

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
 Data File : VX007344.D
 Acq On : 01 Feb 2019 18:39
 Operator : JC/SP
 Sample : K1296-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190130

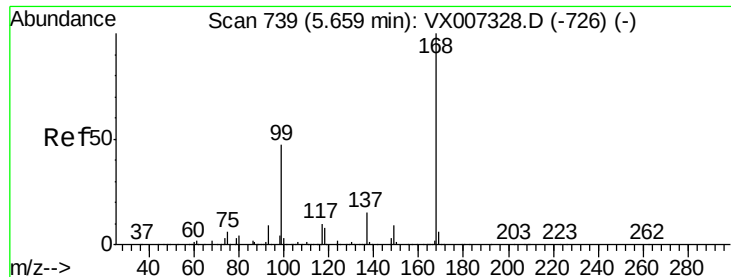
Quant Time: Feb 02 03:20:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	483398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	763606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	267248	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
35) Dibromofluoromethane	5.50	113	239266	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	912721	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	328252	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	160	0.204	ug/l	98
5) Bromomethane	1.60	94	222	Below Cal	#	65
13) Acrolein	2.32	56	352	0.707	ug/l #	14
16) Acetone	2.45	43	6772	2.881	ug/l	99
17) Carbon Disulfide	2.57	76	1653	2.252	ug/l #	89
18) Methyl Acetate	2.78	43	1592	0.850	ug/l #	67
31) Cyclohexane	5.67	56	8608	1.206	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	32193	4.699	ug/l #	48
38) Carbon Tetrachloride	5.67	117	44521	6.698	ug/l #	17
49) 1,4-Dioxane	7.73	88	91	7.622	ug/l #	1
71) Bromoform	10.86	173	323	4.093	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	158614	22.738	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	158614	68.566	ug/l #	9

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007344.D

Acq: 01 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

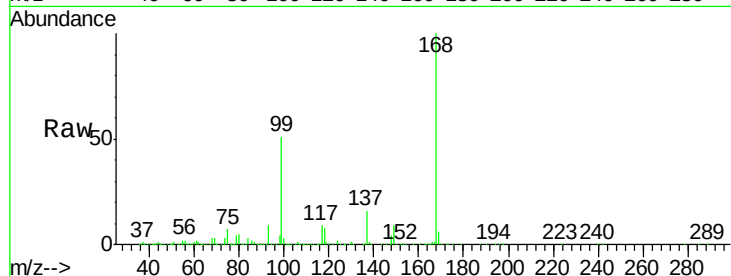
BP-TT-MW203I-20190130

Tot Ion:168 Resp: 483398

Ion Ratio Lower Upper

168 100

99 50.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

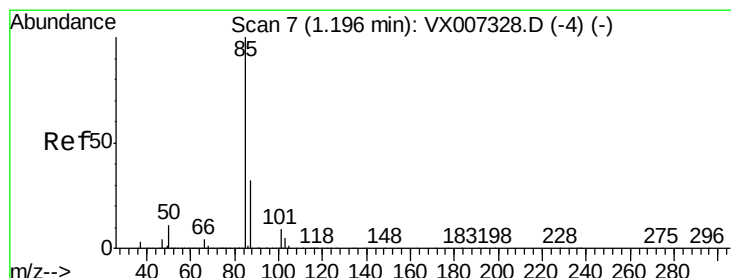
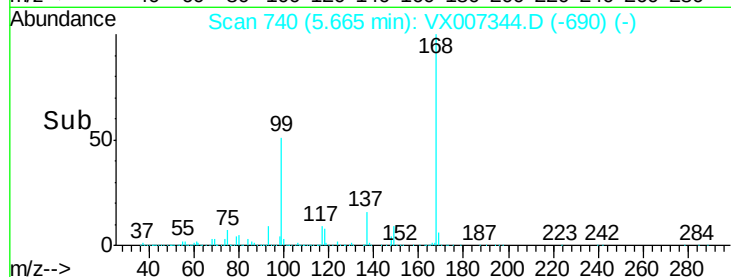
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.204 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007344.D

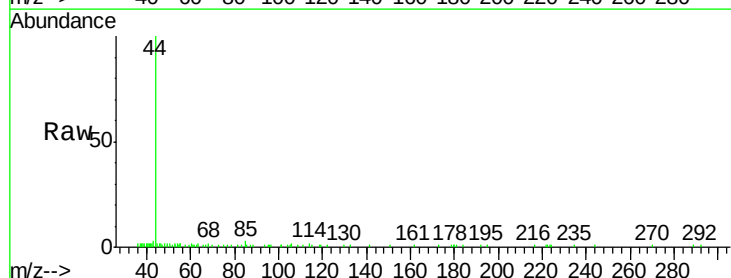
Acq: 01 Feb 2019 18:39

Tgt Ion: 85 Resp: 160

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250

200

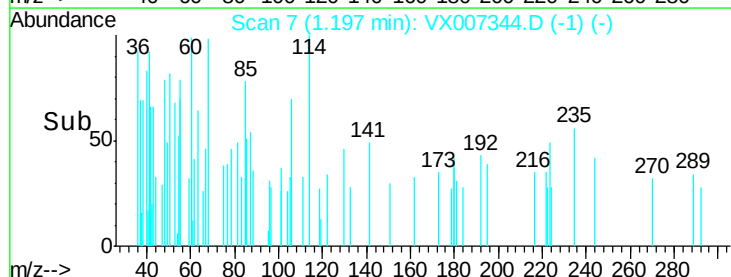
150

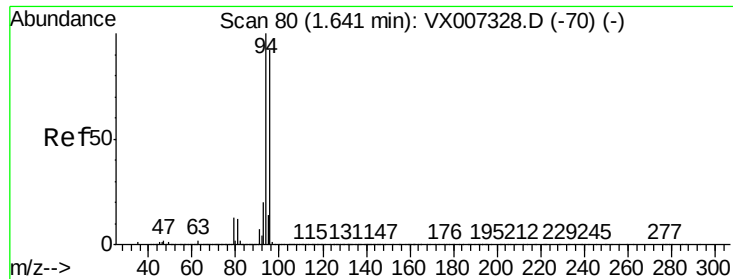
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 73

