

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001731.D
 Acq On : 15 May 2018 01:23
 Operator : JC/MD
 Sample : J2856-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

Quant Time: May 16 11:00:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221724	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177778	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.51	113	144518	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
50) Toluene-d8	8.72	98	536187	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	185829	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	

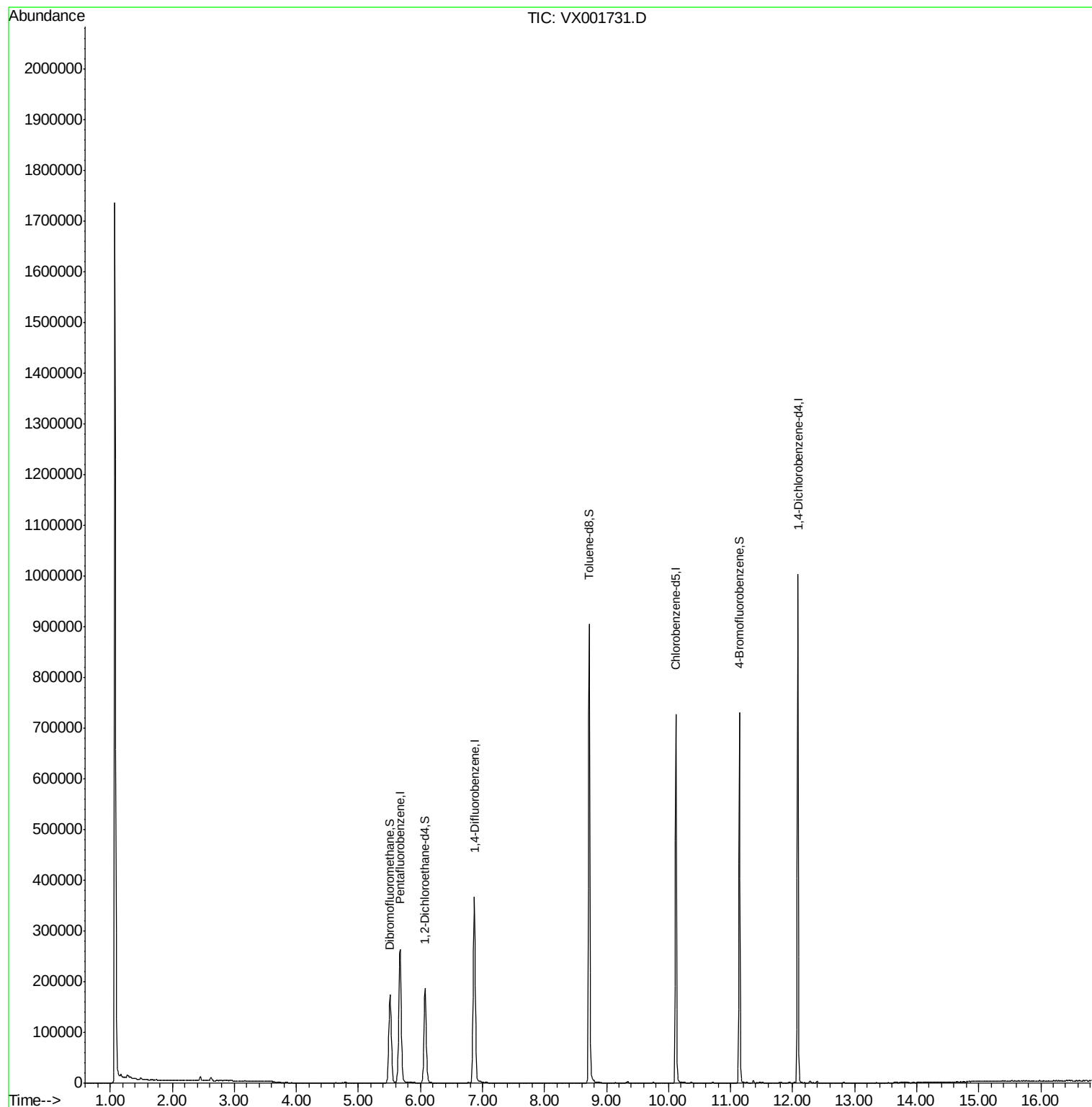
Target Compounds	Qvalue
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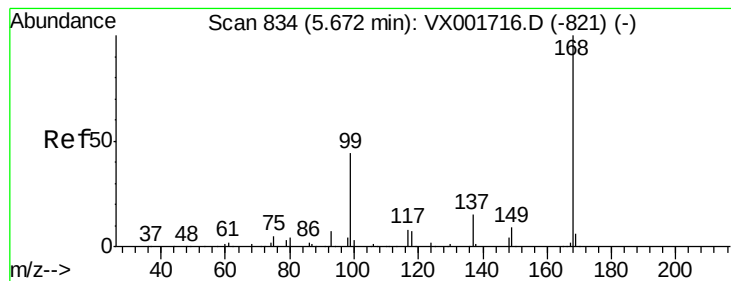
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001731.D

