

Data File : VX003314.D
Acq On : 11 Jul 2018 05:30
Operator : JC/MD
Sample : J3925-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Jul 19 04:51:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	280220	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	381260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206075	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	169872	38.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.04%	
35) Dibromofluoromethane	5.51	113	147771	36.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.16%	
50) Toluene-d8	8.72	98	530895	36.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.98%	
62) 4-Bromofluorobenzene	11.14	95	185565	34.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.04%	

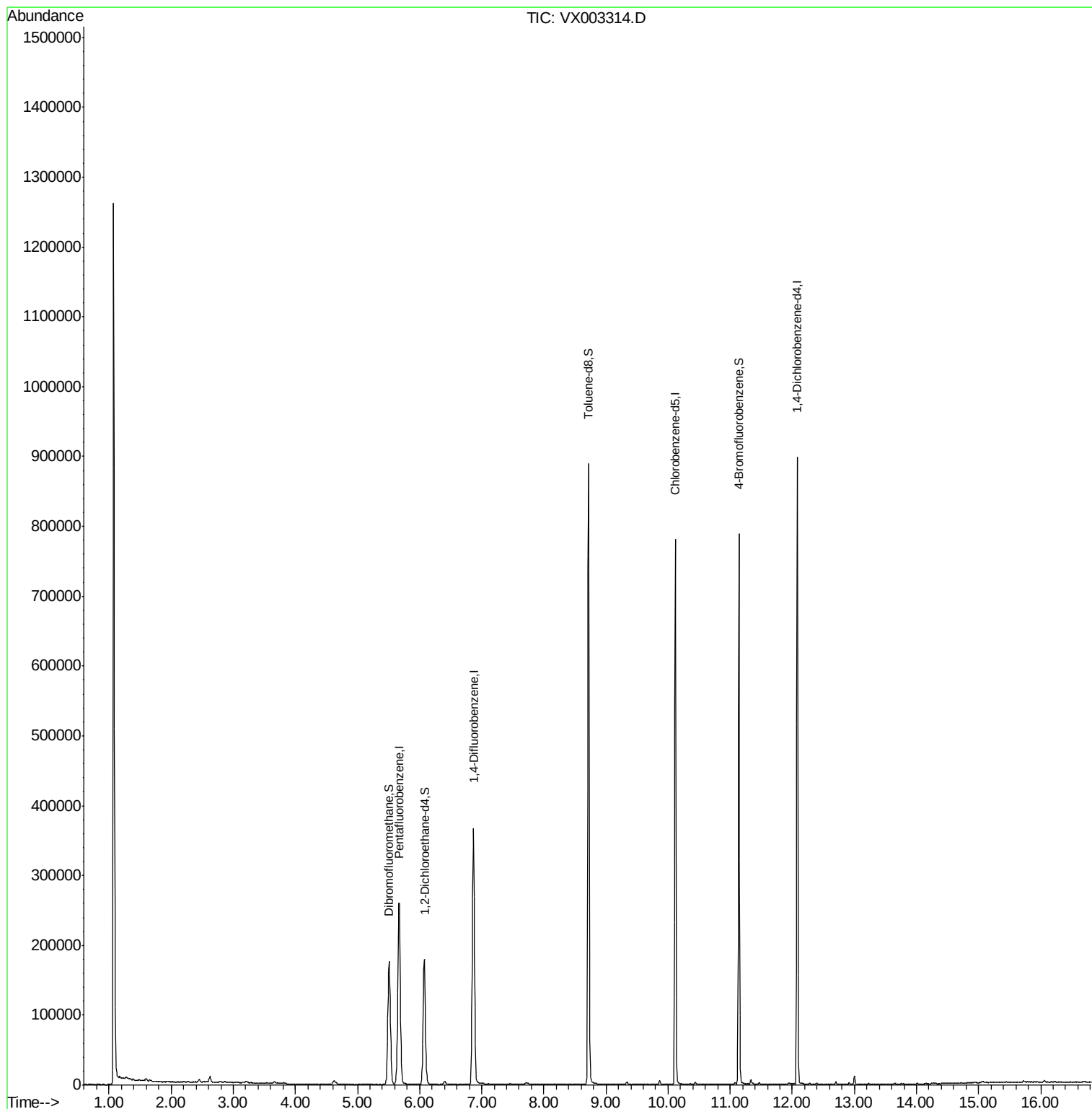
Target Compounds	Qvalue
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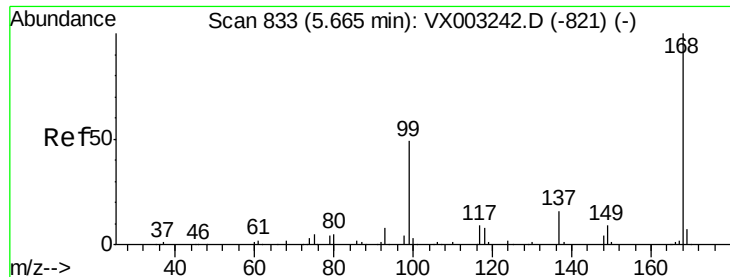
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003314.D

