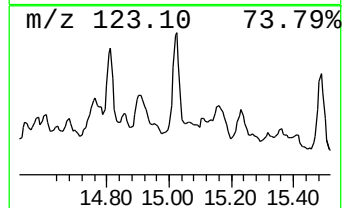
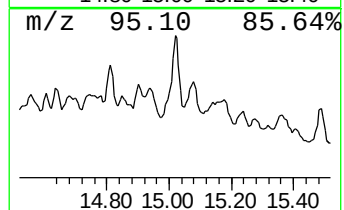
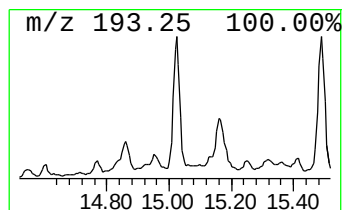
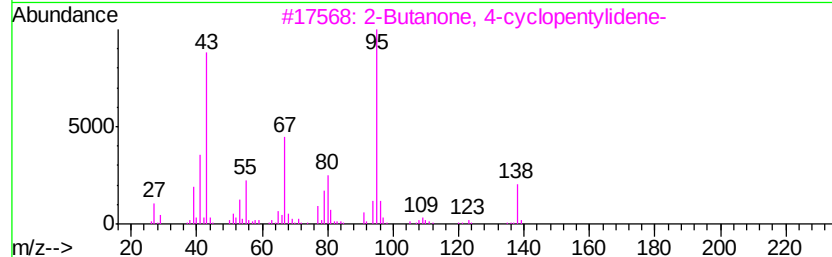
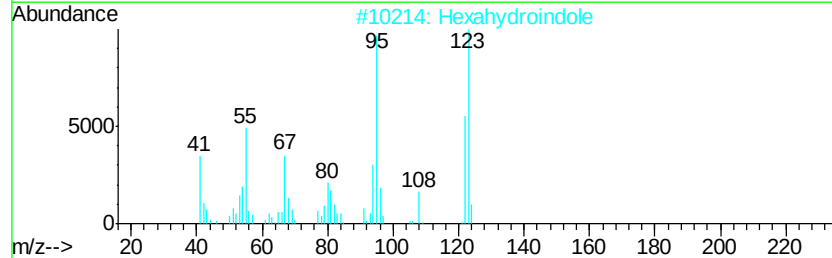
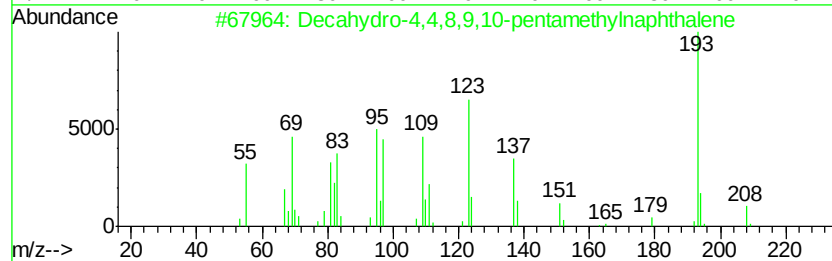
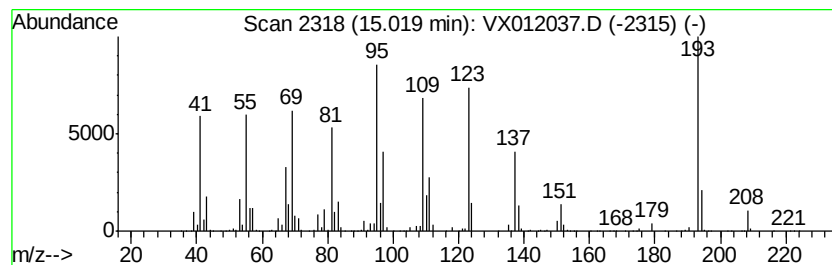
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	145.71 ug/l	1277710	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	94
2		Hexahydroindole	123	C8H13N	018159-32-5	30
3		2-Butanone, 4-cyclopentylidene-	138	C9H14O	051004-21-8	25
4		(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	22
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	20



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012037.D
 Acq On : 03 Sep 2019 22:14
 Operator : SY/SP
 Sample : K4546-06
 Misc : 5.42g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 T3-S-C3-(2.5)

