

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
 Data File : VX003558.D
 Acq On : 21 Jul 2018 16:40
 Operator : JC/SP
 Sample : J4014-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW03-071218DL

Quant Time: Jul 23 02:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

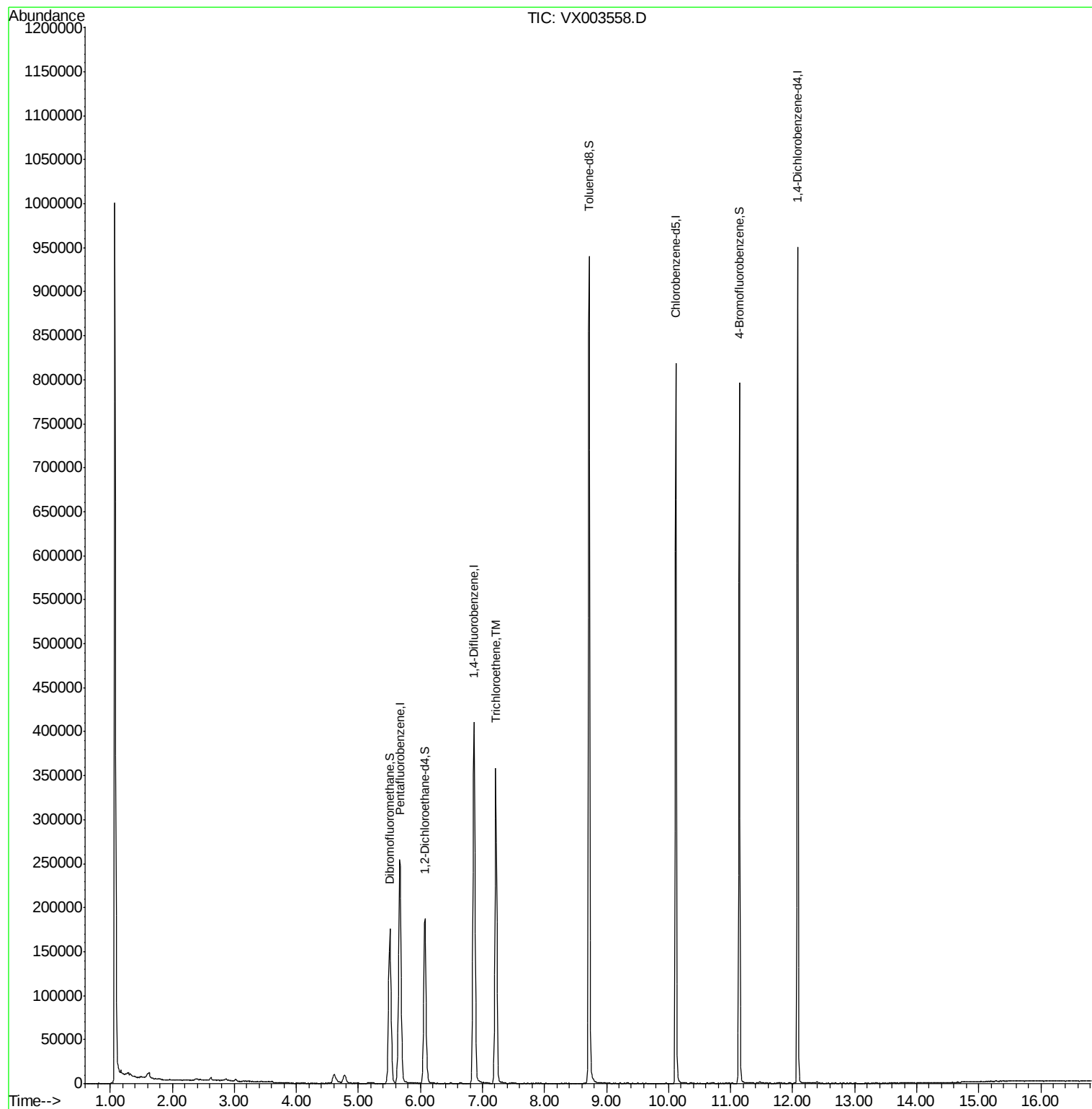
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	446444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180864	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
35) Dibromofluoromethane	5.51	113	153144	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	8.72	98	580413	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.14	95	198893	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
Target Compounds						
44) Trichloroethene	7.21	130	147872	34.071	ug/l	Qvalue 98

