

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002164.D
 Acq On : 31 May 2018 04:23
 Operator : JC/MD
 Sample : J3185-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: May 31 06:58:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166191	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
35) Dibromofluoromethane	5.51	113	123003	32.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.12%	
50) Toluene-d8	8.72	98	497308	36.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.72%	
62) 4-Bromofluorobenzene	11.14	95	173420	32.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.82%	

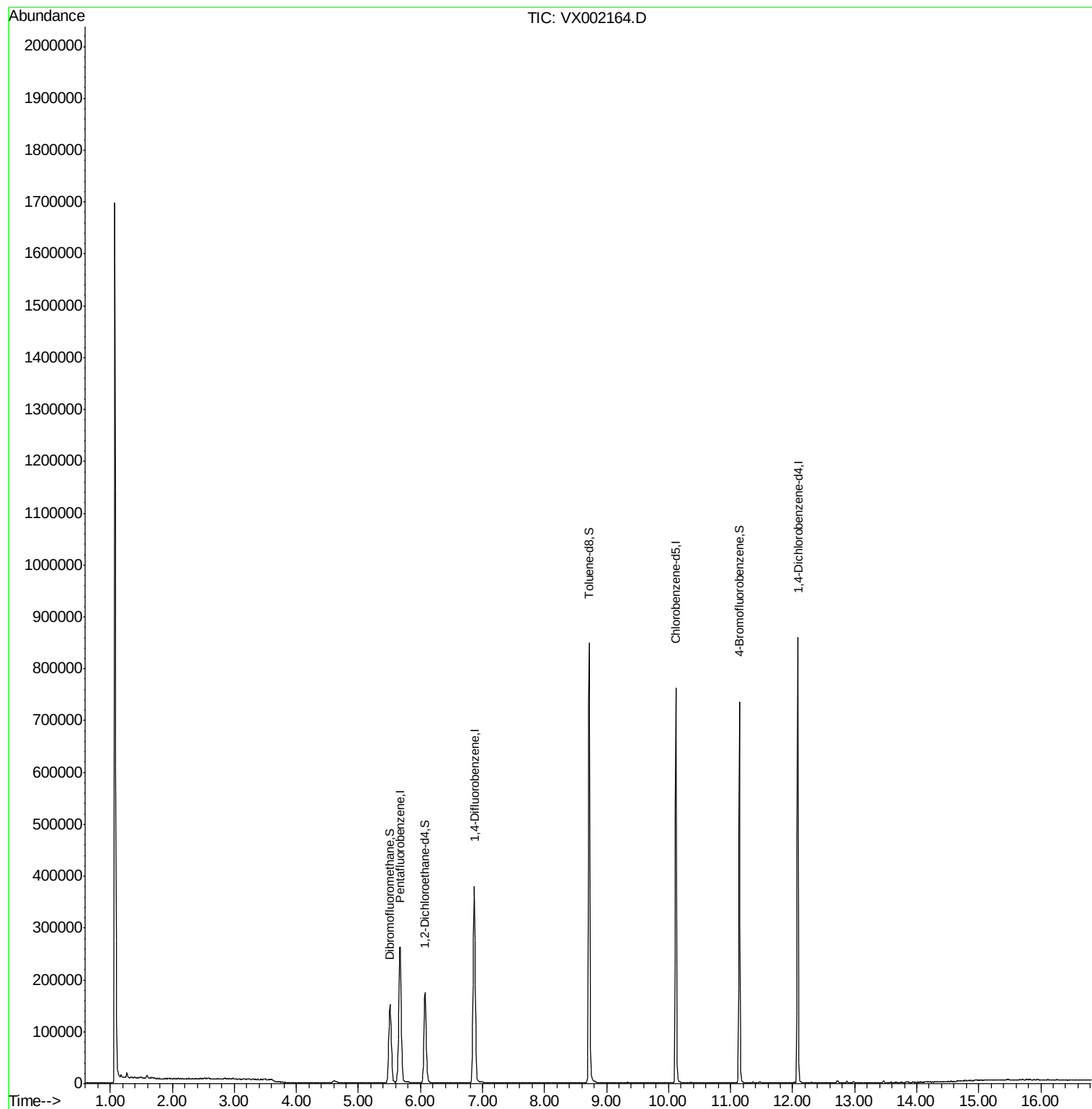
Target Compounds	Qvalue
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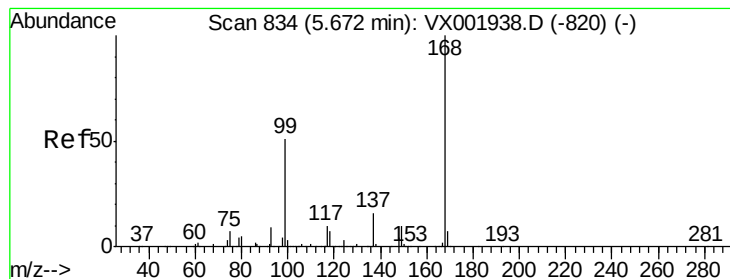
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002164.D

