

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002635.D
 Acq On : 16 Jun 2018 09:24
 Operator : JC/MD
 Sample : J3449-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-21

Quant Time: Jun 18 07:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

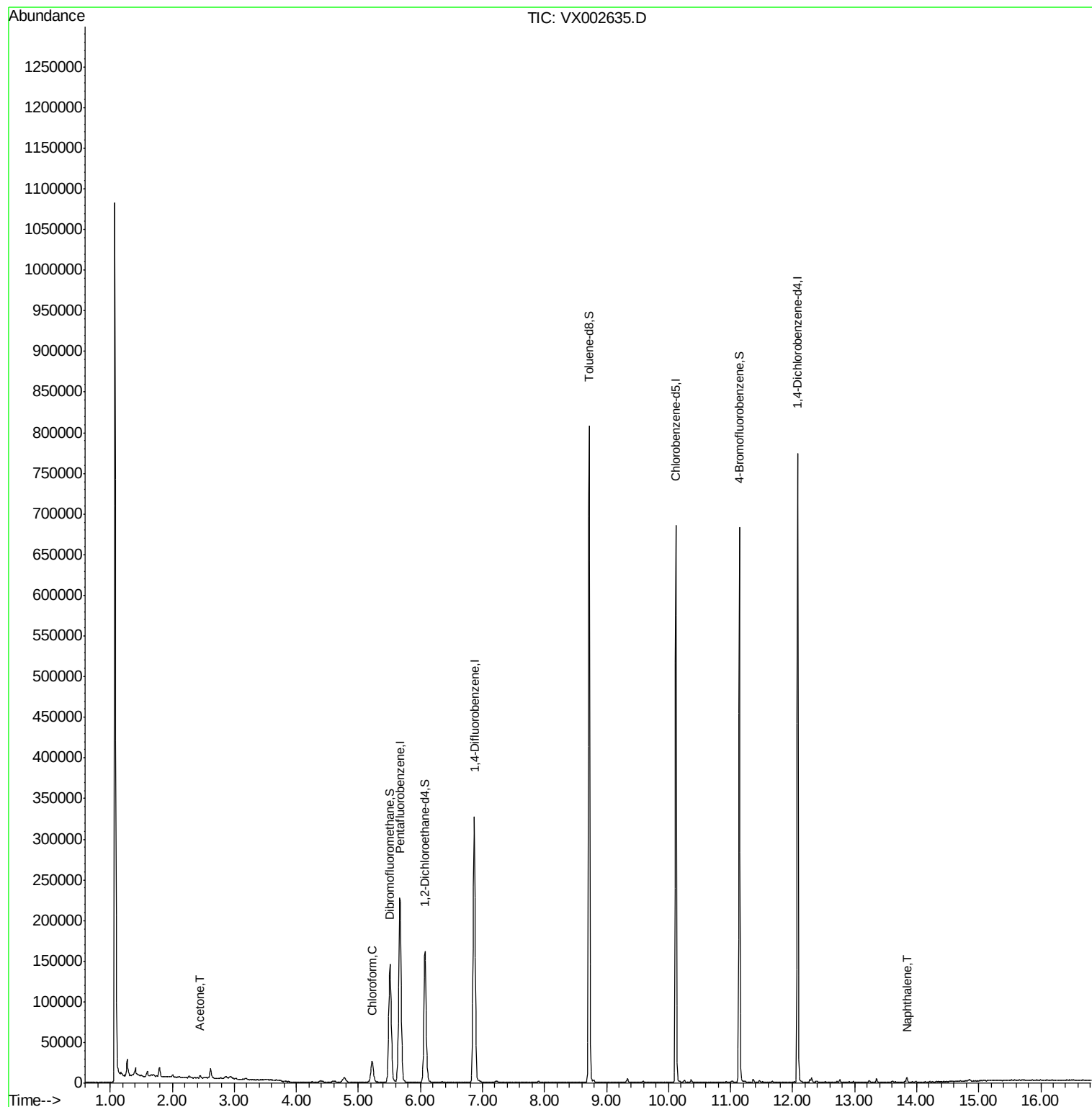
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152603	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
35) Dibromofluoromethane	5.51	113	118314	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	8.72	98	457309	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	11.14	95	157154	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
Target Compounds						
16) Acetone	2.45	43	3729	2.46	ug/l #	89
30) Chloroform	5.22	83	29222	6.16	ug/l	98
95) Naphthalene	13.84	128	3774	0.35	ug/l #	97

