

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005270.D
 Acq On : 11 Oct 2018 22:41
 Operator : JC/MD
 Sample : J5393-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-123D1-20181009

Quant Time: Oct 12 07:58:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	259404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138385	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	5.51	113	116494	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
50) Toluene-d8	8.72	98	375294	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.14	95	134855	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	

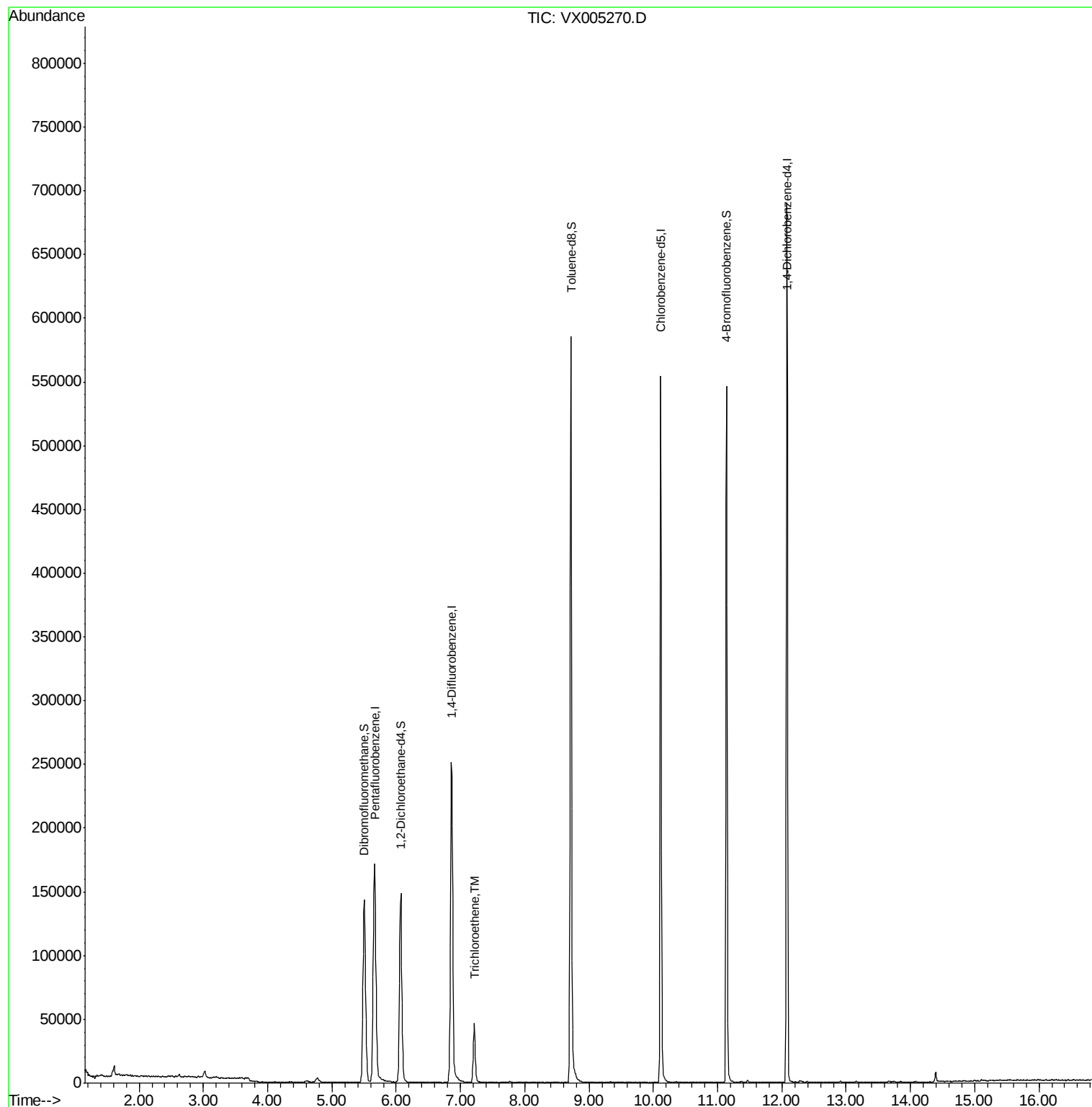
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.21	130	18152	7.86	ug/l	98

