

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006378.D
 Acq On : 10 Dec 2018 18:52
 Operator : JC/MD
 Sample : J6288-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301D-20181206

Quant Time: Dec 11 03:59:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

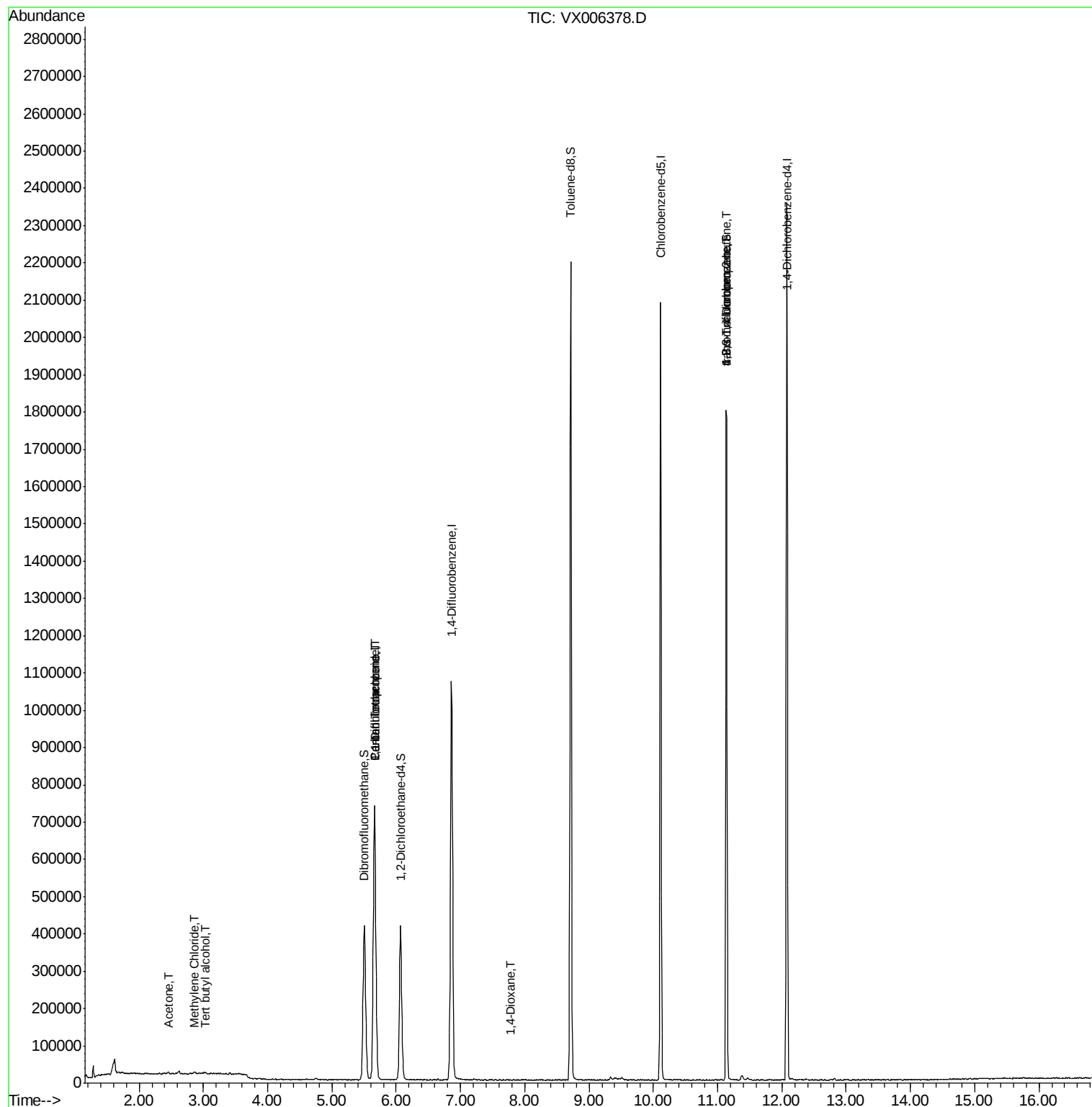
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	755642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1152130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1052744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	503866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	382204	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.50	113	356634	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	8.71	98	1346418	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	499357	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	4476	2.122	ug/l #	84
16) Acetone	2.45	43	4867	1.344	ug/l #	80
20) Methylene Chloride	2.85	84	1974	0.256	ug/l #	75
36) 1,1-Dichloropropene	5.66	75	48706	5.020	ug/l #	49
38) Carbon Tetrachloride	5.67	117	69155	6.059	ug/l #	17
49) 1,4-Dioxane	7.77	88	408	1.878	ug/l #	46
76) 1,2,3-Trichloropropane	11.13	75	225264	23.162	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	225264	54.356	ug/l #	15

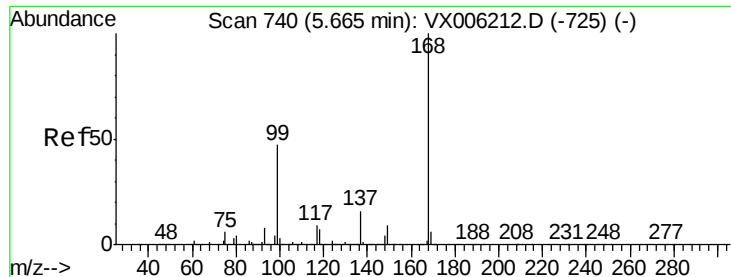
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006378.D
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BPS1-TT-MW301D-20181206