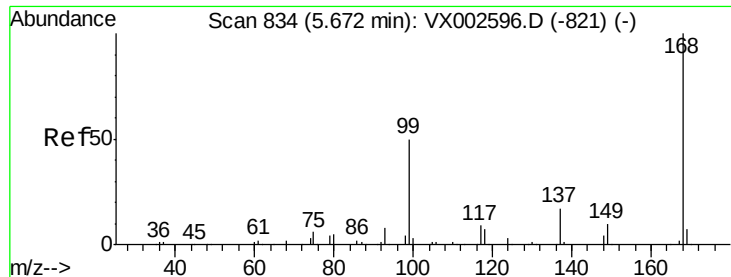
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002635.D

Acq: 16 Jun 2018 09:24

Instrument :

MSVOA_X

ClientSampleId :

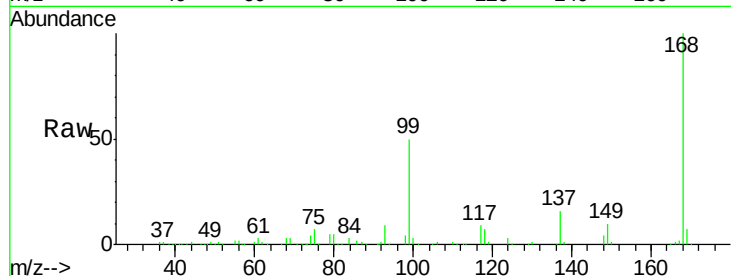
W-21

Tot Ion:168 Resp: 225736

Ion Ratio Lower Upper

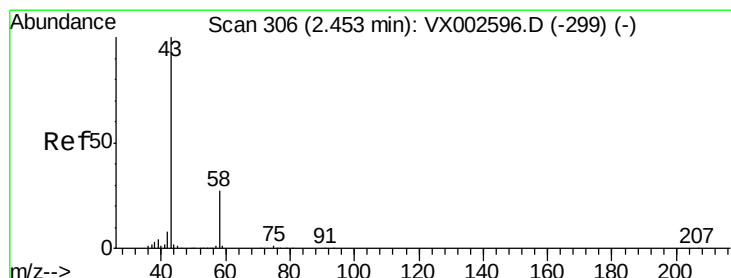
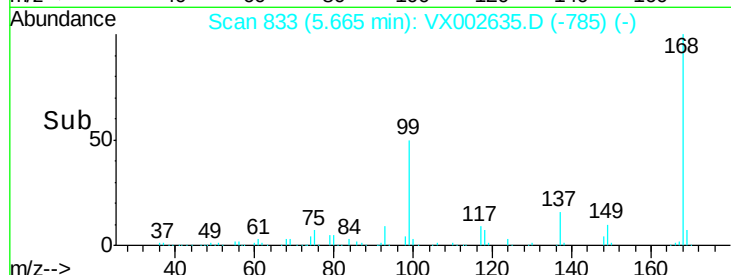
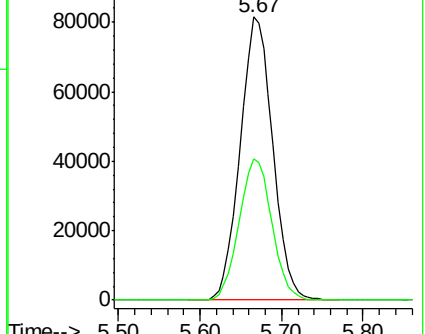
168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.46 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002635.D

