

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007409.D
 Acq On : 06 Feb 2019 19:30
 Operator : JC/SP
 Sample : K1395-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Feb 07 02:33:49 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

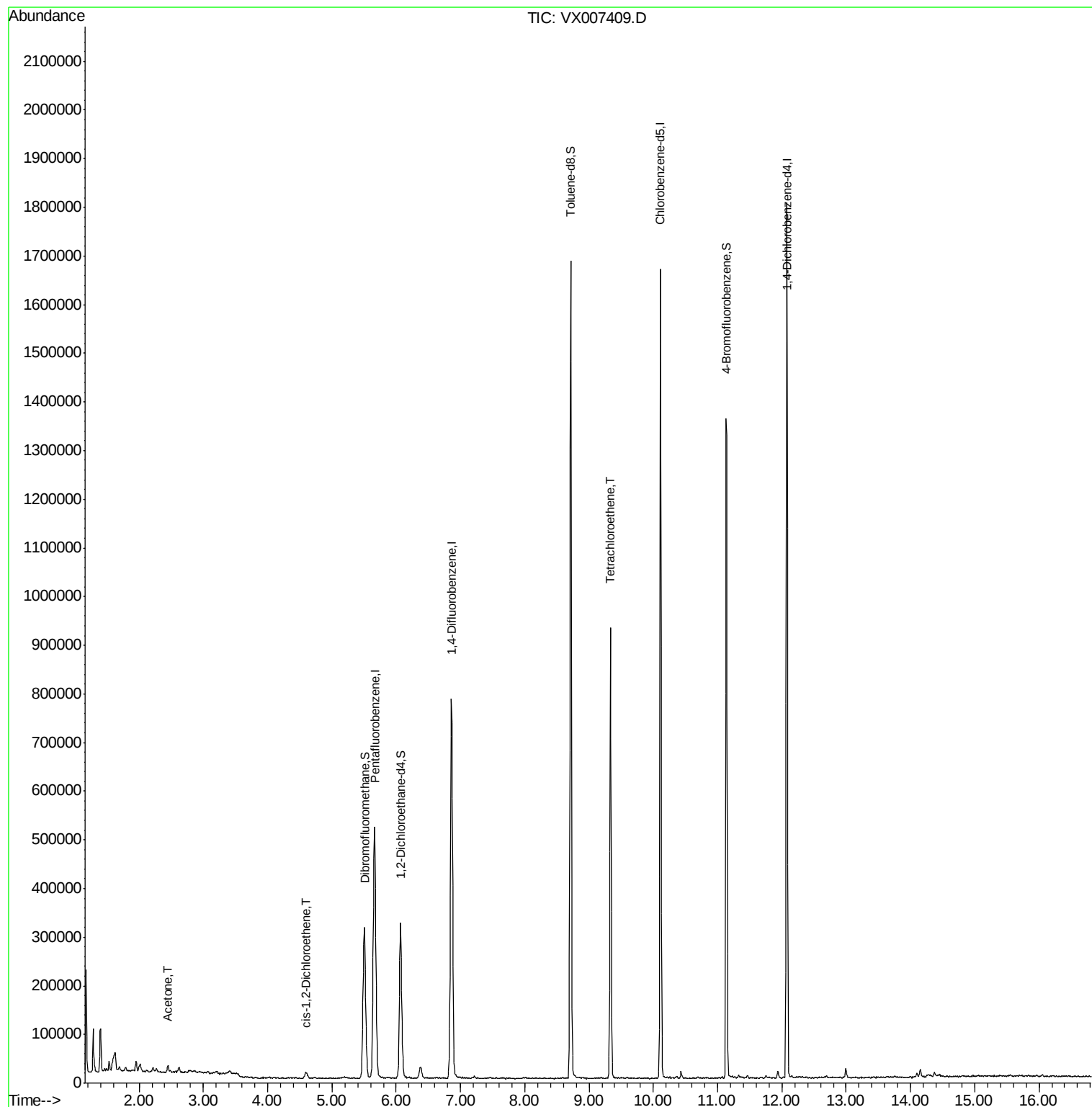
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	541221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	838030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	784371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	290754	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	5.51	113	263258	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1000684	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	355125	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
16) Acetone	2.45	43	13696	5.205	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	8534	1.419	ug/l	90
64) Tetrachloroethene	9.34	164	183691	24.847	ug/l	97