Quant Time: Dec 11 03:59:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

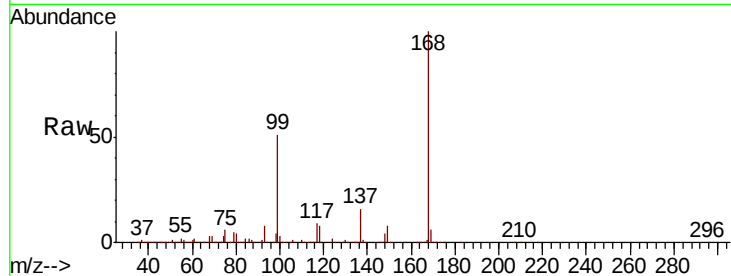
BPS1-TT-MW301D-20181206

Tot Ion:168 Resp: 755642

Ion Ratio Lower Upper

168 100

99 51.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

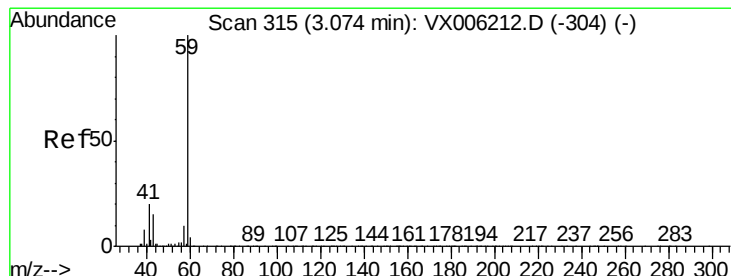
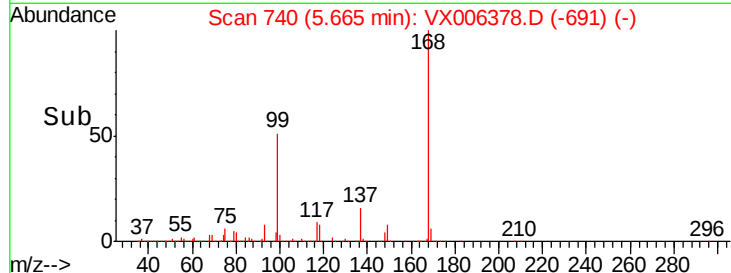
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.122 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006378.D