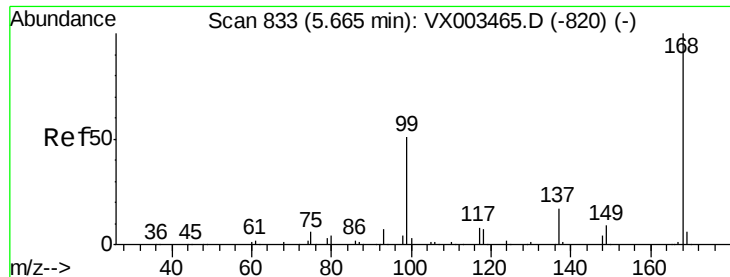
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003558.D

Acq: 21 Jul 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

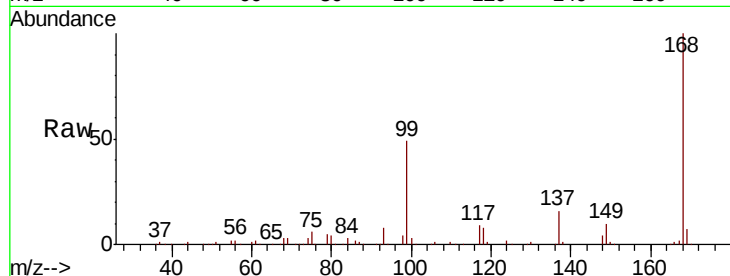
GW03-071218DL

Tgt Ion:168 Resp: 270334

Ion Ratio Lower Upper

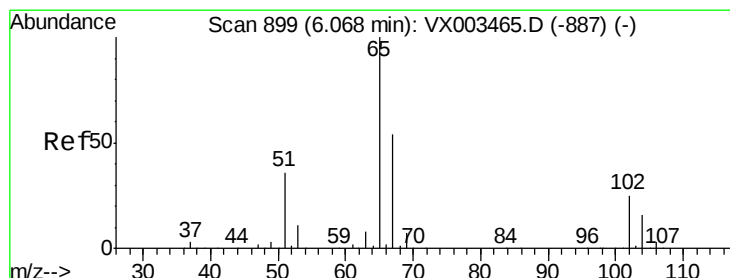
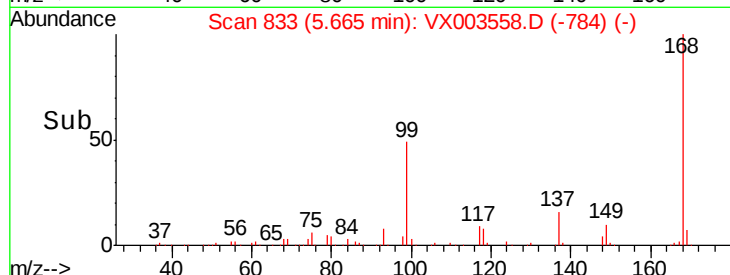
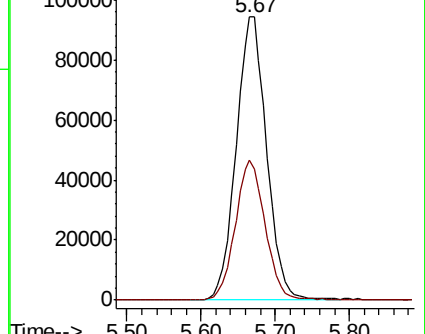
168 100

99 49.4 39.3 58.9



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: 56.520 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003558.D

