

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005591.D
 Acq On : 25 Oct 2018 16:03
 Operator : JC/MD
 Sample : J5677-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-2

Quant Time: Oct 26 09:32:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129919	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	129960	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
35) Dibromofluoromethane	5.50	113	104710	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	8.71	98	363273	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.14	95	119655	43.44	ug/l	0.00
Spiked Amount			Recovery	=	86.88%	

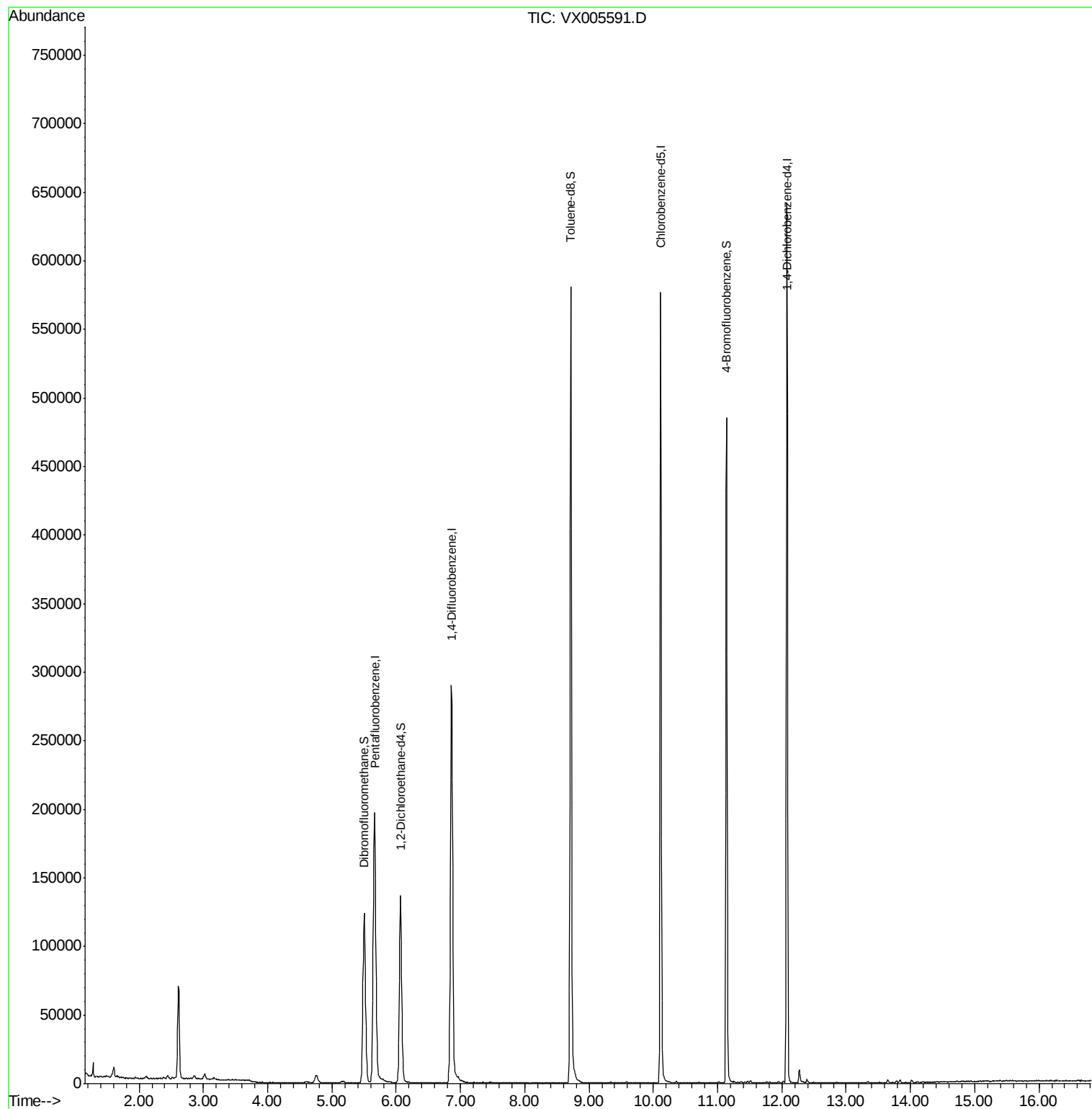
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005591.D