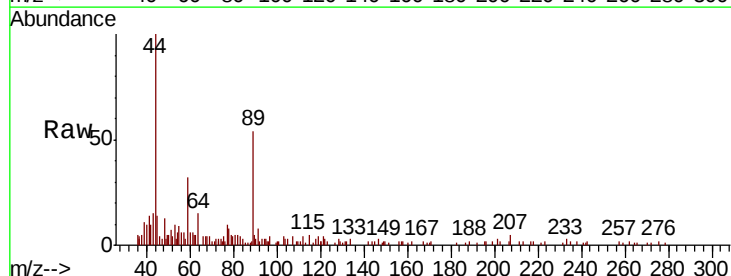
Acq: 10 Dec 2018 18:52

Tgt Ion: 59 Resp: 4476

Ion Ratio Lower Upper

59 100

57 4.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

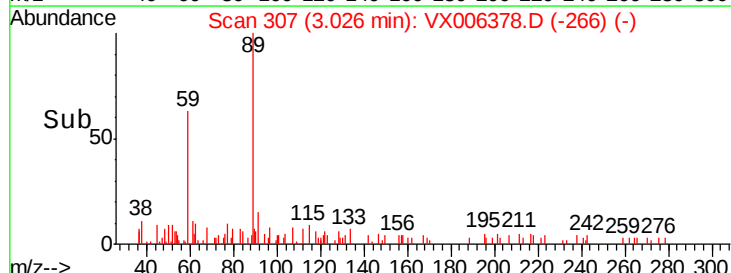
1500

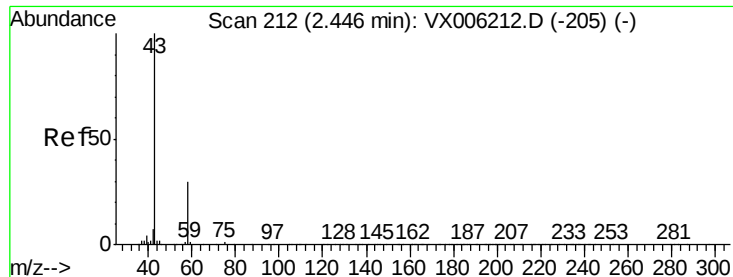
1000

500

0

Time--> 2.90 3.00 3.10

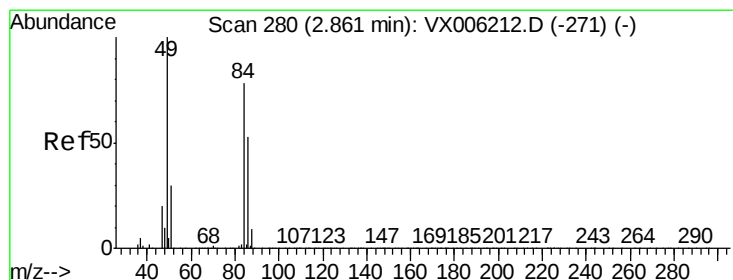
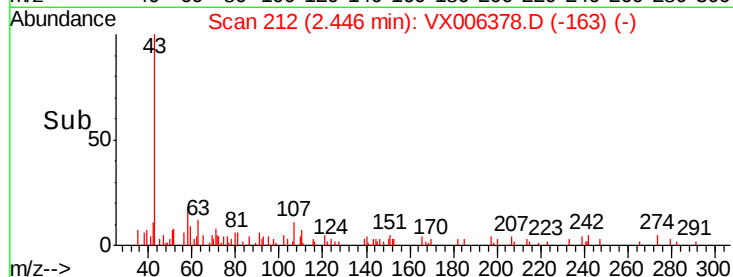
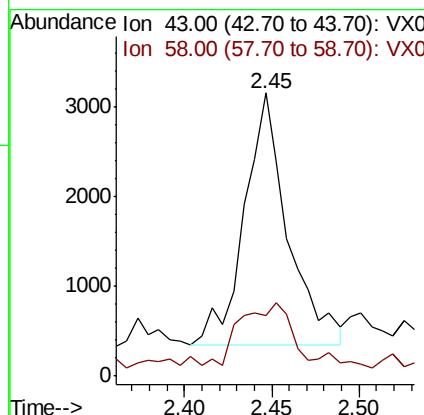
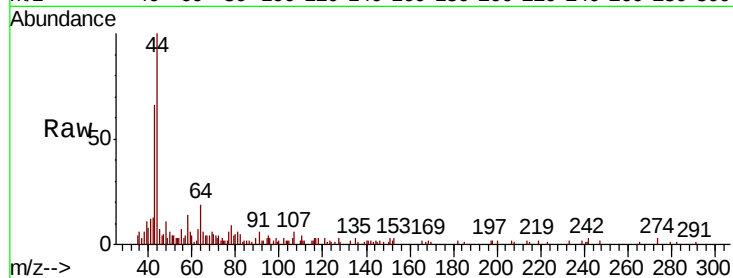




#16
Acetone
Concen: 1.344 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006378.D
Acq: 10 Dec 2018 18:52

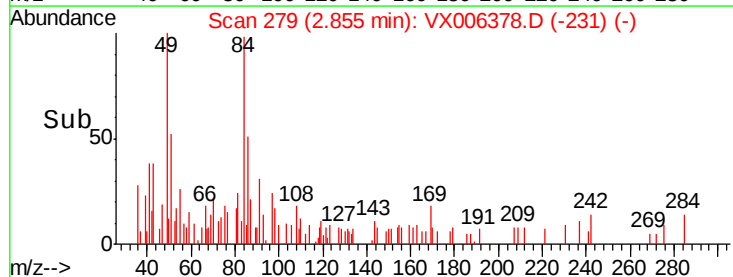
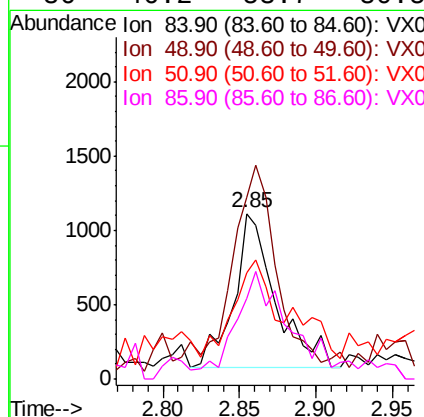
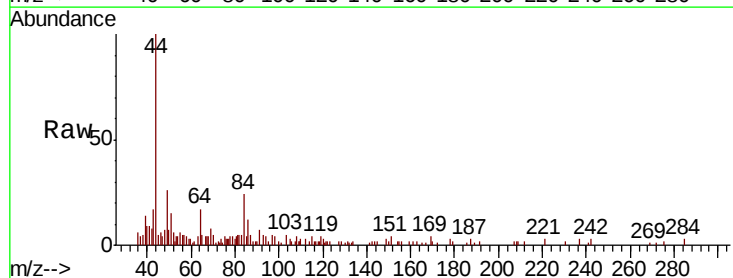
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301D-20181206

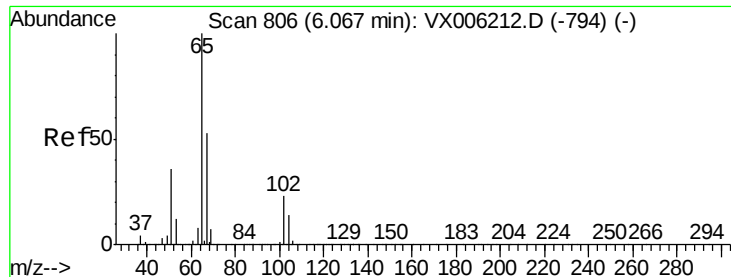
Tot Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
58 19.0 24.0 36.0#



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006378.D
Acq: 10 Dec 2018 18:52

Tgt Ion: 84 Resp: 1974
Ion Ratio Lower Upper
84 100
49 100.2 102.2 153.4#
51 56.2 31.1 46.7#
86 46.2 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 49.547 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

