

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002406.D
 Acq On : 08 Jun 2018 17:10
 Operator : JC/MD
 Sample : J3409-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB09-180607

Quant Time: Jun 09 03:52:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176831	58.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.62%	
35) Dibromofluoromethane	5.51	113	131909	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	8.72	98	522081	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
62) 4-Bromofluorobenzene	11.14	95	175452	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

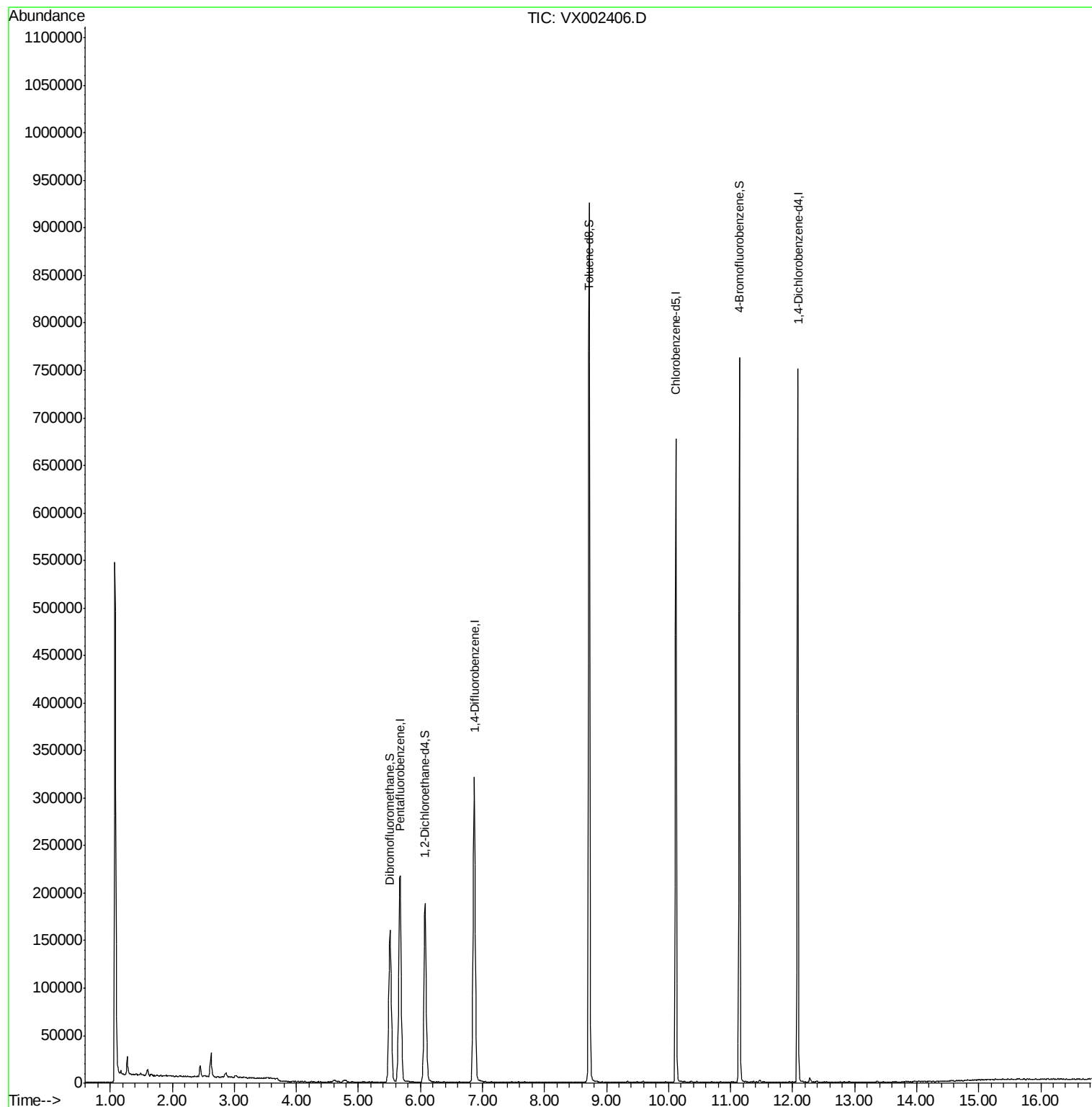
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002406.D

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Instrument :

MSVOA_X

ClientSampleId :