Acq: 25 Oct 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

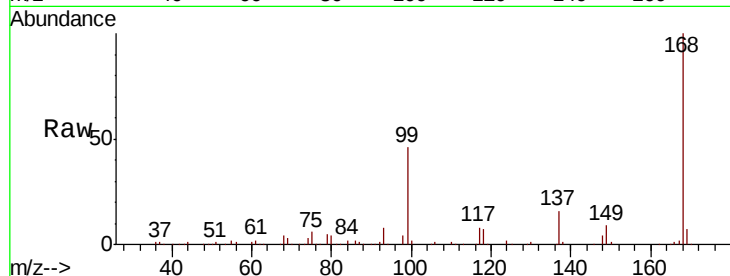
S37-TB-2018-2

Tot Ion:168 Resp: 200901

Ion Ratio Lower Upper

168 100

99 46.3 40.7 61.1

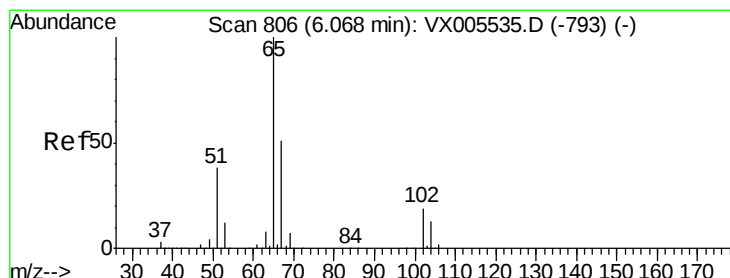
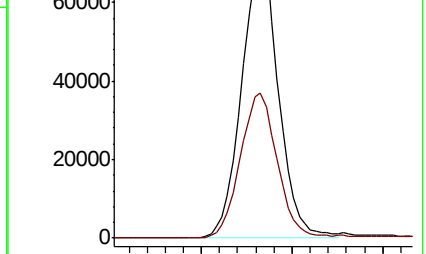
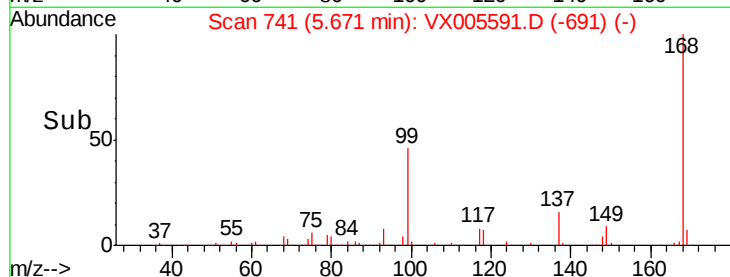


Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-727) (-)

5.67

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.993 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005591.D

