

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005399.D
 Acq On : 17 Oct 2018 19:48
 Operator : JC/MD
 Sample : VX1017WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBL02

Quant Time: Oct 19 01:45:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172637	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.50	113	141507	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	542399	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	187550	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

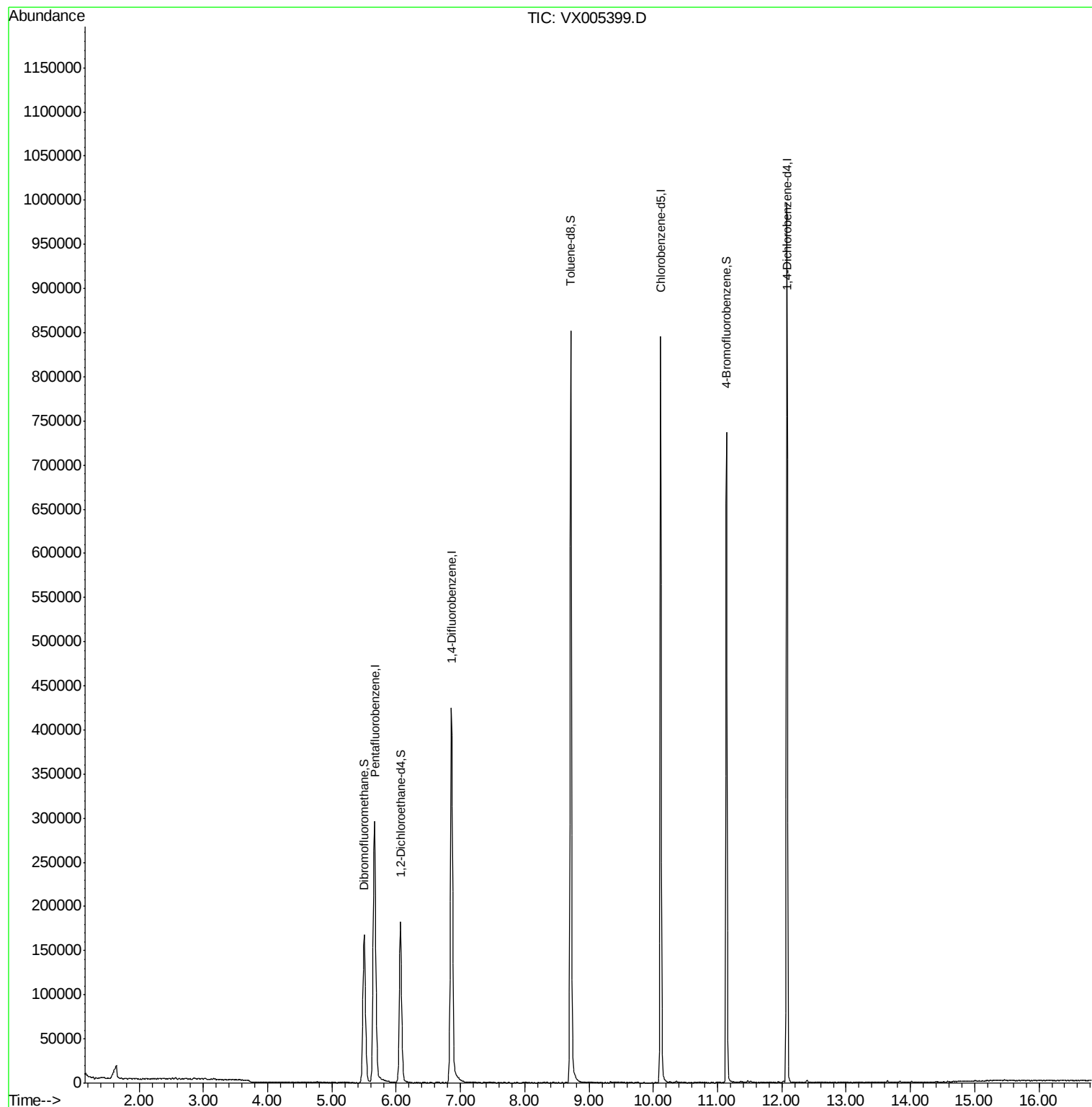
Target Compounds	Qvalue

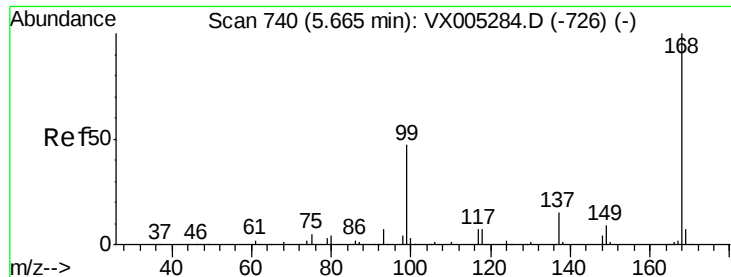
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005399.D