(#) = 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# 740

Delta R.T. 0.01 min

Lab File: VX005270.D

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Instrument :

MSVOA_X

ClientSampleId :

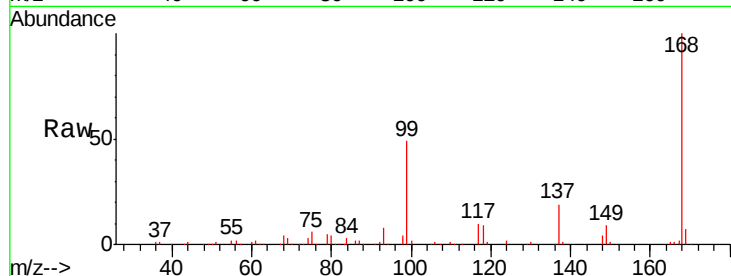
RE-123D1-20181009

Tgt Ion: 168 Resp: 181591

Ion Ratio Lower Upper

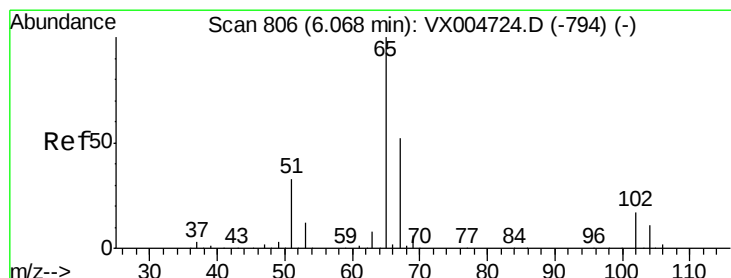
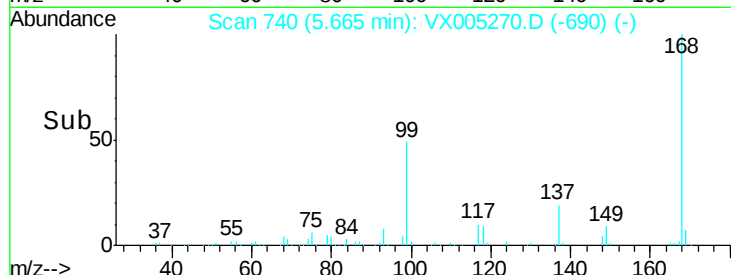
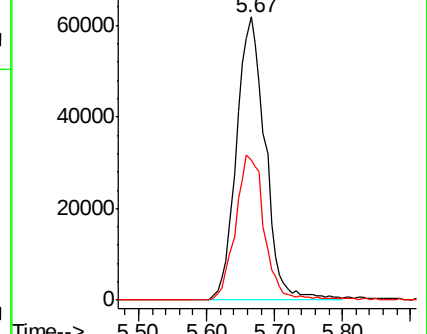
168 100

99 49.3 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: 53.35 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005270.D