Acq: 11 Jul 2018 05:30

Instrument :

MSVOA_X

ClientSampled :

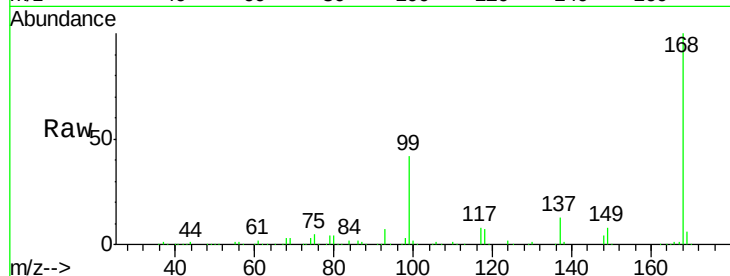
MW-3

Tgt Ion:168 Resp: 280220

Ion Ratio Lower Upper

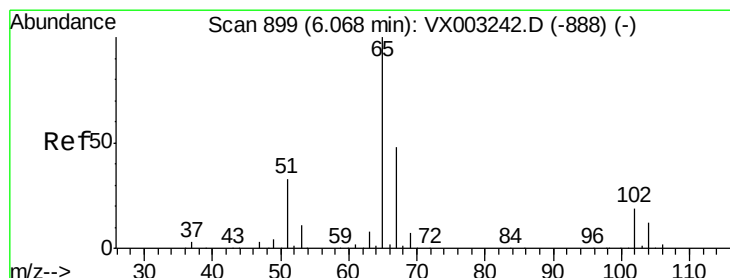
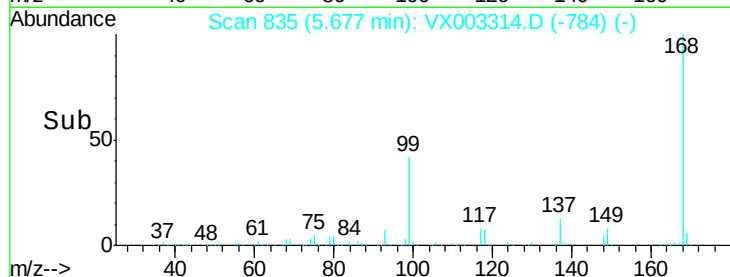
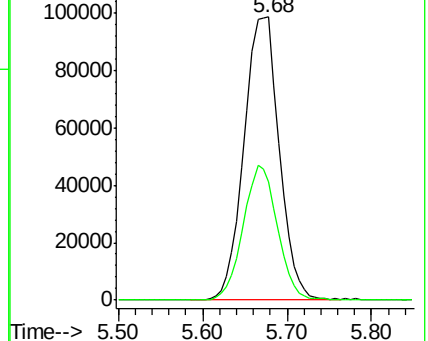
168 100

99 41.8 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: 38.519 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003314.D