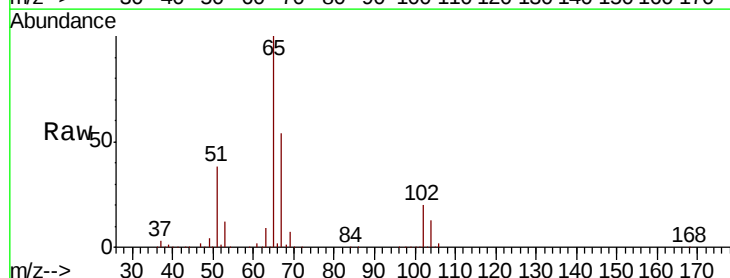
Acq: 25 Oct 2018 16:03

Tgt Ion: 65 Resp: 129960

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.0

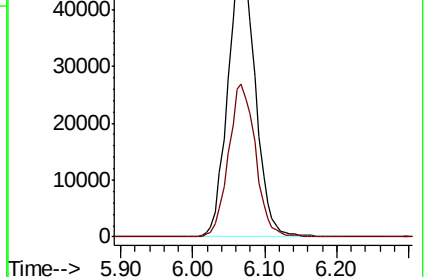
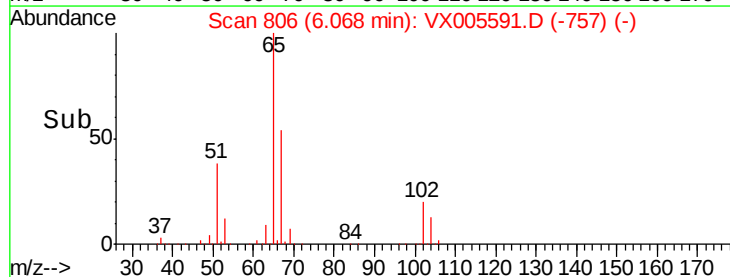


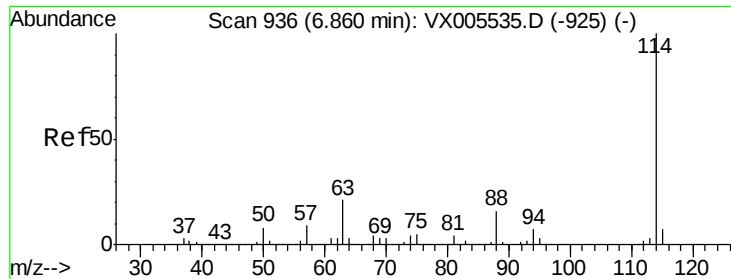
Abundance Ion 64.90 (64.60 to 65.60): VX005535.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX005535.D (-793) (-)

6.07

Time-->

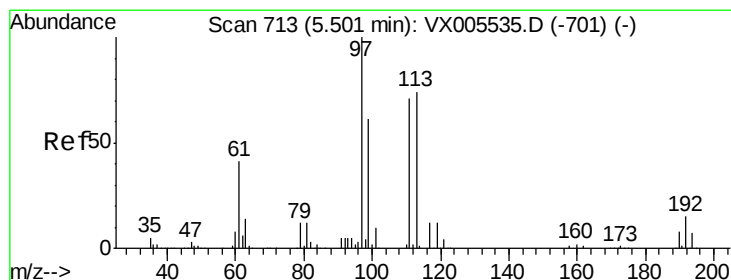
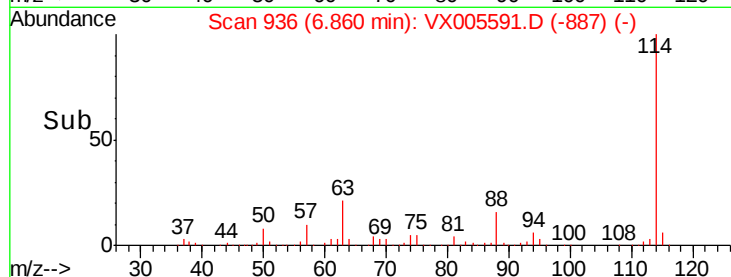
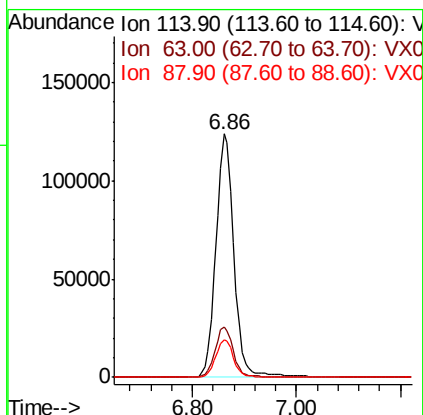
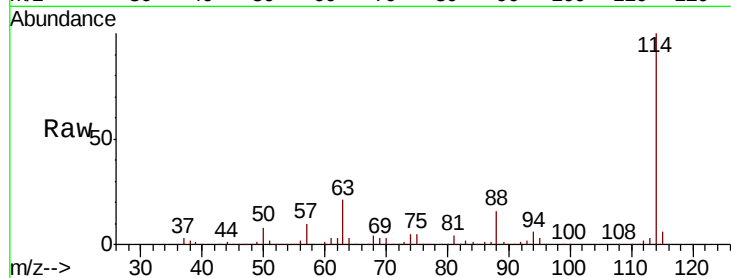