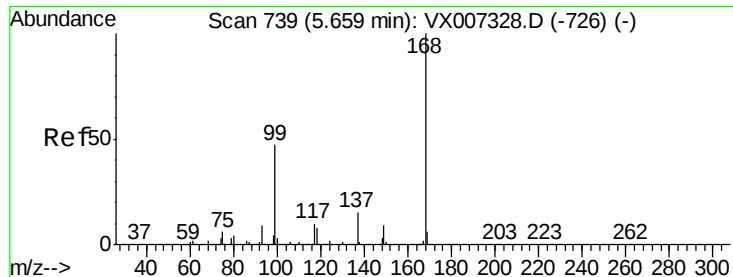
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007409.D

Acq: 06 Feb 2019 19:30

Instrument :

MSVOA_X

ClientSampled :

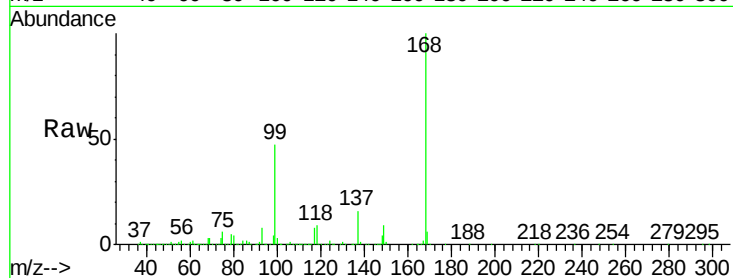
MW-12

Tot Ion:168 Resp: 541221

Ion Ratio Lower Upper

168 100

99 46.9 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

200000

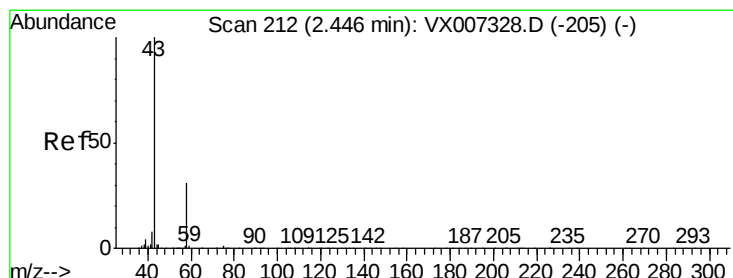
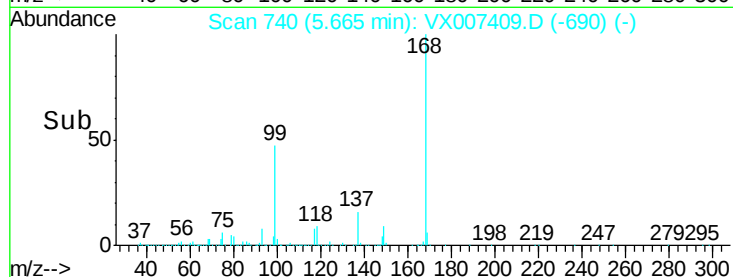
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.205 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007409.D