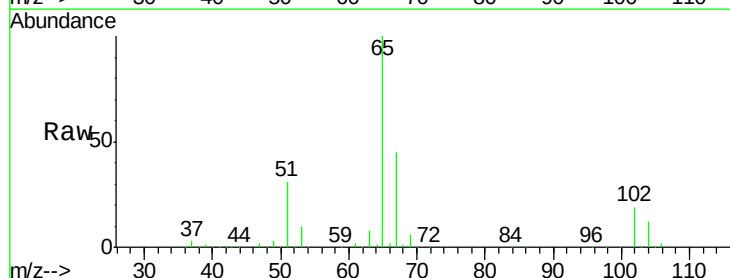
Acq: 11 Jul 2018 05:30

Tgt Ion: 65 Resp: 169872

Ion Ratio Lower Upper

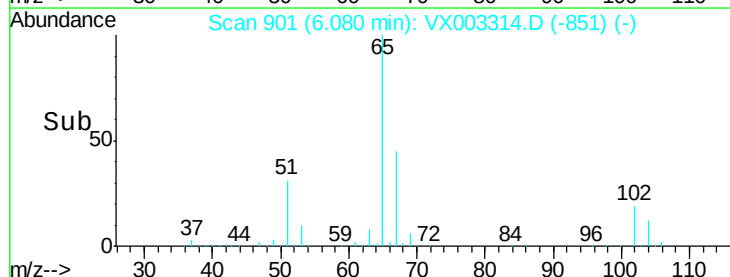
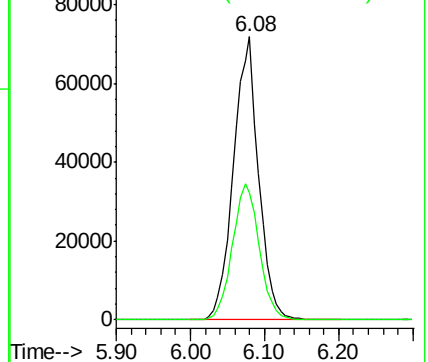
65 100

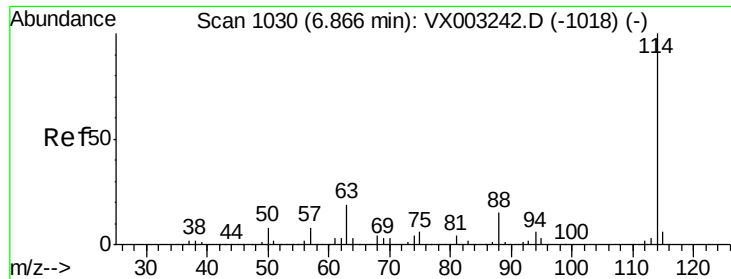
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