Acq: 15 May 2018 01:23

Instrument :

MSVOA_X

ClientSampled :

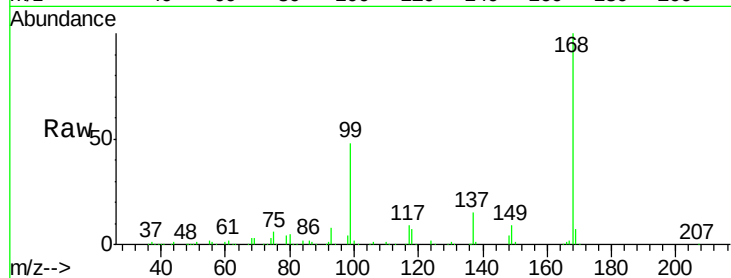
MW-03

Tot Ion:168 Resp: 280698

Ion Ratio Lower Upper

168 100

99 47.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

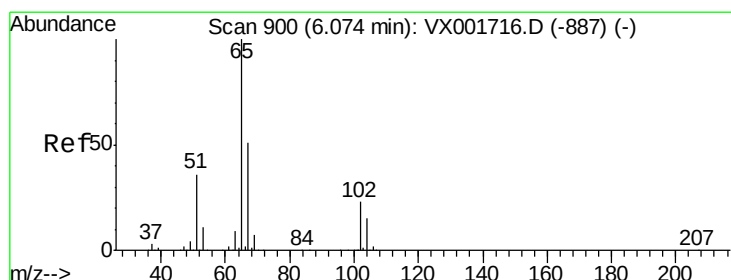
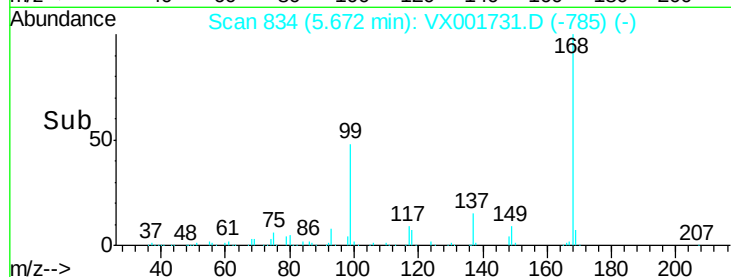
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001731.D

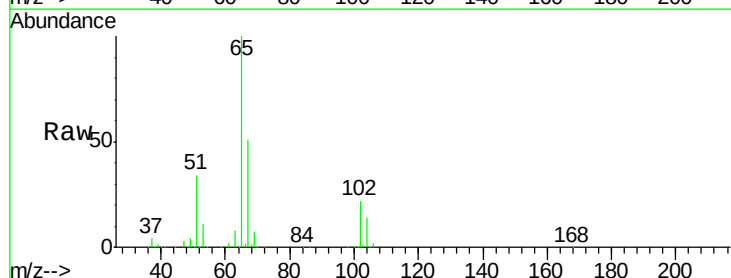
Acq: 15 May 2018 01:23

Tgt Ion: 65 Resp: 177778

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

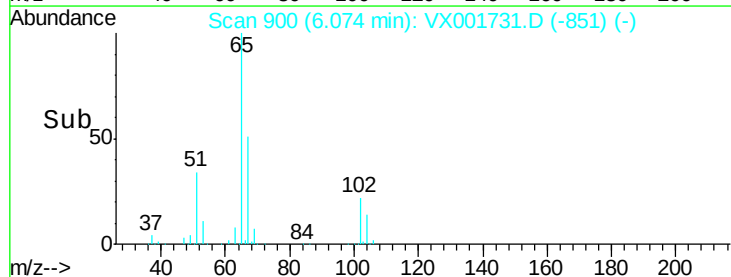
60000

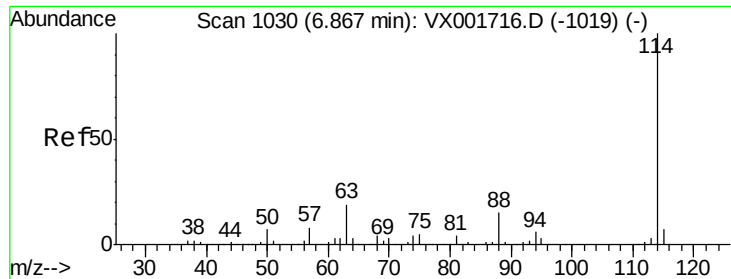
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001731.D

