

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009697.D
 Acq On : 18 May 2019 06:16
 Operator : JC/SP
 Sample : K2901-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9A_R2

Quant Time: May 20 10:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100706	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113457	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	83073	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	339753	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	112846	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	

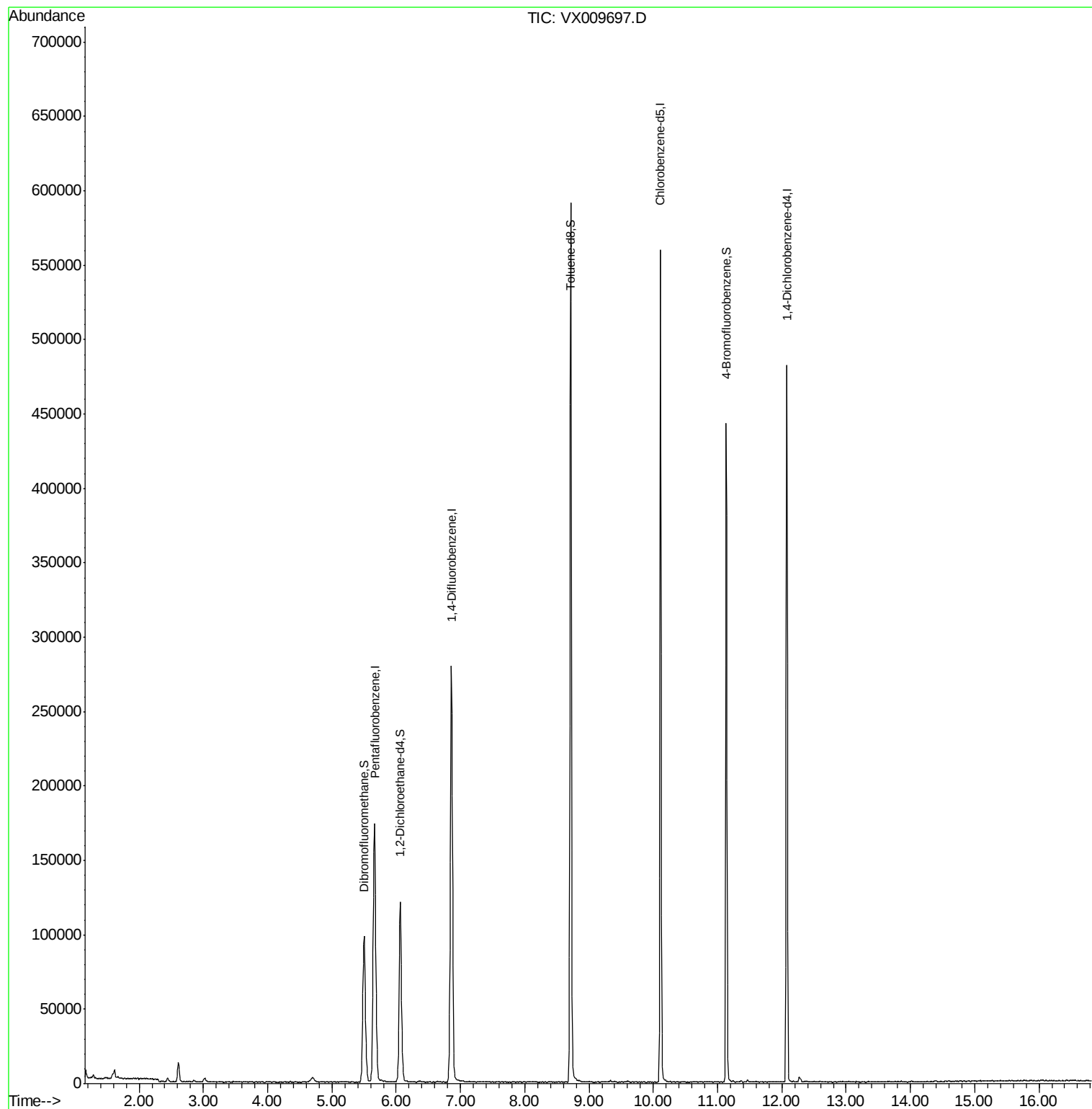
Target Compounds	Qvalue
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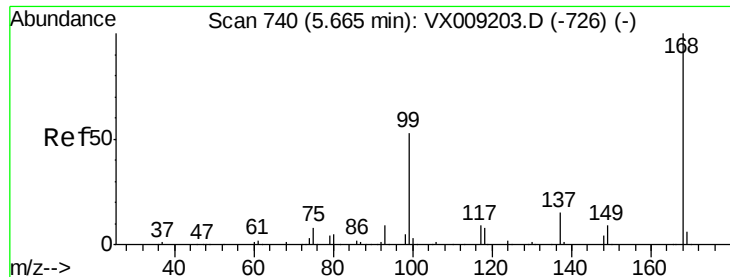
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009697.D