Acq: 17 Oct 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

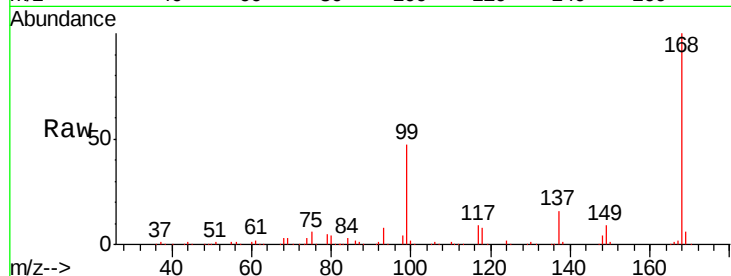
VX1017WBL02

Tgt Ion:168 Resp: 319589

Ion Ratio Lower Upper

168 100

99 46.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

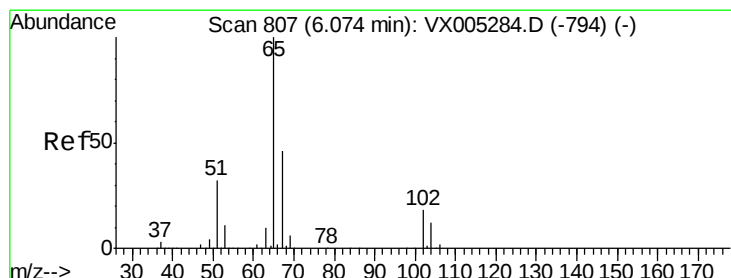
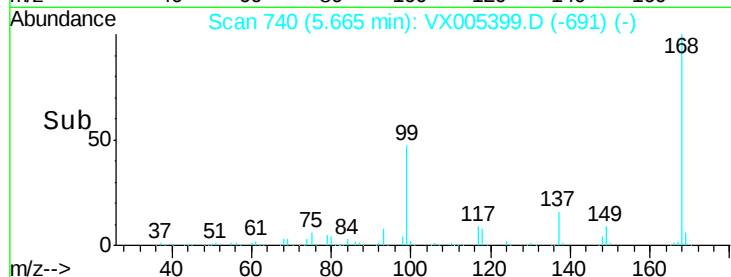
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 48.67 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005399.D

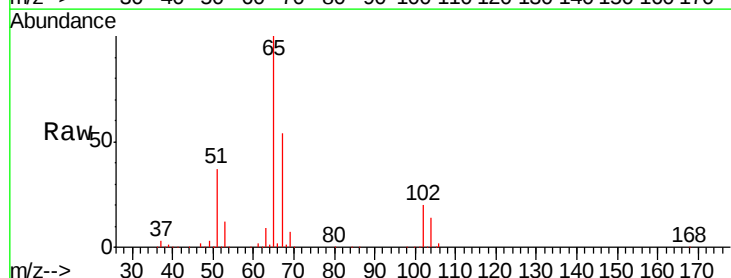
Acq: 17 Oct 2018 19:48

Tgt Ion: 65 Resp: 172637

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

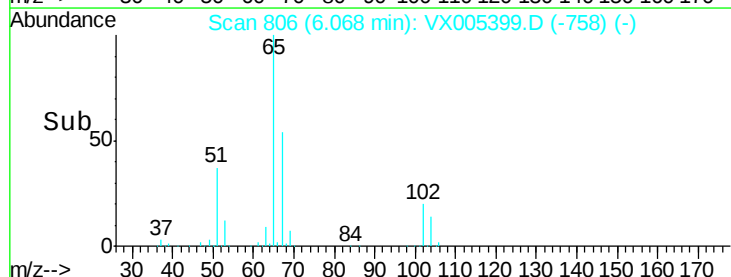
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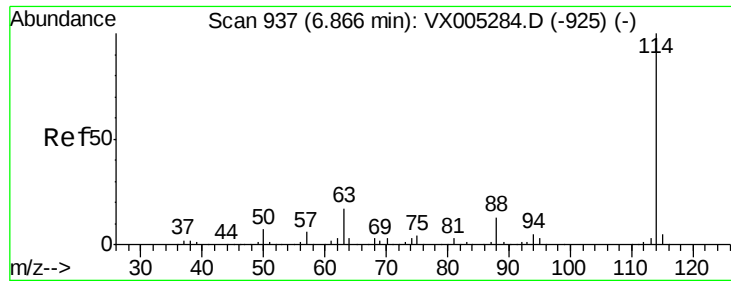
20000

