

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011787.D
 Acq On : 23 Aug 2019 10:48
 Operator : JC/SP
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

Quant Time: Aug 26 02:08:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	608282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	550702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	198328	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	5.49	113	182778	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.71	98	694073	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	243718	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

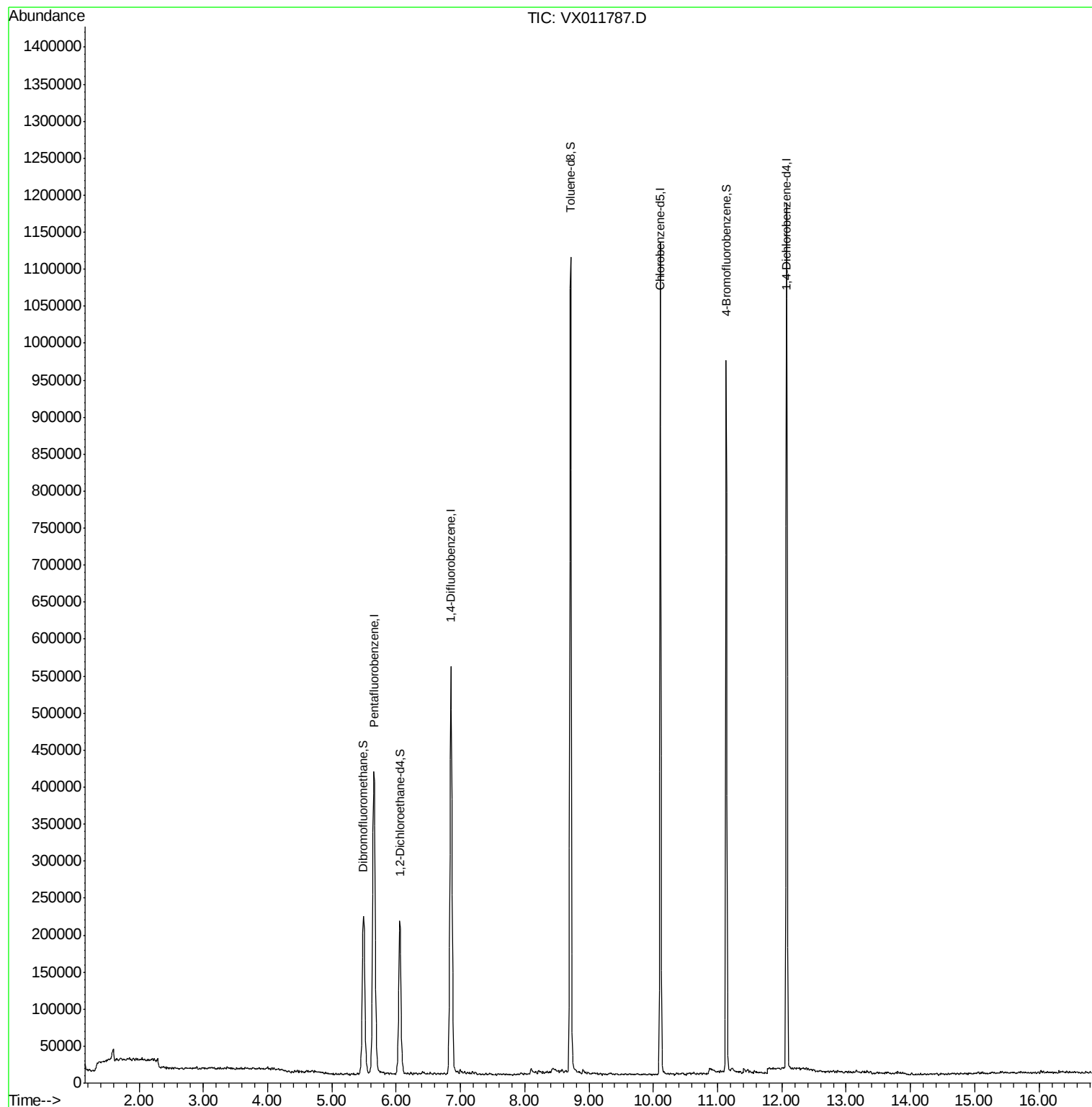
Target Compounds	Qvalue
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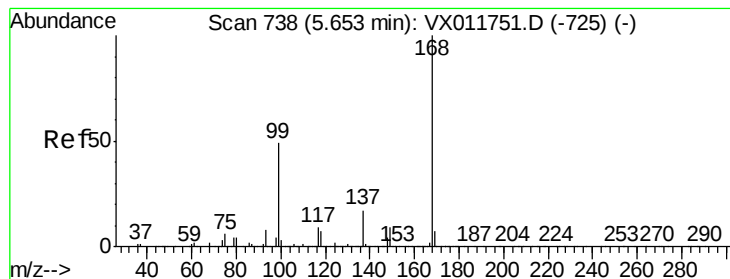
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