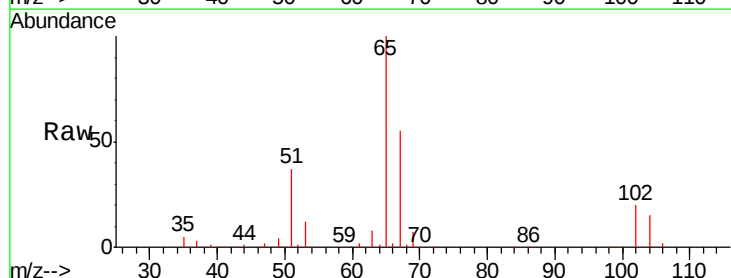
Acq: 11 Oct 2018 22:41

Tgt Ion: 65 Resp: 138385

Ion Ratio Lower Upper

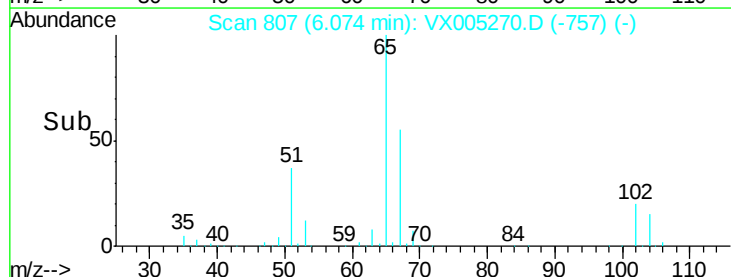
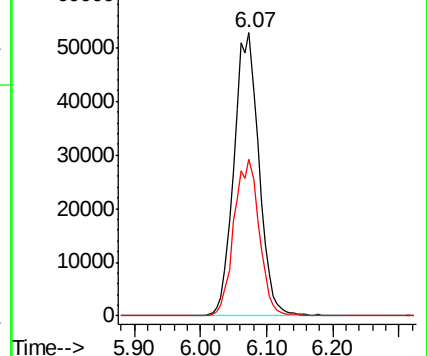
65 100

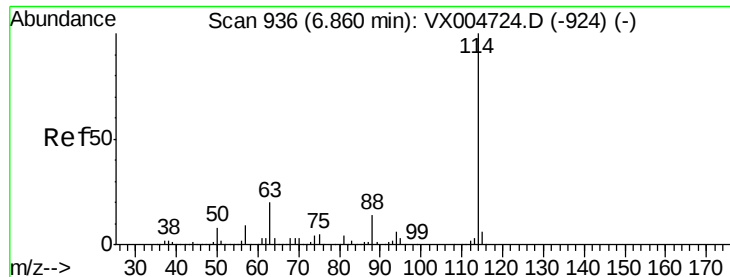
67 55.7 0.0 107.4



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005270.D

Acq: 11 Oct 2018 22:41

Instrument :

MSVOA_X

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RE-123D1-20181009

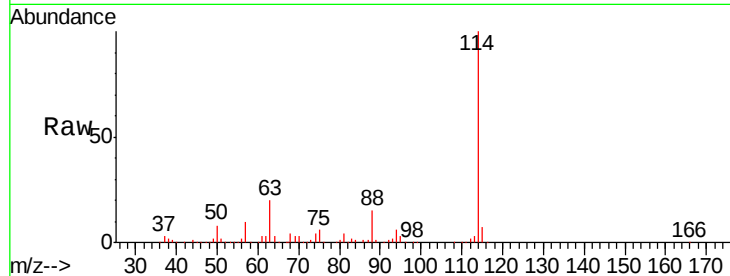
Tgt Ion:114 Resp: 259404

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

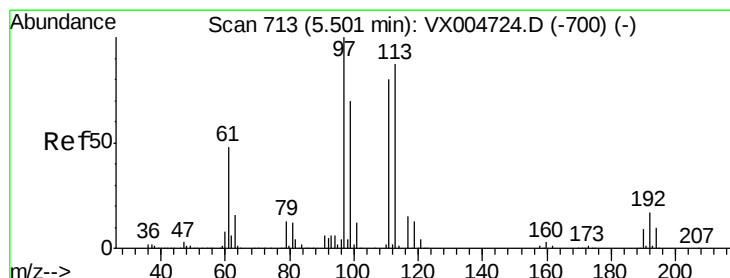
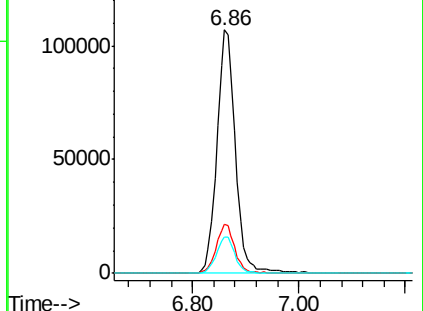
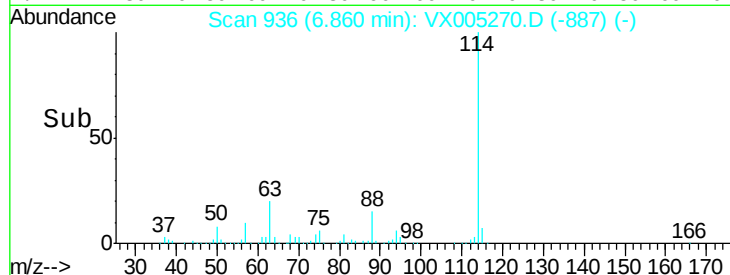
88 14.9 0.0 27.0



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: 52.99 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005270.D