Acq: 18 May 2019 06:16

Instrument :

MSVOA_X

ClientSampleId :

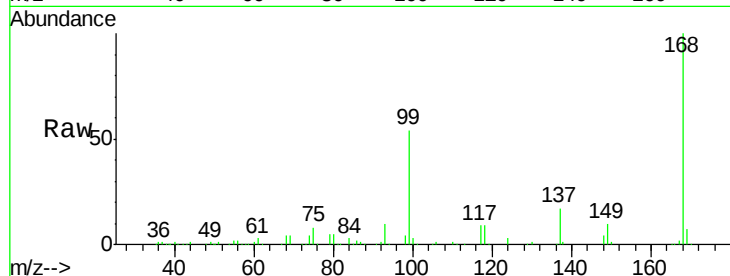
MW-9A_R2

Tot Ion:168 Resp: 169521

Ion Ratio Lower Upper

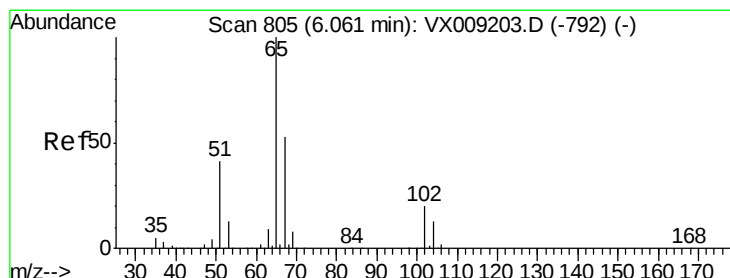
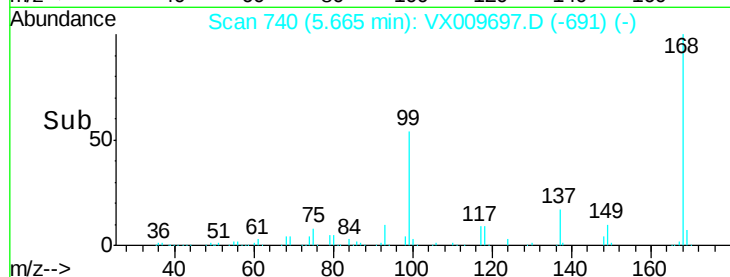
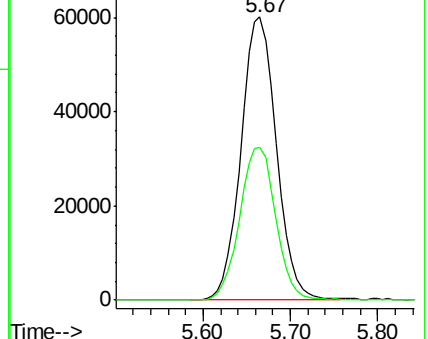
168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.027 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009697.D