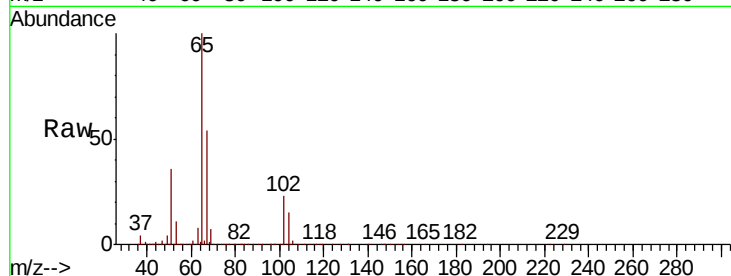
BPS1-TT-MW301D-20181206

Tot Ion: 65 Resp: 382204

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

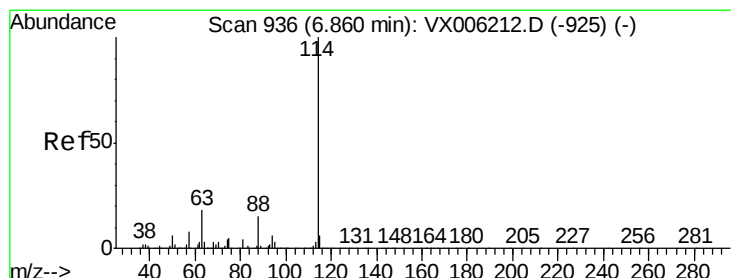
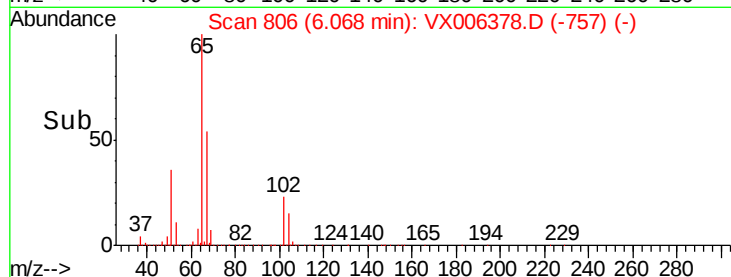
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

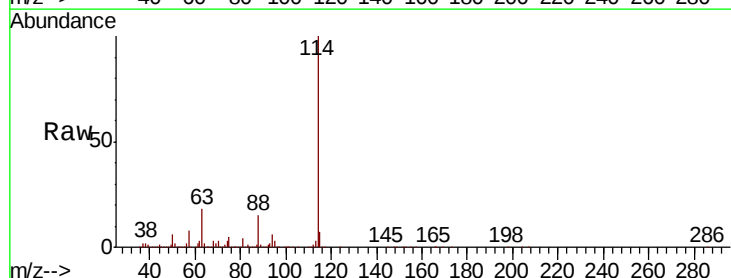
Tgt Ion: 114 Resp: 1152130

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 14.6 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

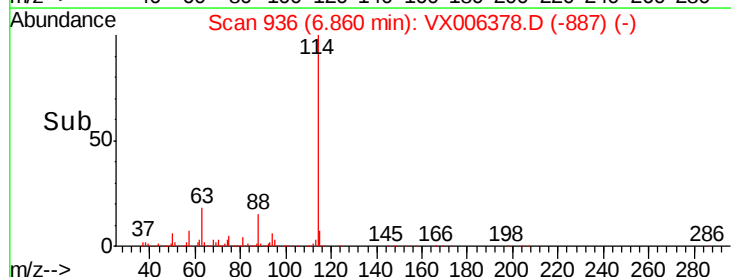
600000

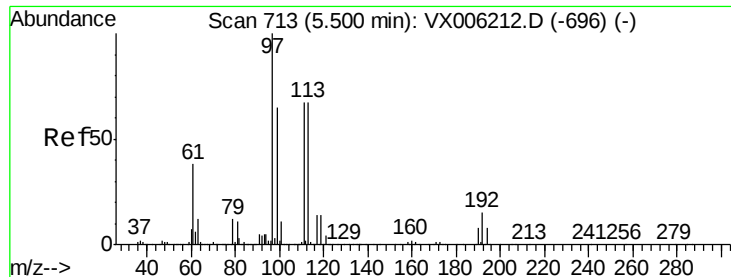
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.809 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20181206

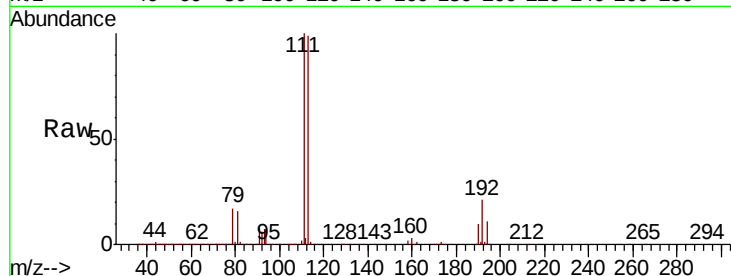
Tot Ion:113 Resp: 356634

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

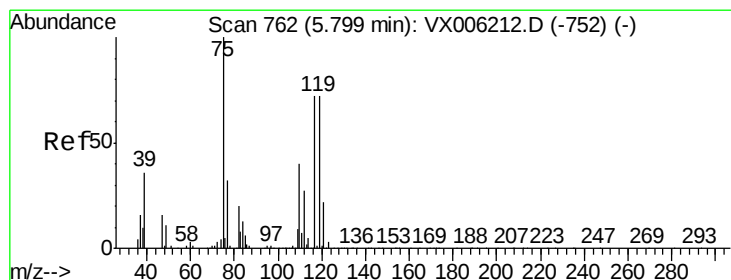
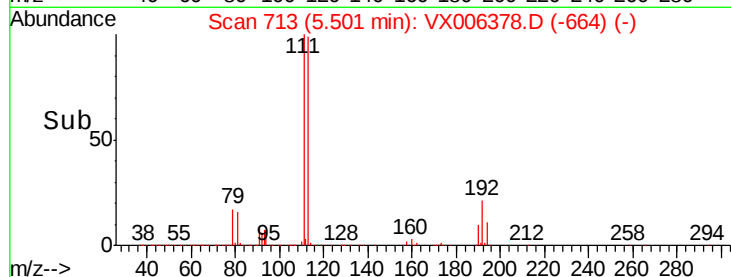
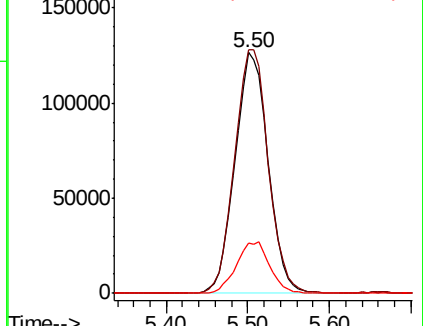
192 21.5 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.020 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