Delta R.T. -0.04 min

Lab File: VX007344.D

Acq: 01 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

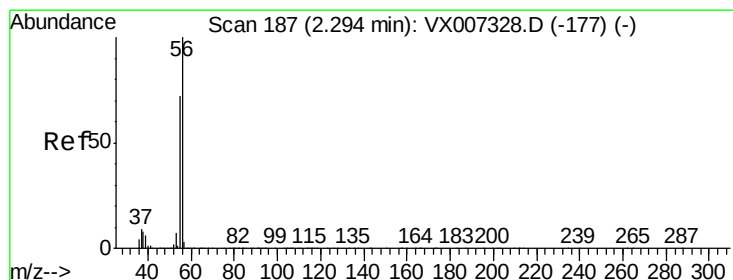
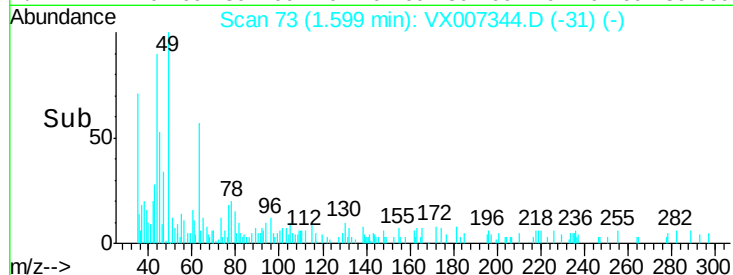
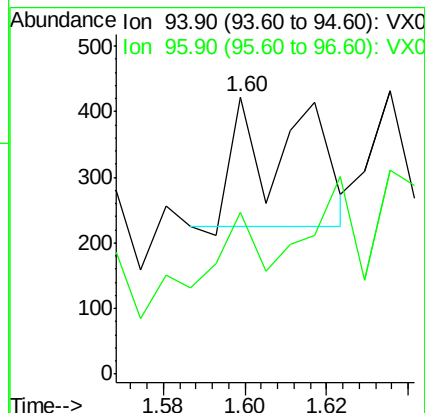
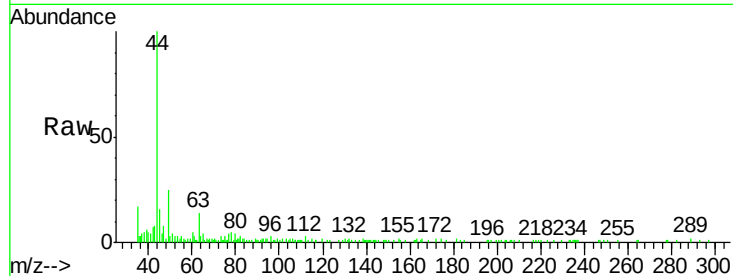
BP-TT-MW203I-20190130

Tot Ion: 94 Resp: 222

Ion Ratio Lower Upper

94 100

96 58.6 73.9 110.9#



#13

Acrolein

Concen: 0.707 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX007344.D

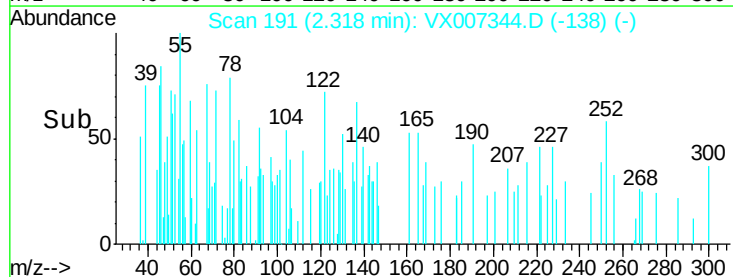
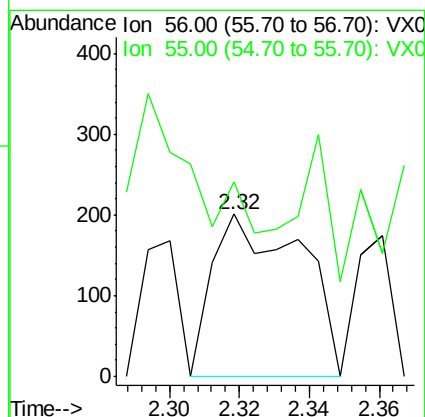
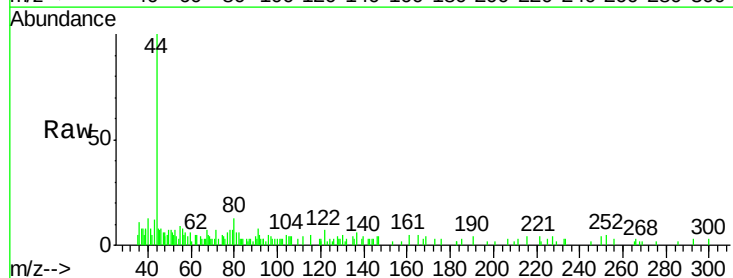
Acq: 01 Feb 2019 18:39

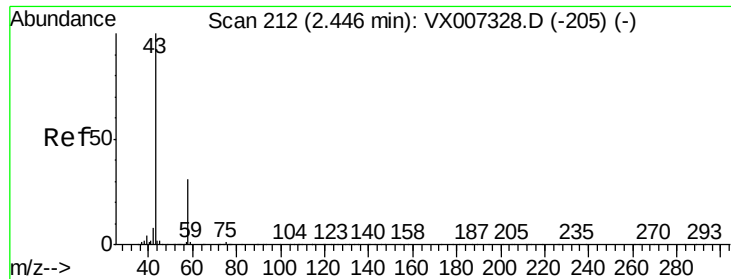
Tgt Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#





#16

Acetone

Concen: 2.881 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007344.D

Acq: 01 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

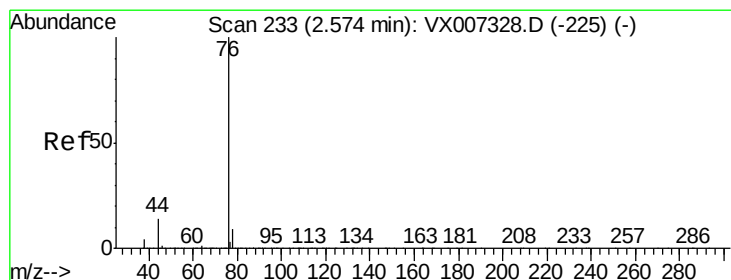
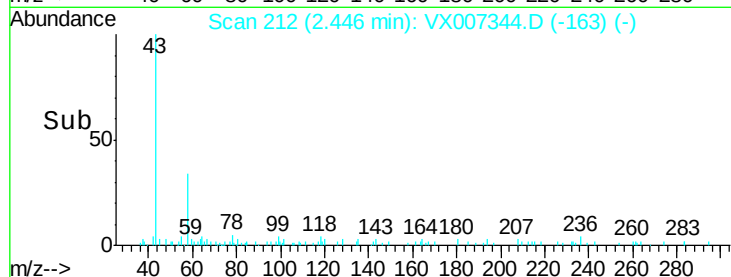
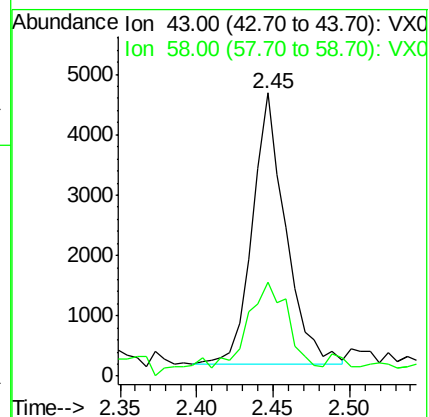
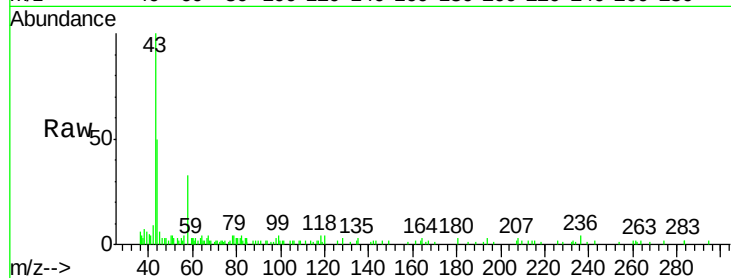
BP-TT-MW203I-20190130