Acq: 31 May 2018 04:23

Instrument :

MSVOA_X

ClientSampled :

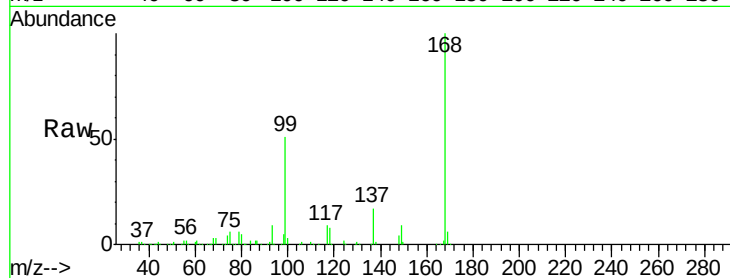
MW-15

Tot Ion:168 Resp: 263347

Ion Ratio Lower Upper

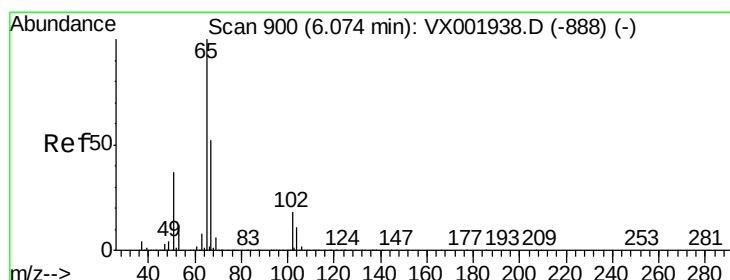
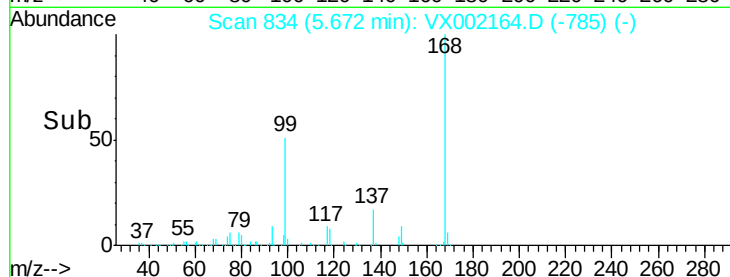
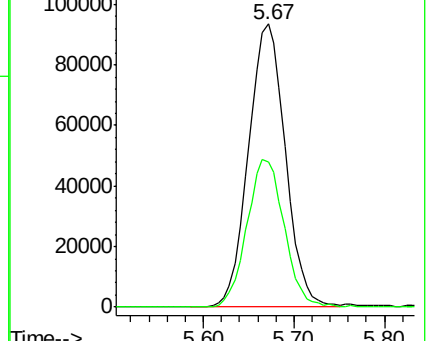
168 100