Acq: 11 Oct 2018 22:41

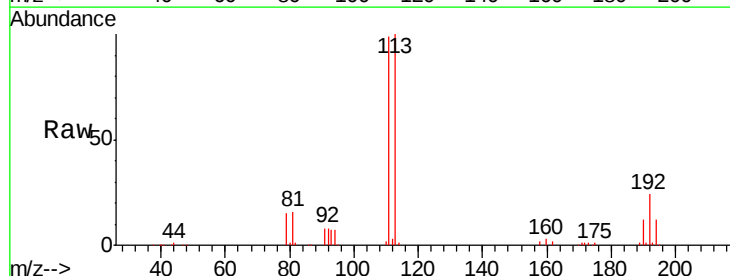
Tgt Ion:113 Resp: 116494

Ion Ratio Lower Upper

113 100

111 108.2 77.0 115.4

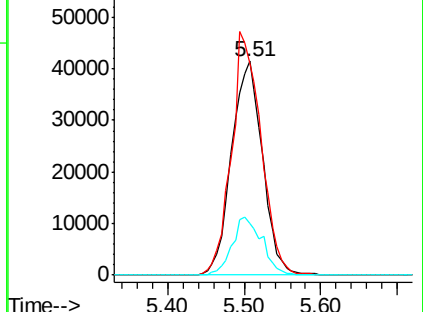
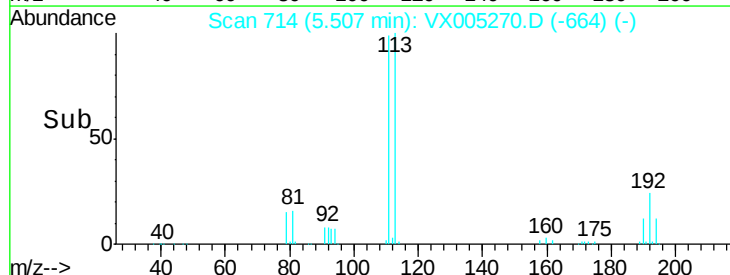
192 26.0 17.0 25.6#

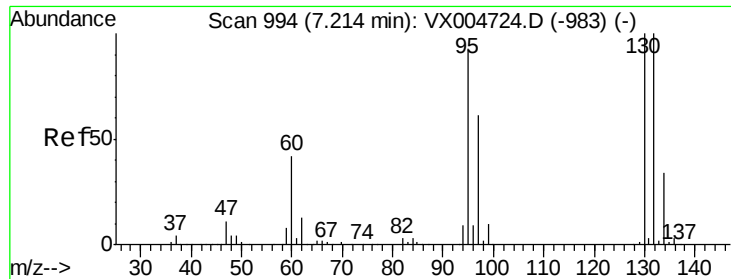


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.86 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005270.D

Acq: 11 Oct 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

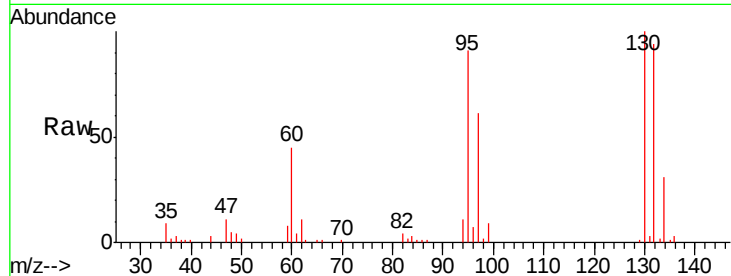
RE-123D1-20181009

Tgt Ion:130 Resp: 18152

Ion Ratio Lower Upper

130 100

95 91.2 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

8000

6000

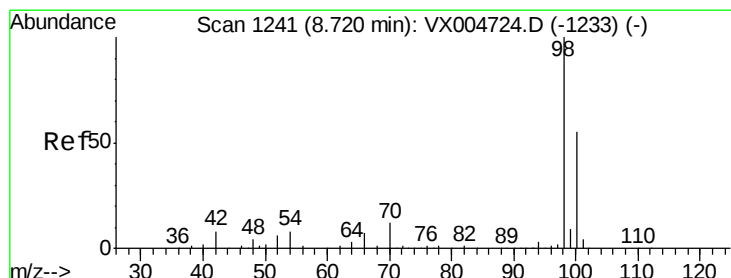
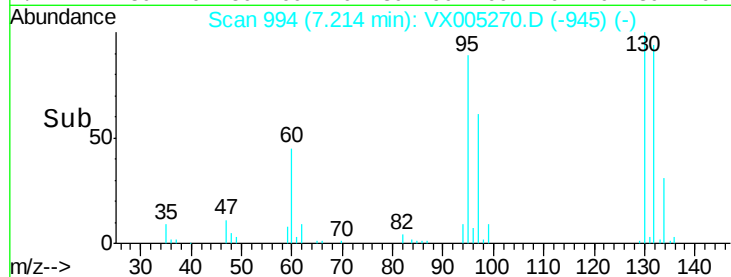
4000