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005591.D
 Acq: 25 Oct 2018 16:03

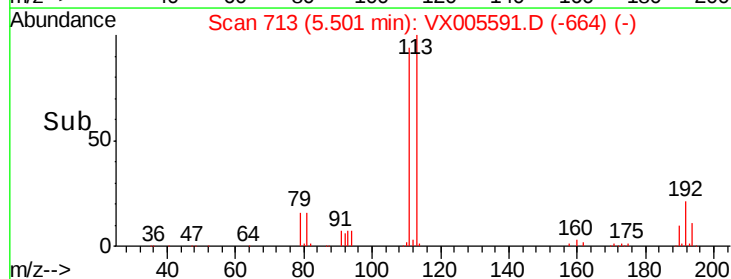
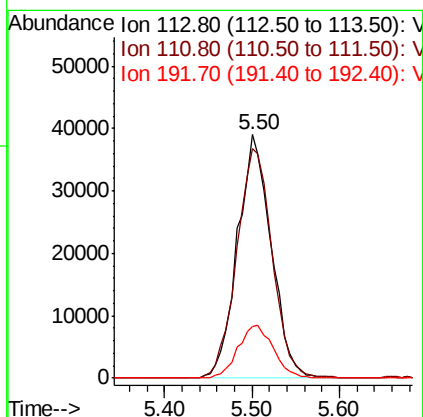
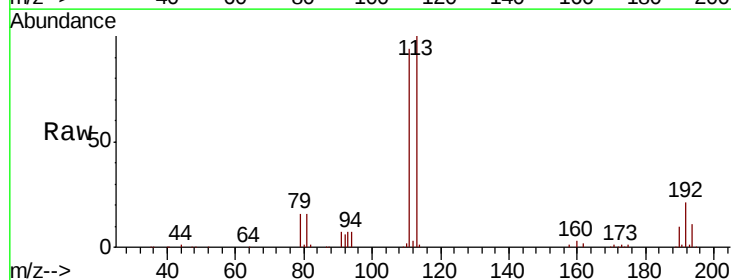
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-2

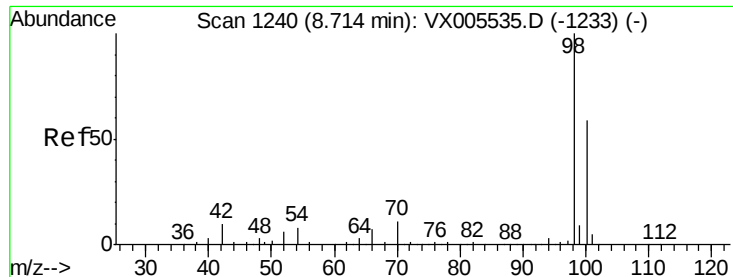
Tot Ion:114 Resp: 299802
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.5 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 51.581 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005591.D
 Acq: 25 Oct 2018 16:03

Tgt Ion:113 Resp: 104710
 Ion Ratio Lower Upper
 113 100
 111 98.7 82.3 123.5
 192 22.7 17.9 26.9