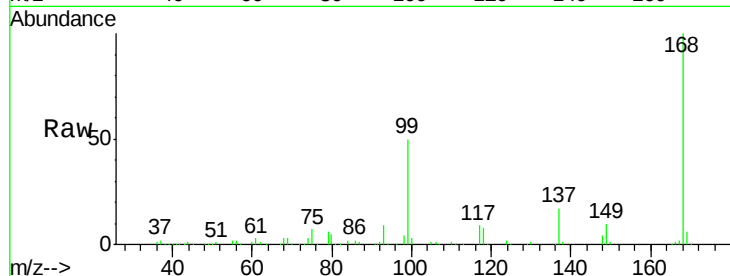
Z4TB09-180607

Tgt Ion:168 Resp: 212457

Ion Ratio Lower Upper

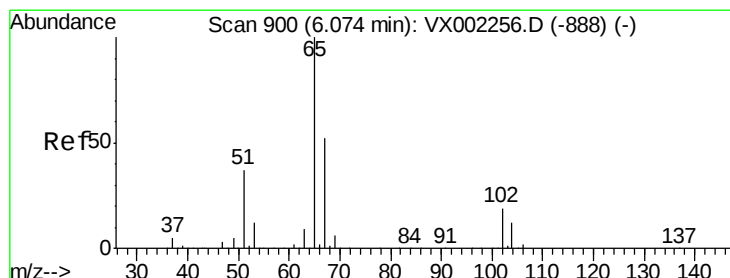
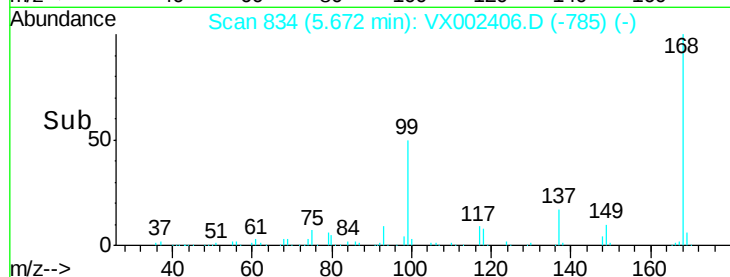
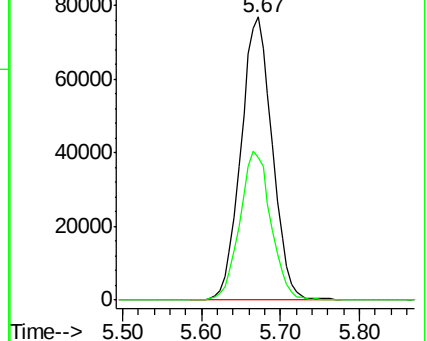
168 100

99 50.4 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: 58.81 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002406.D

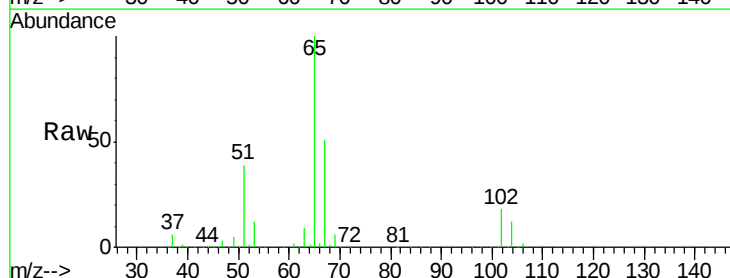
Acq: 08 Jun 2018 17:10

Tgt Ion: 65 Resp: 176831

Ion Ratio Lower Upper

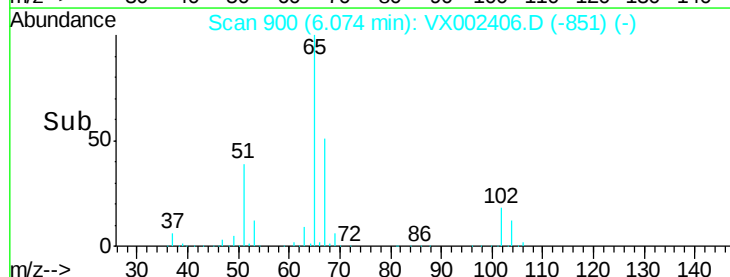
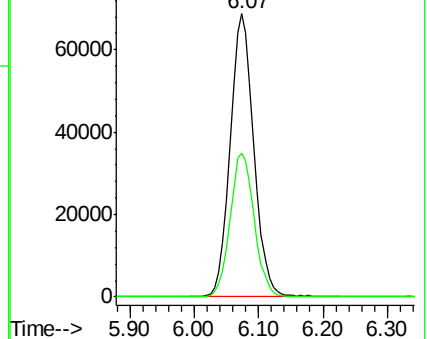
65 100