99 51.1 41.0 61.4



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: 35.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002164.D

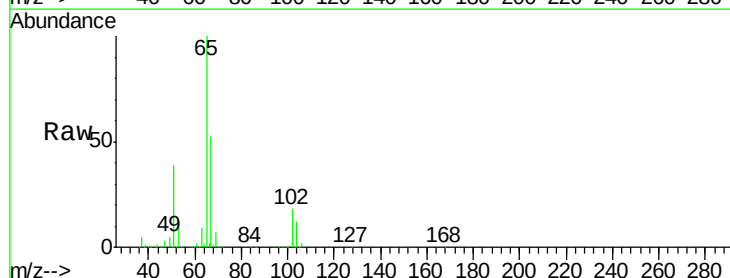
Acq: 31 May 2018 04:23

Tgt Ion: 65 Resp: 166191

Ion Ratio Lower Upper

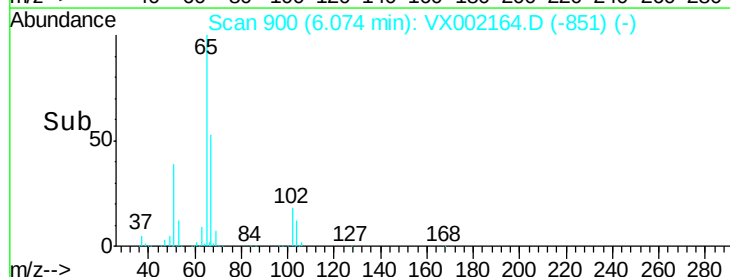
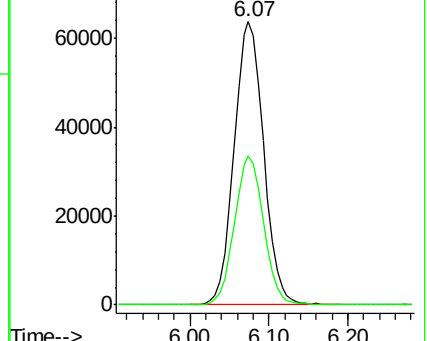
65 100

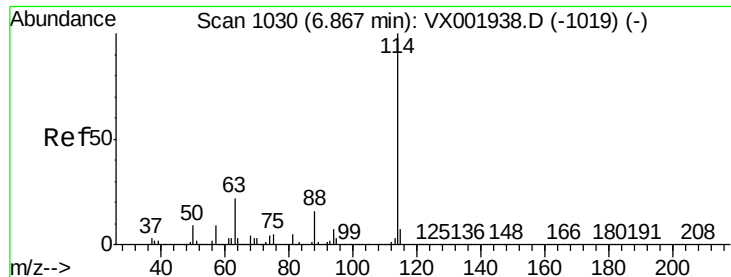
67 52.0 0.0 104.0



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: VX002164.D

Acq: 31 May 2018 04:23

Instrument :

MSVOA_X

ClientSampleId :

