

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122818\
 Data File : VX006859.D
 Acq On : 28 Dec 2018 14:20
 Operator : JC/MD
 Sample : J6592-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 02 10:52:51 2019
 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	666297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1004128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	910869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437662	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	342517	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	305527	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	1169769	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	420510	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	

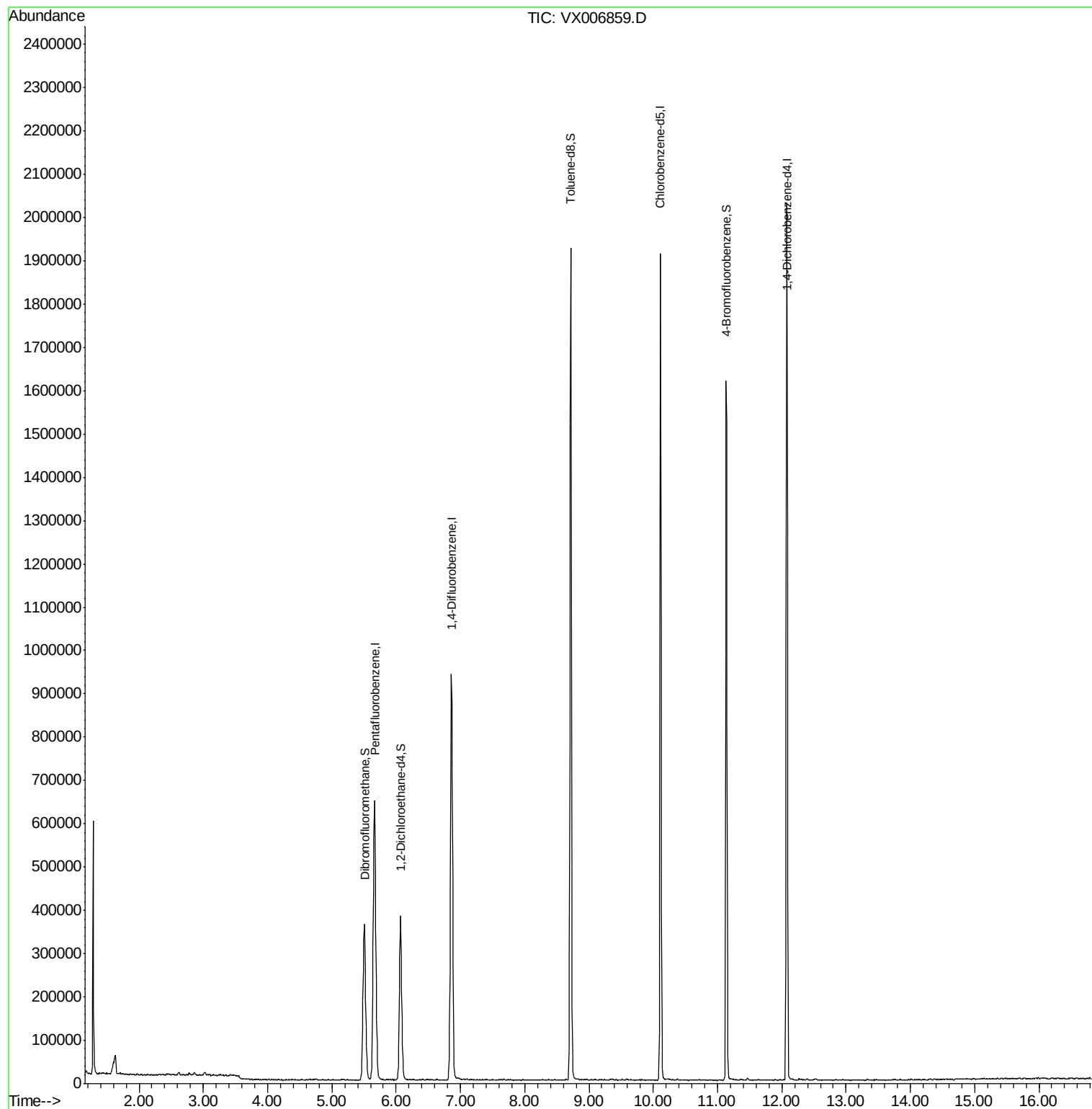
Target Compounds	Qvalue
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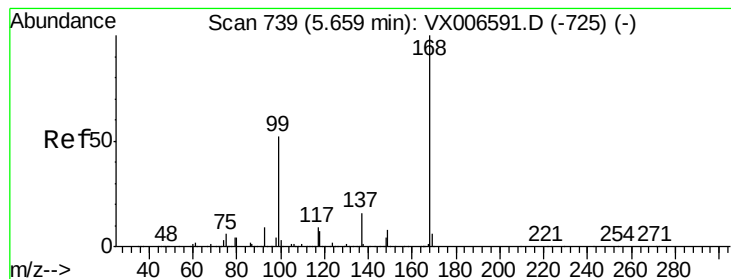
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006859.D