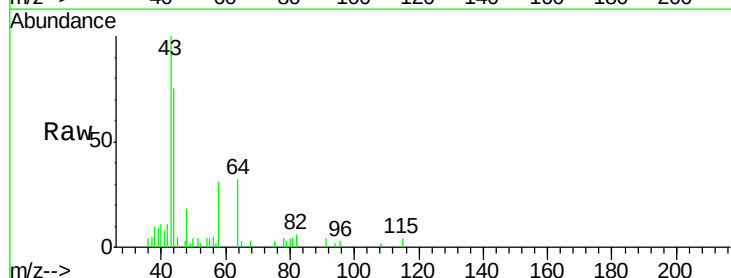
Acq: 16 Jun 2018 09:24

Tgt Ion: 43 Resp: 3729

Ion Ratio Lower Upper

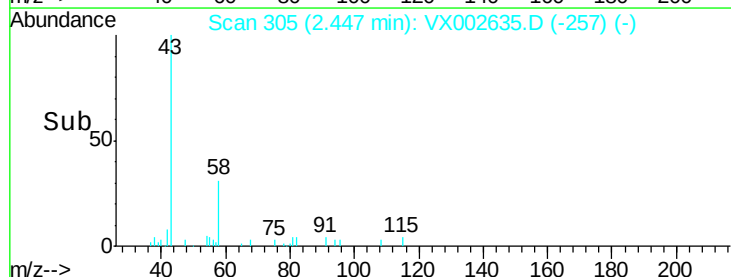
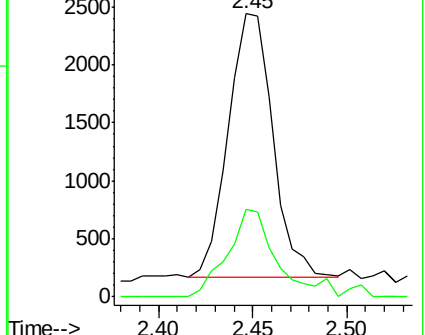
43 100

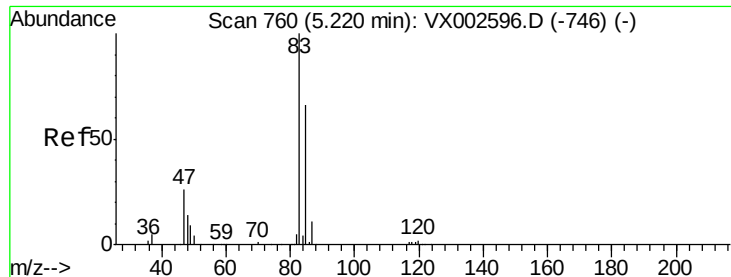
58 33.4 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

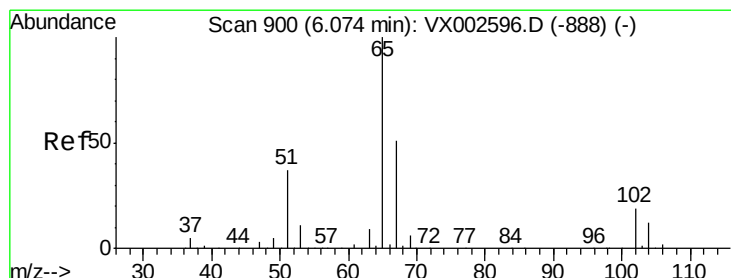
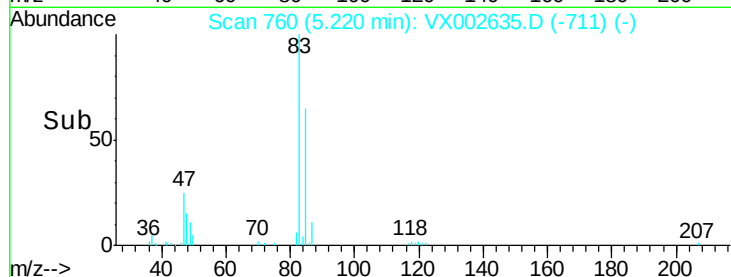
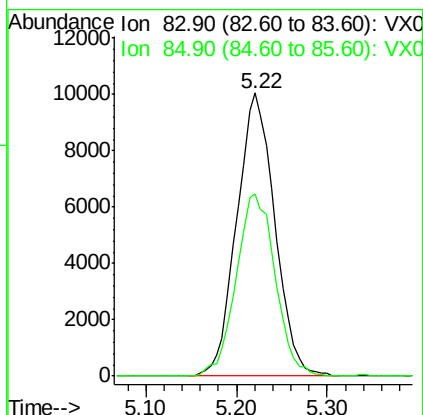
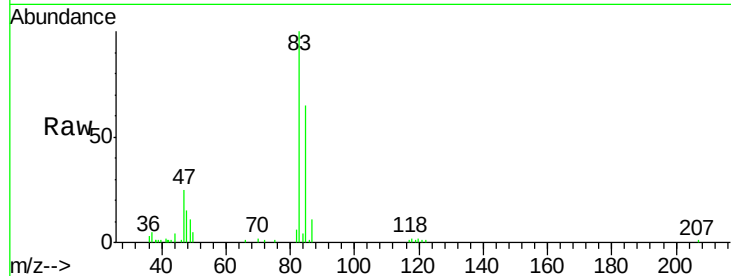