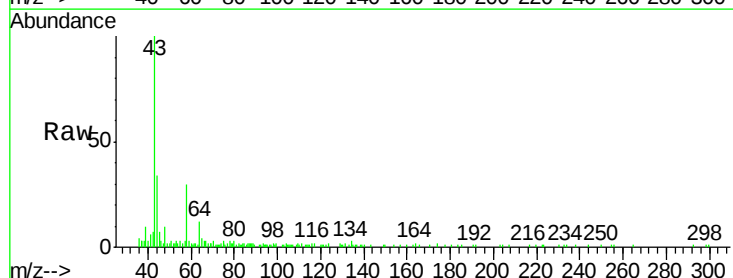
Acq: 06 Feb 2019 19:30

Tgt Ion: 43 Resp: 13696

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

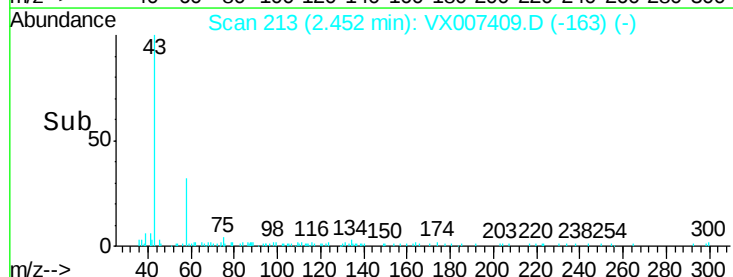
6000

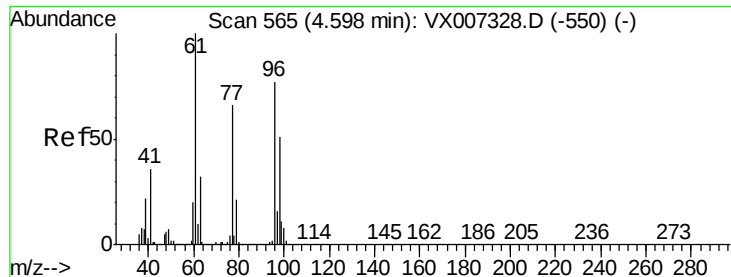
4000

2000

0

Time-->



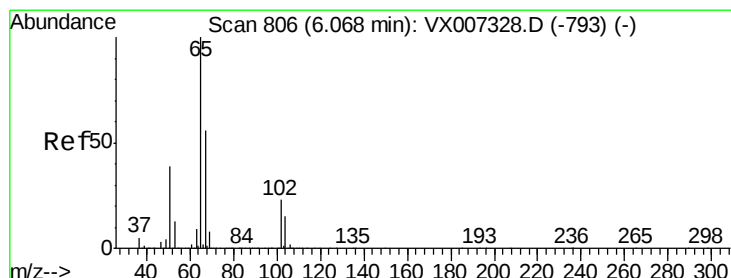
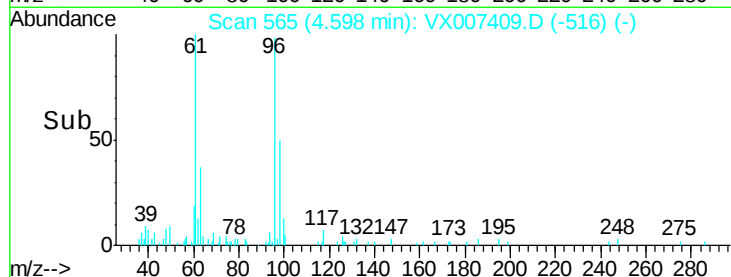
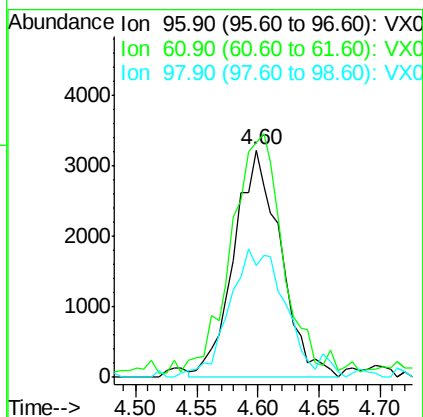
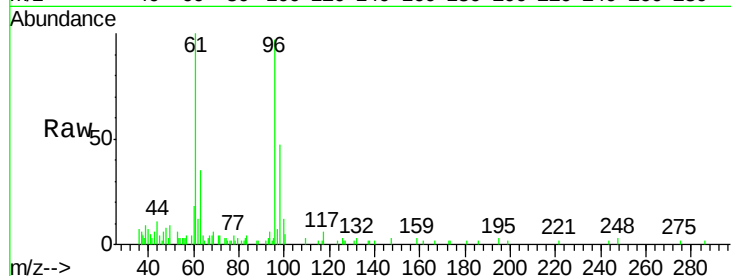


#27

cis-1,2-Dichloroethene
 Concen: 1.419 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007409.D
 Acq: 06 Feb 2019 19:30

