

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006771.D
 Acq On : 22 Dec 2018 14:50
 Operator : JC/MD
 Sample : J6533-07 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: Dec 24 12:00:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	642814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	989238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	898011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	335849	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.50	113	298316	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1158632	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	407090	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

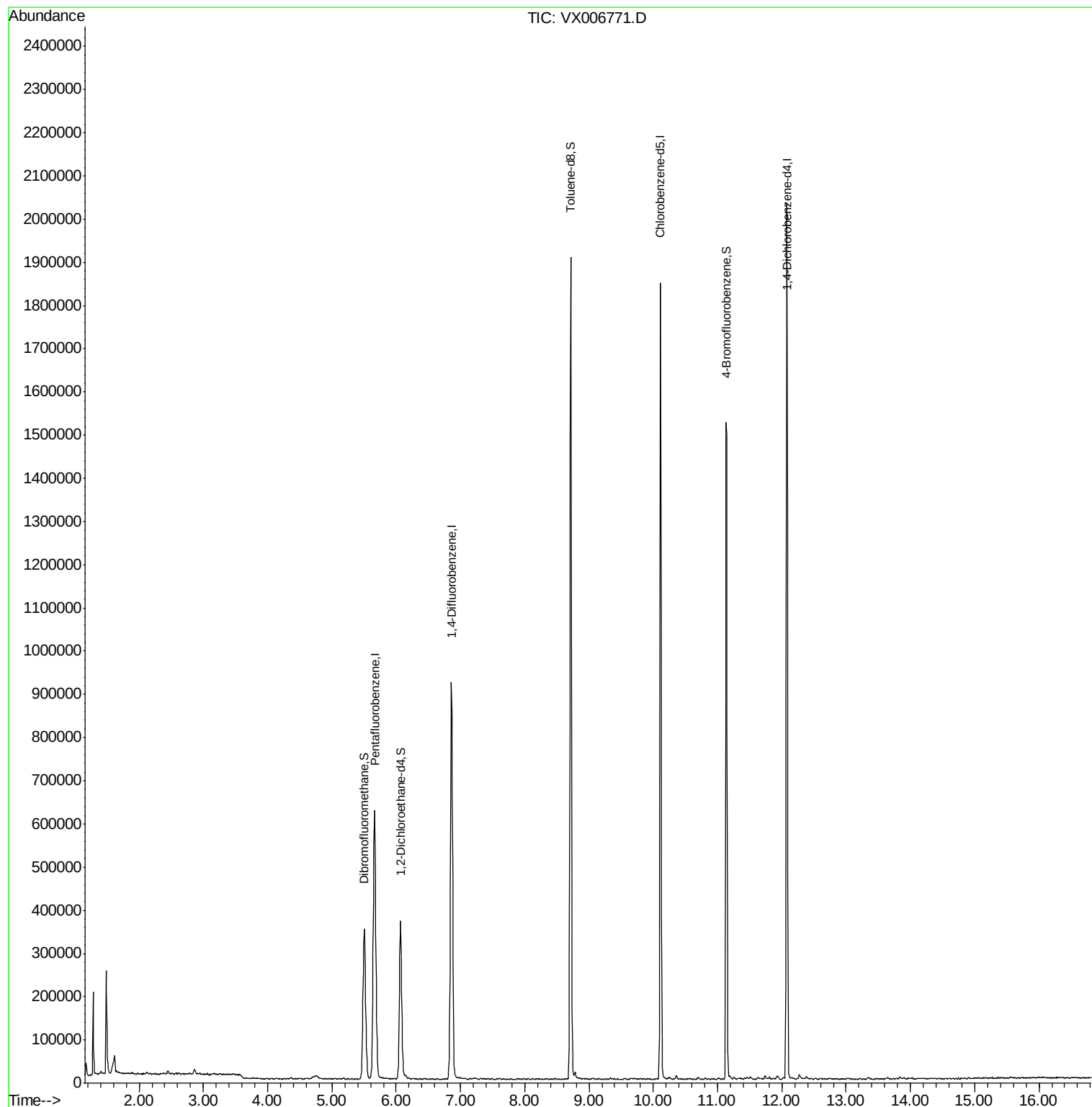
Target Compounds	Qvalue

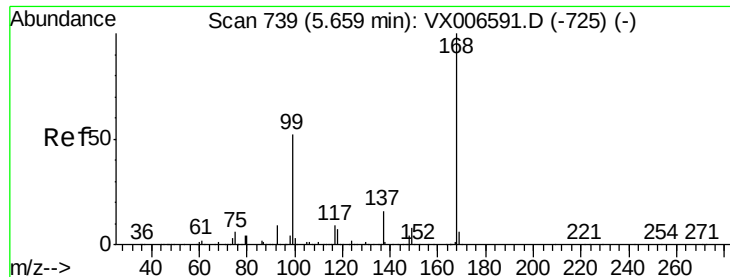
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006771.D

Acq: 22 Dec 2018 14:50

Instrument :

MSVOA_X

ClientSampled :

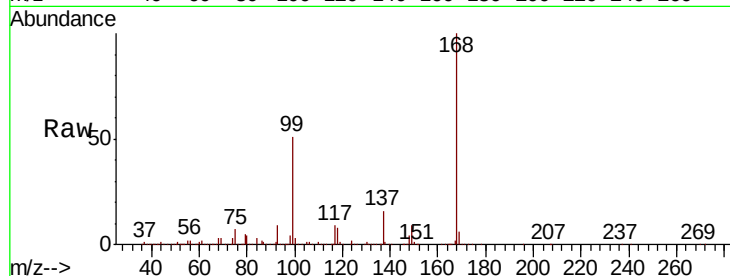
COMP-1

Tot Ion:168 Resp: 642814

Ion Ratio Lower Upper

168 100

99 50.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

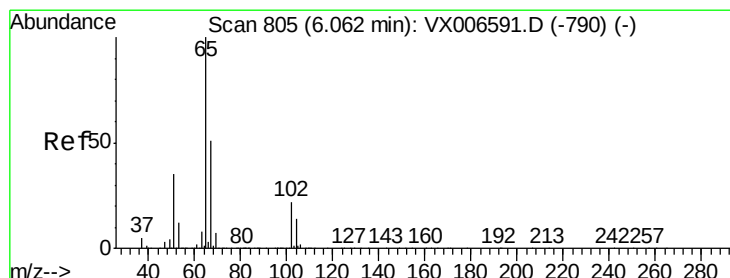
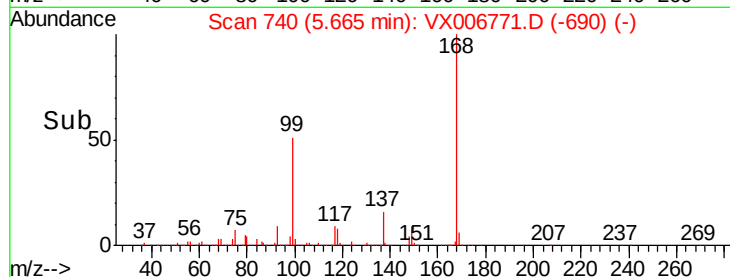
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.477 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006771.D