Tot Ion: 43 Resp: 6772

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3



#17

Carbon Disulfide

Concen: 2.252 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007344.D

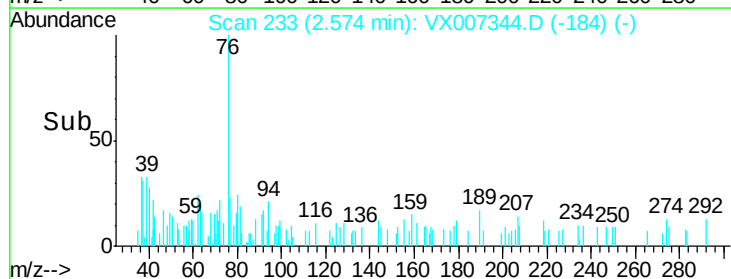
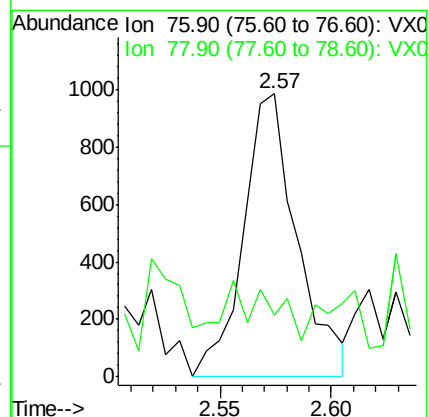
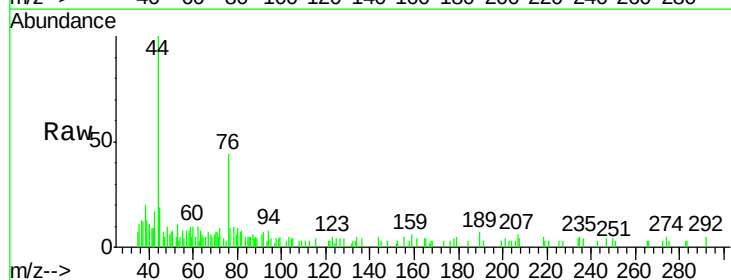
Acq: 01 Feb 2019 18:39

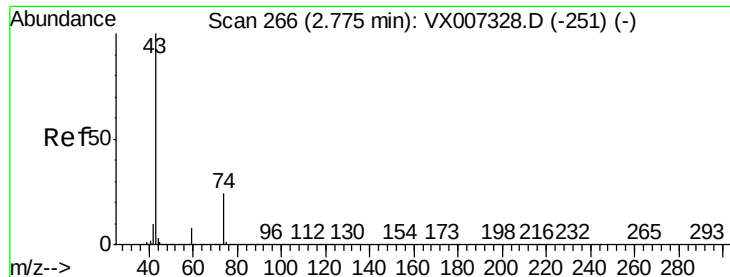
Tgt Ion: 76 Resp: 1653

Ion Ratio Lower Upper

76 100

78 4.9 7.1 10.7#

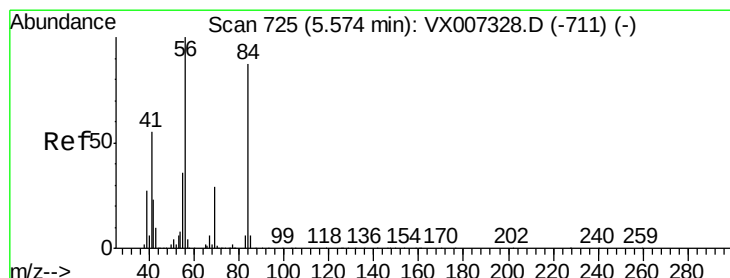
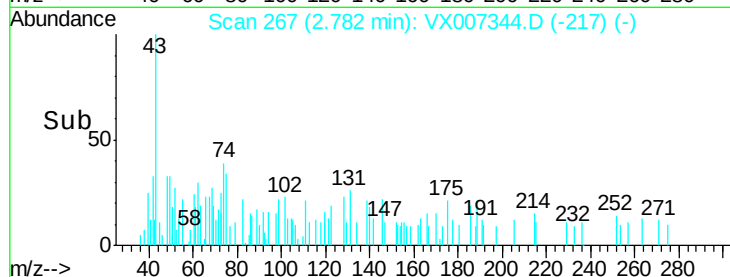
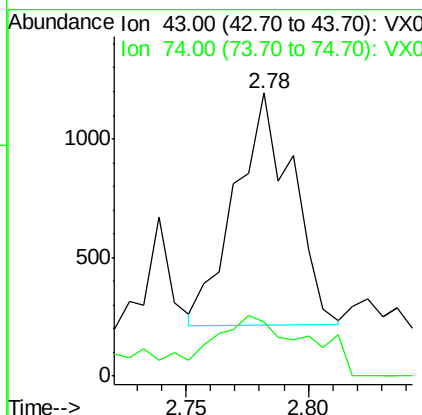
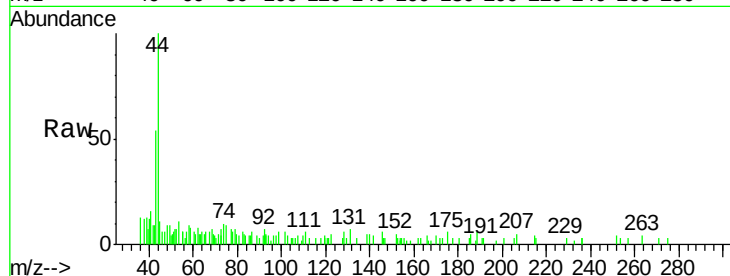




#18
Methvl Acetate
Concen: 0.850 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