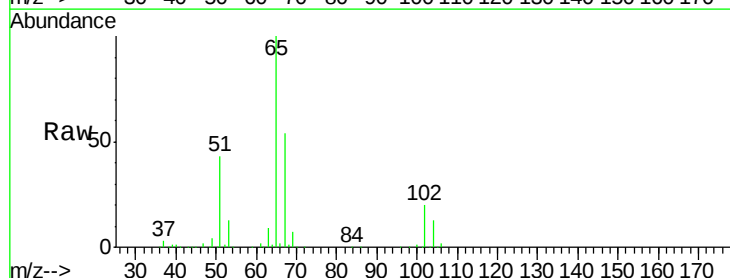
Acq: 18 May 2019 06:16

Tgt Ion: 65 Resp: 113457

Ion Ratio Lower Upper

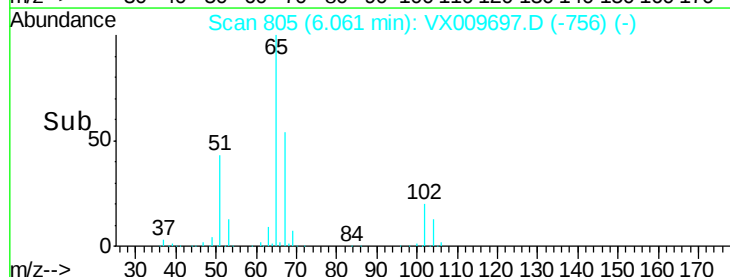
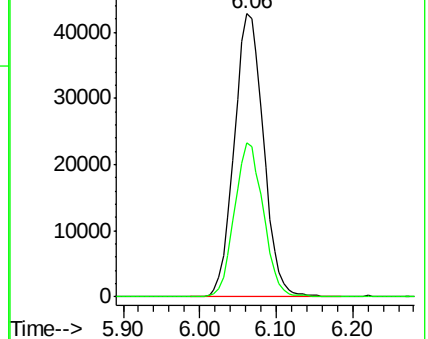
65 100

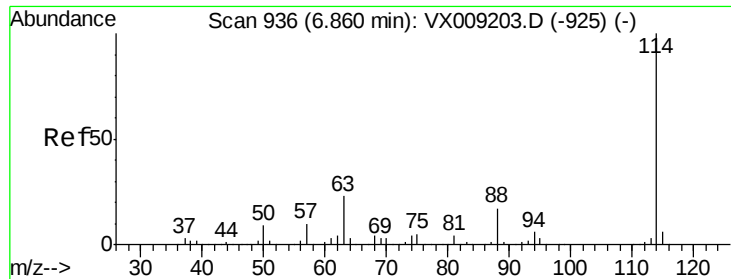
67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

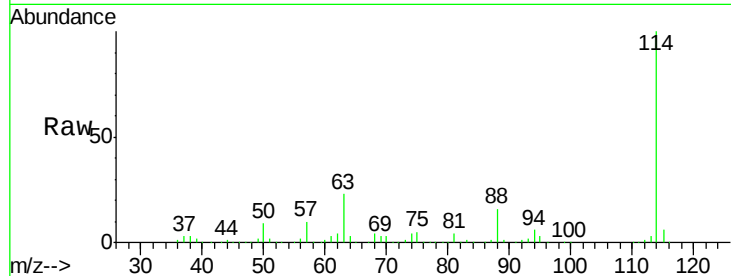




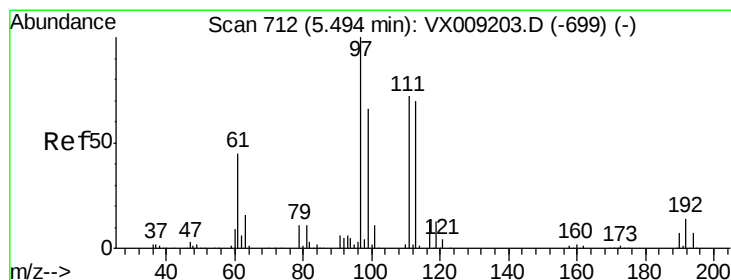
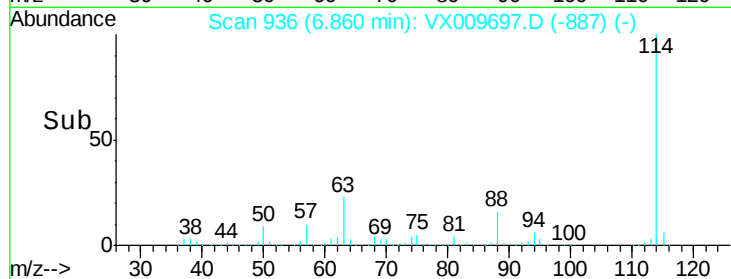
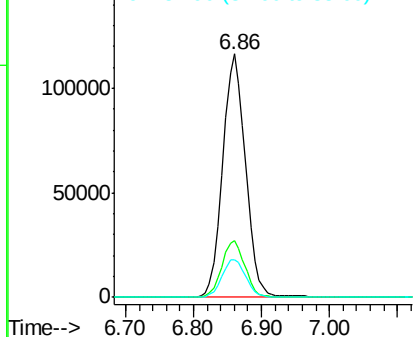
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009697.D
 Acq: 18 May 2019 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9A_R2