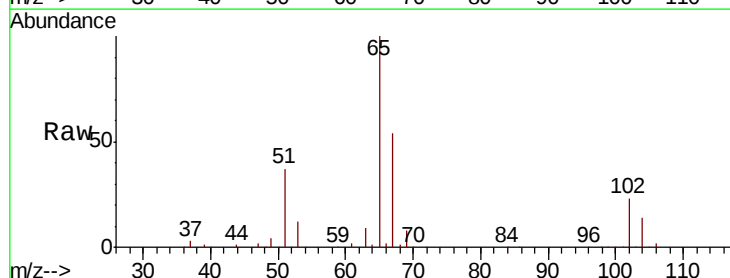
Acq: 21 Jul 2018 16:40

Tgt Ion: 65 Resp: 180864

Ion Ratio Lower Upper

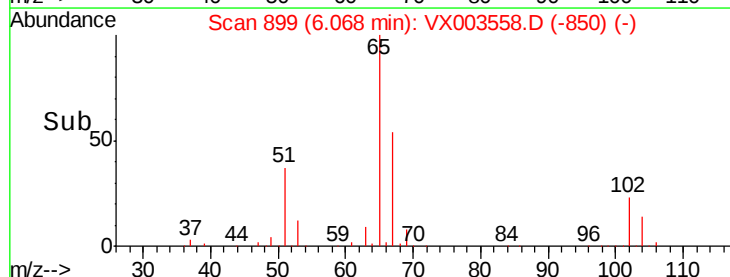
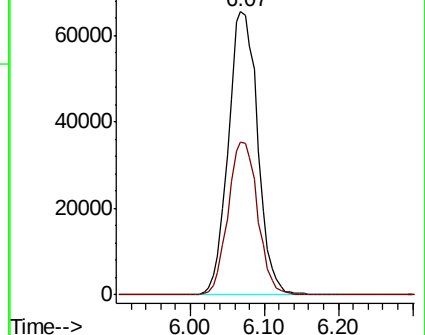
65 100

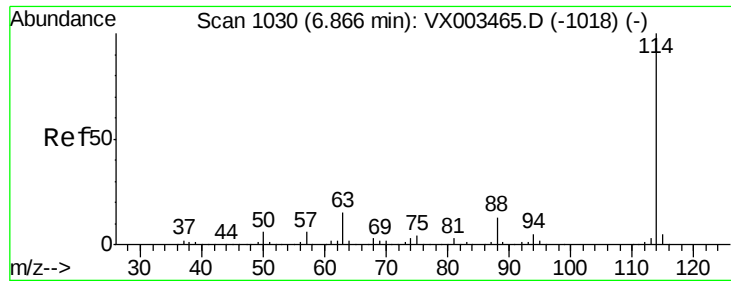
67 54.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

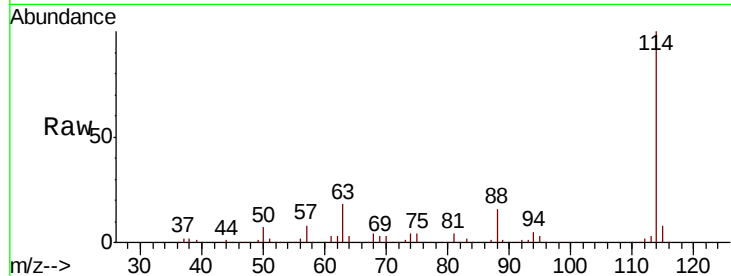




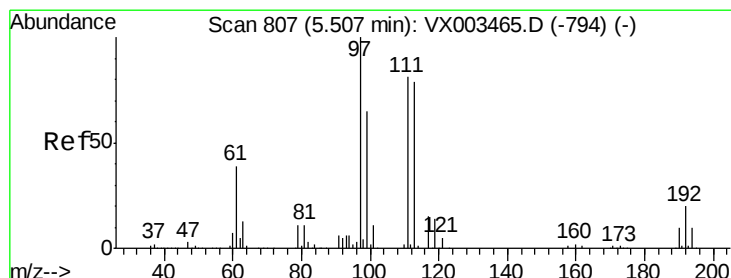
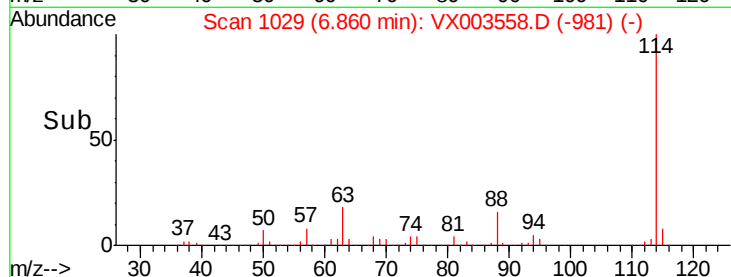
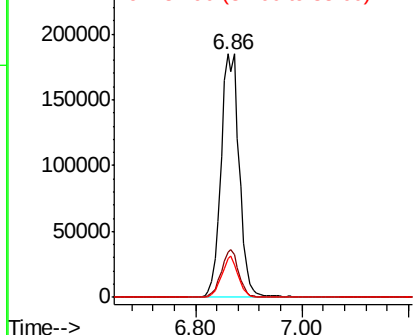
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003558.D
 Acq: 21 Jul 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GW03-071218DL