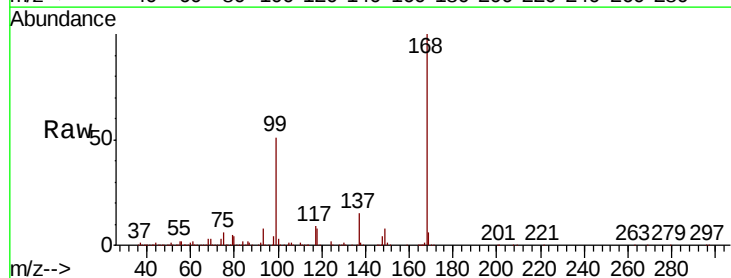
Tgt Ion: 75 Resp: 48706

Ion Ratio Lower Upper

75 100

110 10.8 20.4 61.3#

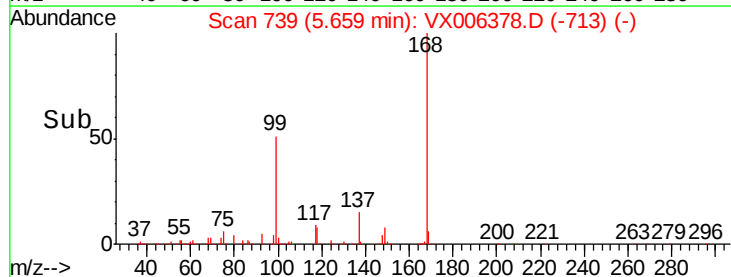
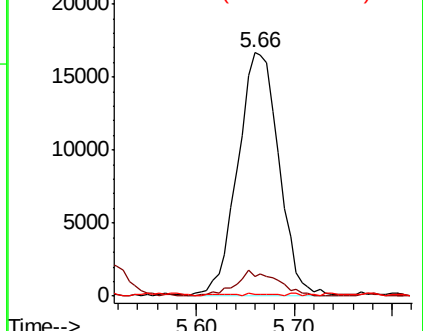
77 0.6 24.9 37.3#

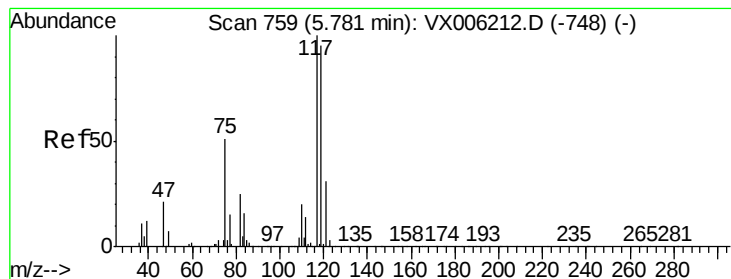


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.059 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20181206

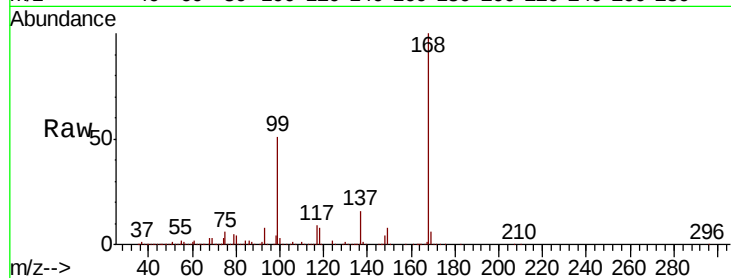
Tot Ion:117 Resp: 69155

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

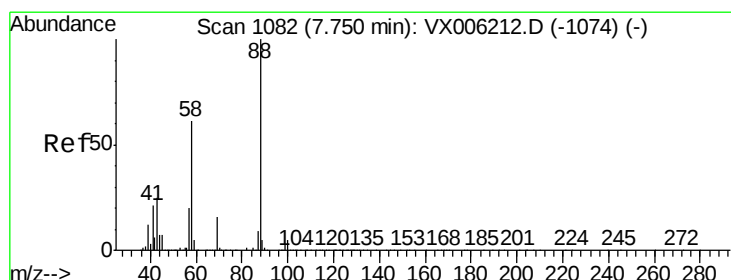
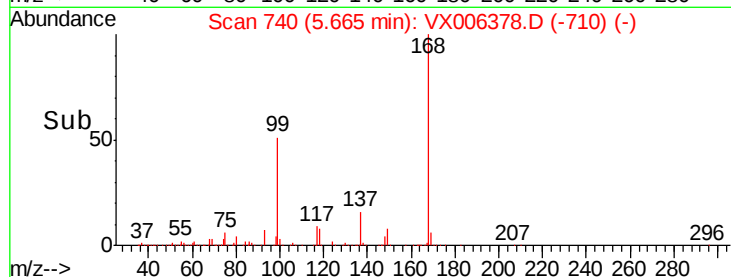
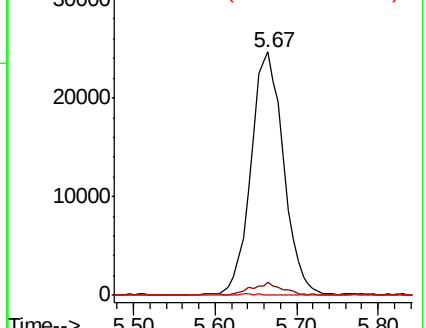
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.878 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