Acq: 28 Dec 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

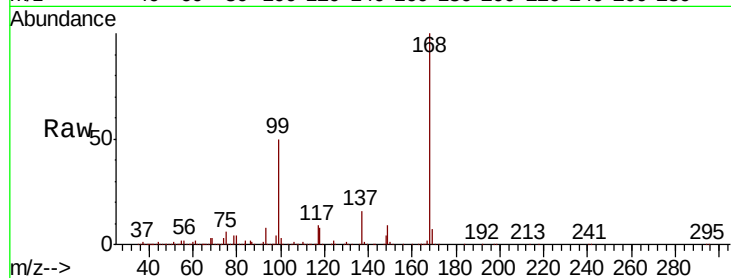
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 666297

Ion Ratio Lower Upper

168 100

99 49.7 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

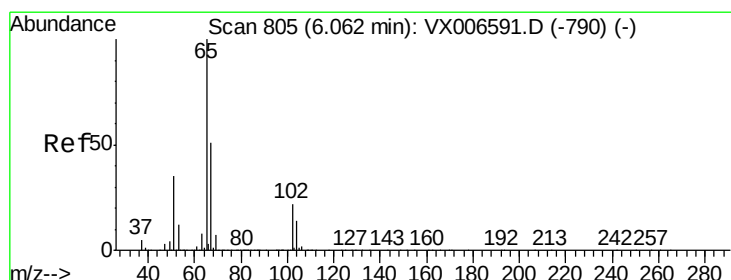
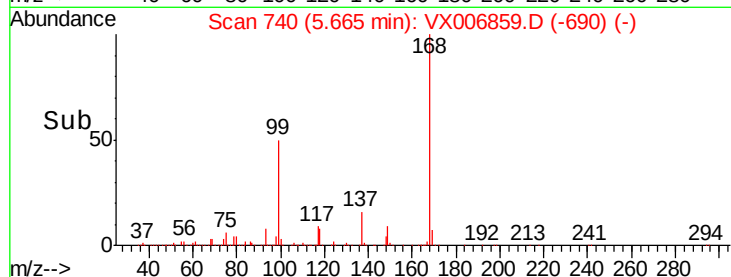
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.697 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006859.D