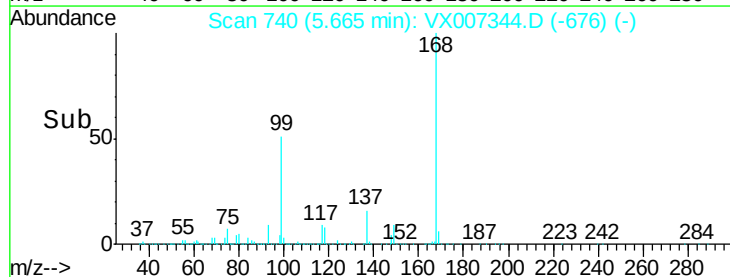
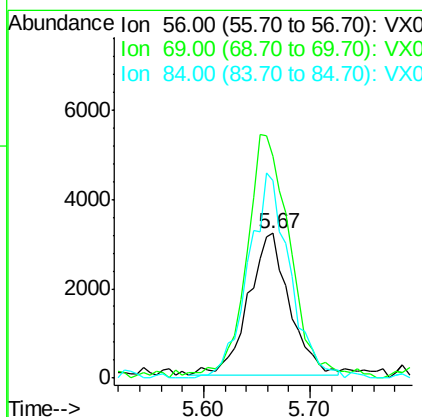
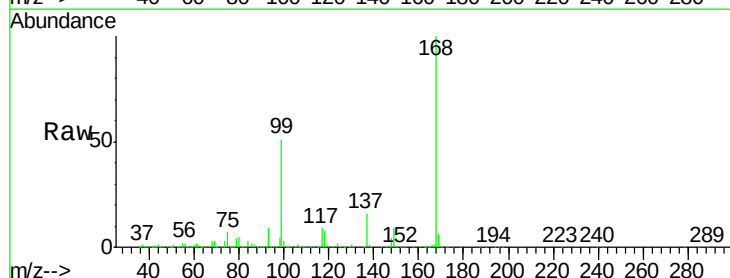
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190130

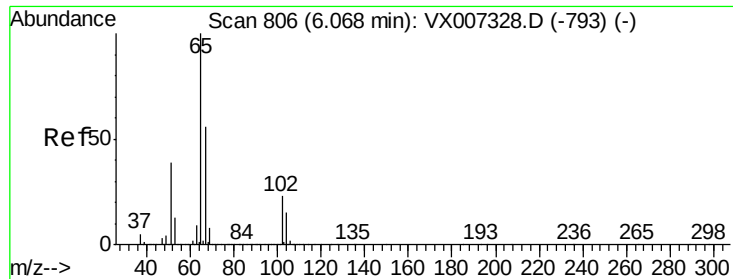
Tot Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
74 40.7 19.4 29.2#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

Tgt Ion: 56 Resp: 8608
Ion Ratio Lower Upper
56 100
69 152.6 23.0 34.6#
84 139.5 69.8 104.6#

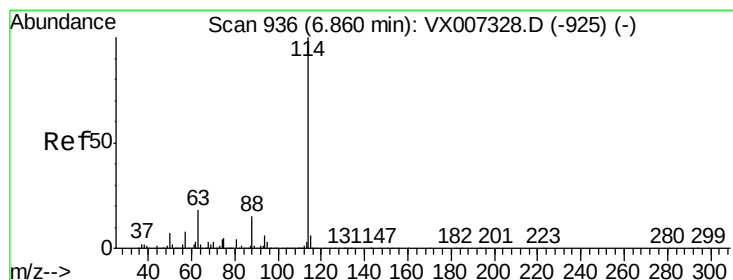
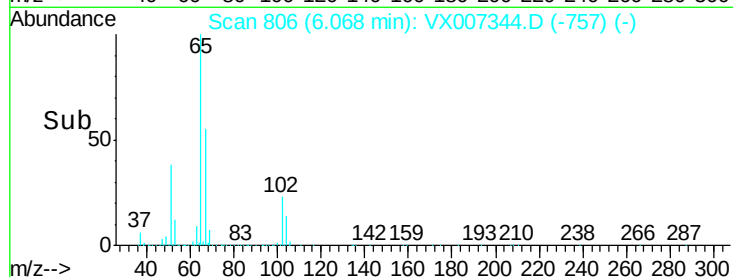
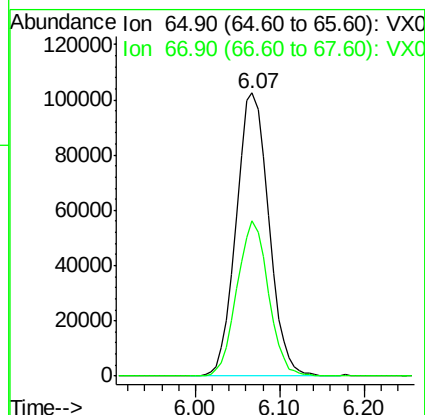
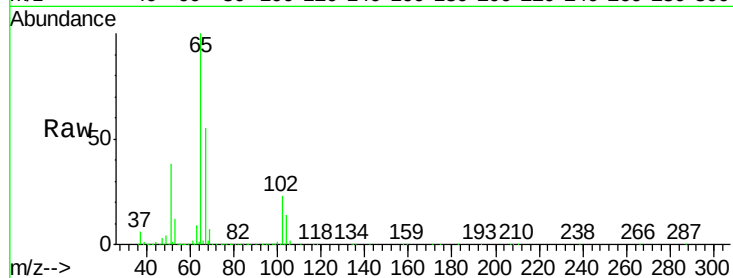




#33
 1,2-Dichloroethane-d4
 Concen: 52.086 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007344.D
 Acq: 01 Feb 2019 18:39

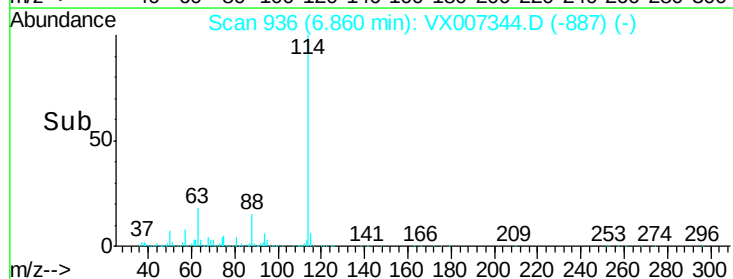
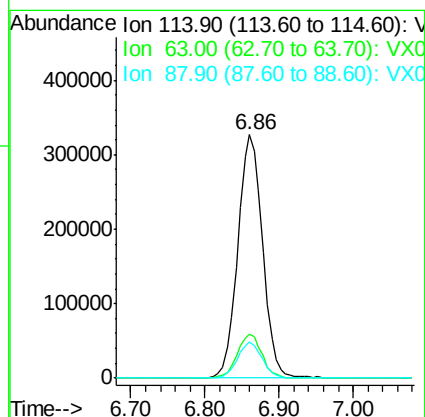
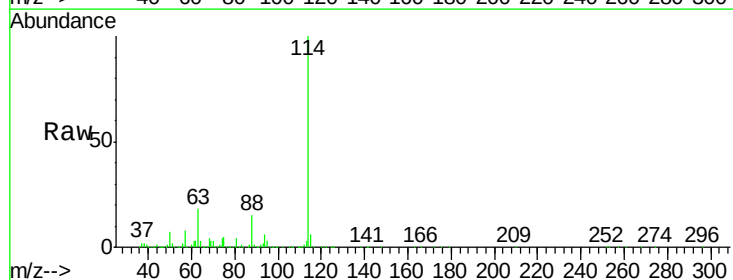
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190130