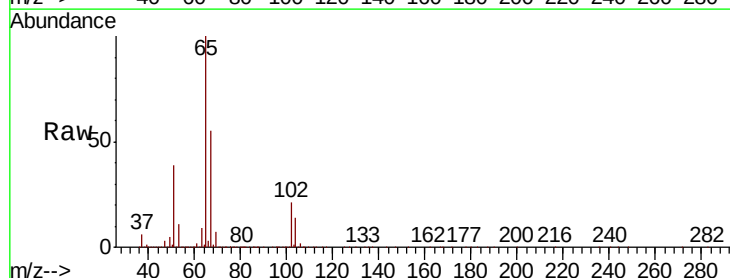
Acq: 22 Dec 2018 14:50

Tgt Ion: 65 Resp: 335849

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

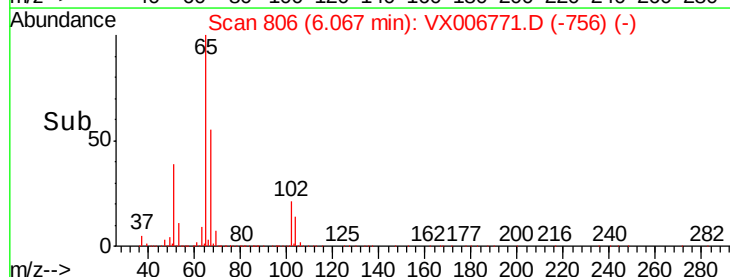
150000

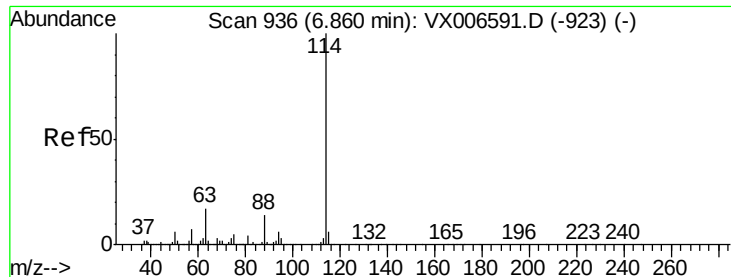
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006771.D

Acq: 22 Dec 2018 14:50

Instrument :

MSVOA_X

ClientSampled :

COMP-1

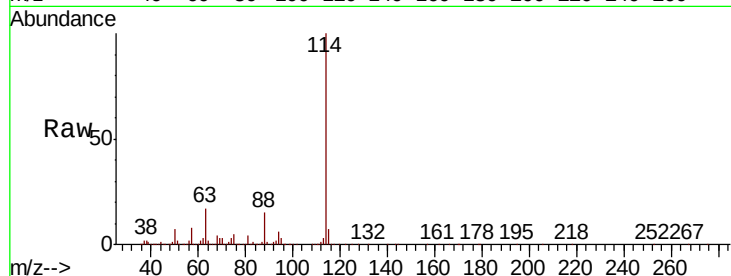
Tot Ion:114 Resp: 989238

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

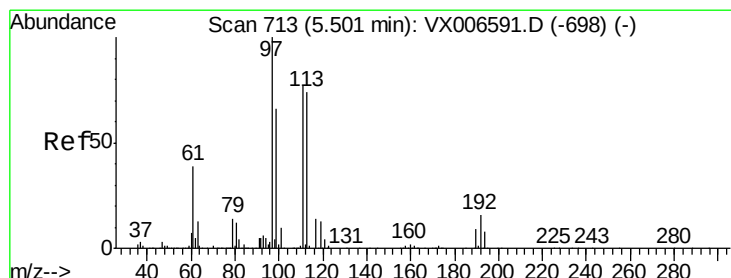
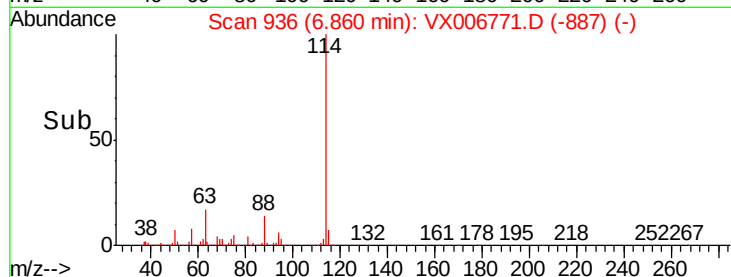
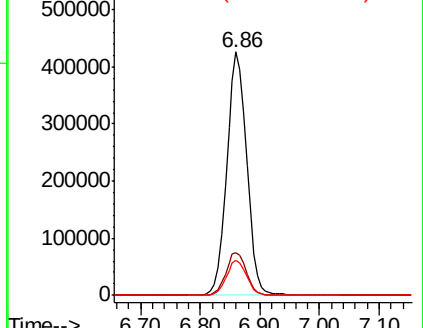
88 14.5 0.0 28.8