Instrument :
 MSVOA_X
 ClientSampled :
 MW-12

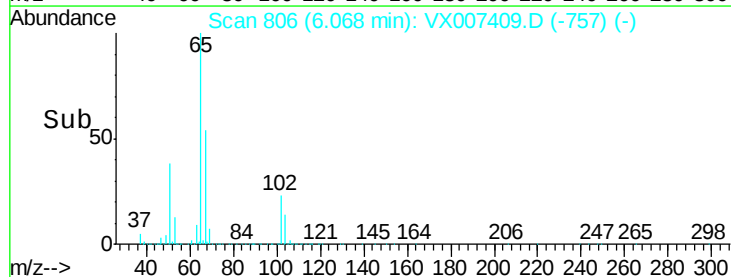
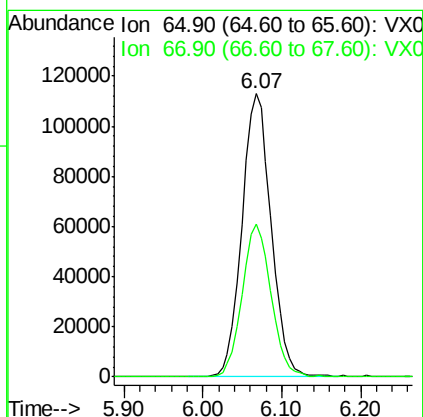
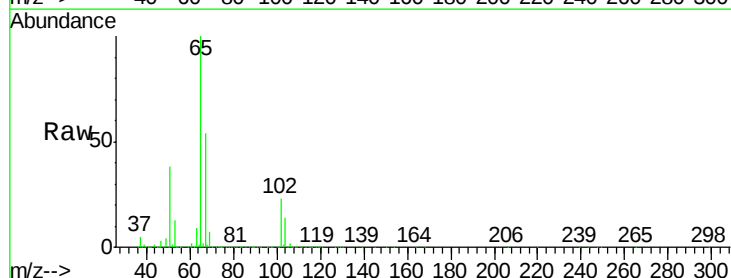
Tot Ion	Ratio	Lower	Upper
96	100		
61	115.8	0.0	265.6
98	66.2	0.0	131.6

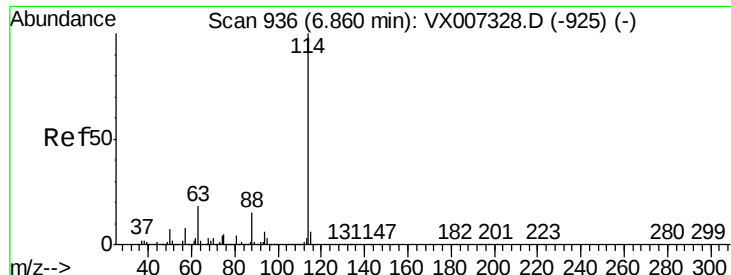


#33

1,2-Dichloroethane-d4
 Concen: 50.613 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007409.D
 Acq: 06 Feb 2019 19:30