#30
Chloroform
Concen: 6.16 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002635.D
Acq: 16 Jun 2018 09:24

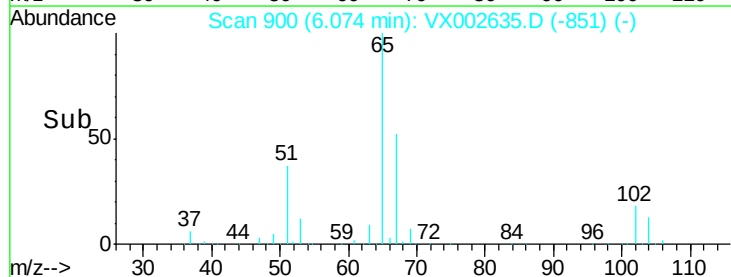
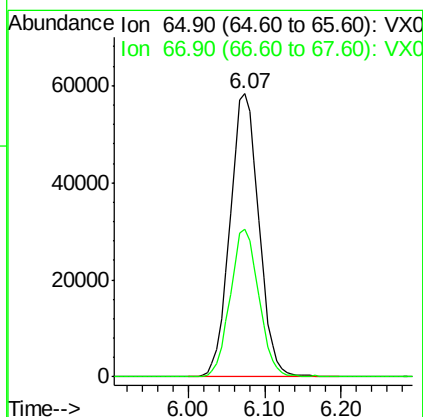
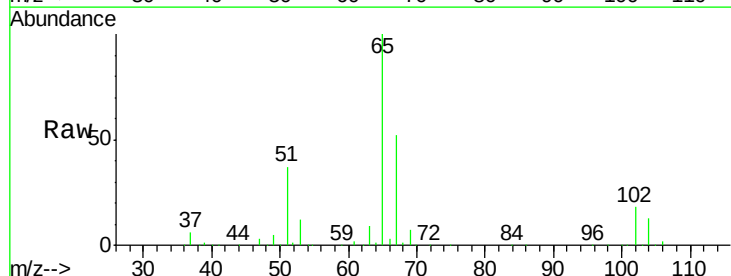
Instrument :
MSVOA_X
ClientSampled :
W-21

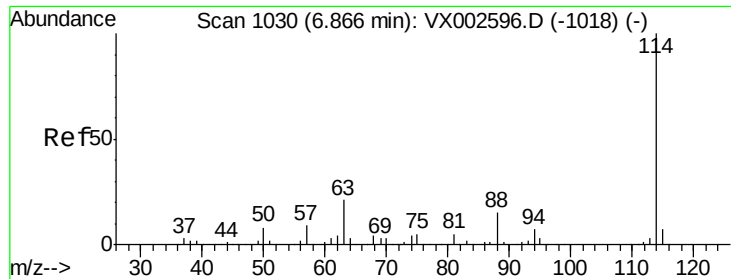
Tot Ion: 83 Resp: 29222
Ion Ratio Lower Upper
83 100
85 64.5 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 44.49 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002635.D
Acq: 16 Jun 2018 09:24