2000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 51.35 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005270.D

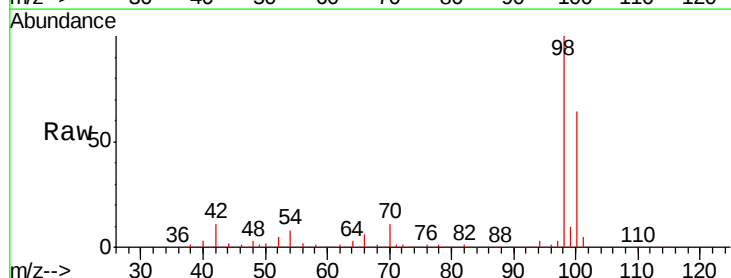
Acq: 11 Oct 2018 22:41

Tgt Ion: 98 Resp: 375294

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

150000

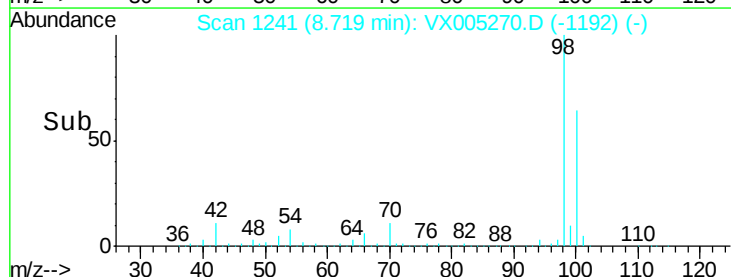
100000

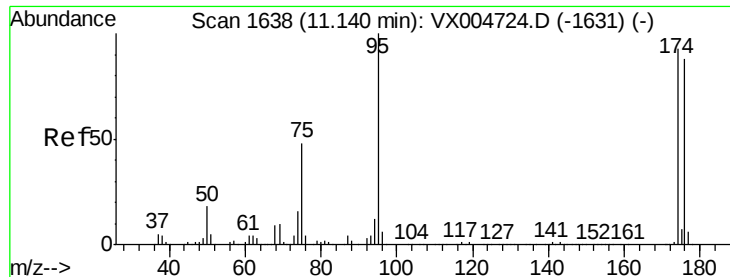
50000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 51.22 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005270.D