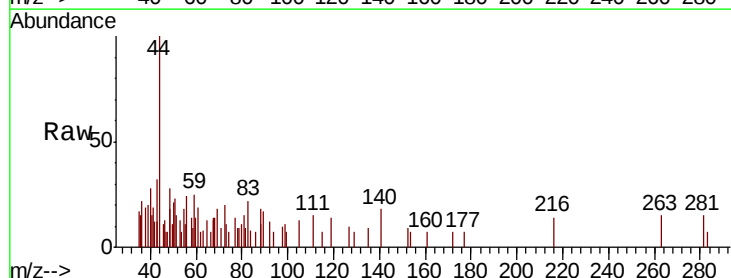
Tgt Ion: 88 Resp: 408

Ion Ratio Lower Upper

88 100

43 114.2 23.2 34.8#

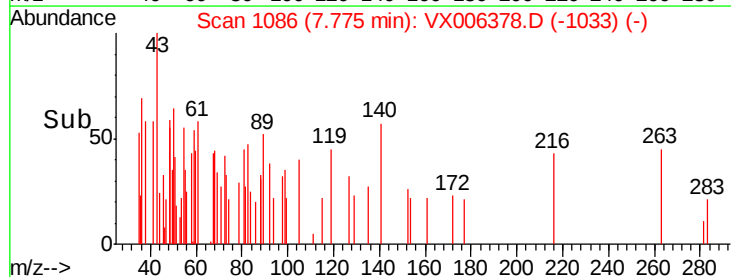
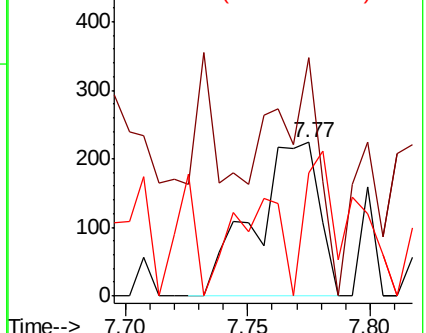
58 68.9 51.4 77.0

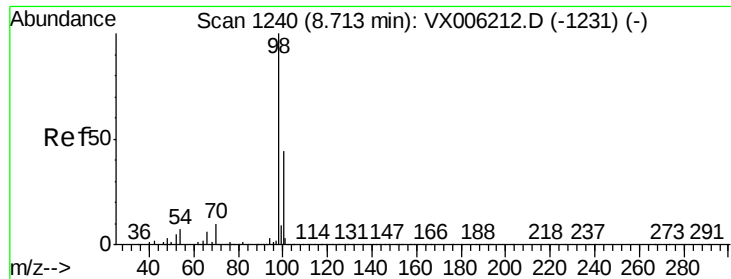


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.622 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

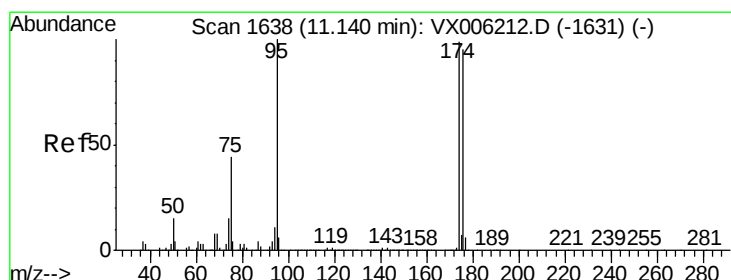
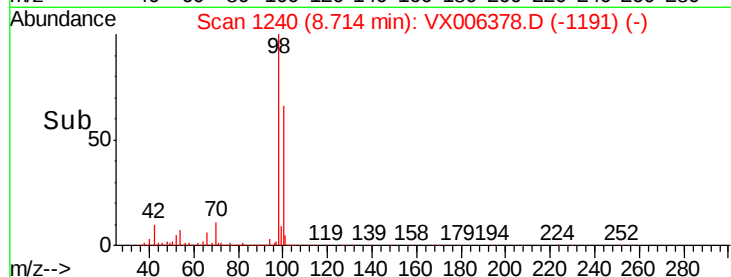
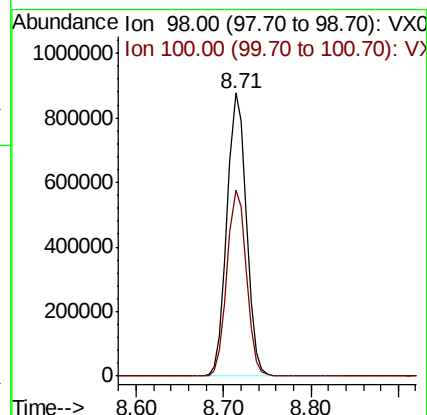
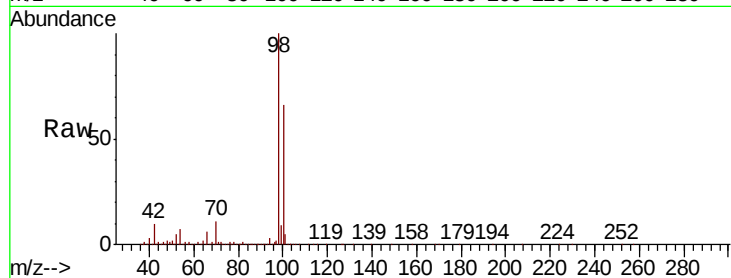
BPS1-TT-MW301D-20181206