Tot Ion:114 Resp: 271554
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 15.6 0.0 33.2

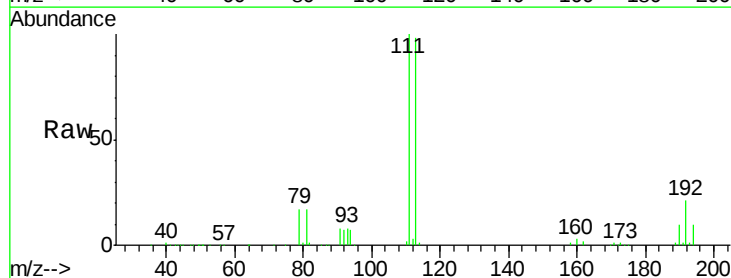


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

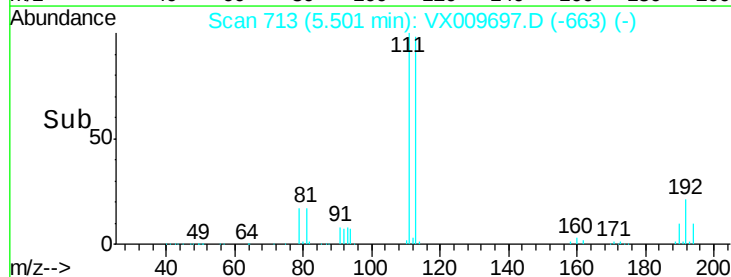
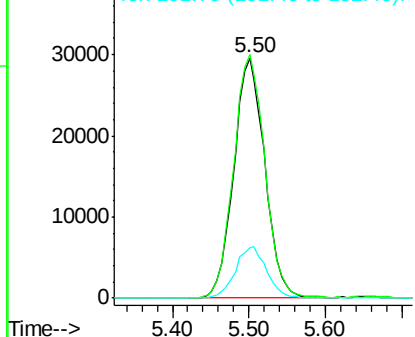


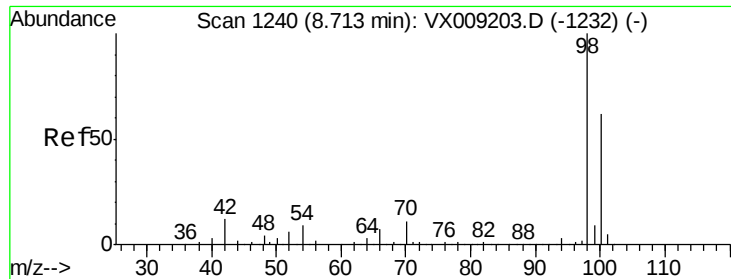
#35
 Dibromofluoromethane
 Concen: 48.663 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009697.D
 Acq: 18 May 2019 06:16

Tgt Ion:113 Resp: 83073
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 21.4 17.0 25.6



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





#50

Toluene-d8

Concen: 49.297 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009697.D

Acq: 18 May 2019 06:16

Instrument :

MSVOA_X

ClientSampleId :