Tgt Ion: 65 Resp: 152603
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002635.D

Acq: 16 Jun 2018 09:24

Instrument :

MSVOA_X

ClientSampled :

W-21

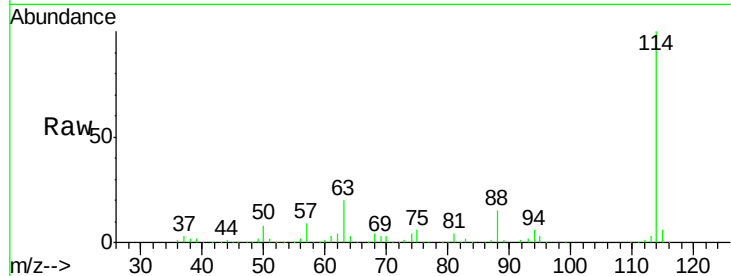
Tot Ion:114 Resp: 321311

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

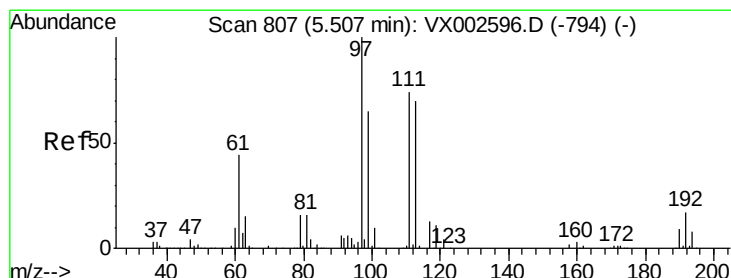
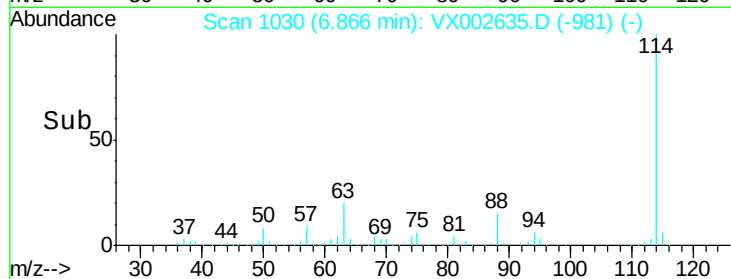
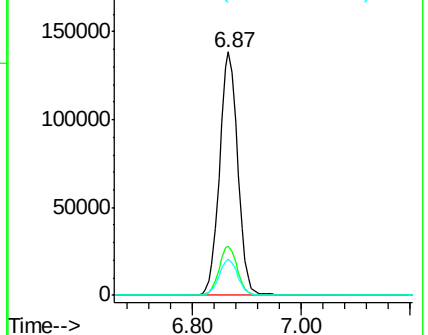
88 15.1 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 46.14 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002635.D