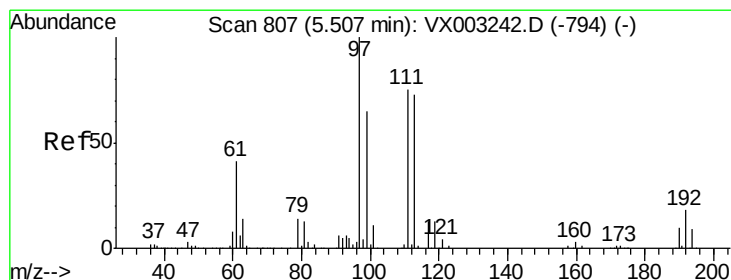
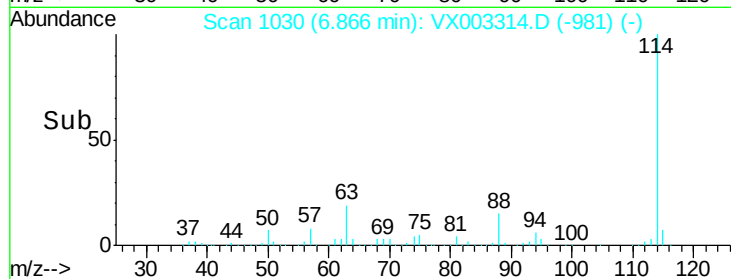
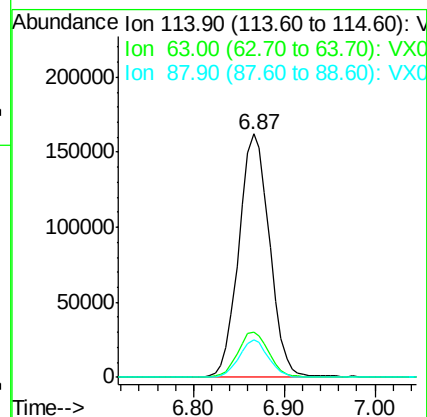
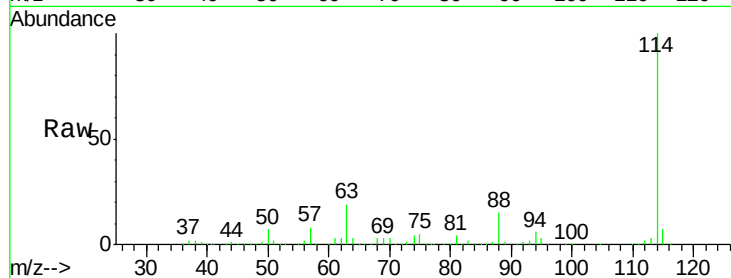




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003314.D
 Acq: 11 Jul 2018 05:30

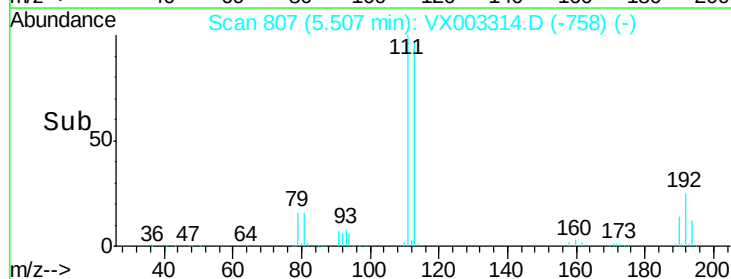
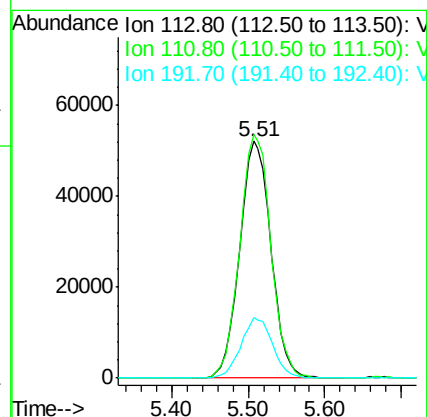
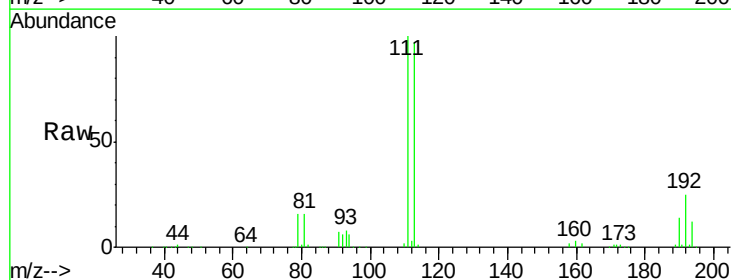
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

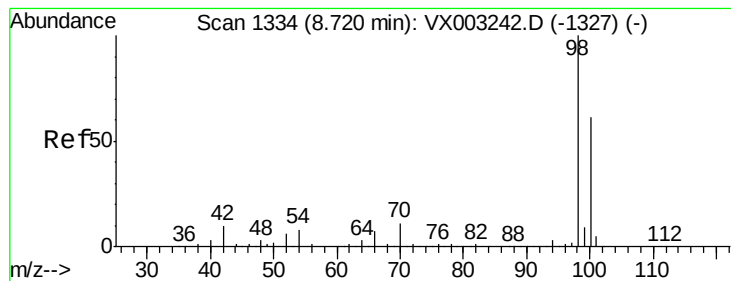
Tgt Ion:114 Resp: 381260
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 15.4 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 36.077 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003314.D
 Acq: 11 Jul 2018 05:30