#50

Toluene-d8

Concen: 49.803 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005591.D

Acq: 25 Oct 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

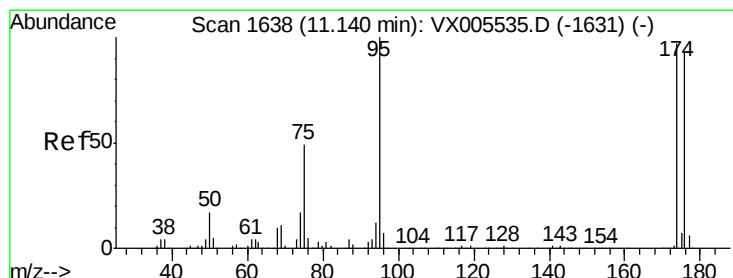
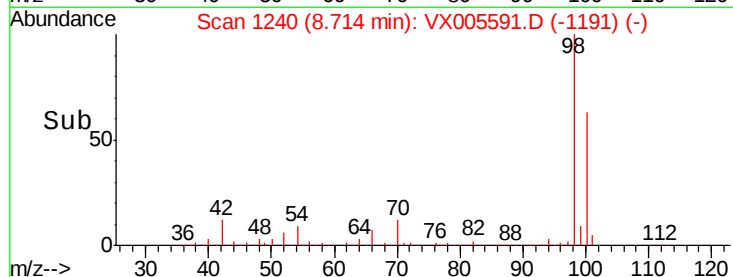
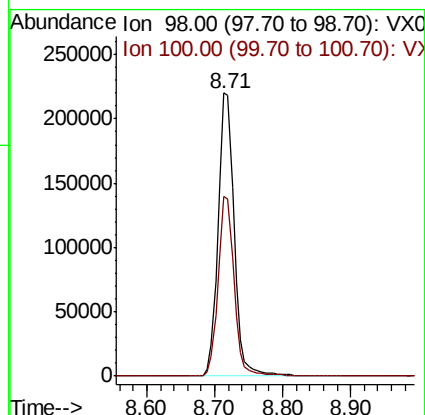
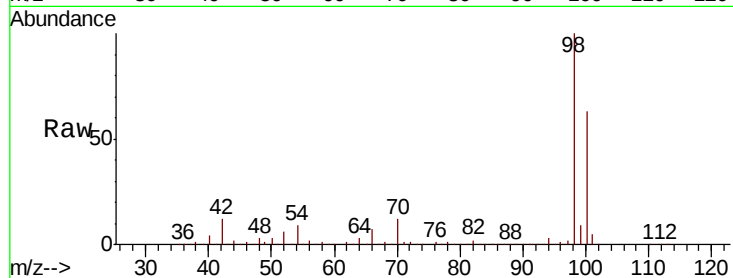
S37-TB-2018-2

Tot Ion: 98 Resp: 363273

Ion Ratio Lower Upper

98 100

100 63.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 43.438 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005591.D

Acq: 25 Oct 2018 16:03

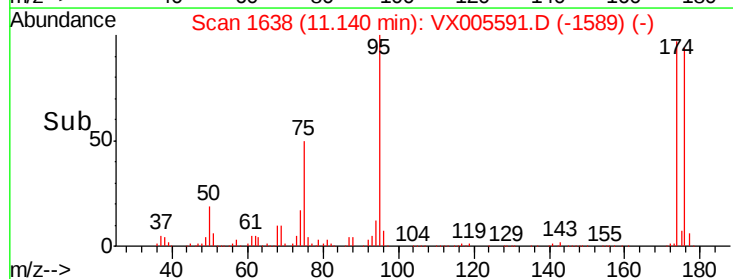
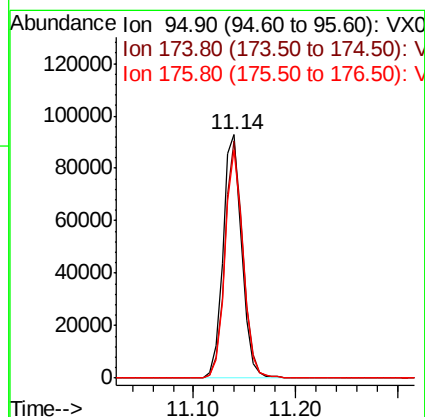
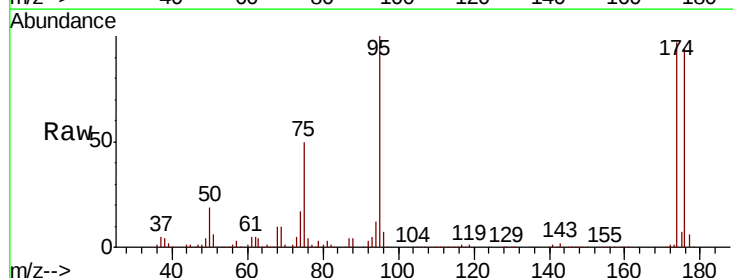
Tgt Ion: 95 Resp: 119655