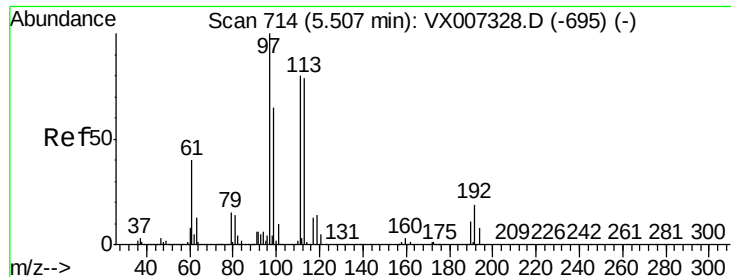
Tot Ion: 65 Resp: 267248
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007344.D
 Acq: 01 Feb 2019 18:39

Tgt Ion: 114 Resp: 763606
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 14.8 0.0 29.6

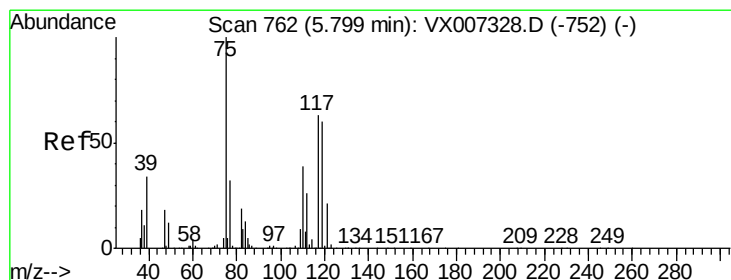
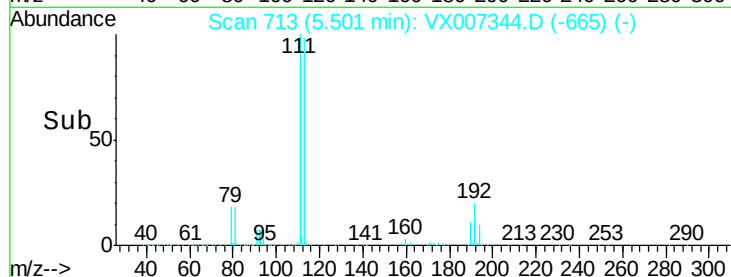
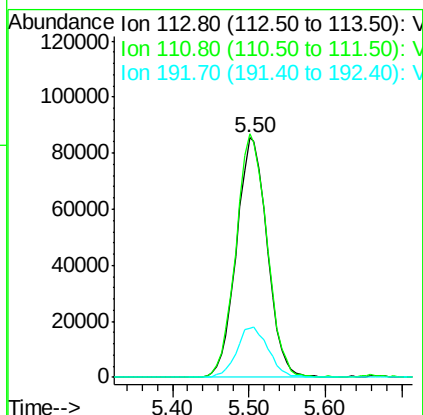
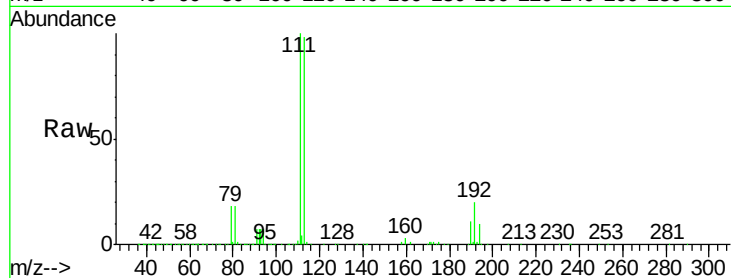




#35
 Dibromofluoromethane
 Concen: 48.156 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007344.D
 Acq: 01 Feb 2019 18:39

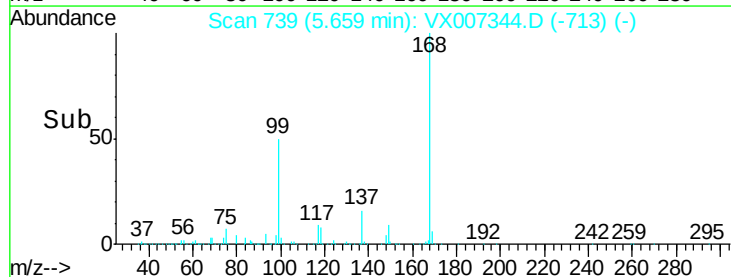
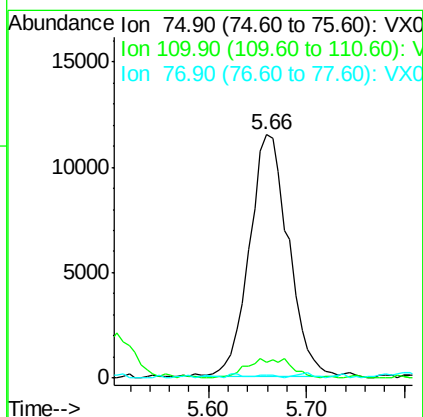
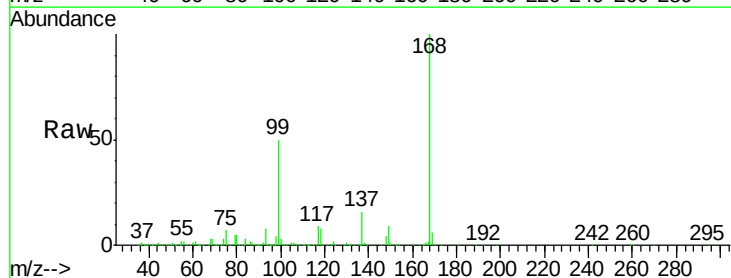
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190130

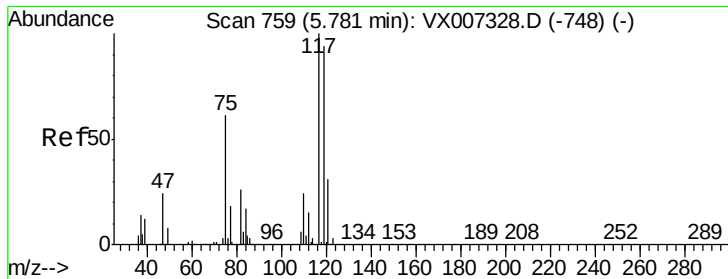
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	21.5	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.699 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007344.D
 Acq: 01 Feb 2019 18:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	20.0	59.9#
77	0.7	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.698 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007344.D