Acq: 16 Jun 2018 09:24

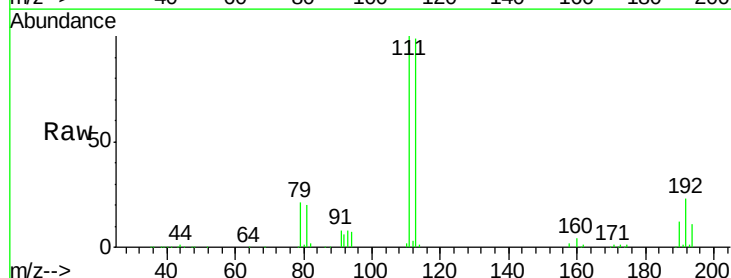
Tgt Ion:113 Resp: 118314

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

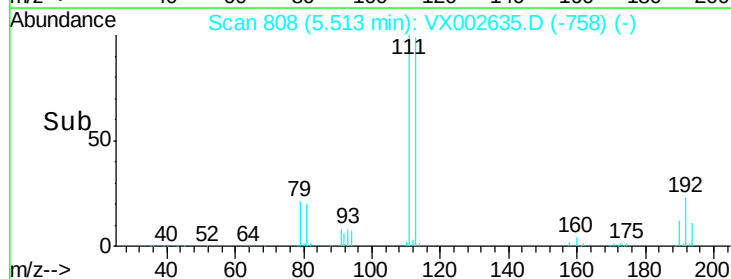
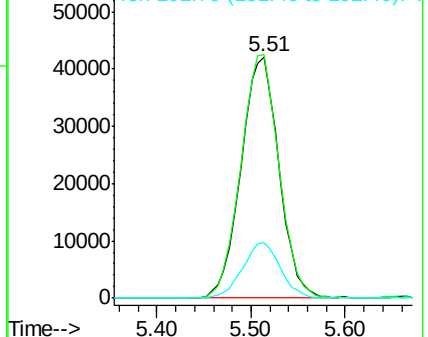
192 22.9 19.1 28.7

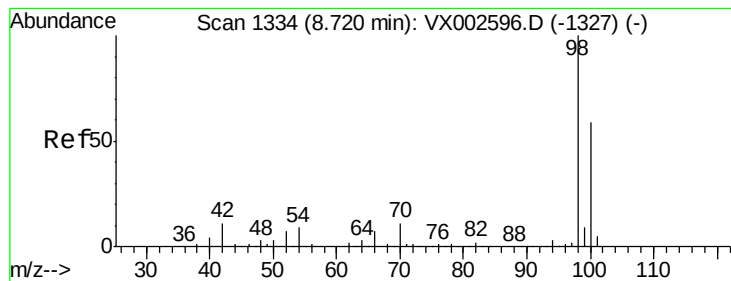


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002635.D

Acq: 16 Jun 2018 09:24

Instrument :

MSVOA_X

ClientSampleId :

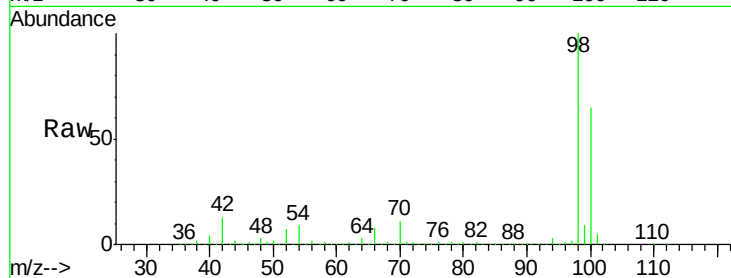
W-21

Tot Ion: 98 Resp: 457309

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

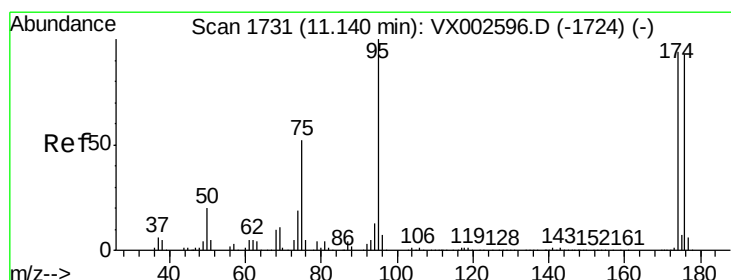
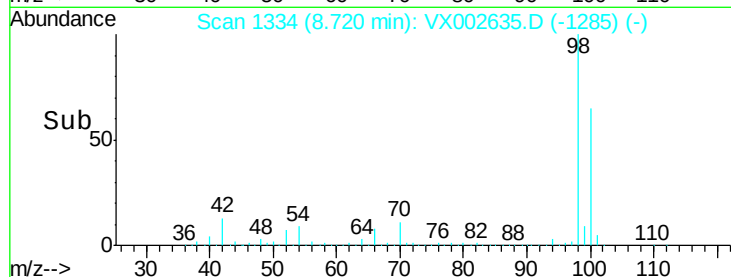
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 42.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002635.D