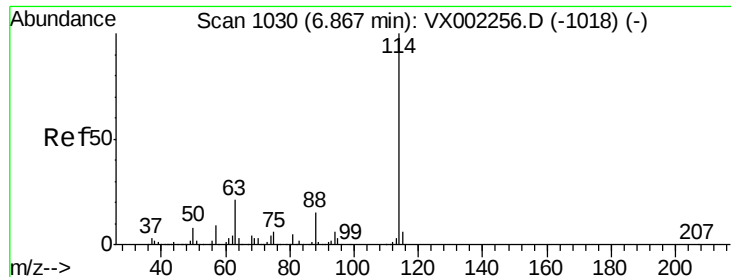
67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

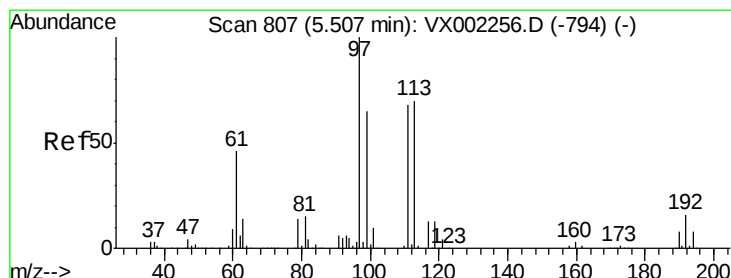
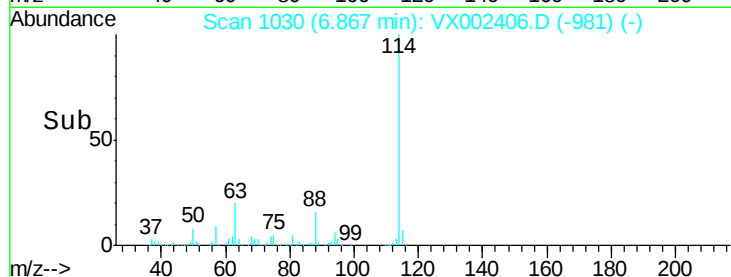
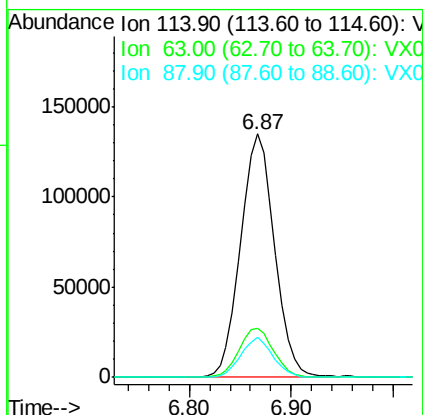
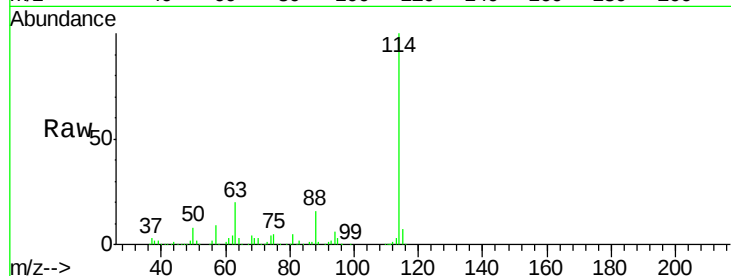




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002406.D
 Acq: 08 Jun 2018 17:10