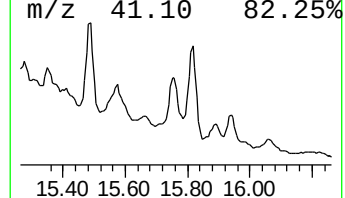
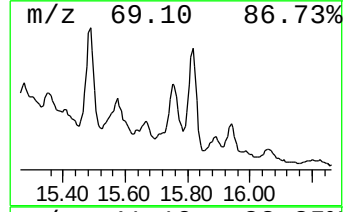
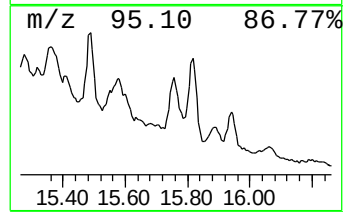
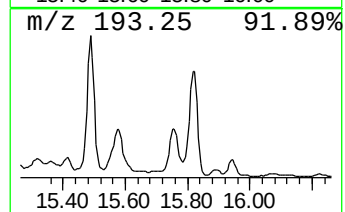
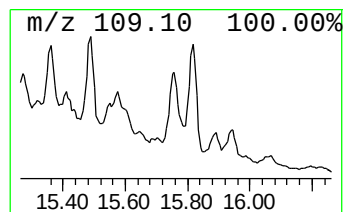
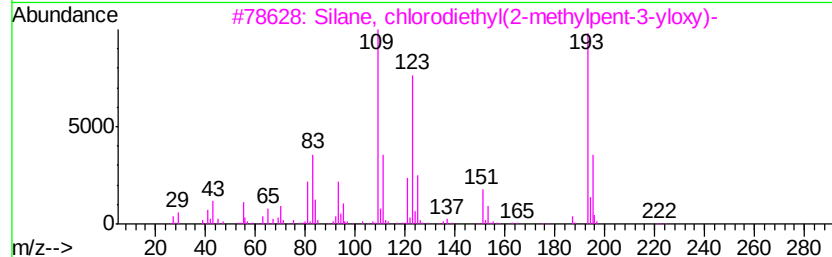
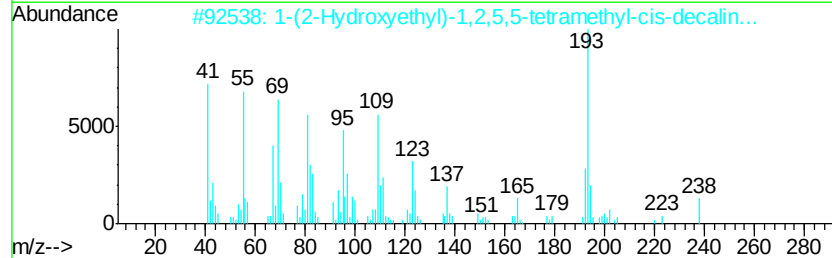
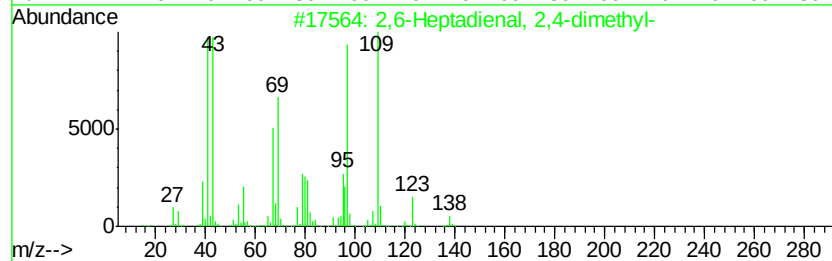
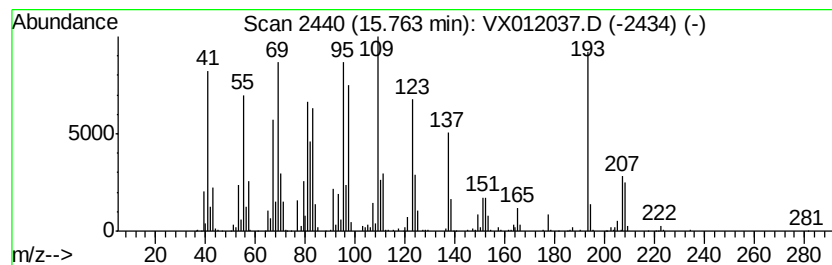
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260

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

 Peak Number 8 unknown15.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	95.96 ug/l	841397	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	46
2		1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	38
3		Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	38
4		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