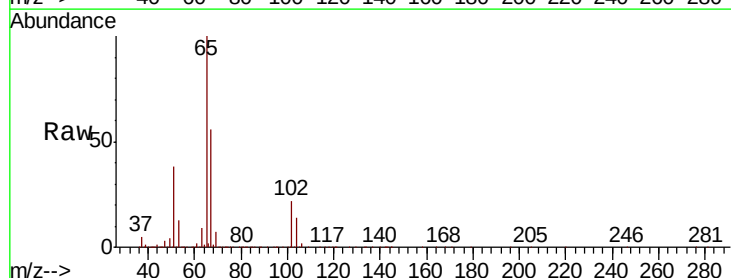
Acq: 28 Dec 2018 14:20

Tgt Ion: 65 Resp: 342517

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

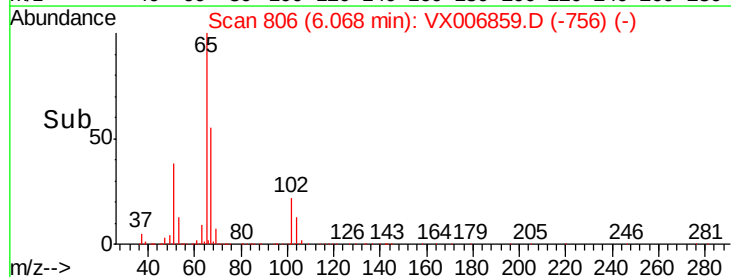
150000

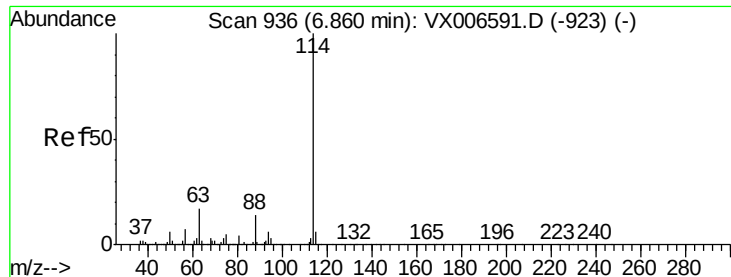
100000

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: VX006859.D

Acq: 28 Dec 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

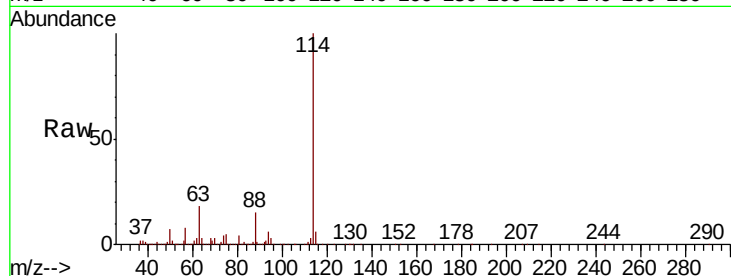
Tot Ion:114 Resp: 1004128

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

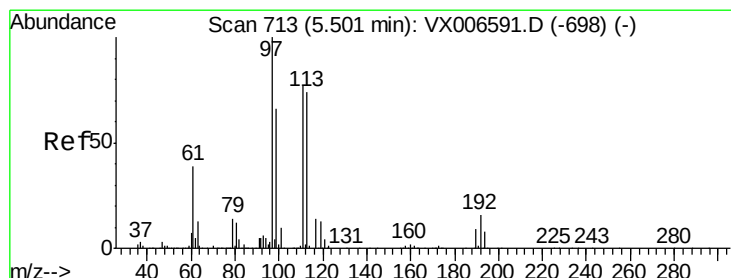
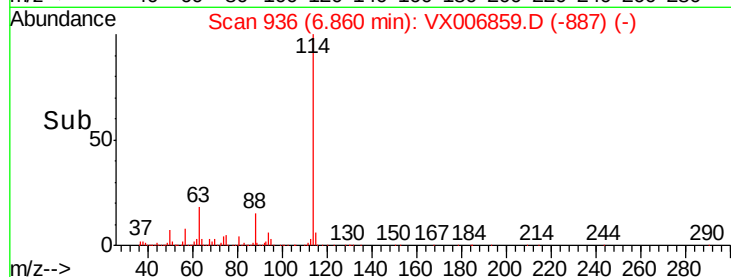
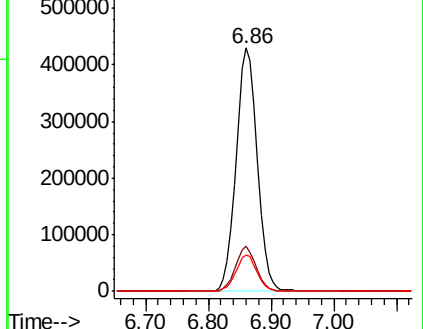
88 14.9 0.0 28.8