Acq: 01 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190130

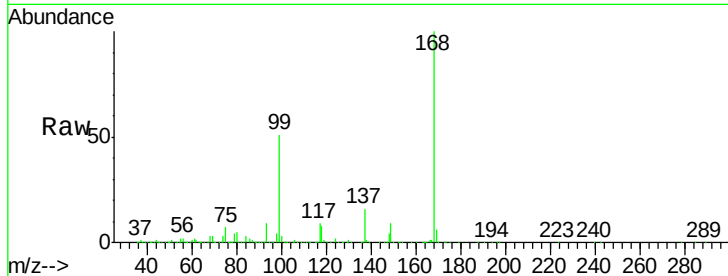
Tot Ion:117 Resp: 44521

Ion Ratio Lower Upper

117 100

119 6.0 75.3 112.9#

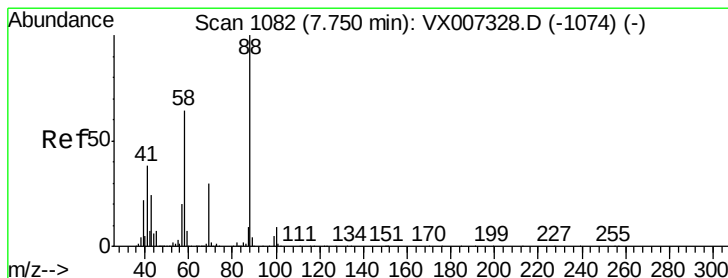
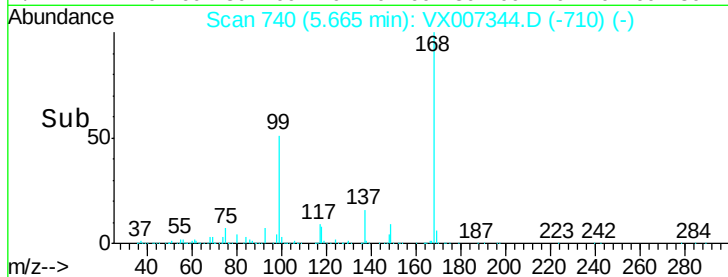
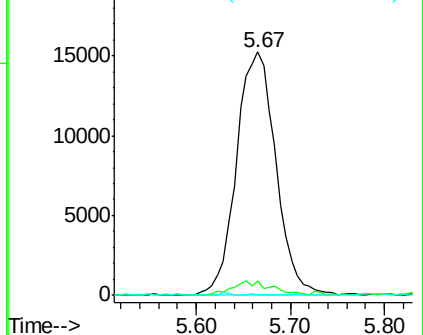
121 0.0 25.0 37.4#



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: 7.622 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX007344.D

Acq: 01 Feb 2019 18:39

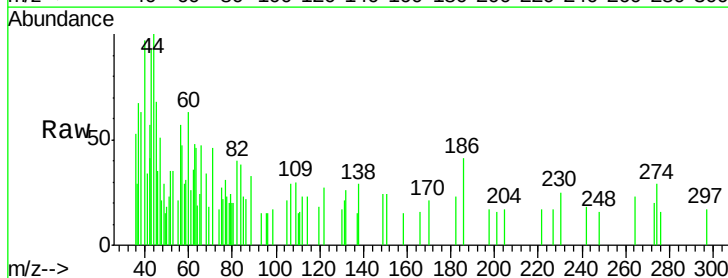
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 248.4 24.2 36.4#

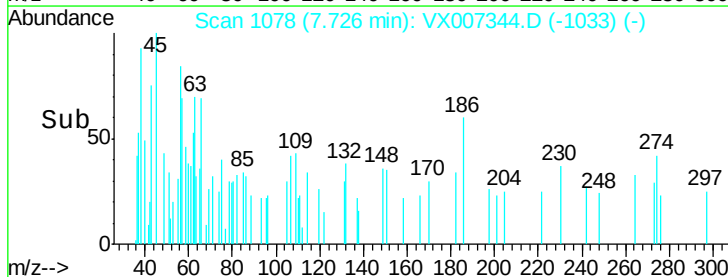
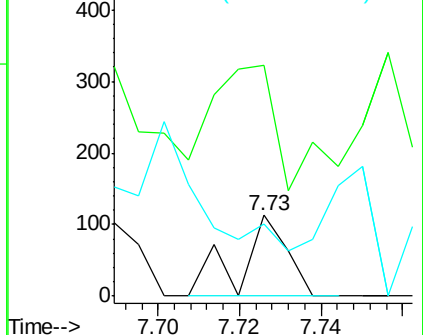
58 0.0 53.0 79.4#

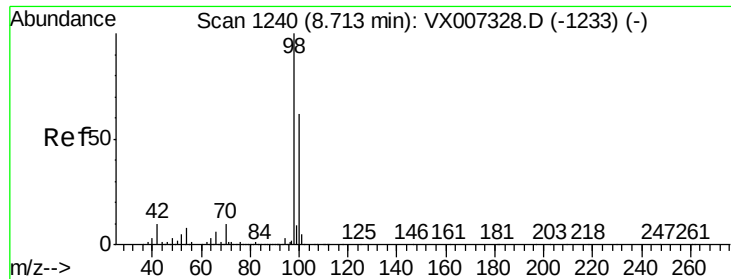


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

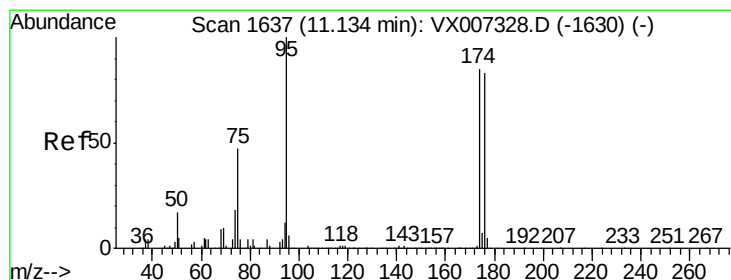
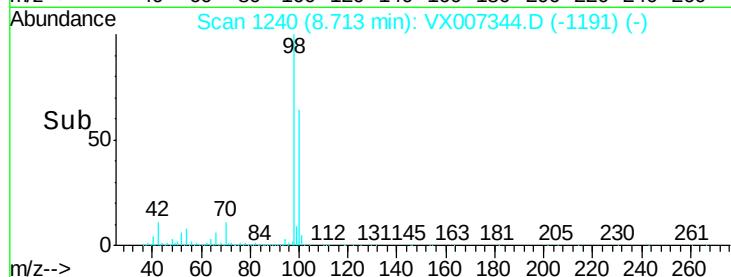
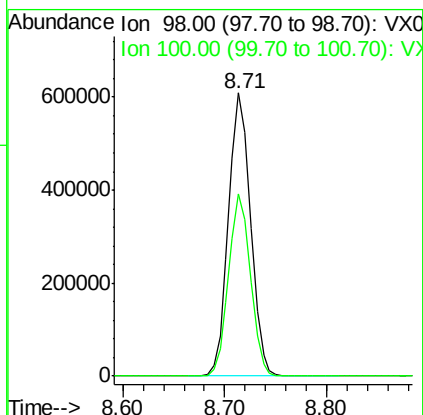
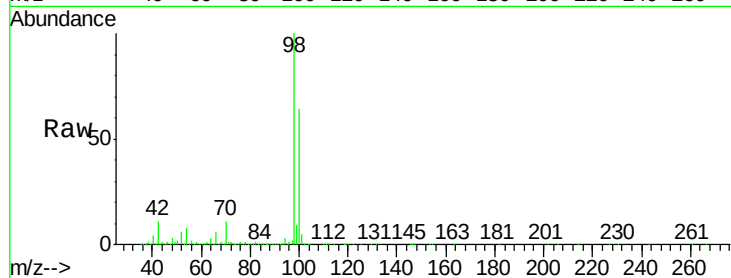