Tot Ion: 98 Resp: 1346418

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

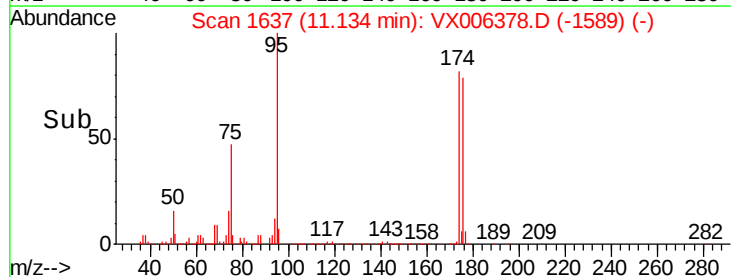
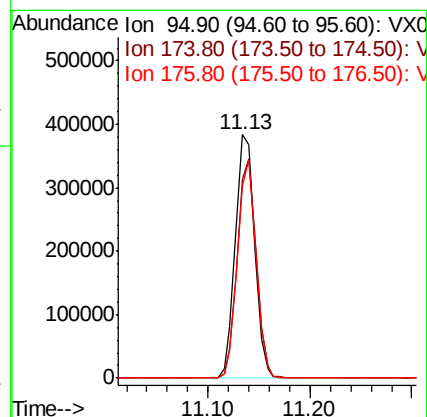
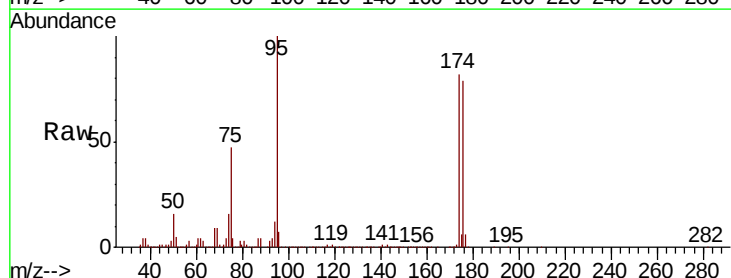
Tgt Ion: 95 Resp: 499357

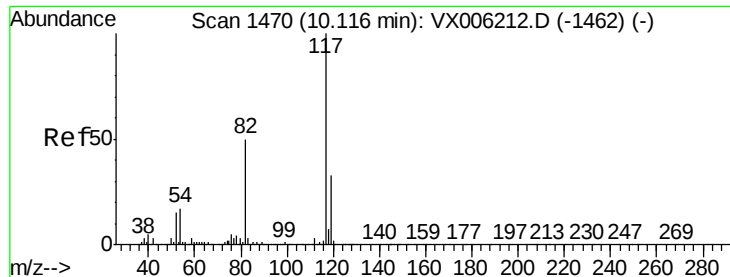
Ion Ratio Lower Upper

95 100

174 87.9 0.0 187.0

176 85.8 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20181206

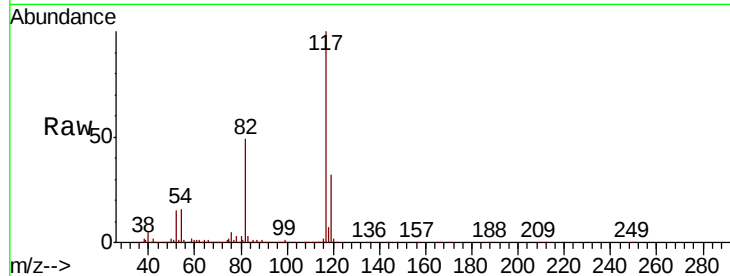
Tot Ion:117 Resp: 1052744

Ion Ratio Lower Upper

117 100

82 49.3 39.6 59.4

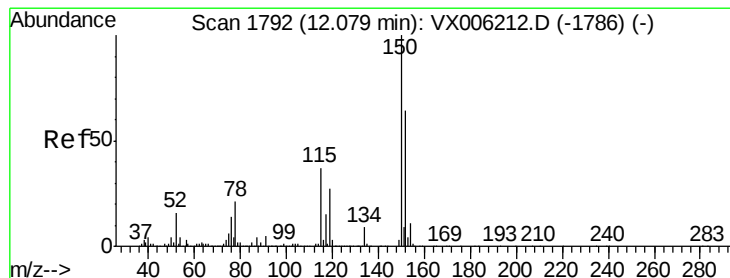
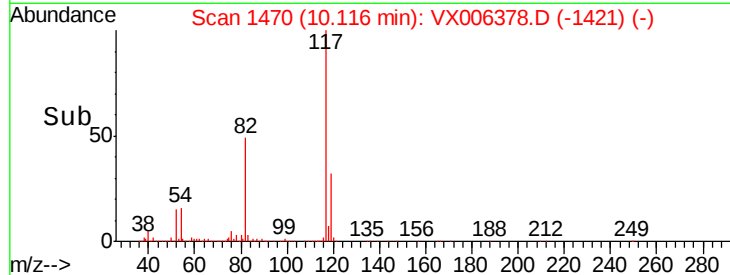
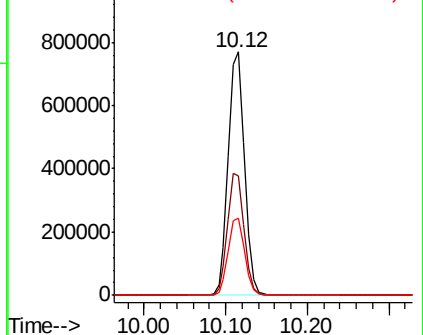
119 31.7 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006378.D