Acq: 16 Jun 2018 09:24

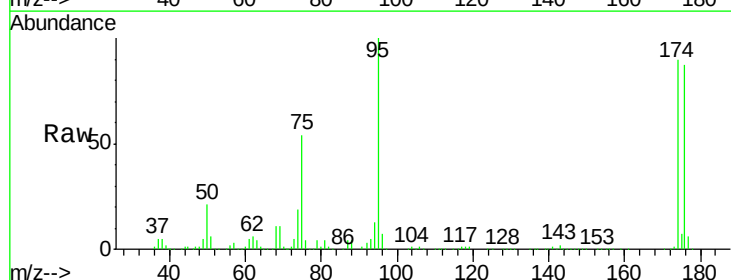
Tgt Ion: 95 Resp: 157154

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

176 92.6 0.0 181.0



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

150000

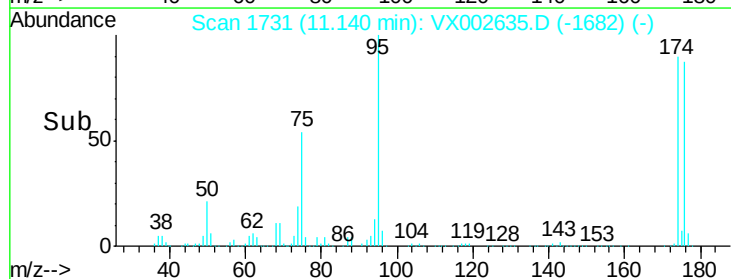
100000

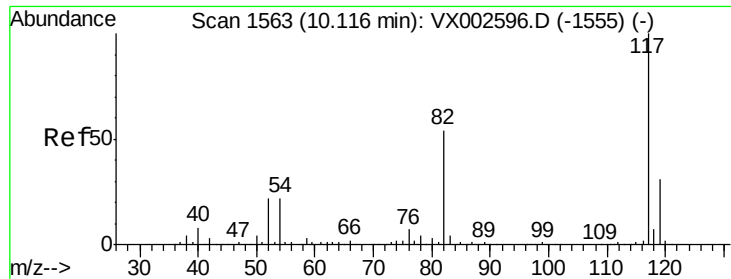
50000

0

11.05 11.10 11.15 11.20

Time-->

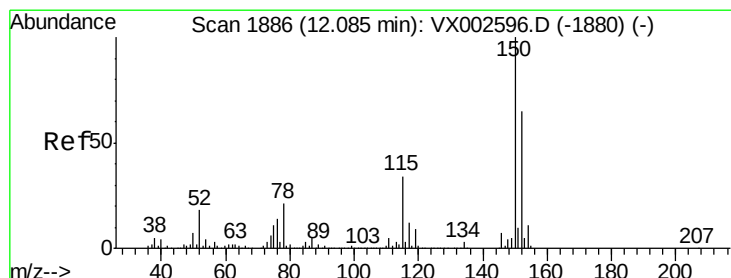
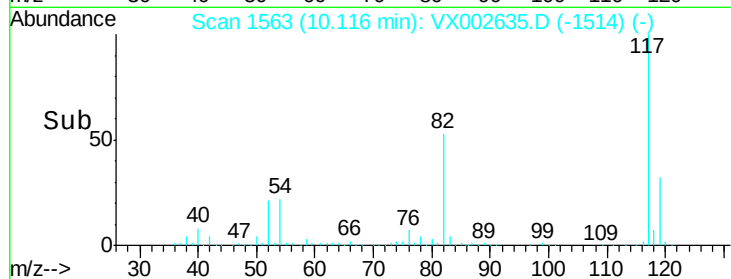
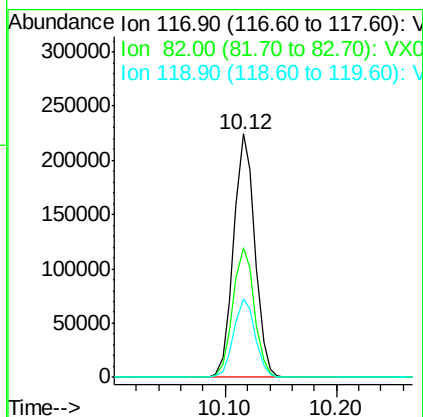
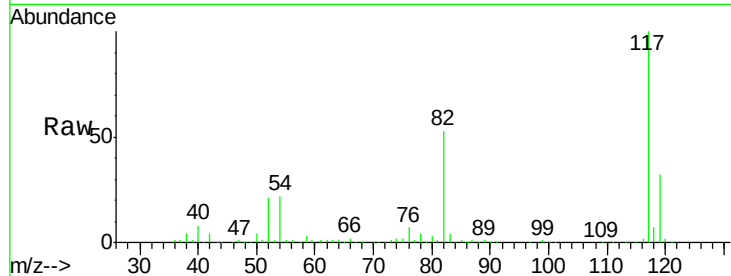