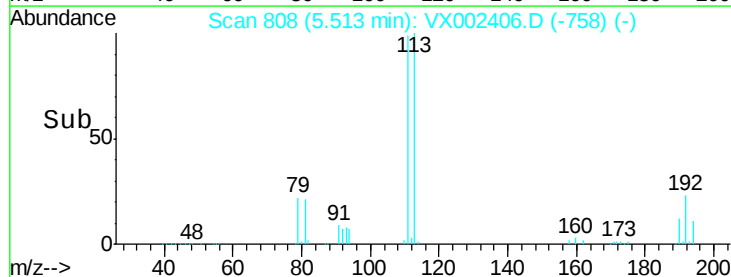
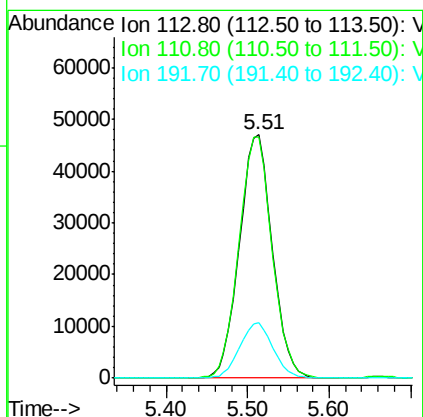
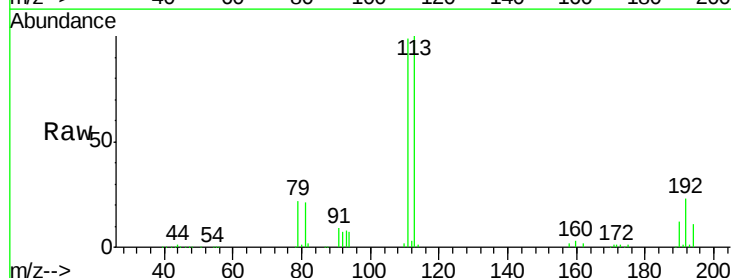
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB09-180607

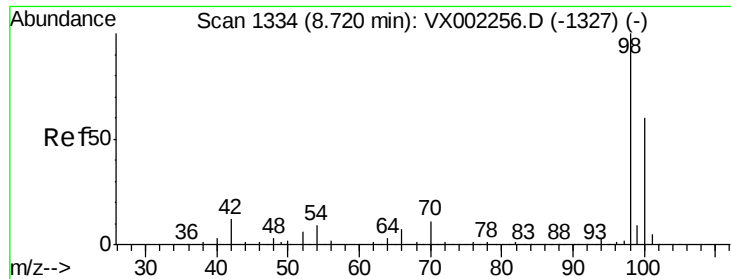
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	16.3	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 53.67 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002406.D
 Acq: 08 Jun 2018 17:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.4	122.0
192	23.1	19.1	28.7





#50

Toluene-d8

Concen: 55.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002406.D

Acq: 08 Jun 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

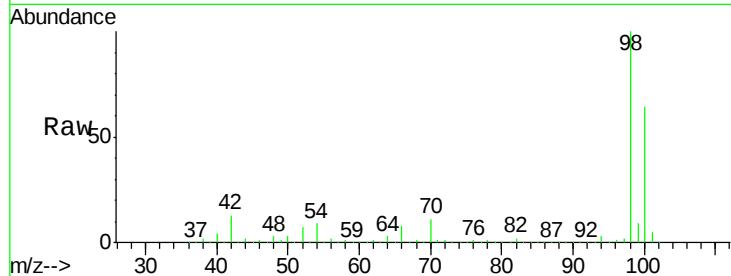
Z4TB09-180607

Tgt Ion: 98 Resp: 522081

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

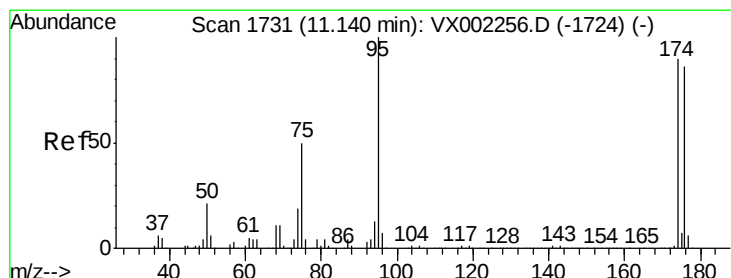
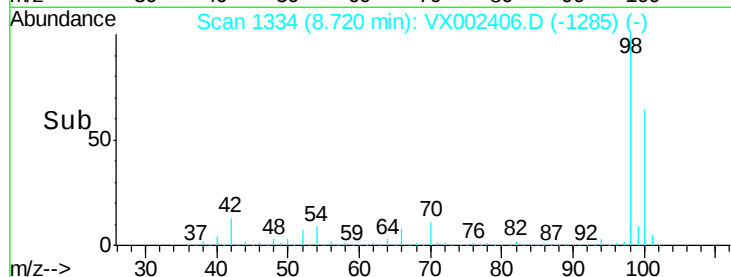
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002406.D