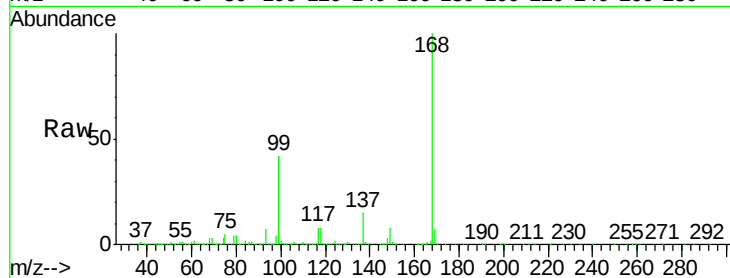
VX0823WBL01

Tot Ion:168 Resp: 459258

Ion Ratio Lower Upper

168 100

99 42.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

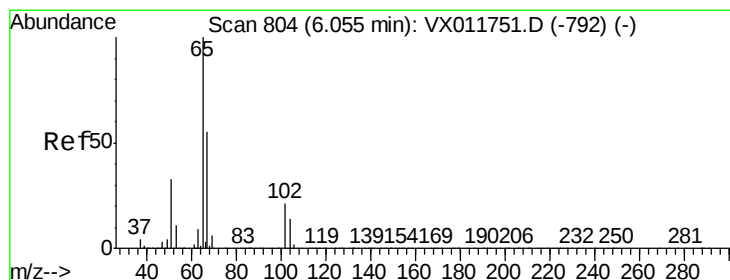
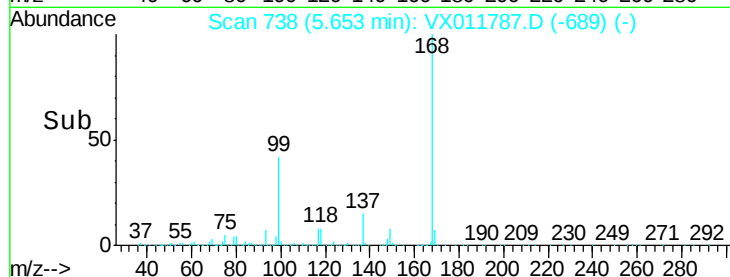
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 42.988 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011787.D