0

Time-->

5.90 6.00 6.10 6.20

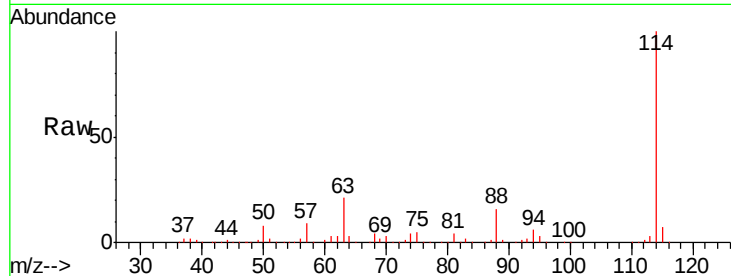




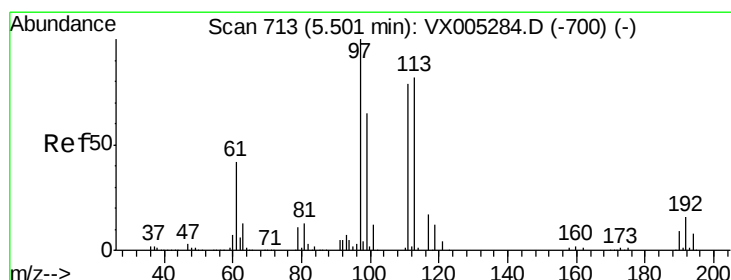
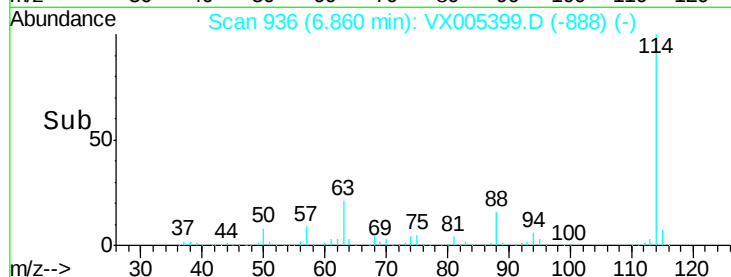
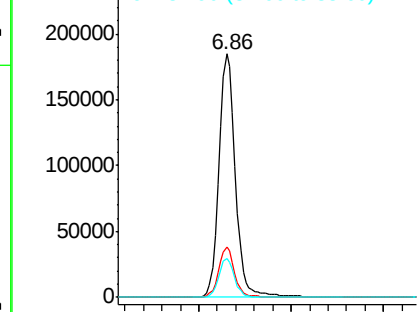
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005399.D
 Acq: 17 Oct 2018 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBL02

Tgt Ion:114 Resp: 457691
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.8 0.0 30.4

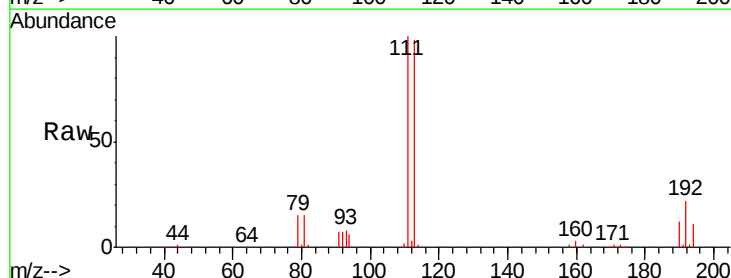


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

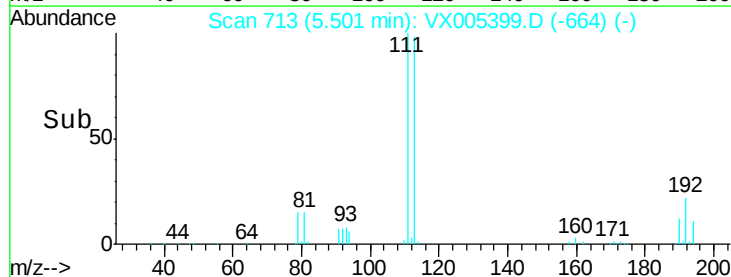
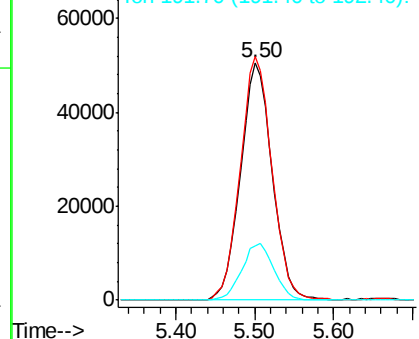