MW-15

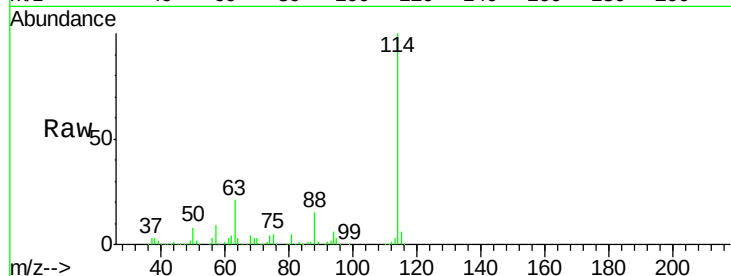
Tot Ion:114 Resp: 377786

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

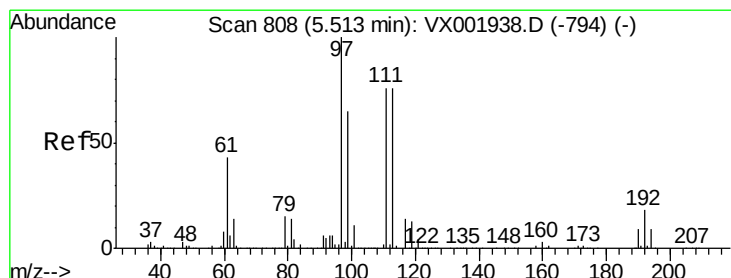
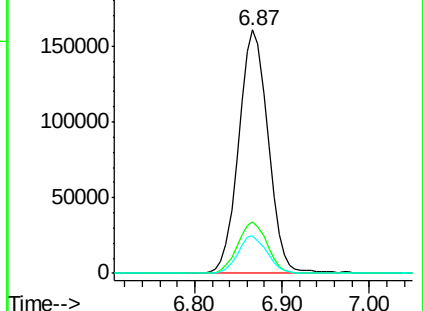
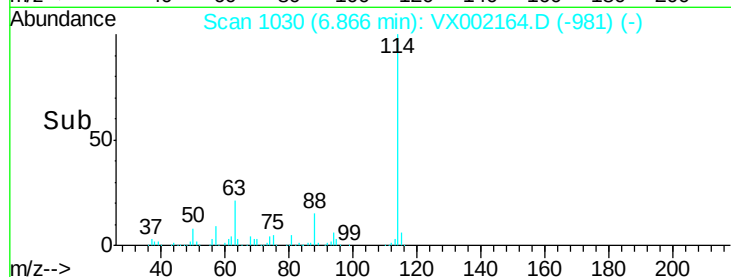
88 15.4 0.0 31.6



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: 32.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002164.D

Acq: 31 May 2018 04:23

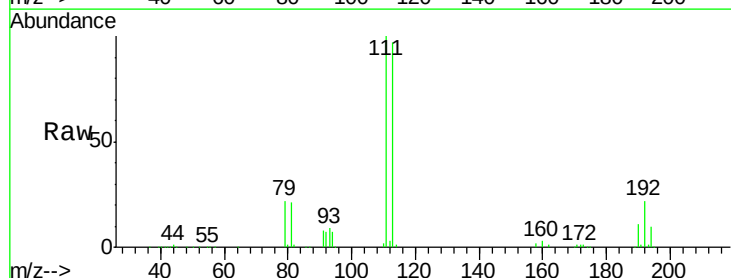
Tgt Ion:113 Resp: 123003

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

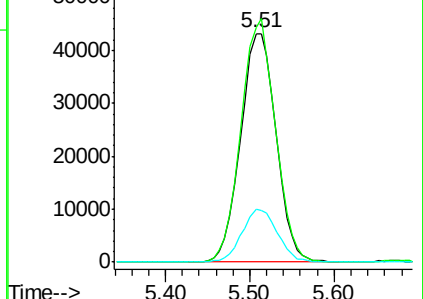
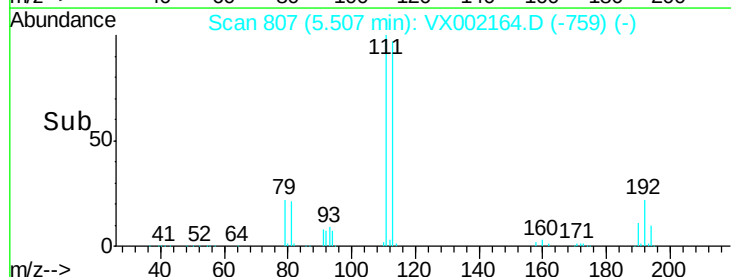
192 23.0 18.9 28.3