Tgt Ion:114 Resp: 446444
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.4
 88 15.7 0.0 30.0

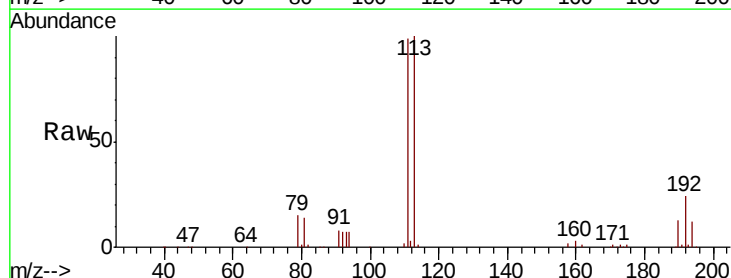


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

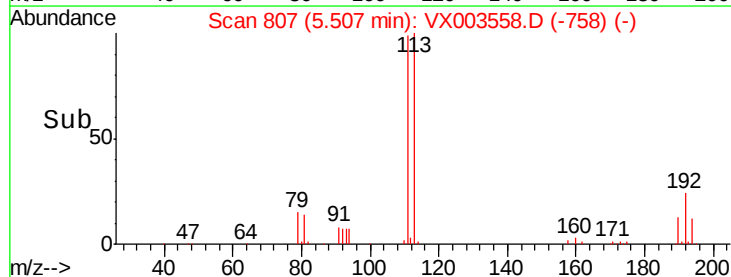
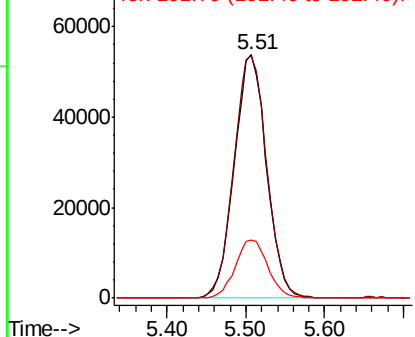


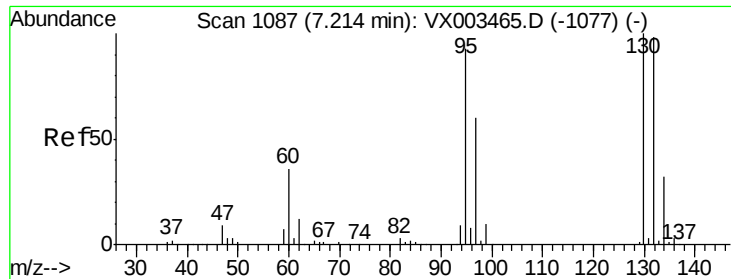
#35
 Dibromofluoromethane
 Concen: 45.037 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003558.D
 Acq: 21 Jul 2018 16:40

Tgt Ion:113 Resp: 153144
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.2 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