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: 47.687 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006771.D

Acq: 22 Dec 2018 14:50

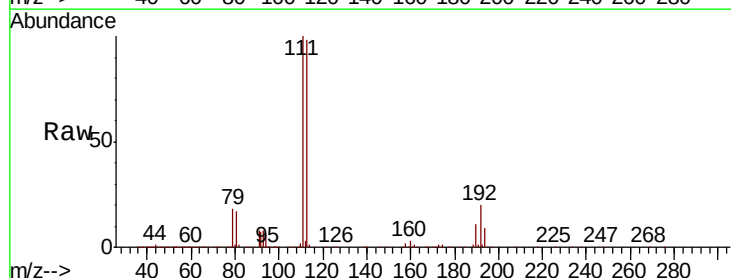
Tgt Ion:113 Resp: 298316

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

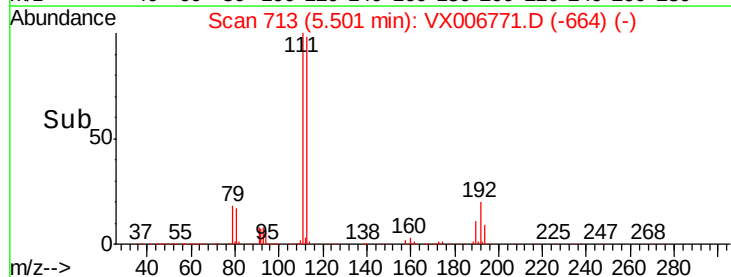
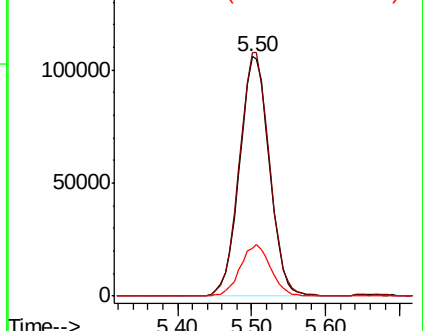
192 21.8 16.7 25.1

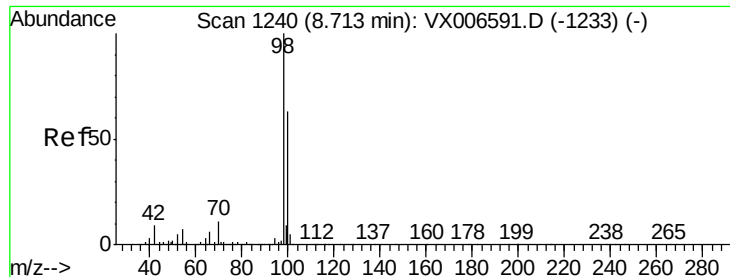


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.127 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006771.D