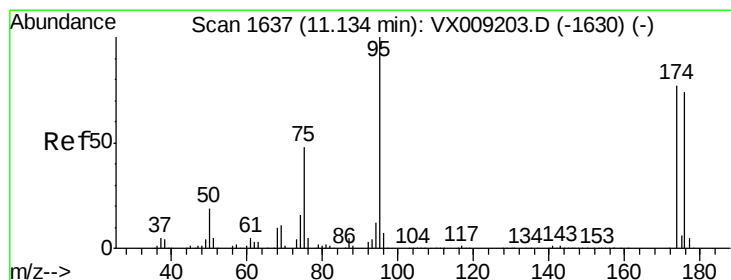
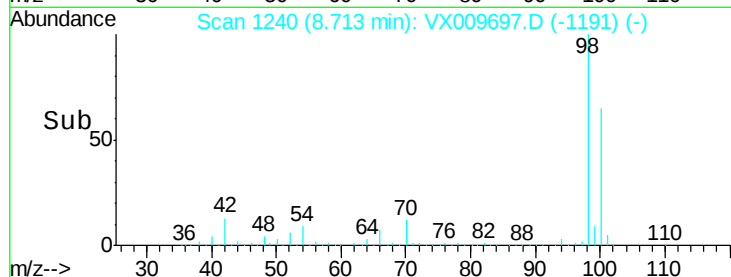
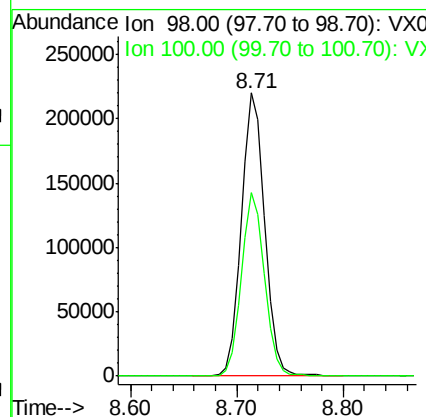
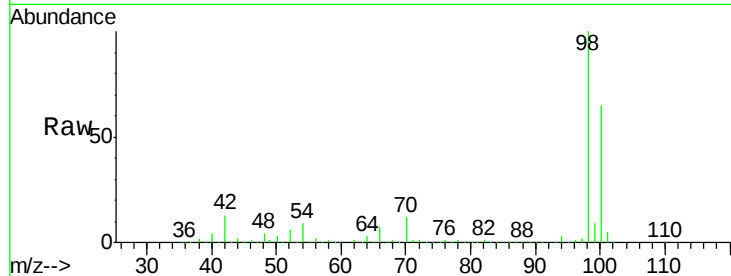
MW-9A_R2

Tot Ion: 98 Resp: 339753

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.061 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009697.D

Acq: 18 May 2019 06:16

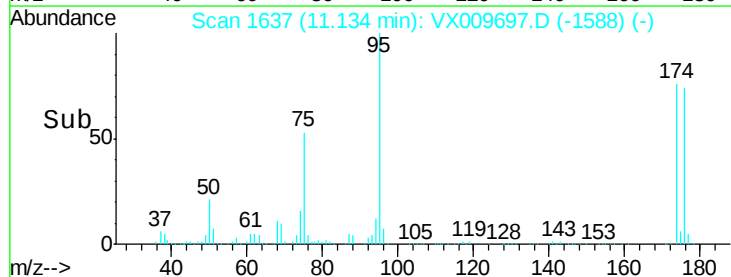
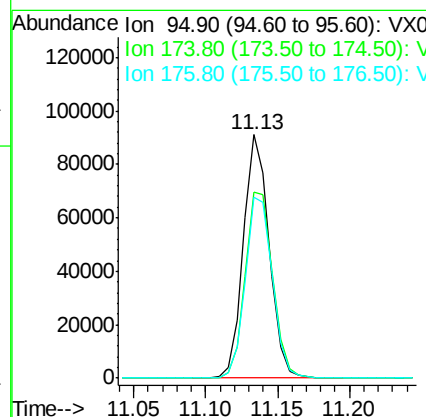
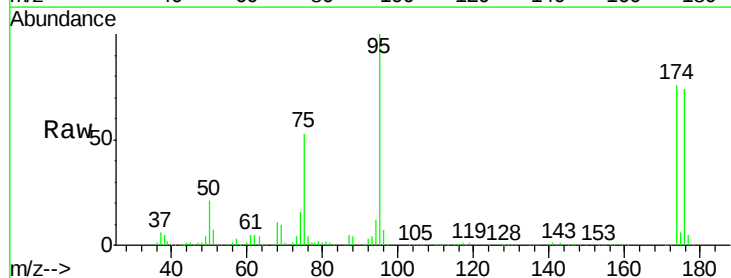
Tgt Ion: 95 Resp: 112846