5		Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

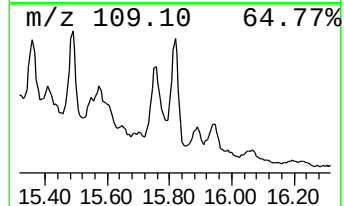
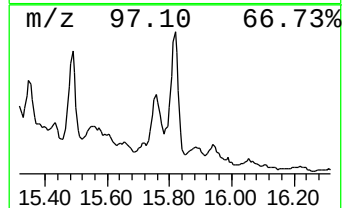
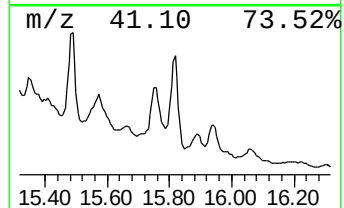
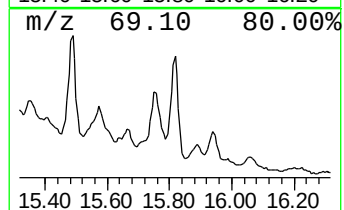
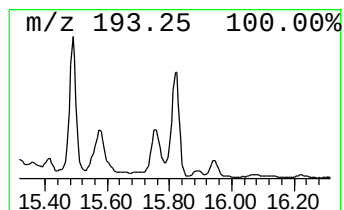
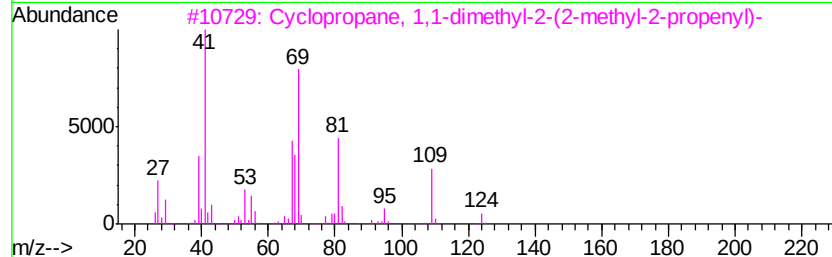
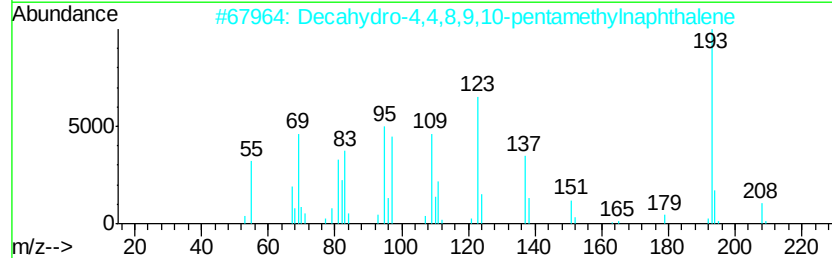
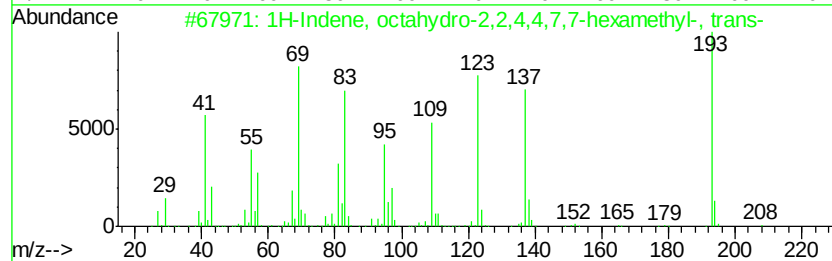
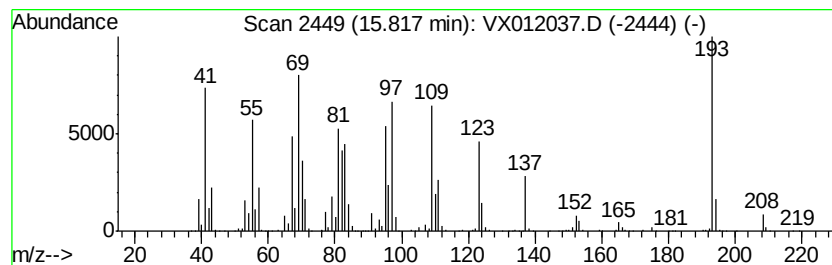
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, octahydro-2,2,4,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	156.24 ug/l	1370000	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6	53
2	Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3	46
3	Cyclopropane, 1,1-dimethyl-2-(2-...	124 C9H16	069147-03-1	30
4	2-Thiopheneacetic acid, 2-ethylc...	252 C14H20O2S	1000278-96-1	22