Tgt Ion:113 Resp: 147771
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 25.8 19.1 28.7





#50

Toluene-d8

Concen: 36.490 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003314.D

Acq: 11 Jul 2018 05:30

Instrument :

MSVOA_X

ClientSampleId :

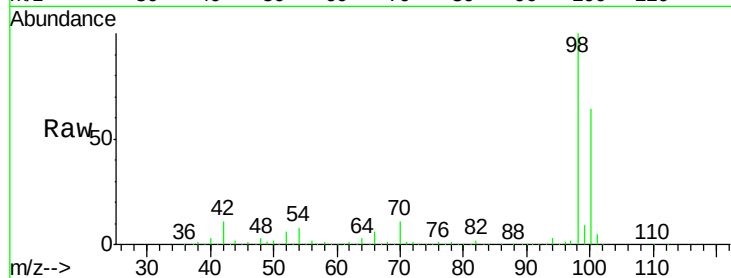
MW-3

Tgt Ion: 98 Resp: 530895

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): VX

8.72

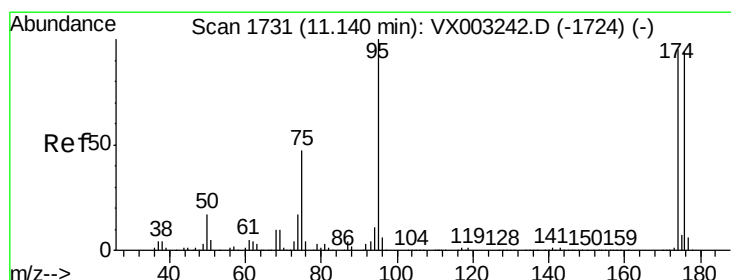
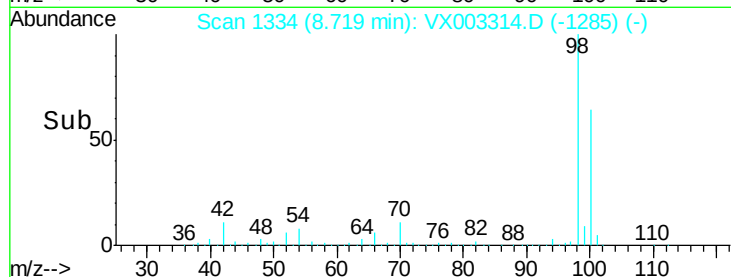
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.518 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003314.D