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: 48.115 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006859.D

Acq: 28 Dec 2018 14:20

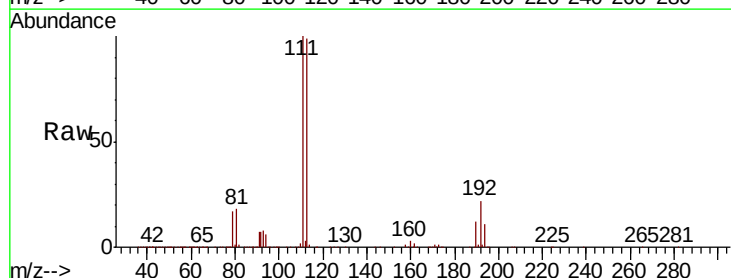
Tgt Ion:113 Resp: 305527

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

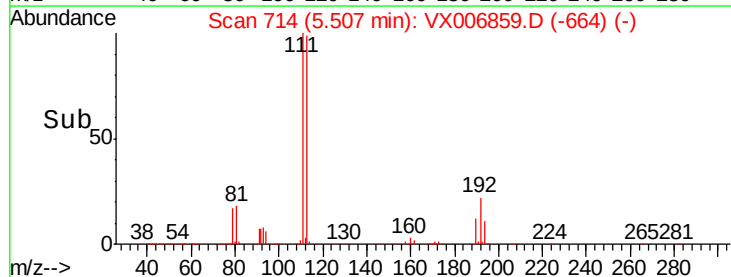
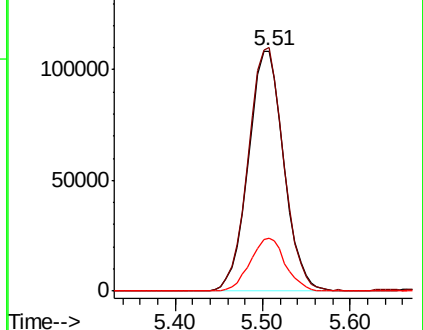
192 22.2 16.7 25.1

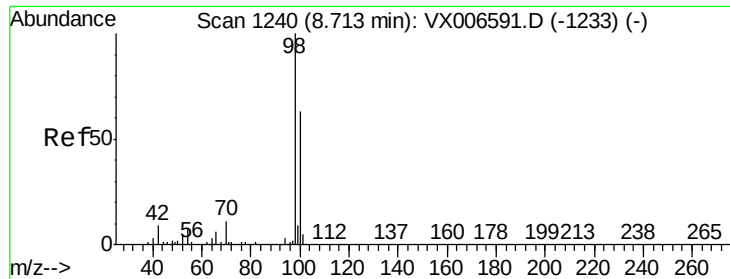


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.864 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006859.D