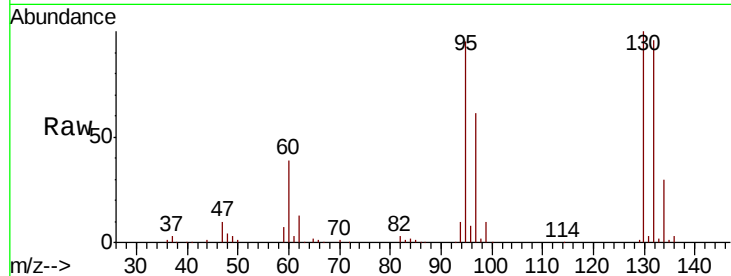




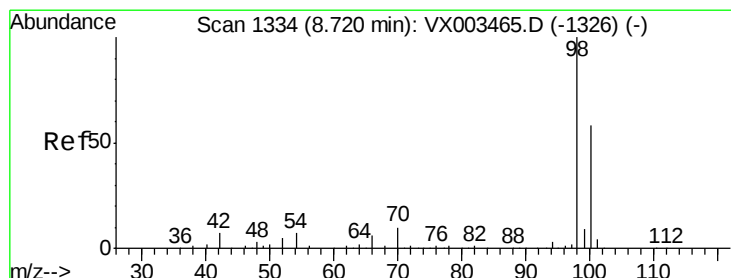
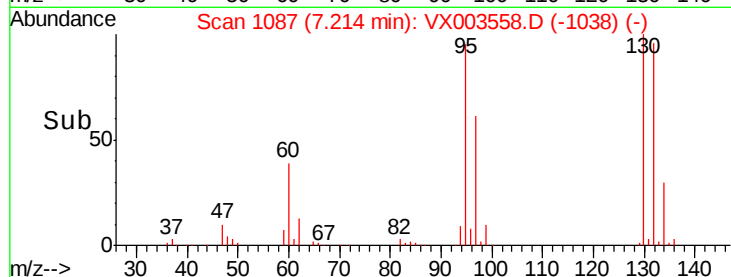
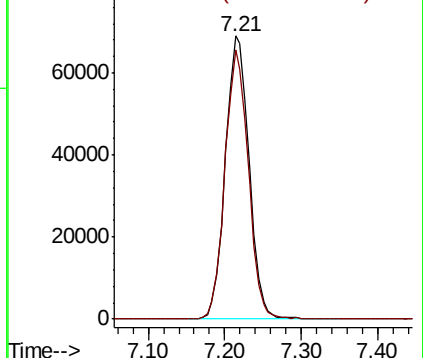
#44
 Trichloroethene
 Concen: 34.071 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003558.D
 Acq: 21 Jul 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GW03-071218DL

Tgt Ion:130 Resp: 147872
 Ion Ratio Lower Upper
 130 100
 95 95.0 0.0 185.4

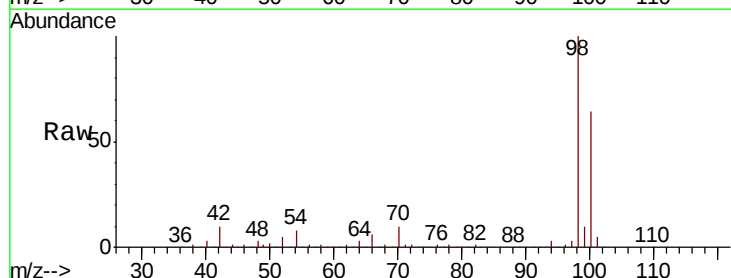


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

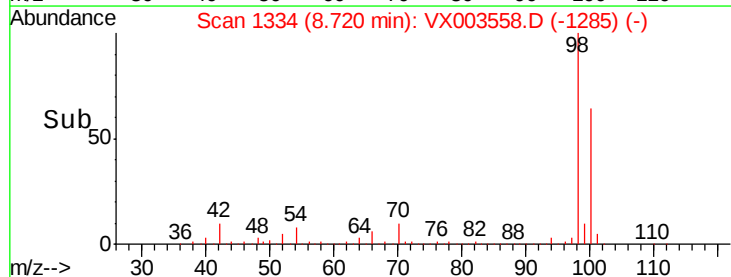
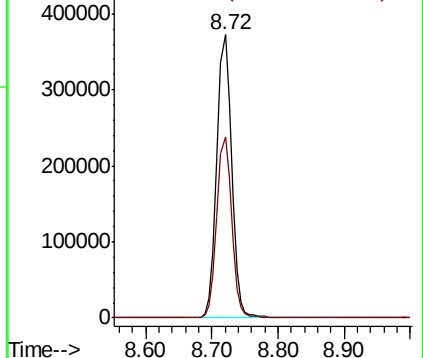


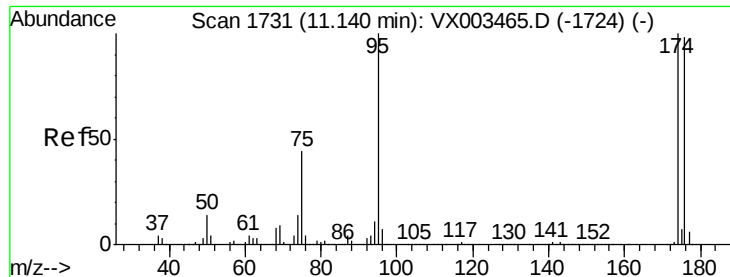
#50
 Toluene-d8
 Concen: 45.412 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003558.D
 Acq: 21 Jul 2018 16:40

Tgt Ion: 98 Resp: 580413
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.642 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003558.D