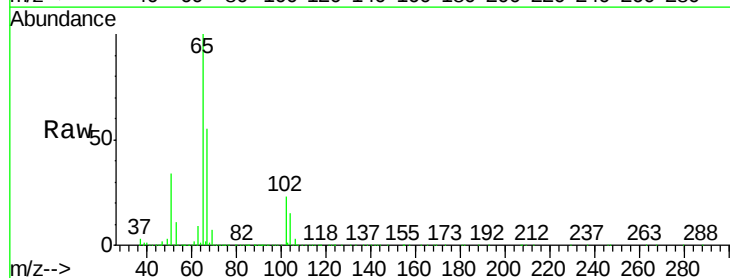
Acq: 23 Aug 2019 10:48

Tgt Ion: 65 Resp: 198328

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

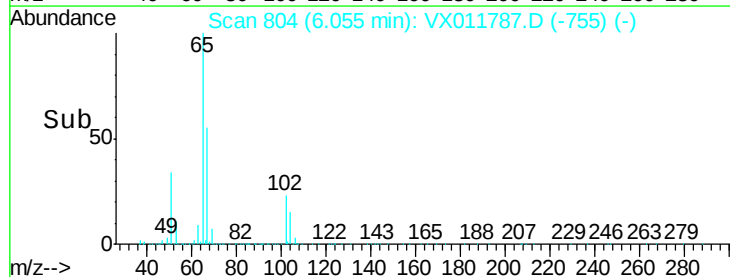
60000

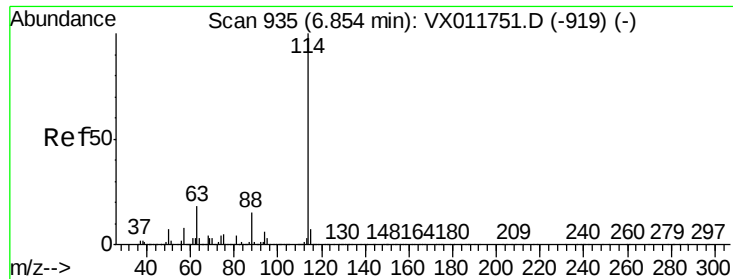
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

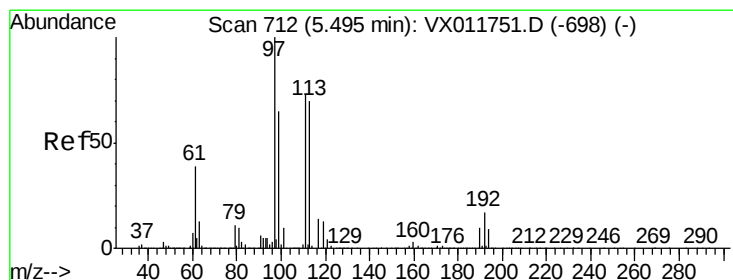
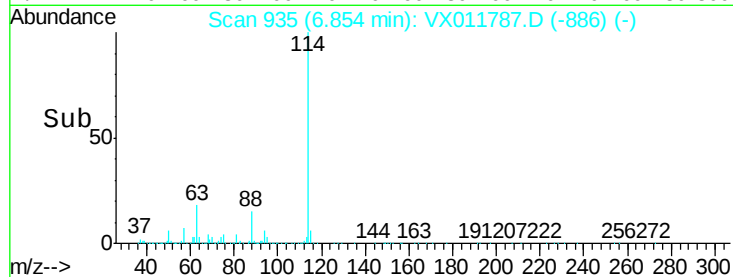
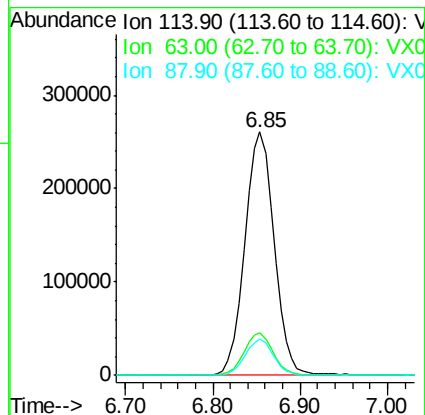
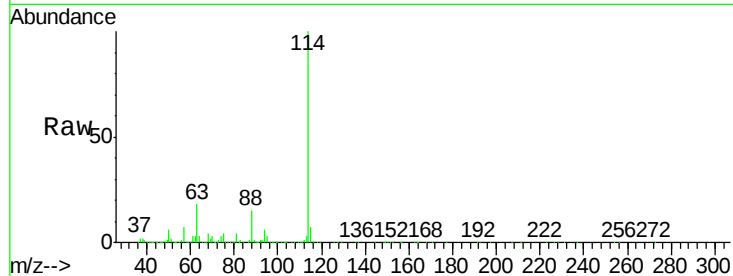
Instrument :