Acq: 28 Dec 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

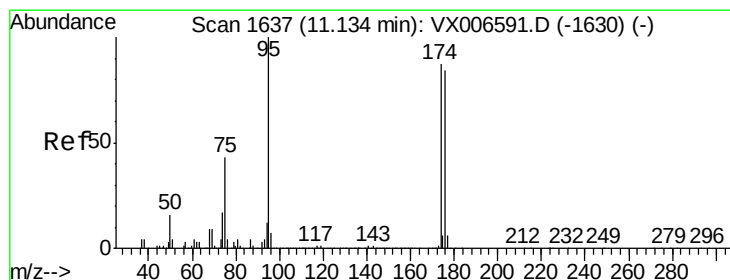
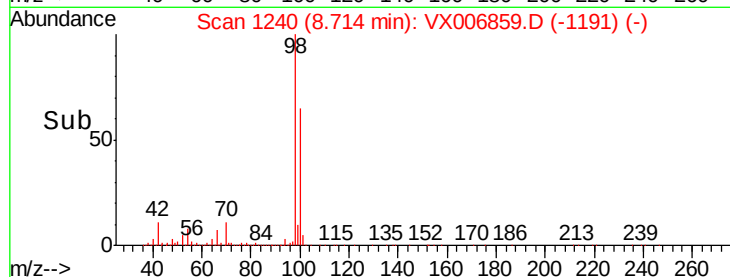
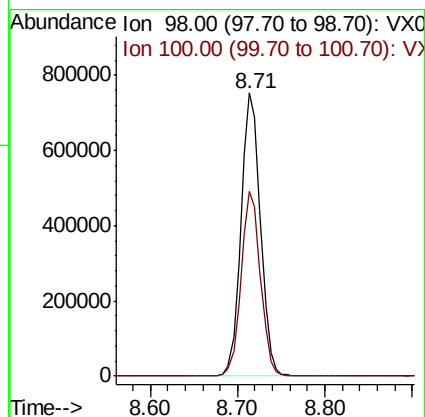
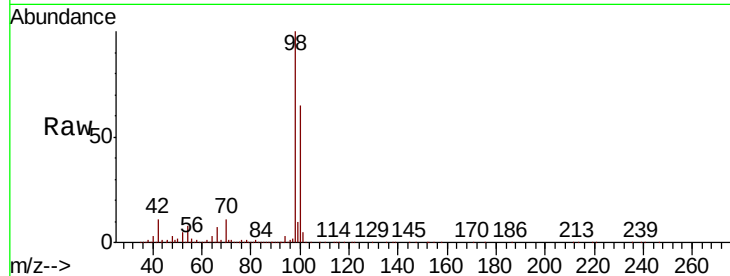
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 1169769

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.962 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006859.D

Acq: 28 Dec 2018 14:20

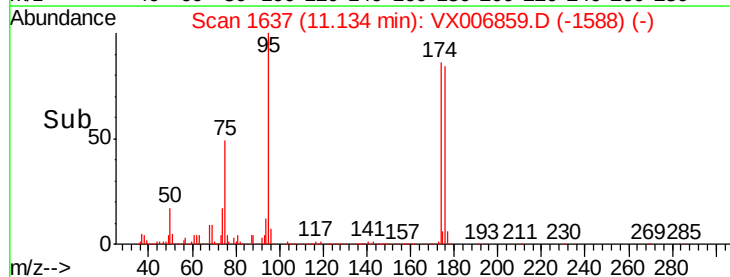
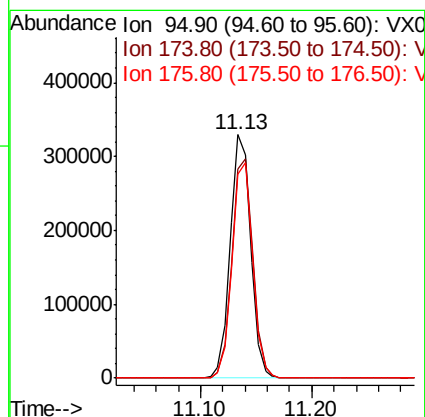
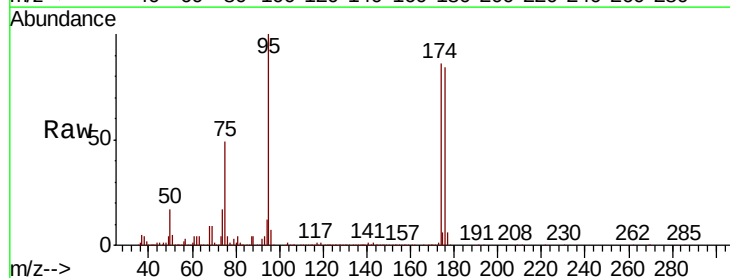
Tgt Ion: 95 Resp: 420510