Acq: 10 Dec 2018 18:52

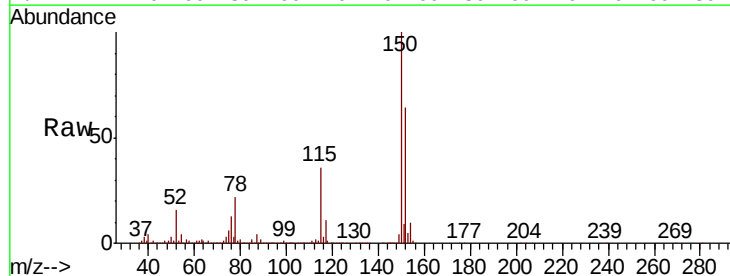
Tgt Ion:152 Resp: 503866

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

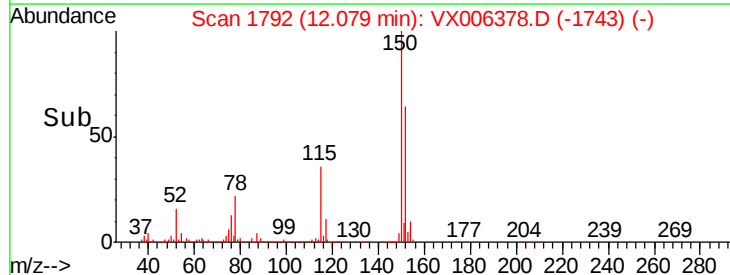
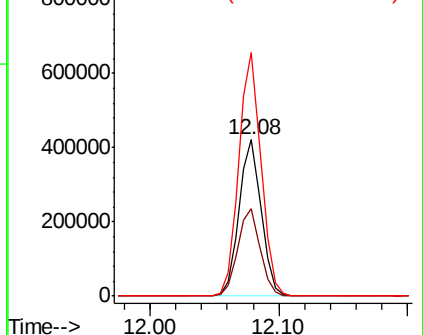
150 156.5 0.0 345.8

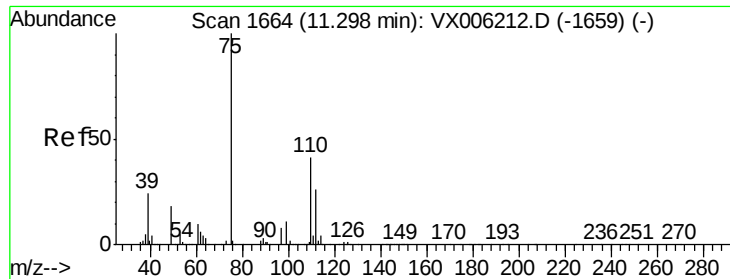


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

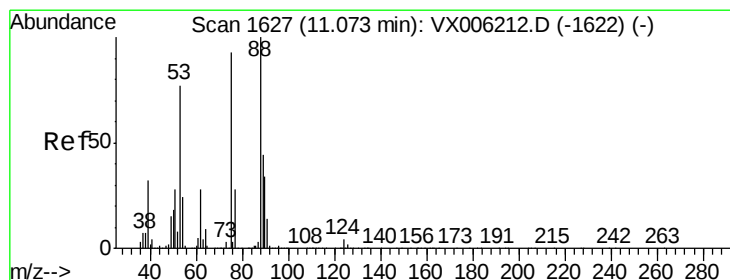
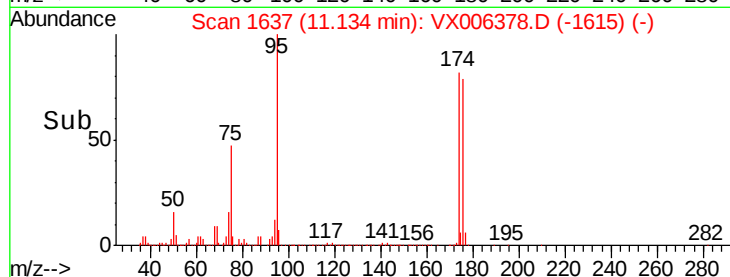
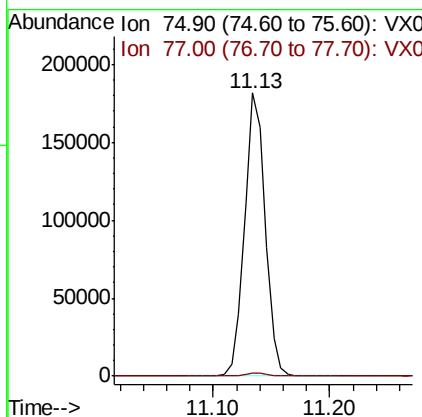
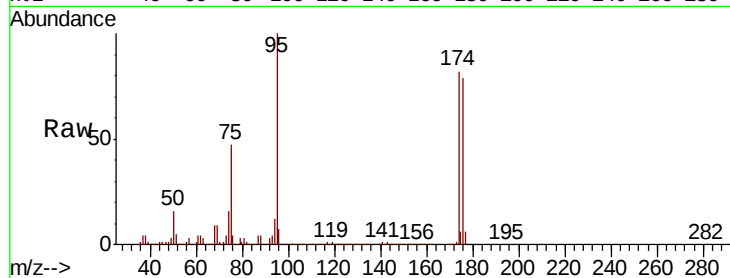




#76
 1,2,3-Trichloropropane
 Concen: 23.162 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006378.D
 Acq: 10 Dec 2018 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301D-20181206

Tot Ion: 75 Resp: 225264
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.356 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006378.D
 Acq: 10 Dec 2018 18:52

Tgt Ion: 75 Resp: 225264
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