MSVOA_X

ClientSampleId :

VX0823WBL01

Tot Ion:	114	Resp:	608282
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	15.0	0.0	30.2



#35

Dibromofluoromethane

Concen: 46.468 ug/l

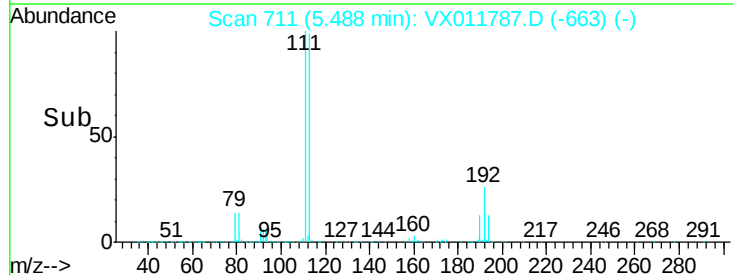
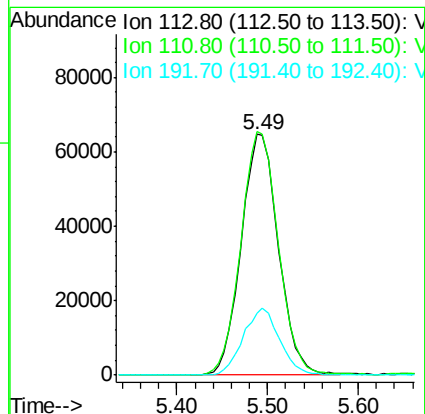
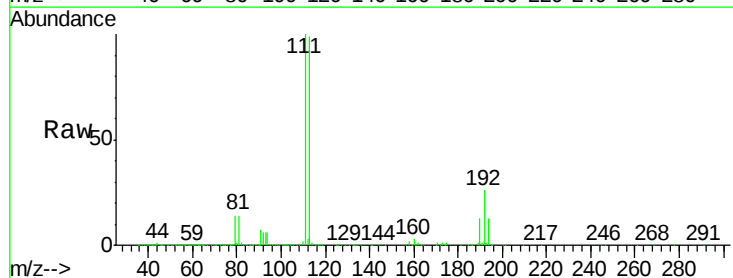
RT: 5.49 min Scan# 711

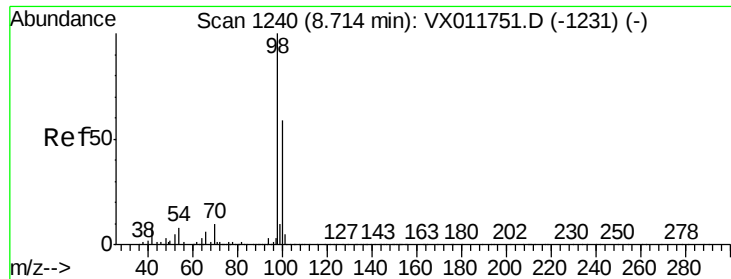
Delta R.T. -0.01 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Tgt Ion:	113	Resp:	182778
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	27.5	19.9	29.9