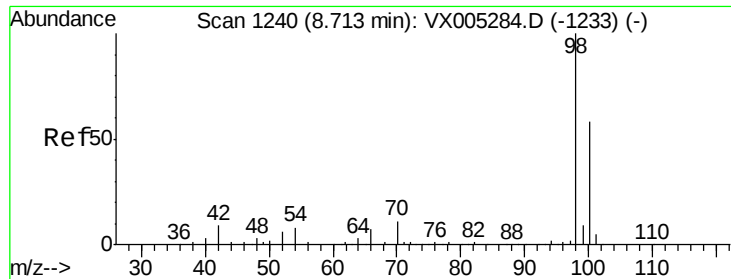
#35
 Dibromofluoromethane
 Concen: 46.68 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005399.D
 Acq: 17 Oct 2018 19:48

Tgt Ion:113 Resp: 141507
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.2 19.4 29.2



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: 52.12 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005399.D

Acq: 17 Oct 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

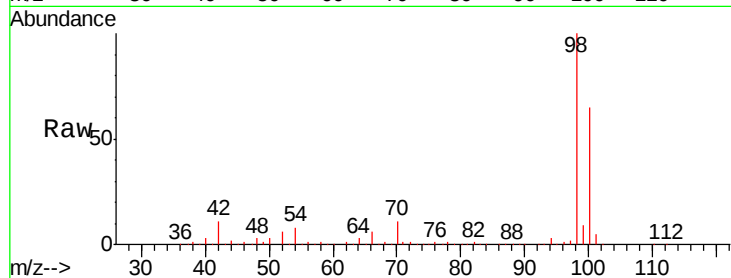
VX1017WBL02

Tgt Ion: 98 Resp: 542399

Ion Ratio Lower Upper

98 100

100 63.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

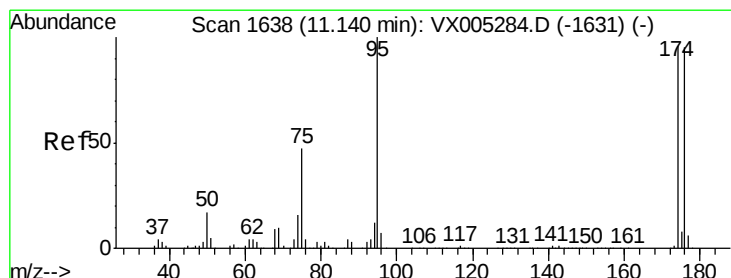
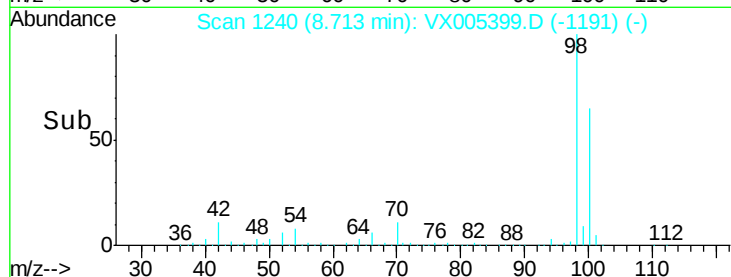
200000