Acq: 21 Jul 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

GW03-071218DL

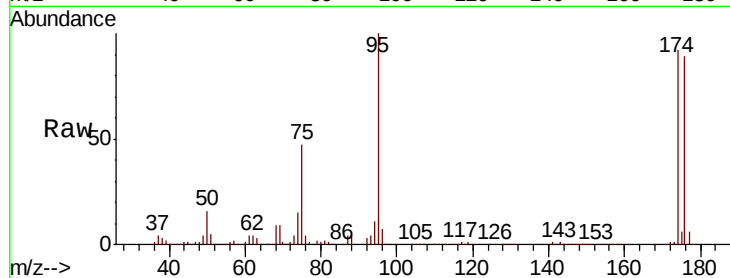
Tgt Ion: 95 Resp: 198893

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

176 91.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003465.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003465.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003465.D (-1724) (-)

11.14

200000

150000

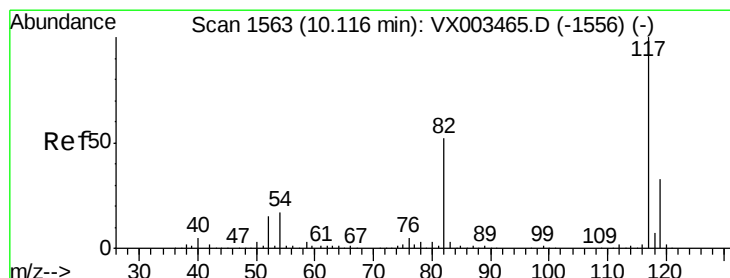
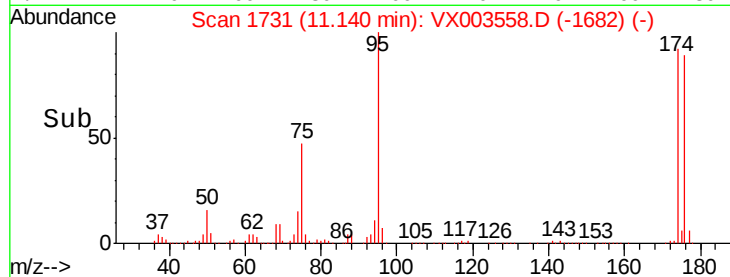
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003558.D

Acq: 21 Jul 2018 16:40

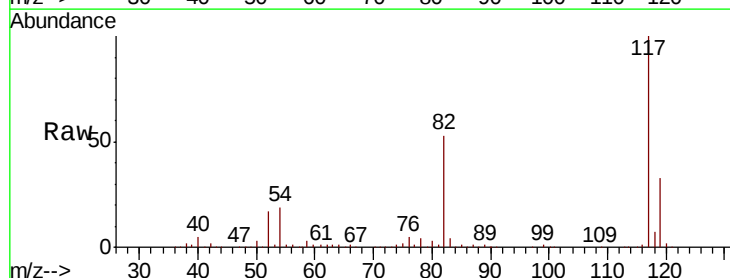
Tgt Ion: 117 Resp: 381958

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003465.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003465.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003465.D (-1556) (-)

10.12

400000

300000

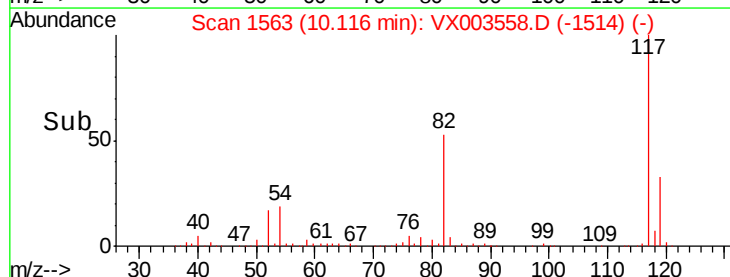
200000

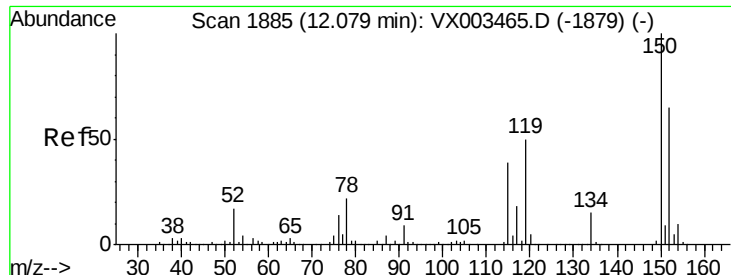
100000

0

10.10 10.20

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003558.D
 Acq: 21 Jul 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GW03-071218DL

Tgt Ion	Resp	Ratio	Lower	Upper
152	212296	100		
115	54.3		40.1	120.2
150	155.4		0.0	347.2