5	Cyclohexane, 1,1'-(1,2-dimethyl-...	222 C16H30	074663-71-1	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

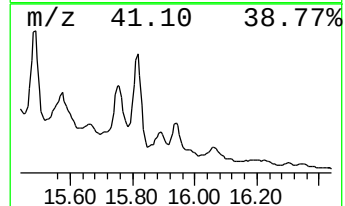
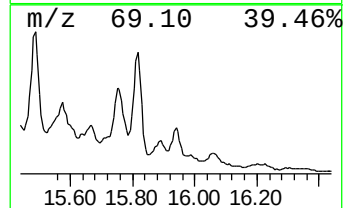
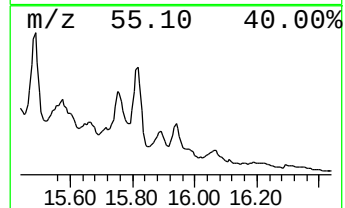
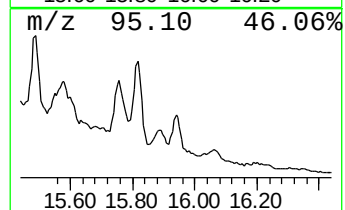
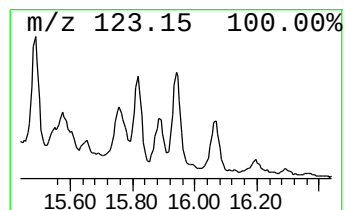
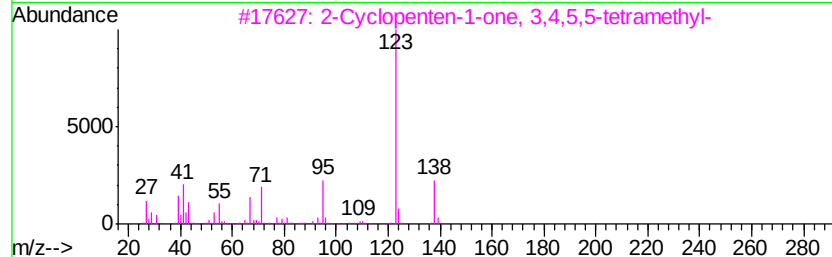
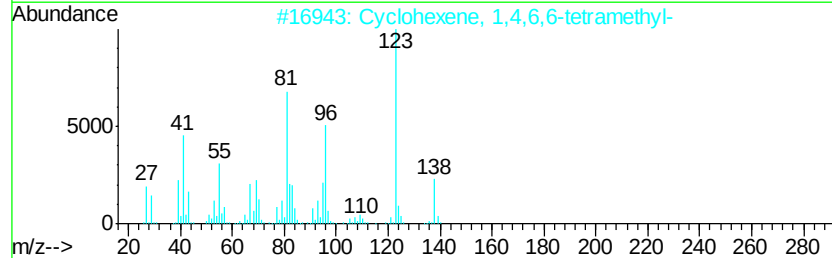
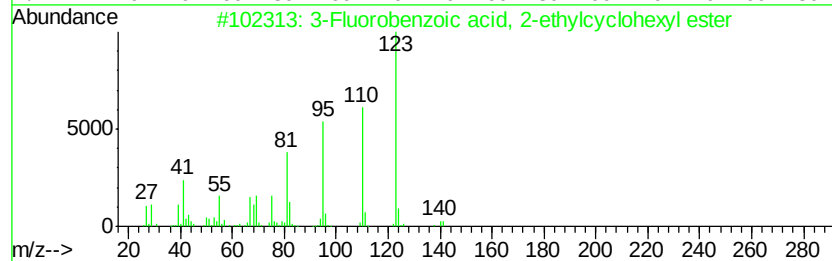
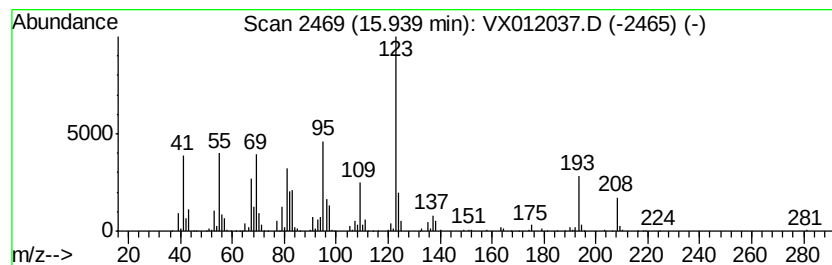
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	49.57 ug/l	434645	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Fluorobenzoic acid, 2-ethylcvc...	250	C15H19F02	1000279-04-9	43
2		Cyclohexene, 1,4,6,6-tetramethyl-	138	C10H18	070092-37-4	40
3		2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	38
4		1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	38
5		3-Fluorobenzoic acid, 1-cyclopen...	236	C14H17F02	1000279-04-7	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
Data File : VX012037.D
Acq On : 03 Sep 2019 22:14
Operator : SY/SP
Sample : K4546-06
Misc : 5.42g/5.0mL/MSVOA_X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.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
unknown13.85	13.85	39.6	ug/l	347015	4	12.07	438431	50.0
unknown14.12	14.12	82.5	ug/l	722930	4	12.07	438431	50.0
Bicyclo[2.2.1]hep...	14.81	90.6	ug/l	794048	4	12.07	438431	50.0
unknown14.99	14.99	44.3	ug/l	387981	4	12.07	438431	50.0
Decahydro-4,4,8,9...	15.02	145.7	ug/l	1277710	4	12.07	438431	50.0
unknown15.76	15.76	96.0	ug/l	841397	4	12.07	438431	50.0
1H-Indene, octahy...	15.82	156.2	ug/l	1370000	4	12.07	438431	50.0
unknown15.94	15.94	49.6	ug/l	434645	4	12.07	438431	50.0