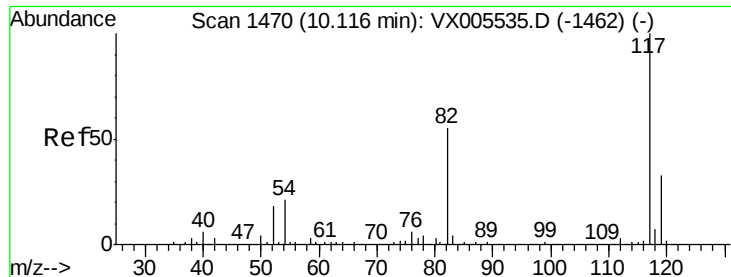
Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.4

176 90.2 0.0 177.4

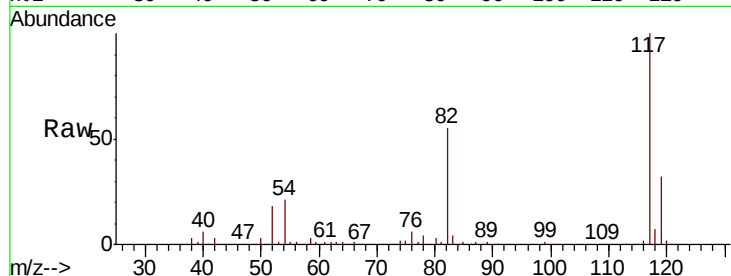




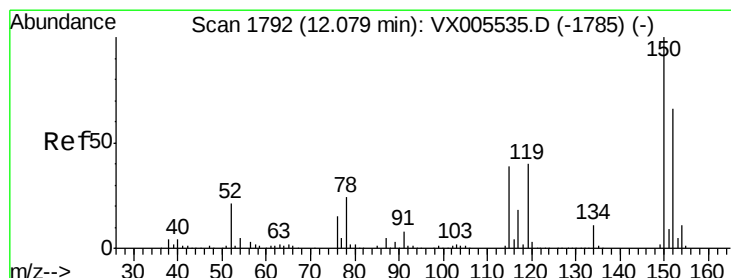
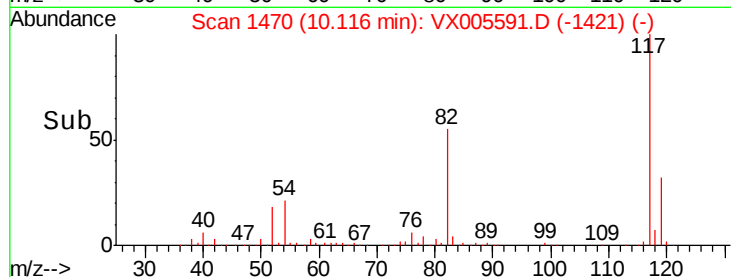
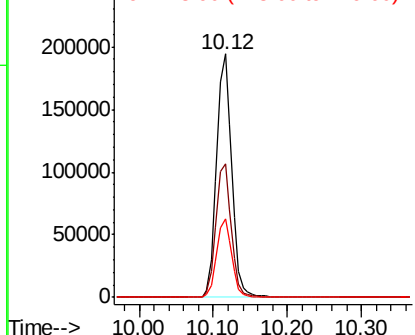
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005591.D
Acq: 25 Oct 2018 16:03

Instrument :
MSVOA_X
ClientSampled :
S37-TB-2018-2

Tot Ion:117 Resp: 272124
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 32.2 26.2 39.2

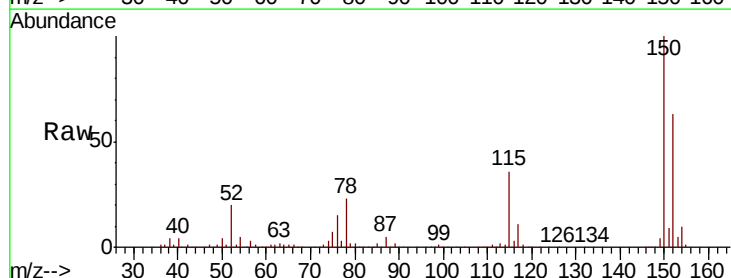


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005591.D
Acq: 25 Oct 2018 16:03

Tgt Ion:152 Resp: 129919
Ion Ratio Lower Upper
152 100
115 55.7 39.4 118.1
150 156.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