Acq: 15 May 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

MW-03

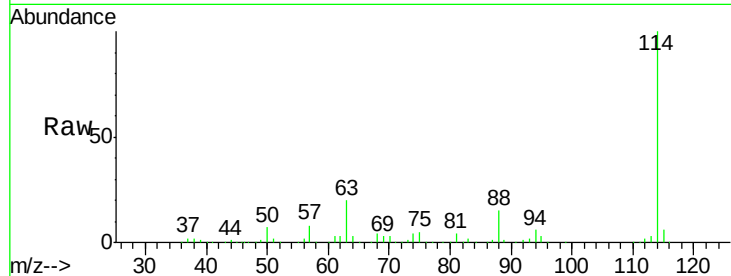
Tot Ion:114 Resp: 384978

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.0

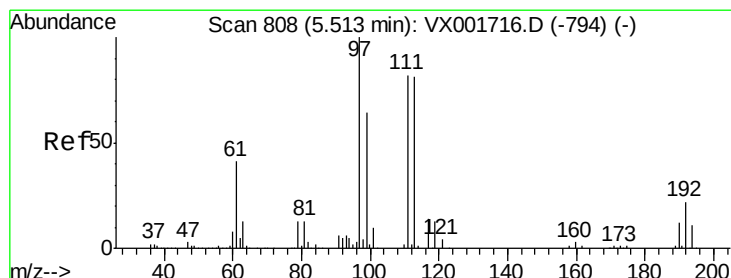
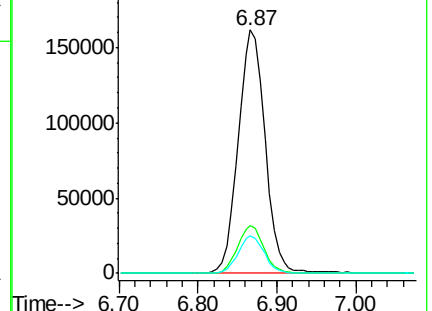
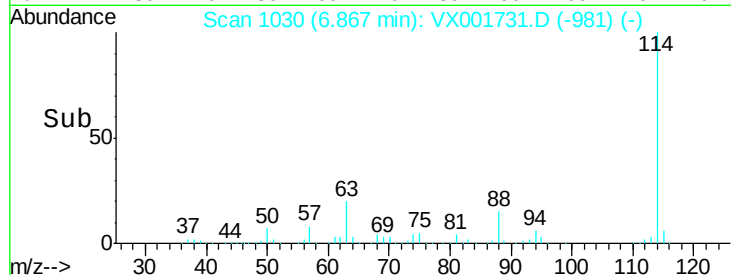
88 15.3 0.0 29.8



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: 44.48 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001731.D