Acq: 08 Jun 2018 17:10

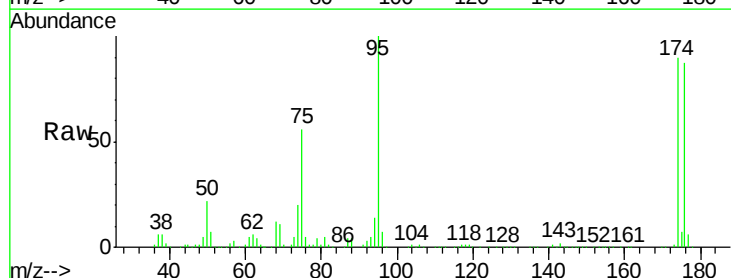
Tgt Ion: 95 Resp: 175452

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

176 91.9 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

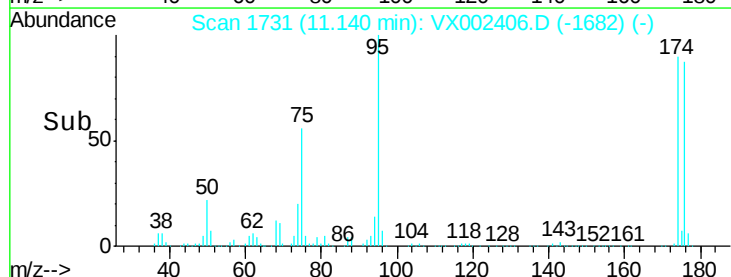
150000

100000

50000

0

Time--> 11.10 11.20

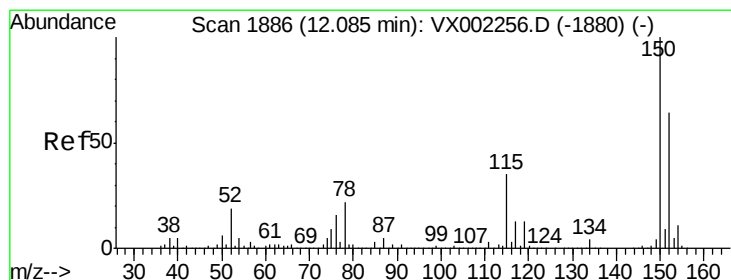
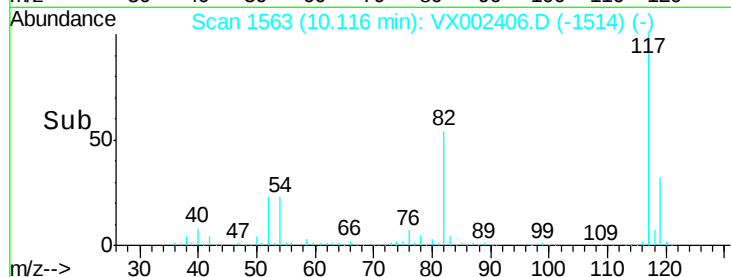
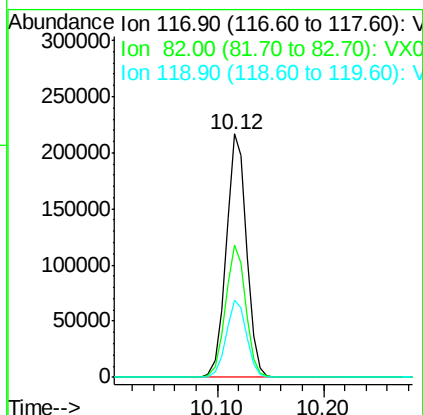
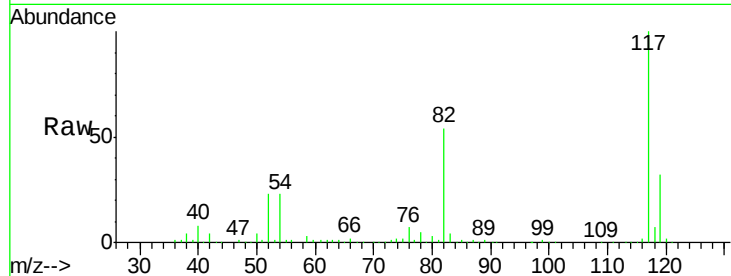




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002406.D
Acq: 08 Jun 2018 17:10

Instrument :
MSVOA_X
ClientSampleId :
Z4TB09-180607

Tgt Ion:117 Resp: 289058
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 31.9 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: VX002406.D
Acq: 08 Jun 2018 17:10

Tgt Ion:152 Resp: 155257
Ion Ratio Lower Upper
152 100
115 55.2 40.1 120.2
150 155.0 0.0 347.2