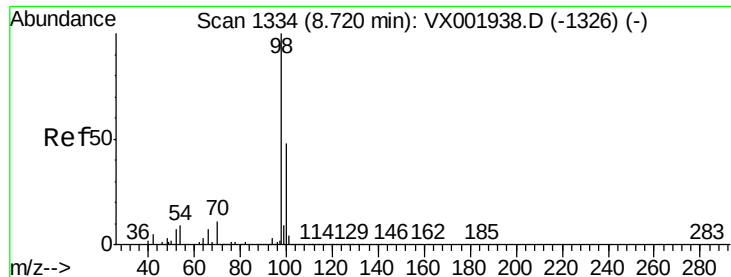


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002164.D

Acq: 31 May 2018 04:23

Instrument :

MSVOA_X

ClientSampleId :

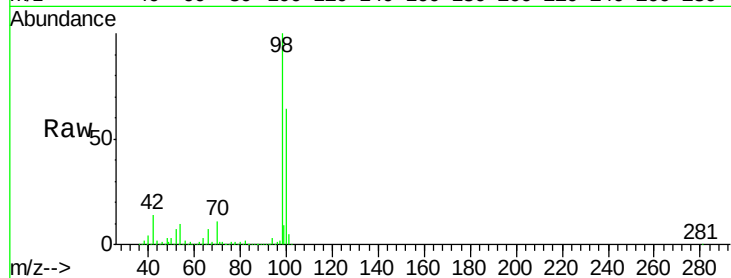
MW-15

Tot Ion: 98 Resp: 497308

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

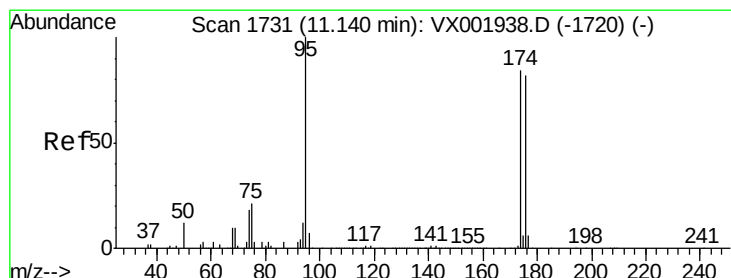
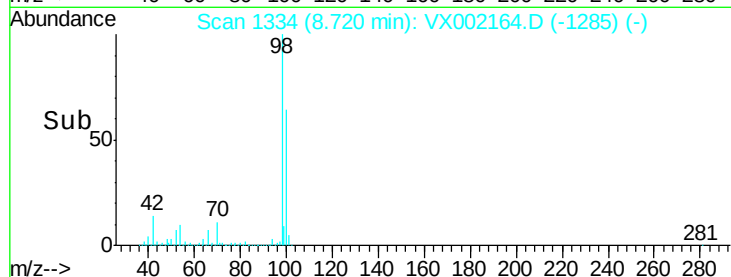
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 32.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002164.D