Acq: 11 Oct 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

RE-123D1-20181009

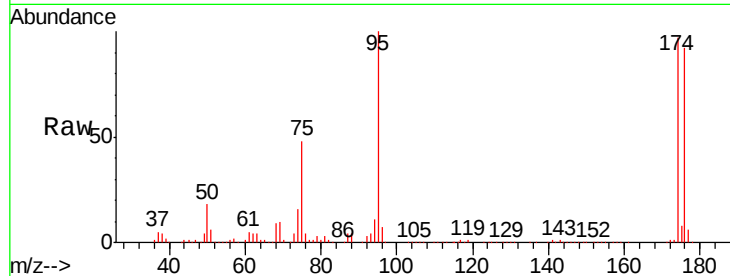
Tgt Ion: 95 Resp: 134855

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.0

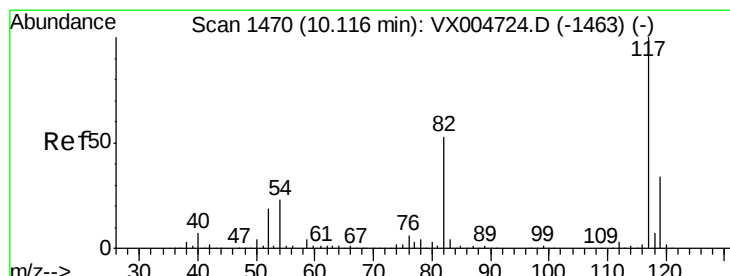
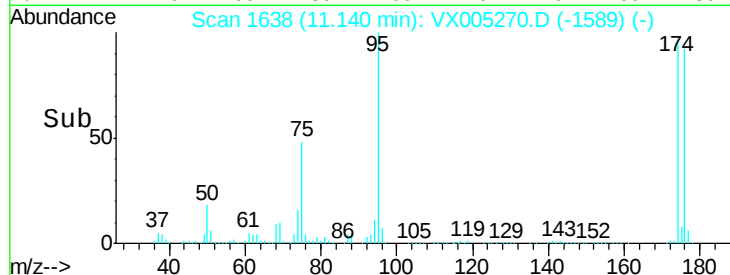
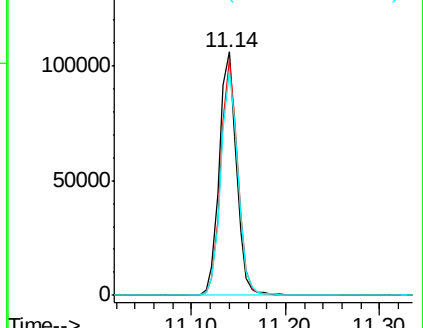
176 91.9 0.0 180.2



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005270.D

Acq: 11 Oct 2018 22:41

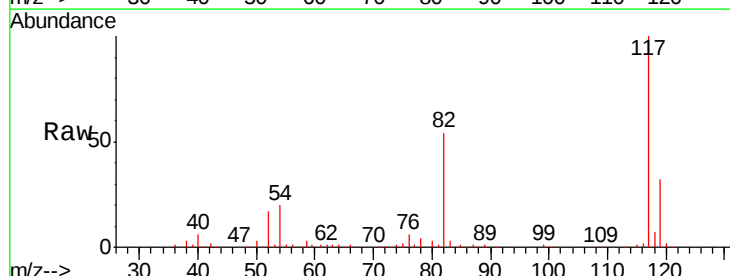
Tgt Ion: 117 Resp: 260200

Ion Ratio Lower Upper

117 100

82 54.2 42.2 63.4

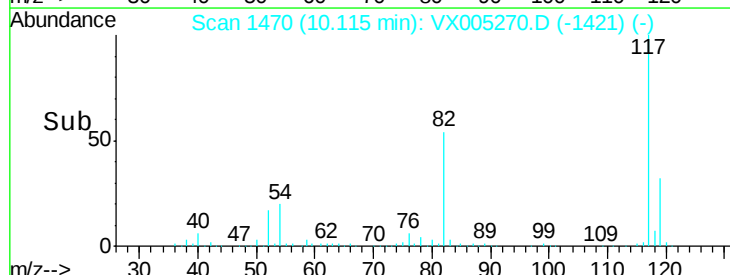
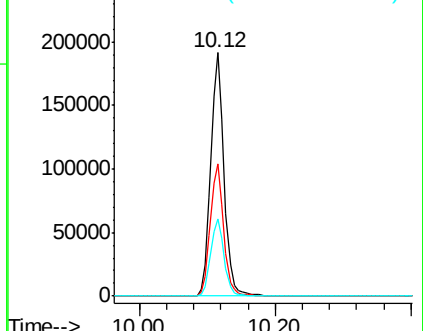
119 31.7 27.4 41.0

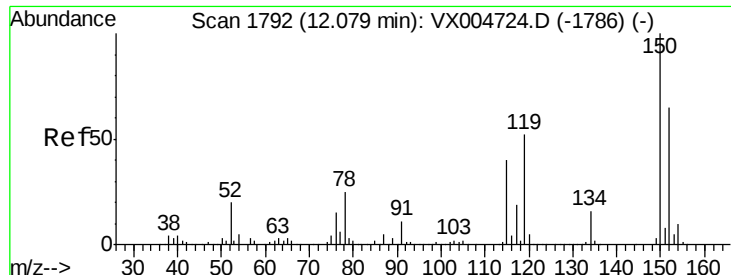


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005270.D
 Acq: 11 Oct 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-123D1-20181009

Tgt Ion	Resp	Lower	Upper
152	100		
115	54.8	40.2	120.6
150	156.8	0.0	351.0