Acq: 15 May 2018 01:23

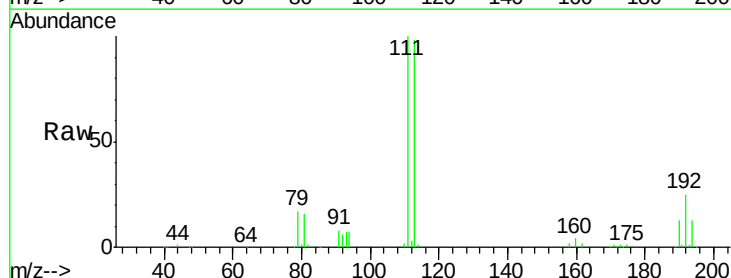
Tgt Ion:113 Resp: 144518

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

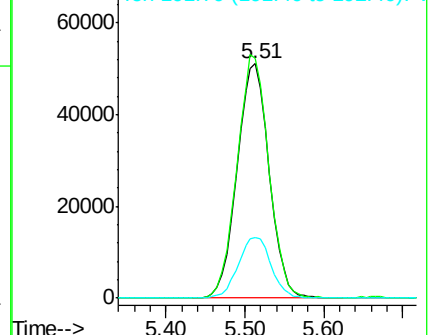
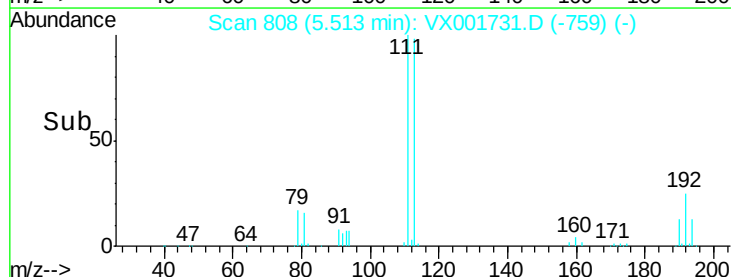
192 26.5 21.6 32.4

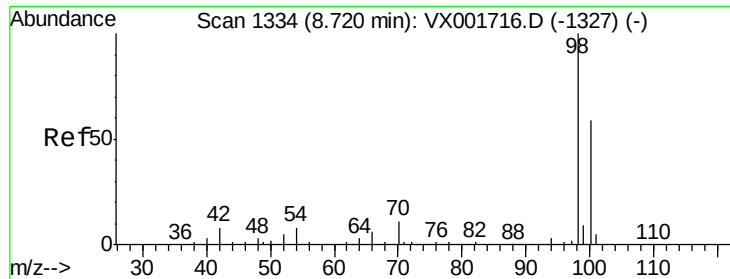


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001731.D

Acq: 15 May 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

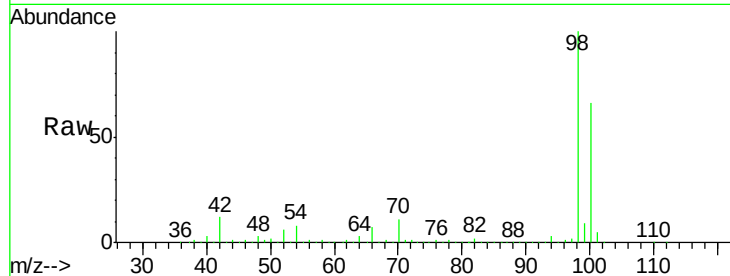
MW-03

Tot Ion: 98 Resp: 536187

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

300000

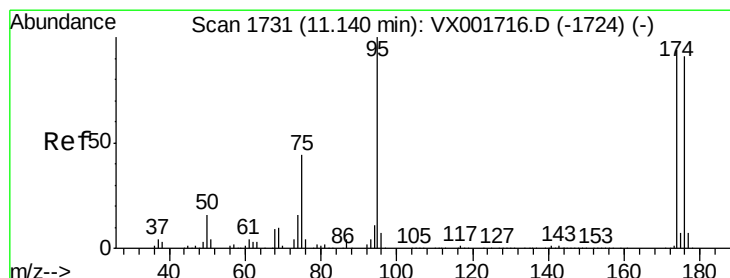
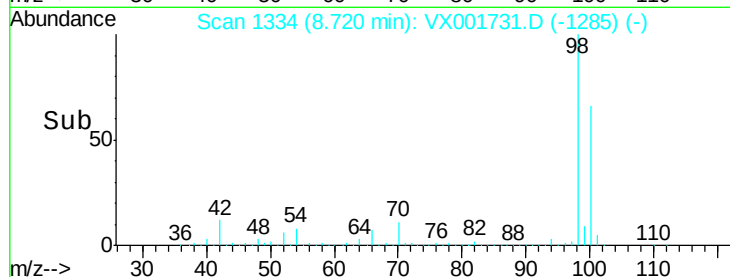
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001731.D