Acq: 22 Dec 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

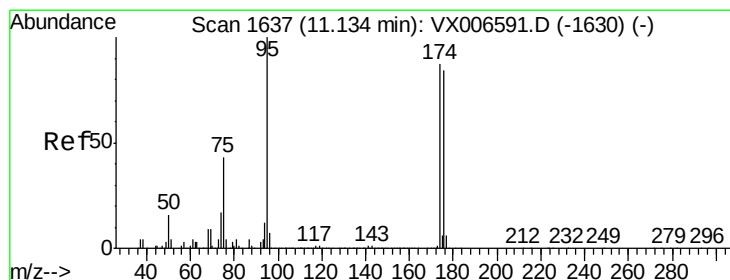
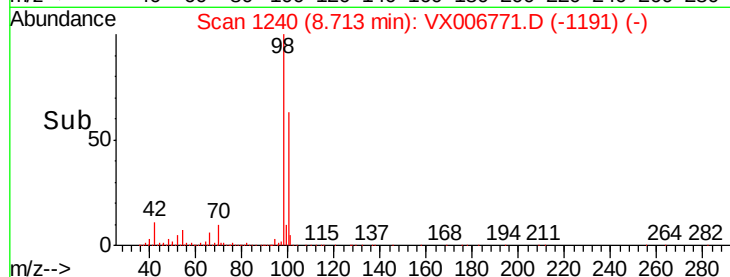
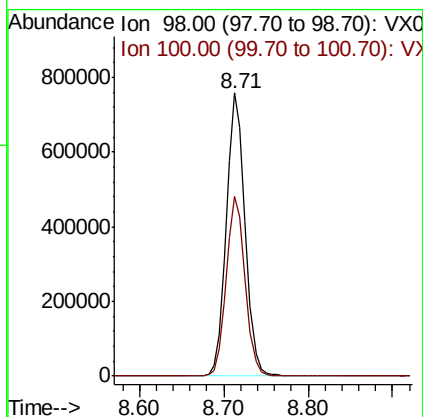
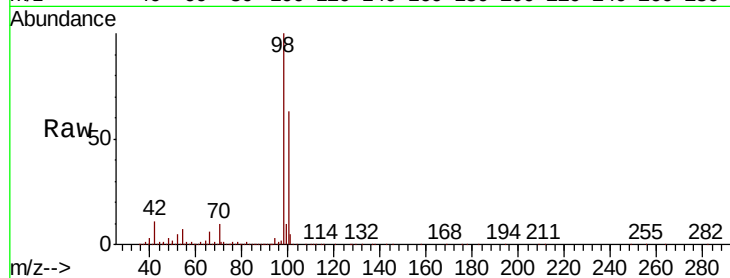
COMP-1

Tot Ion: 98 Resp: 1158632

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.130 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006771.D

Acq: 22 Dec 2018 14:50

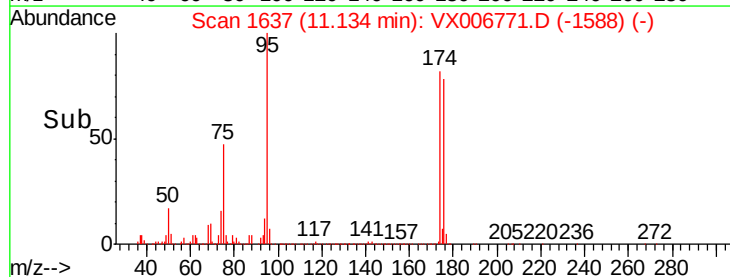
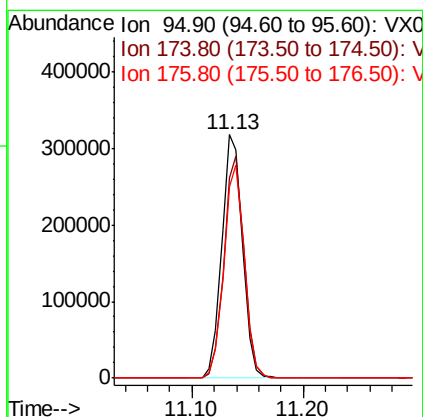
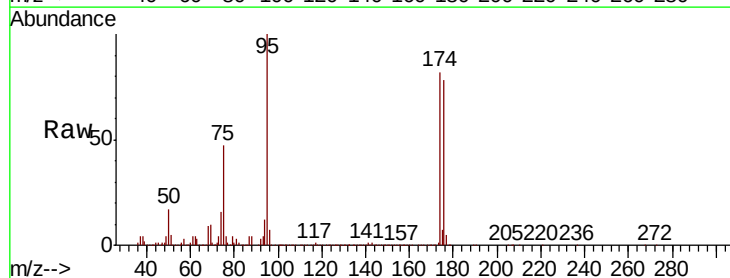
Tgt Ion: 95 Resp: 407090