Acq: 31 May 2018 04:23

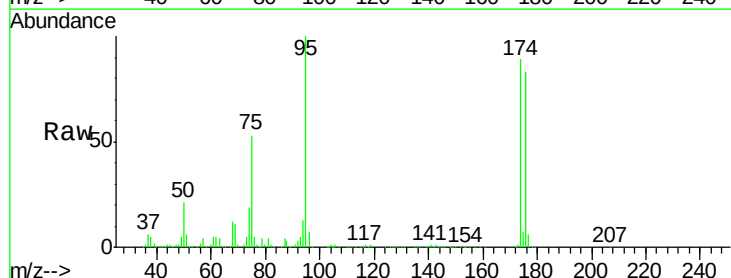
Tgt Ion: 95 Resp: 173420

Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.8

176 88.3 0.0 175.6



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

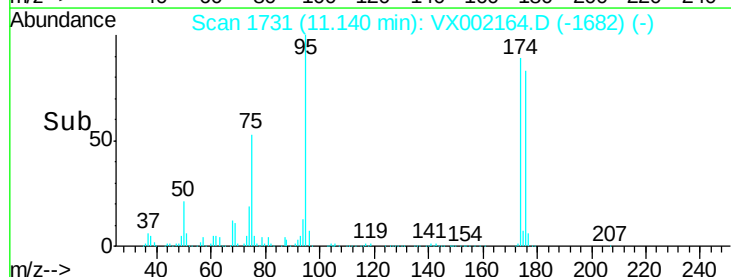
150000

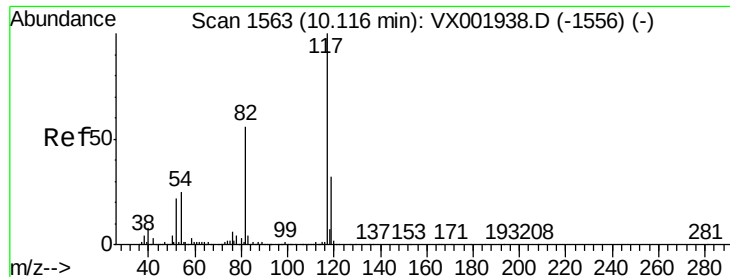
100000

50000

0

Time--> 11.10 11.20

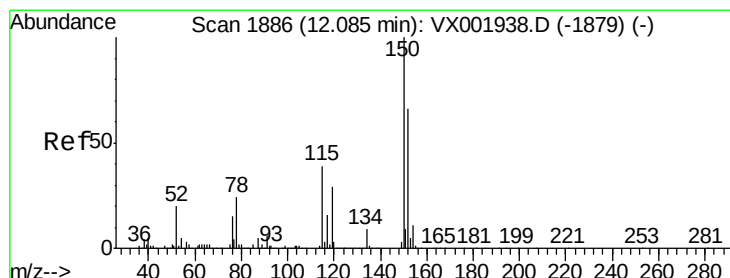
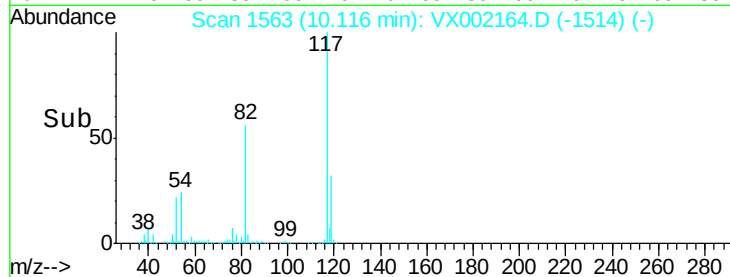
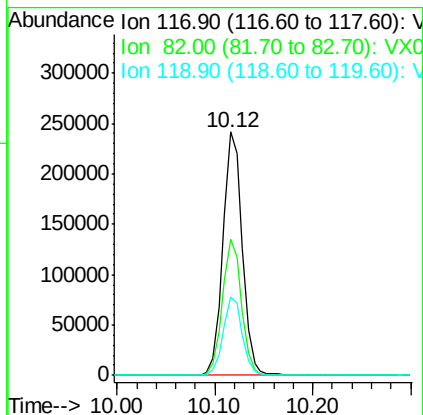
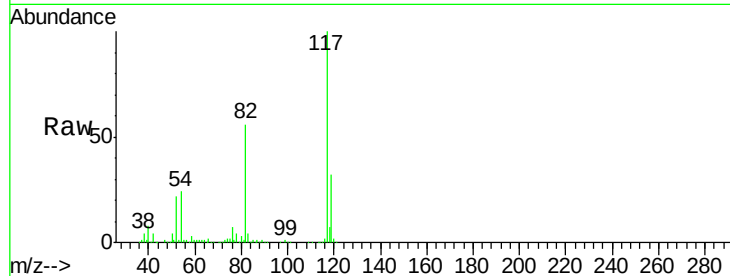




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002164.D
Acq: 31 May 2018 04:23

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tot Ion:117 Resp: 331242
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002164.D
Acq: 31 May 2018 04:23

Tgt Ion:152 Resp: 180680
Ion Ratio Lower Upper
152 100
115 54.9 42.3 126.8
150 156.1 0.0 351.0