#50

Toluene-d8

Concen: 50.589 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

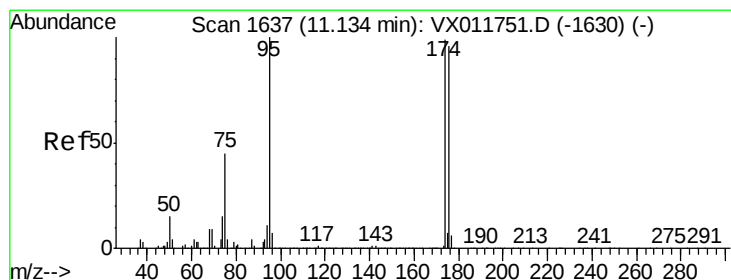
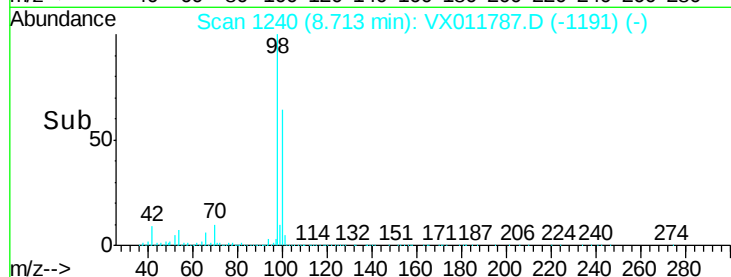
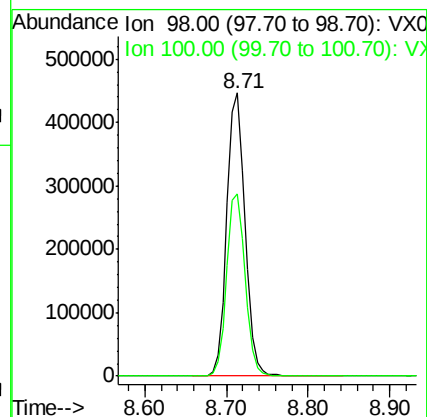
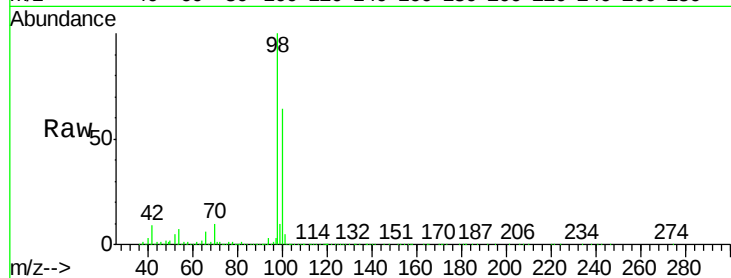
VX0823WBL01

Tot Ion: 98 Resp: 694073

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

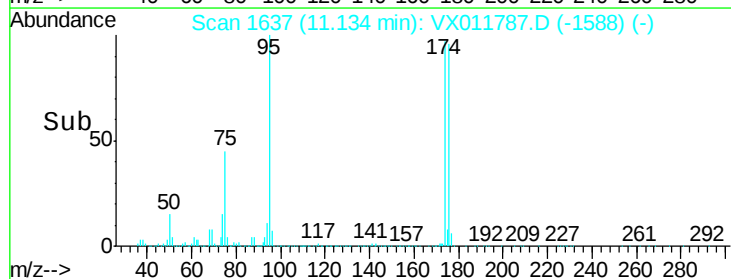
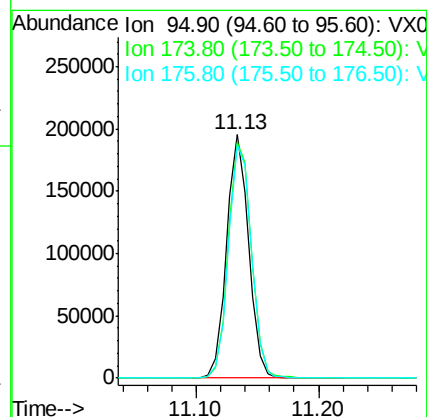
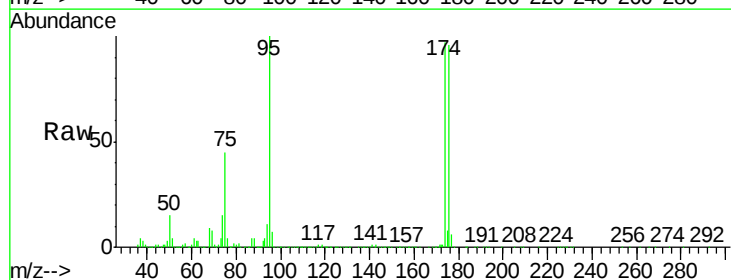
Tgt Ion: 95 Resp: 243718