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VX007409.D

Acq: 06 Feb 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

MW-12

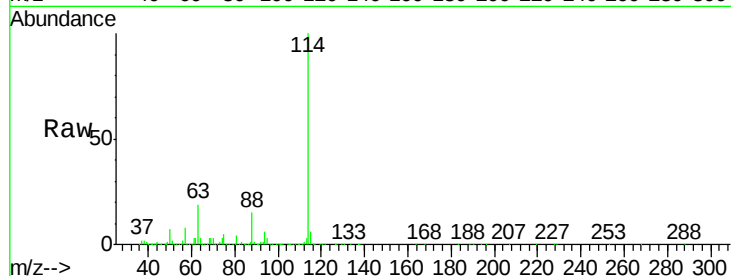
Tot Ion:114 Resp: 838030

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

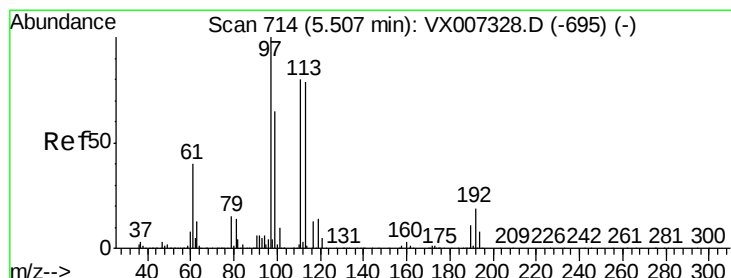
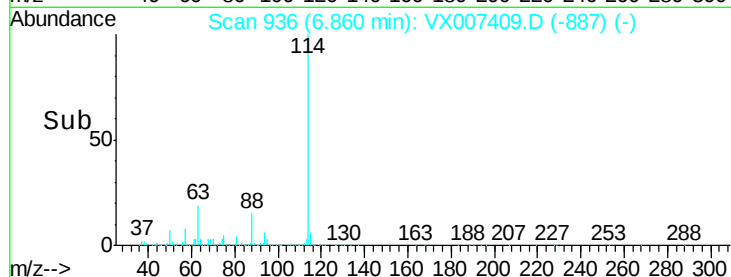
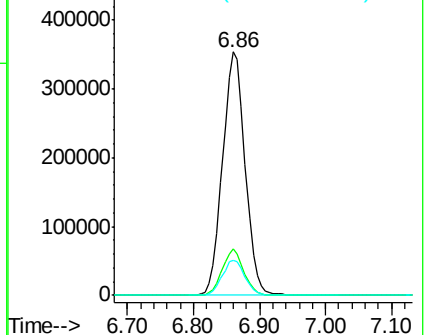
88 14.6 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 48.280 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007409.D

Acq: 06 Feb 2019 19:30

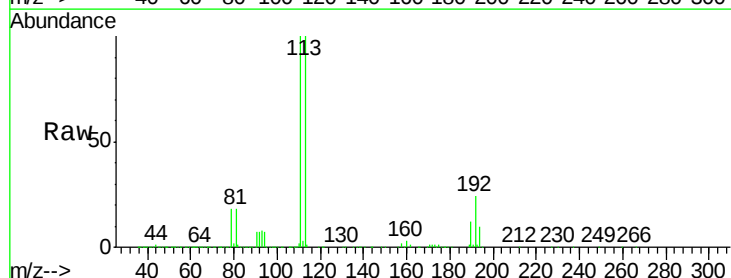
Tgt Ion:113 Resp: 263258

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

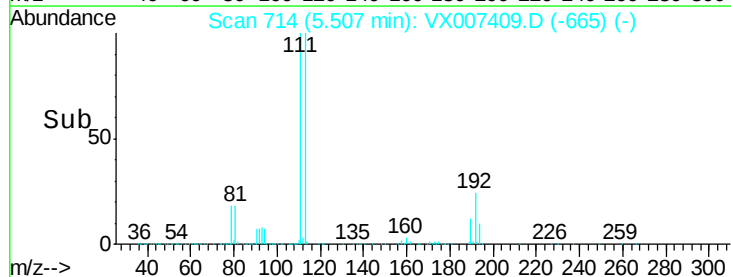
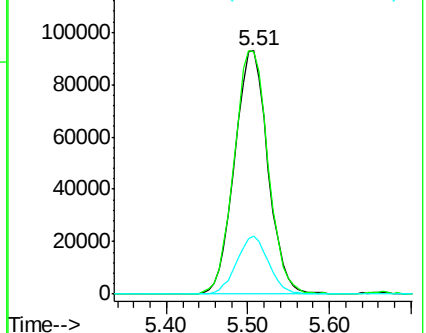
192 22.8 18.5 27.7

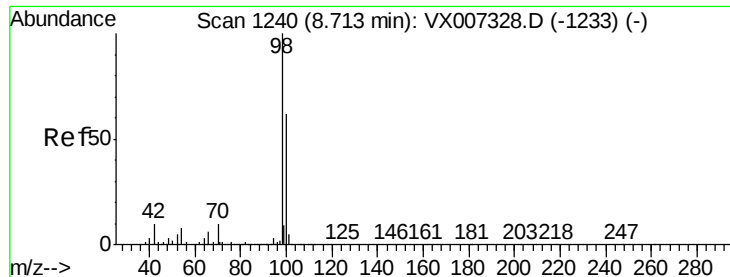


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.464 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007409.D