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX002635.D
 Acq: 16 Jun 2018 09:24

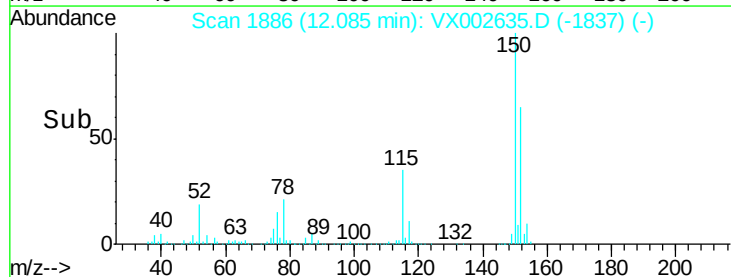
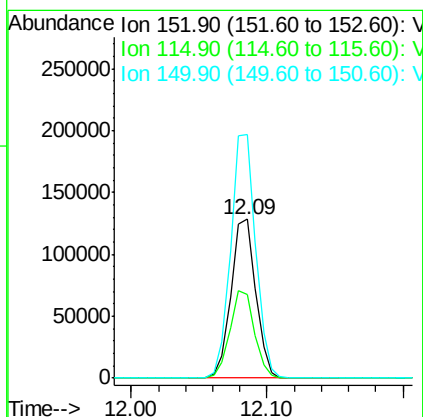
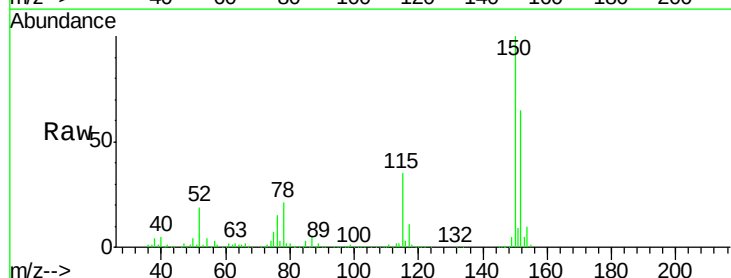
Instrument :
 MSVOA_X
 ClientSampleId :
 W-21

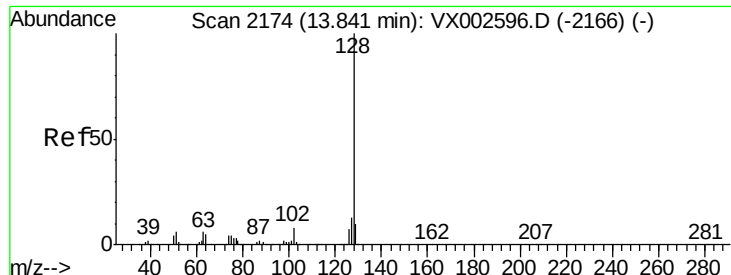
Tot Ion:117 Resp: 296909
 Ion Ratio Lower Upper
 117 100
 82 53.4 45.0 67.4
 119 32.1 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX002635.D
 Acq: 16 Jun 2018 09:24

Tgt Ion:152 Resp: 162353
 Ion Ratio Lower Upper
 152 100
 115 54.8 40.1 120.2
 150 154.6 0.0 347.2





#95
Naphthalene
Concen: 0.35 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002635.D
Acq: 16 Jun 2018 09:24

Instrument :
MSVOA_X
ClientSampleId :
W-21

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	13.0	8.6	13.0