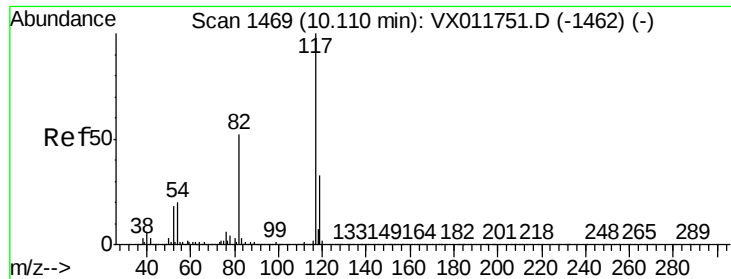
Ion Ratio Lower Upper

95 100

174 101.5 0.0 197.4

176 99.3 0.0 194.4

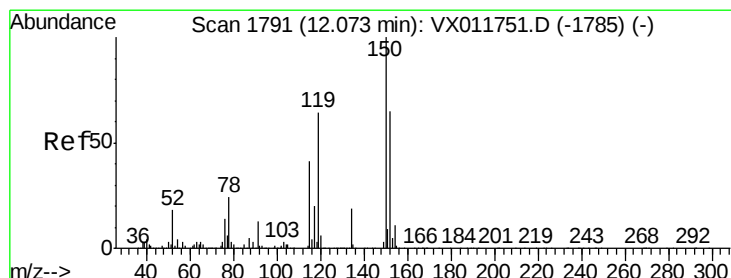
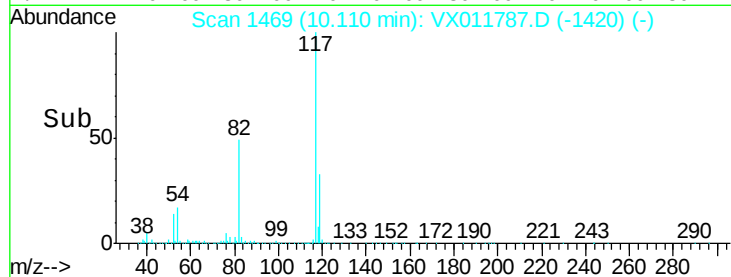
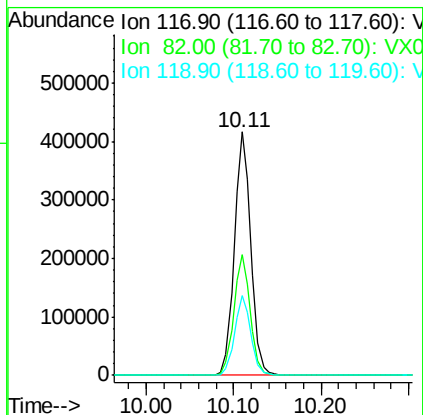
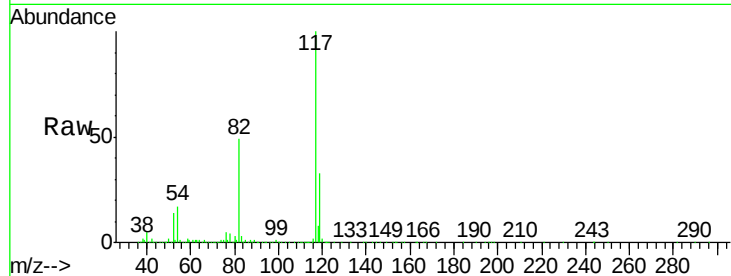




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

Tot Ion:117 Resp: 550702
Ion Ratio Lower Upper
117 100
82 49.3 41.7 62.5
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

Tgt Ion:152 Resp: 261690
Ion Ratio Lower Upper
152 100
115 53.7 37.3 111.8
150 157.2 0.0 343.0