Acq: 06 Feb 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

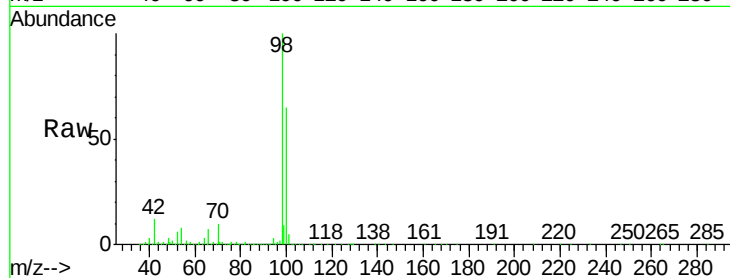
MW-12

Tot Ion: 98 Resp: 1000684

Ion Ratio Lower Upper

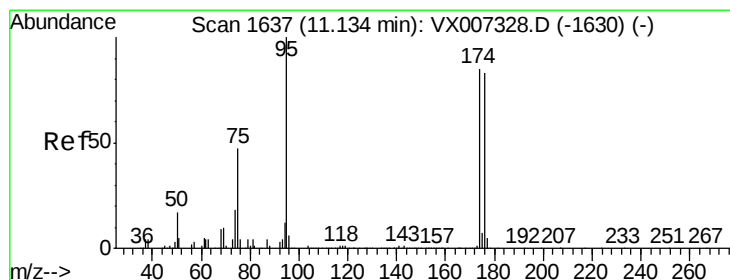
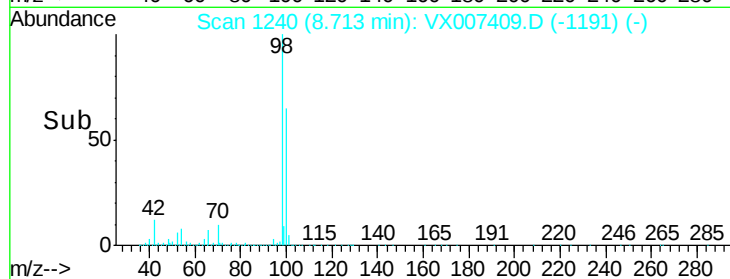
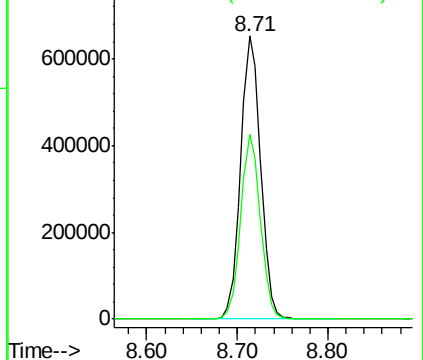
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.079 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007409.D