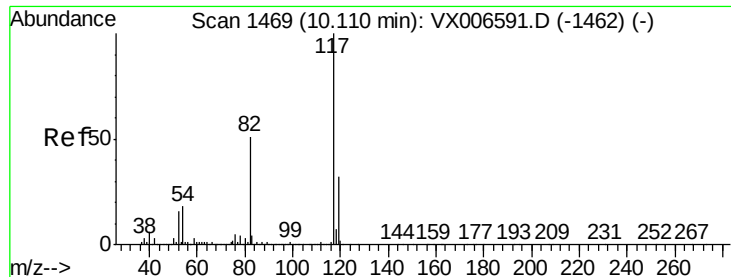
Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.2

176 89.2 0.0 178.8

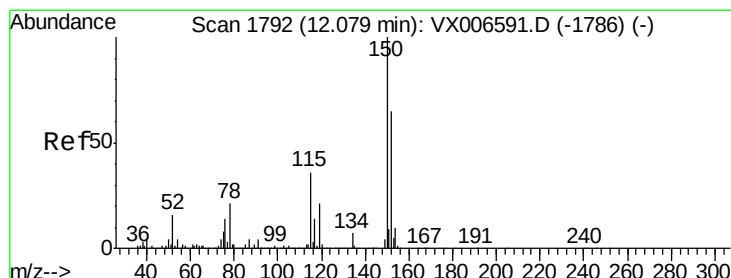
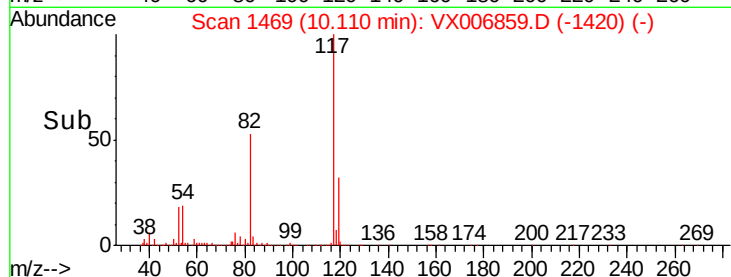
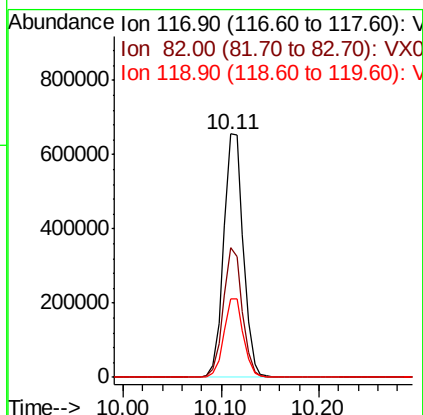
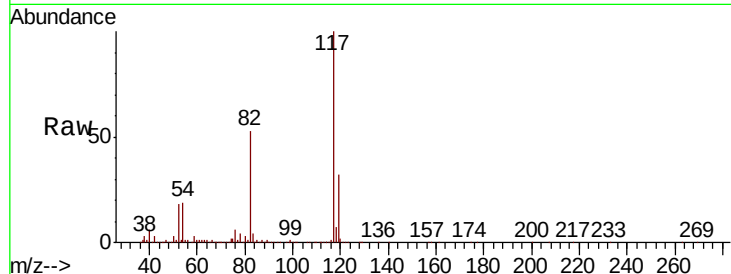




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006859.D
Acq: 28 Dec 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 910869
Ion Ratio Lower Upper
117 100
82 53.3 41.0 61.6
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006859.D
Acq: 28 Dec 2018 14:20

Tgt Ion:152 Resp: 437662
Ion Ratio Lower Upper
152 100
115 56.0 39.1 117.2
150 159.1 0.0 344.8