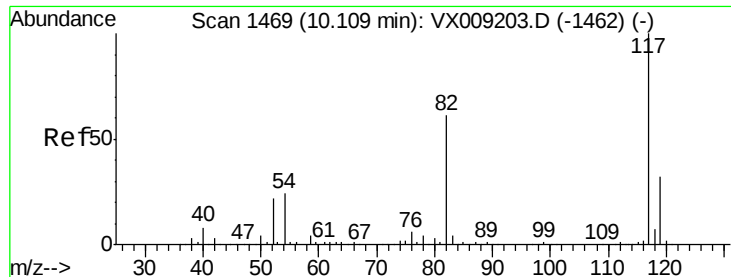
Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

176 78.2 0.0 159.2

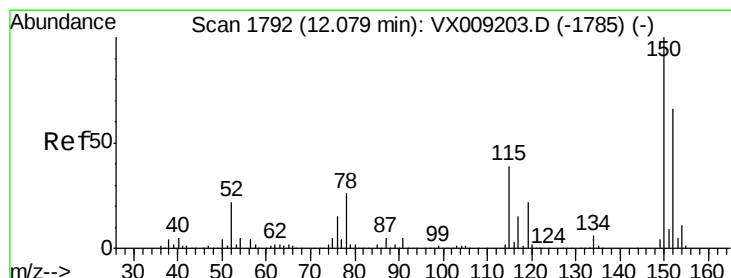
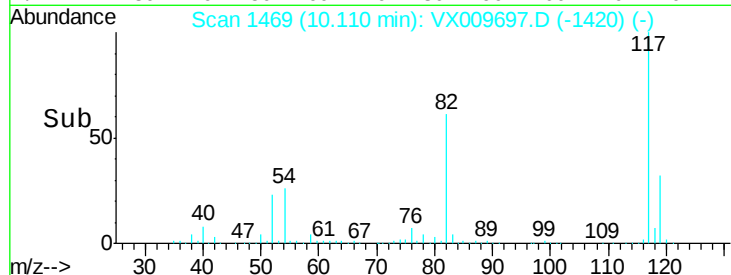
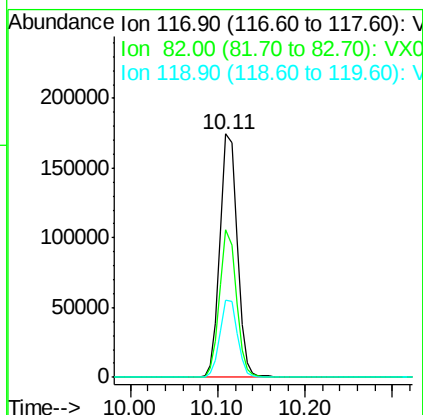
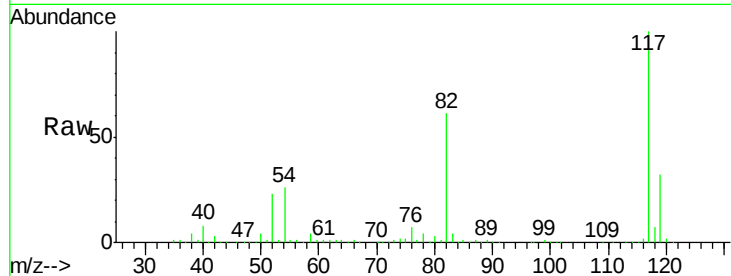




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009697.D
Acq: 18 May 2019 06:16

Instrument :
MSVOA_X
ClientSampleId :
MW-9A_R2

Tot Ion:117 Resp: 238885
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009697.D
Acq: 18 May 2019 06:16

Tgt Ion:152 Resp: 100706
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 155.3 0.0 346.4