Acq: 11 Jul 2018 05:30

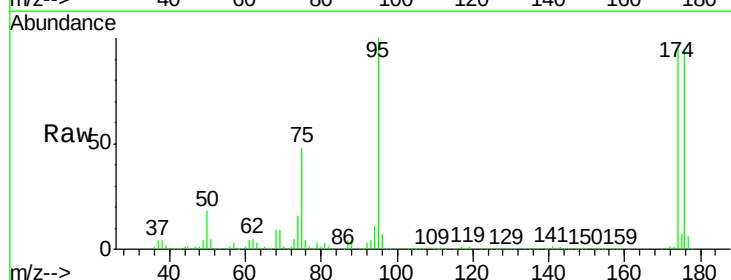
Tgt Ion: 95 Resp: 185565

Ion Ratio Lower Upper

95 100

174 102.1 0.0 187.4

176 98.9 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

11.14

200000

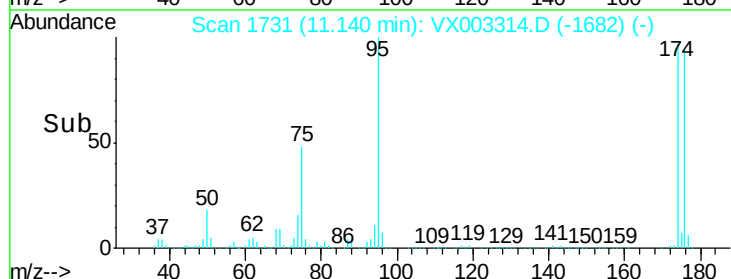
150000

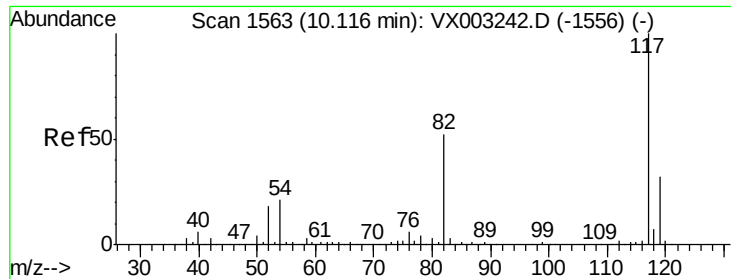
100000

50000

0

Time-->

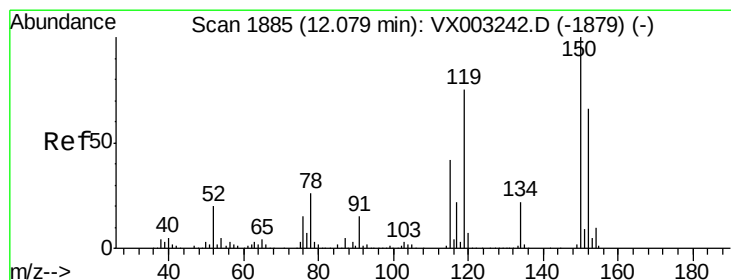
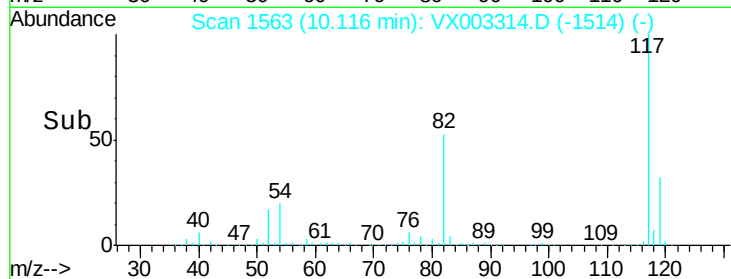
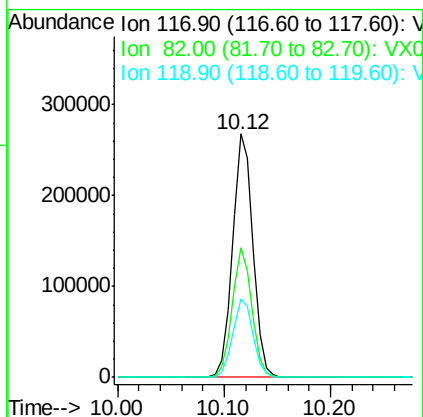
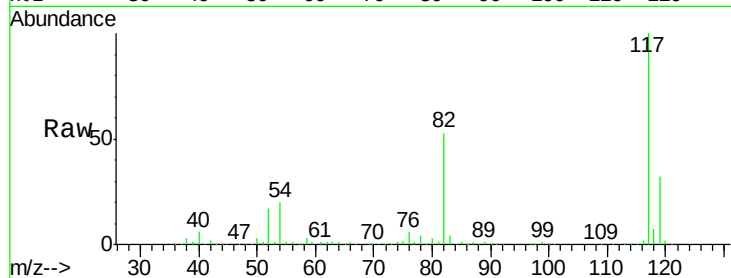




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003314.D
Acq: 11 Jul 2018 05:30

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion:117 Resp: 359299
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003314.D
Acq: 11 Jul 2018 05:30

Tgt Ion:152 Resp: 206075
Ion Ratio Lower Upper
152 100
115 52.7 40.1 120.2
150 154.5 0.0 347.2