#50
Toluene-d8
Concen: 49.513 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

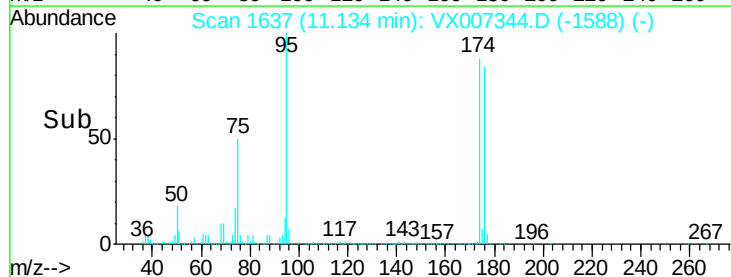
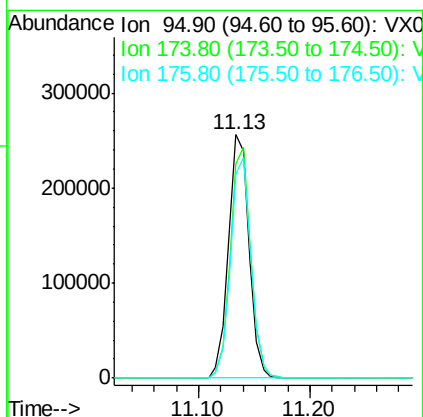
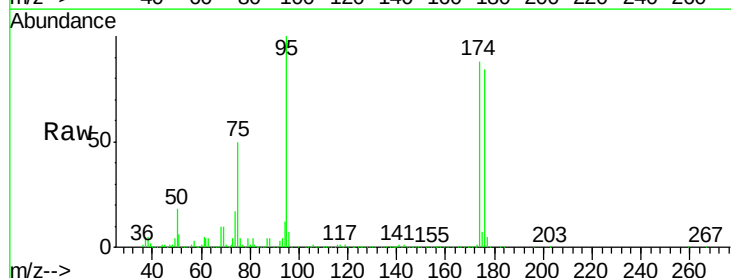
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190130

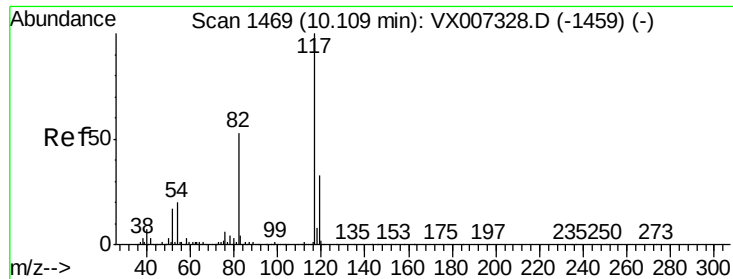
Tot Ion: 98 Resp: 912721
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.772 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

Tgt Ion: 95 Resp: 328252
Ion Ratio Lower Upper
95 100
174 93.5 0.0 189.2
176 89.8 0.0 186.2

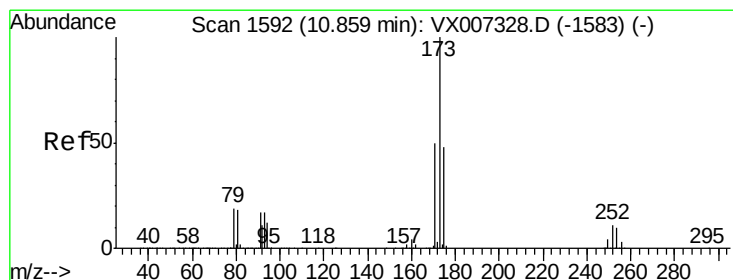
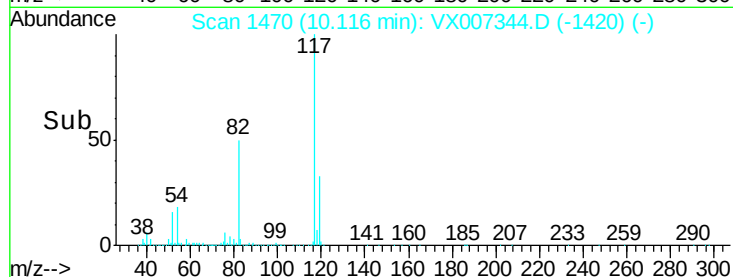
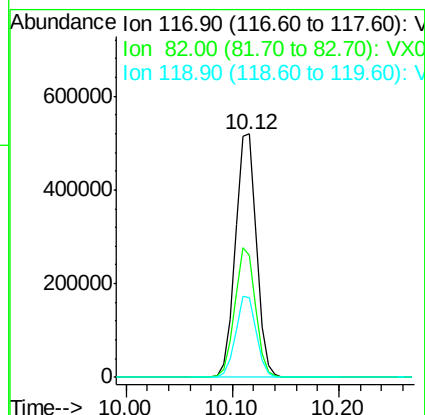
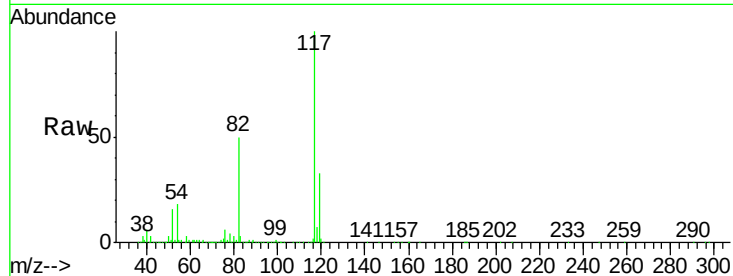




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

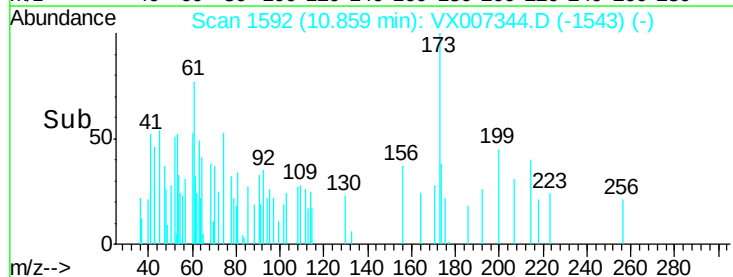
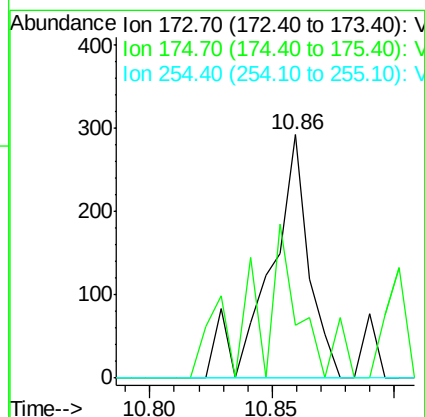
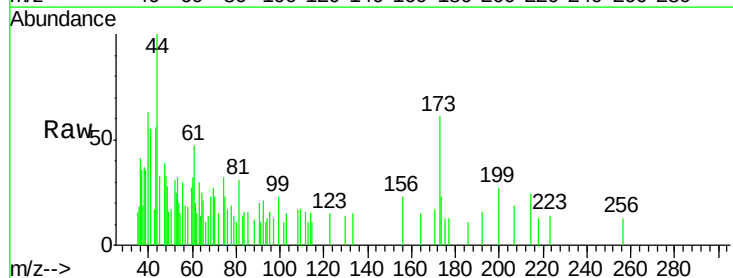
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190130