Acq: 06 Feb 2019 19:30

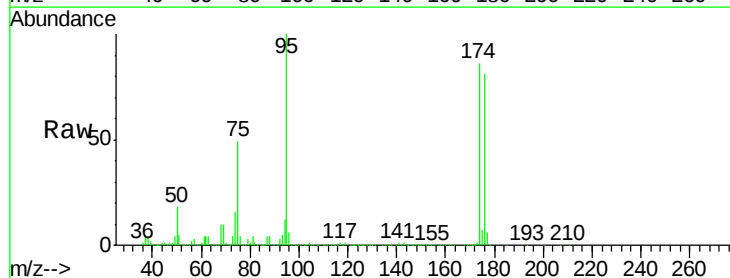
Tgt Ion: 95 Resp: 355125

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

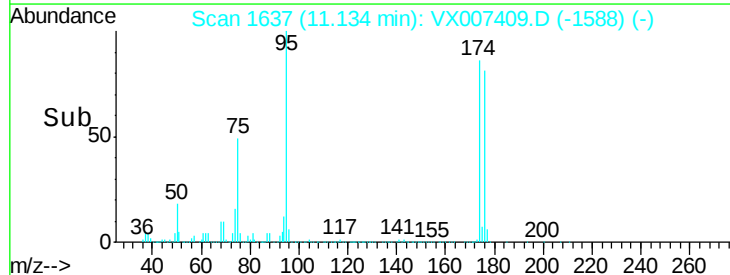
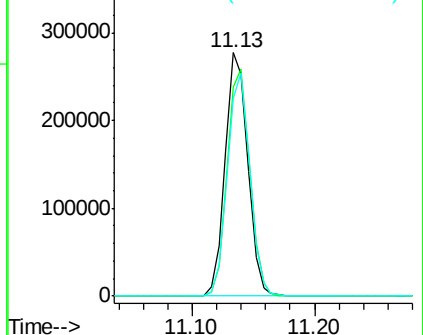
176 90.3 0.0 186.2

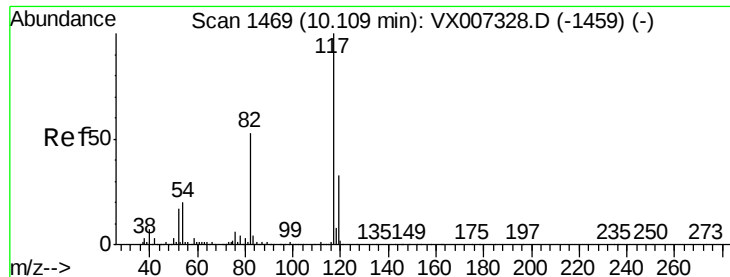


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

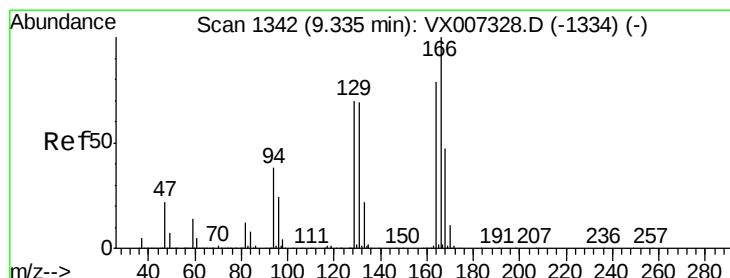
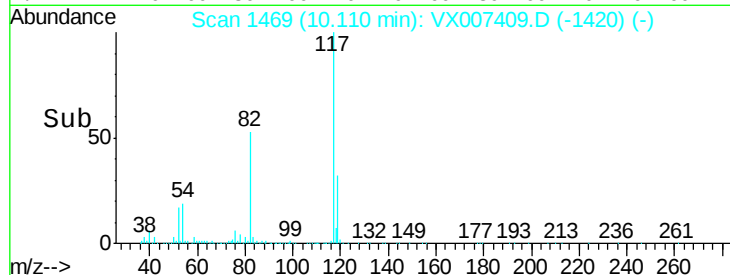
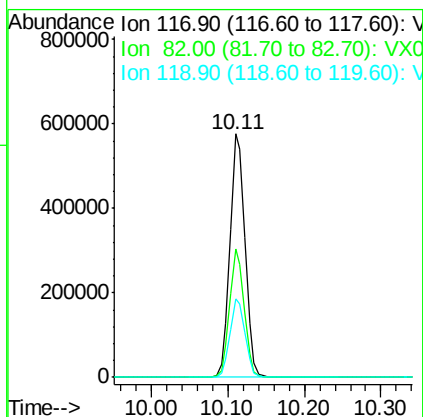
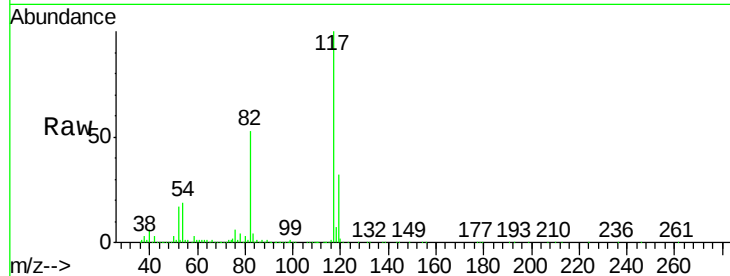