100000

0

8.60 8.70 8.80 8.90 9.00

Time-->



#62

4-Bromofluorobenzene

Concen: 47.97 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005399.D

Acq: 17 Oct 2018 19:48

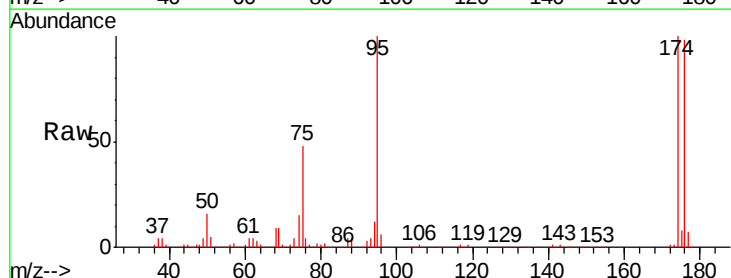
Tgt Ion: 95 Resp: 187550

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.2

176 91.6 0.0 178.6



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

200000

150000

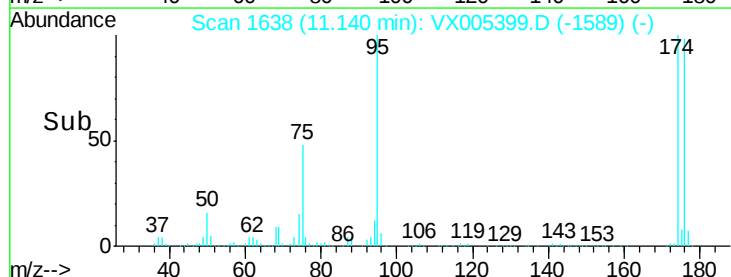
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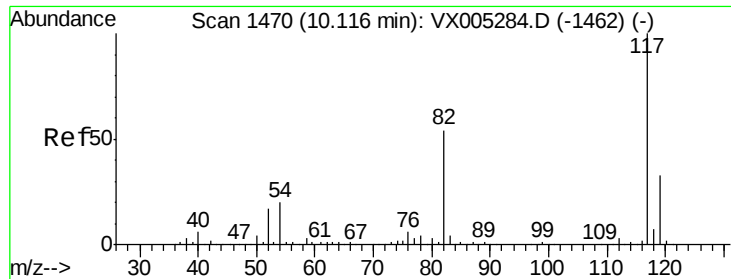
50000

0

11.10 11.20

Time-->

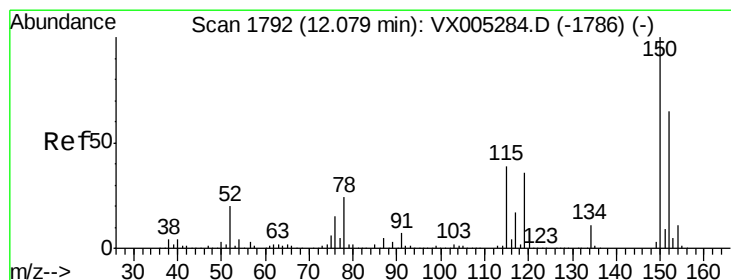
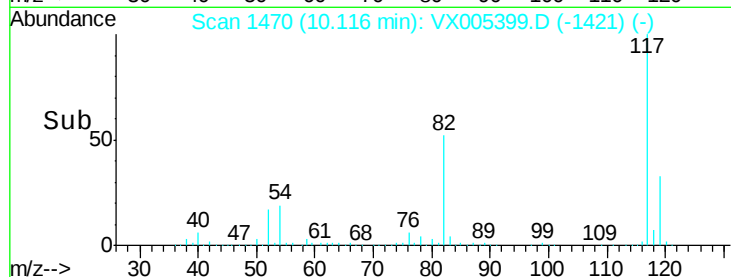
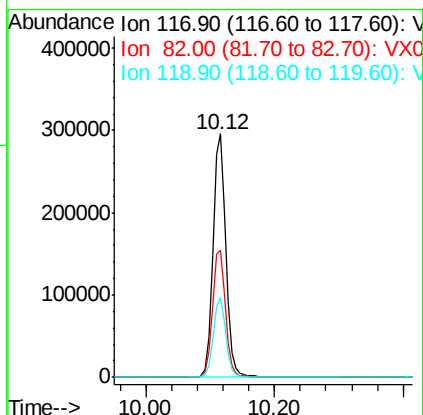
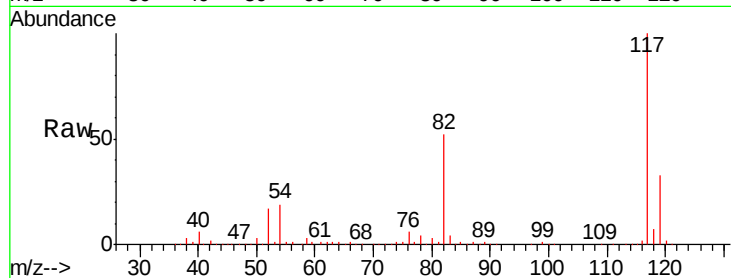




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005399.D
Acq: 17 Oct 2018 19:48

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL02

Tgt Ion:117 Resp: 414489
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.6
119 33.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005399.D
Acq: 17 Oct 2018 19:48

Tgt Ion:152 Resp: 209035
Ion Ratio Lower Upper
152 100
115 54.1 39.0 117.0
150 155.7 0.0 351.0