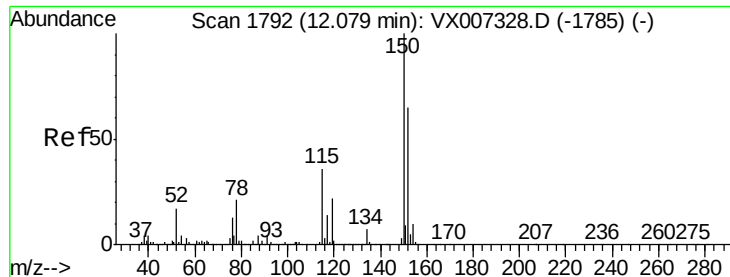
Tot Ion:117 Resp: 723863
Ion Ratio Lower Upper
117 100
82 50.1 42.1 63.1
119 32.6 26.5 39.7



#71
Bromoform
Concen: 4.093 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

Tgt Ion:173 Resp: 323
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.2 0.2#



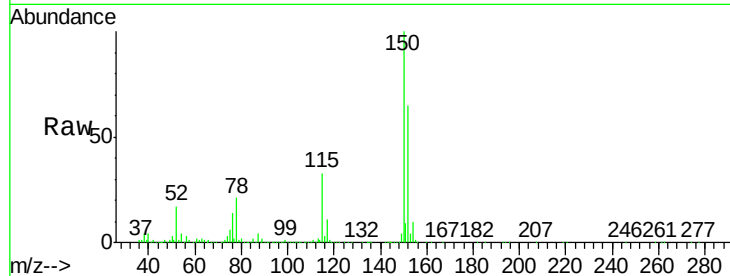


#72

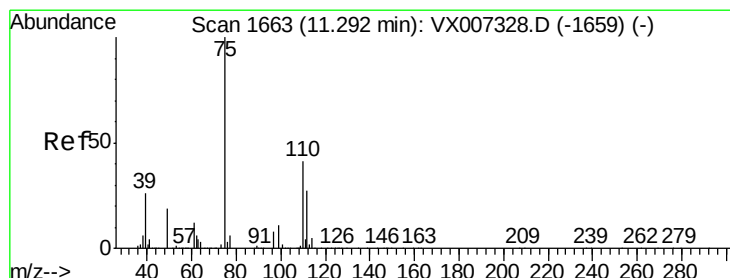
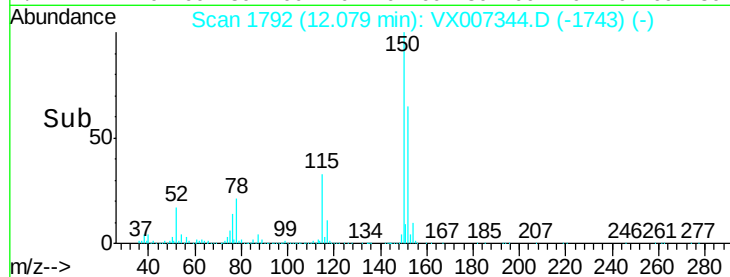
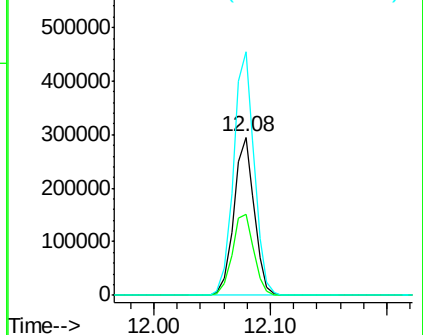
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190130

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.0	114.0
150	156.5	0.0	346.4



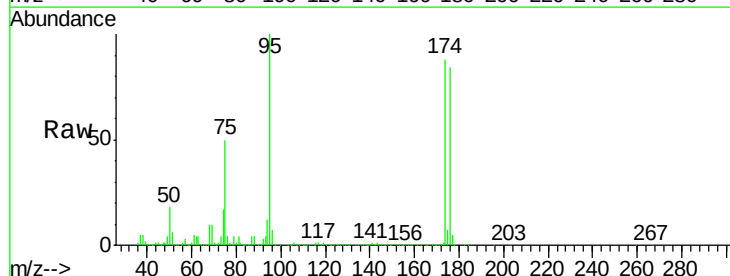
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



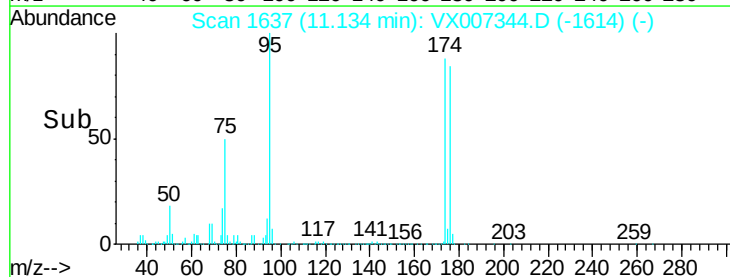
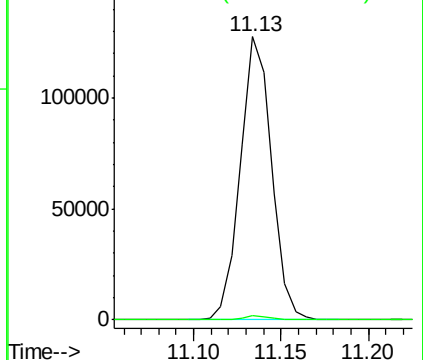
#76

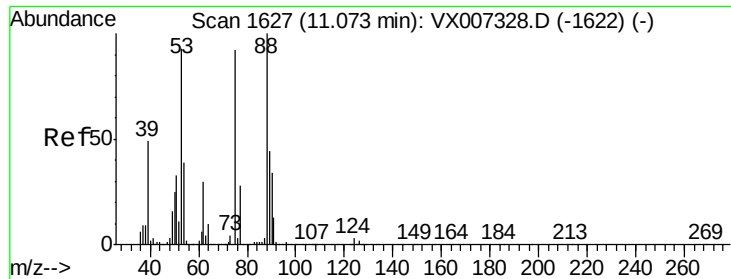
1,2,3-Trichloropropane
Concen: 22.738 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007344.D
Acq: 01 Feb 2019 18:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	23.0	69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 68.566 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007344.D

Acq: 01 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190130

Tot Ion: 75 Resp: 158614

Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.0 41.4 62.0#