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007409.D
Acq: 06 Feb 2019 19:30

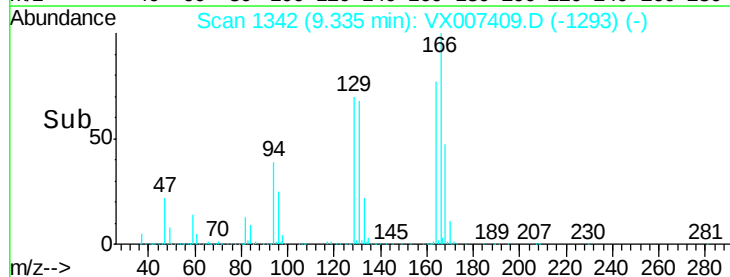
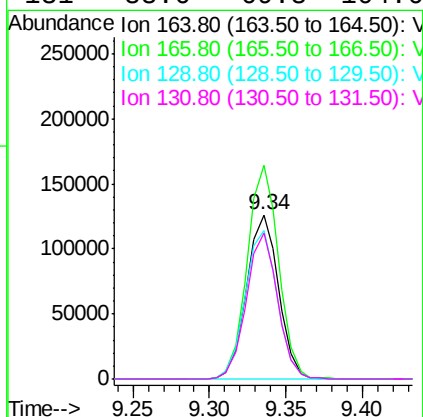
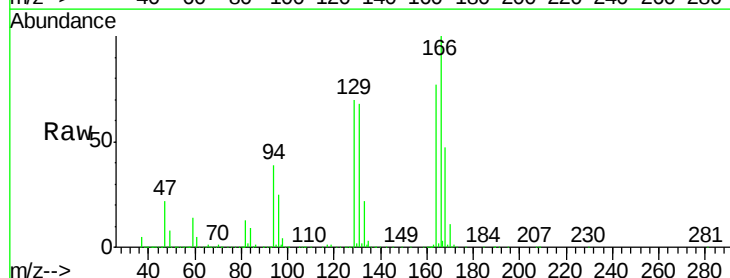
Instrument :
MSVOA_X
ClientSampleId :
MW-12

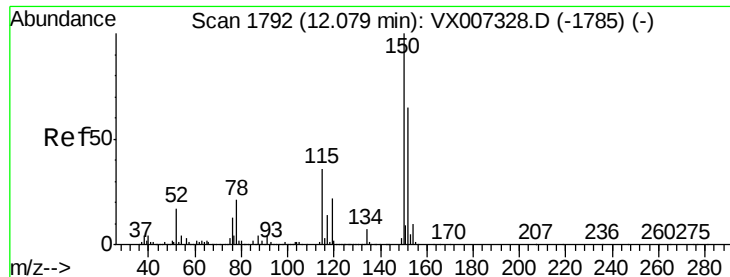
Tot Ion:117 Resp: 784371
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 24.847 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007409.D
Acq: 06 Feb 2019 19:30

Tgt Ion:164 Resp: 183691
Ion Ratio Lower Upper
164 100
166 130.0 101.0 151.4
129 90.4 70.5 105.7
131 88.6 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007409.D

Acq: 06 Feb 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

MW-12

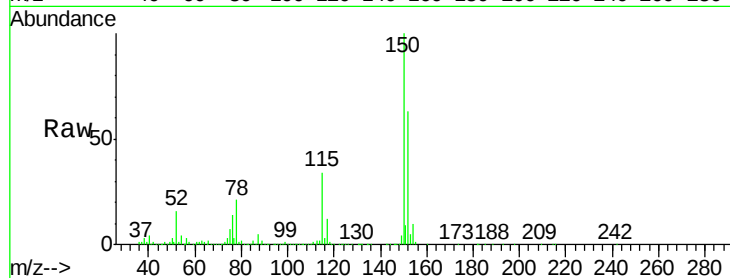
Tot Ion:152 Resp: 381315

Ion Ratio Lower Upper

152 100

115 55.0 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