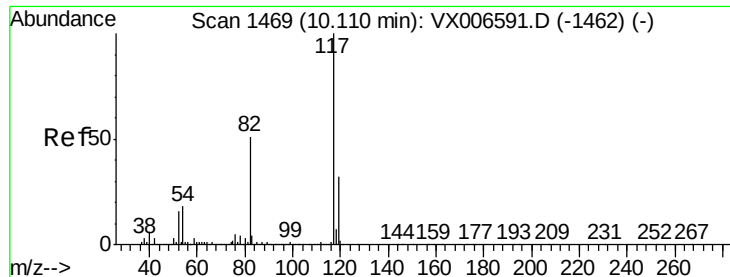
Ion Ratio Lower Upper

95 100

174 89.2 0.0 182.2

176 86.6 0.0 178.8

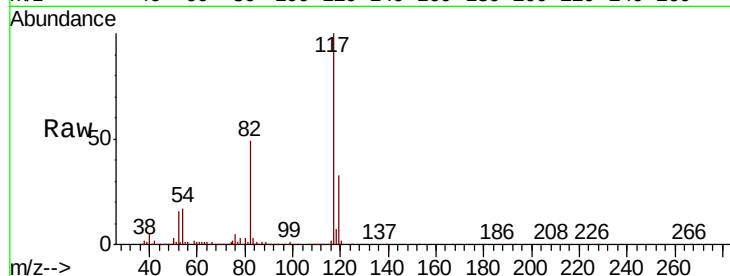




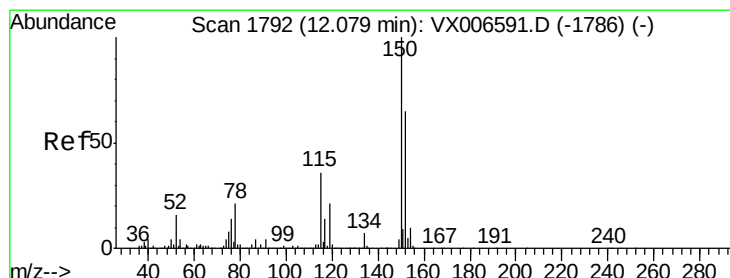
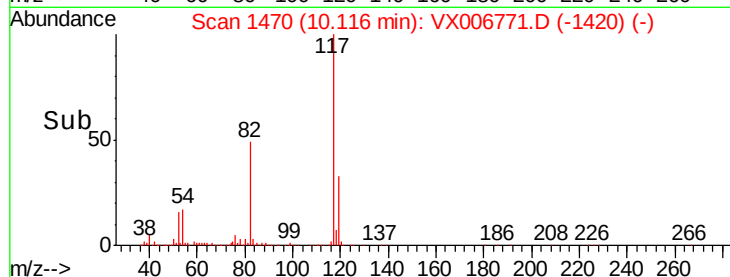
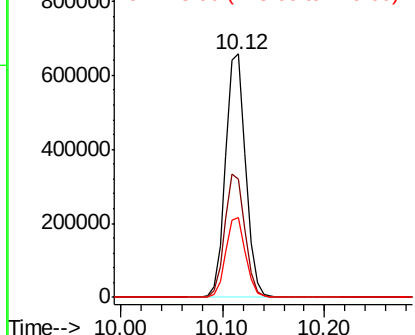
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006771.D
Acq: 22 Dec 2018 14:50

Instrument :
MSVOA_X
ClientSampled :
COMP-1

Tot Ion:117 Resp: 898011
Ion Ratio Lower Upper
117 100
82 48.8 41.0 61.6
119 32.7 25.4 38.0

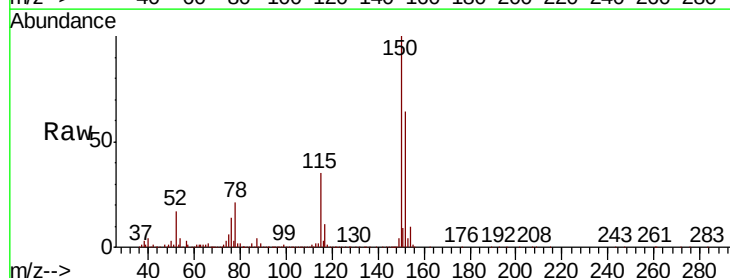


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006771.D
Acq: 22 Dec 2018 14:50

Tgt Ion:152 Resp: 429031
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.2
150 157.3 0.0 344.8



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