Acq: 15 May 2018 01:23

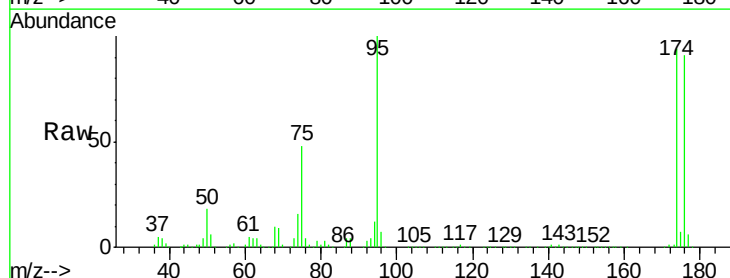
Tgt Ion: 95 Resp: 185829

Ion Ratio Lower Upper

95 100

174 101.9 0.0 201.8

176 98.9 0.0 196.8



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

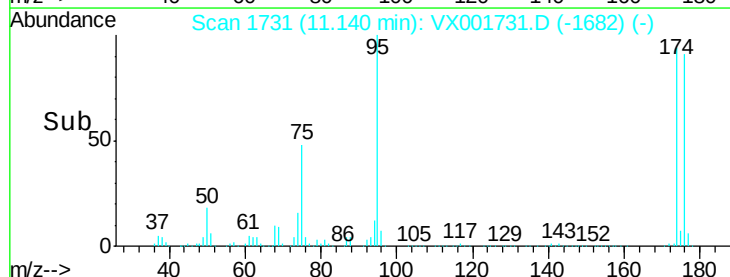
100000

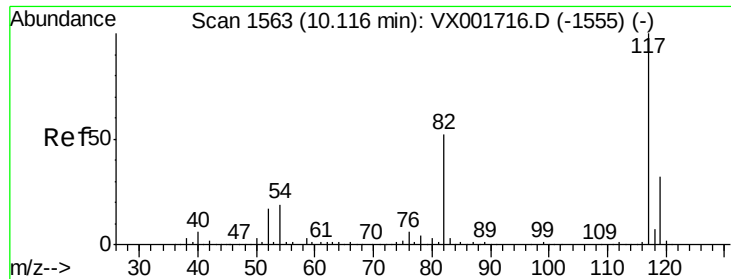
50000

0

Time-->

11.10 11.20

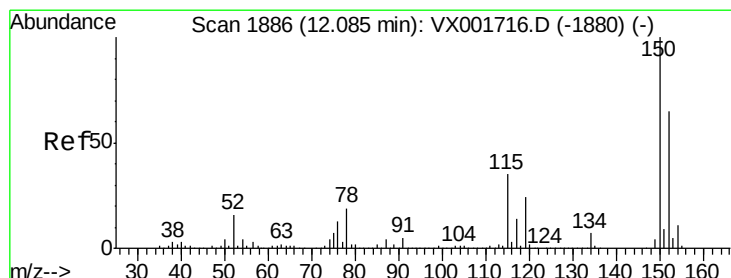
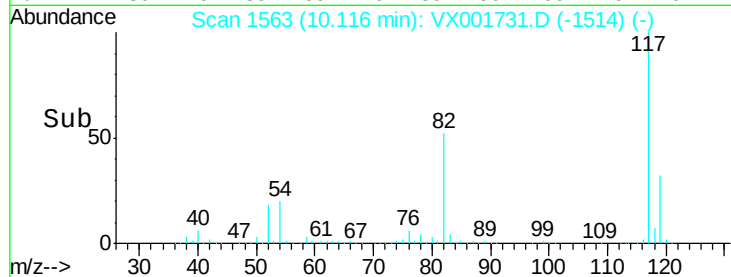
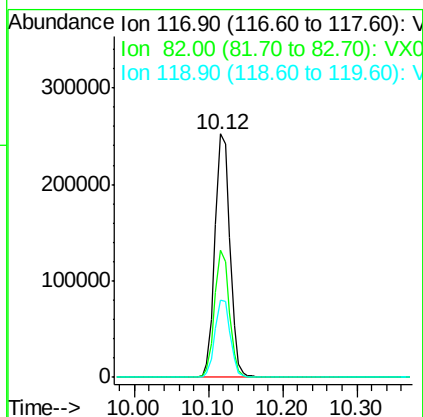
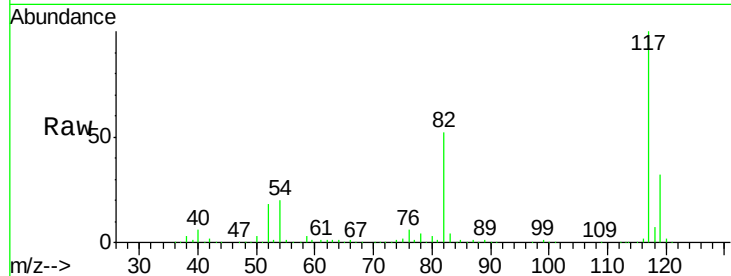




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001731.D
Acq: 15 May 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Tot Ion:117 Resp: 349455
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001731.D
Acq: 15 May 2018 01:23

Tgt Ion:152 Resp: 221724
Ion Ratio Lower Upper
152 100
115 51.7 37.4 112.2
150 156.1 0.0 344.8

