

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011786.D
 Acq On : 23 Aug 2019 10:25
 Operator : JC/SP
 Sample : VX0823MBL01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBL01

Quant Time: Aug 26 02:06:00 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	438831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268632	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	213320	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	5.49	113	188230	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	677219	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	231771	42.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.96%	

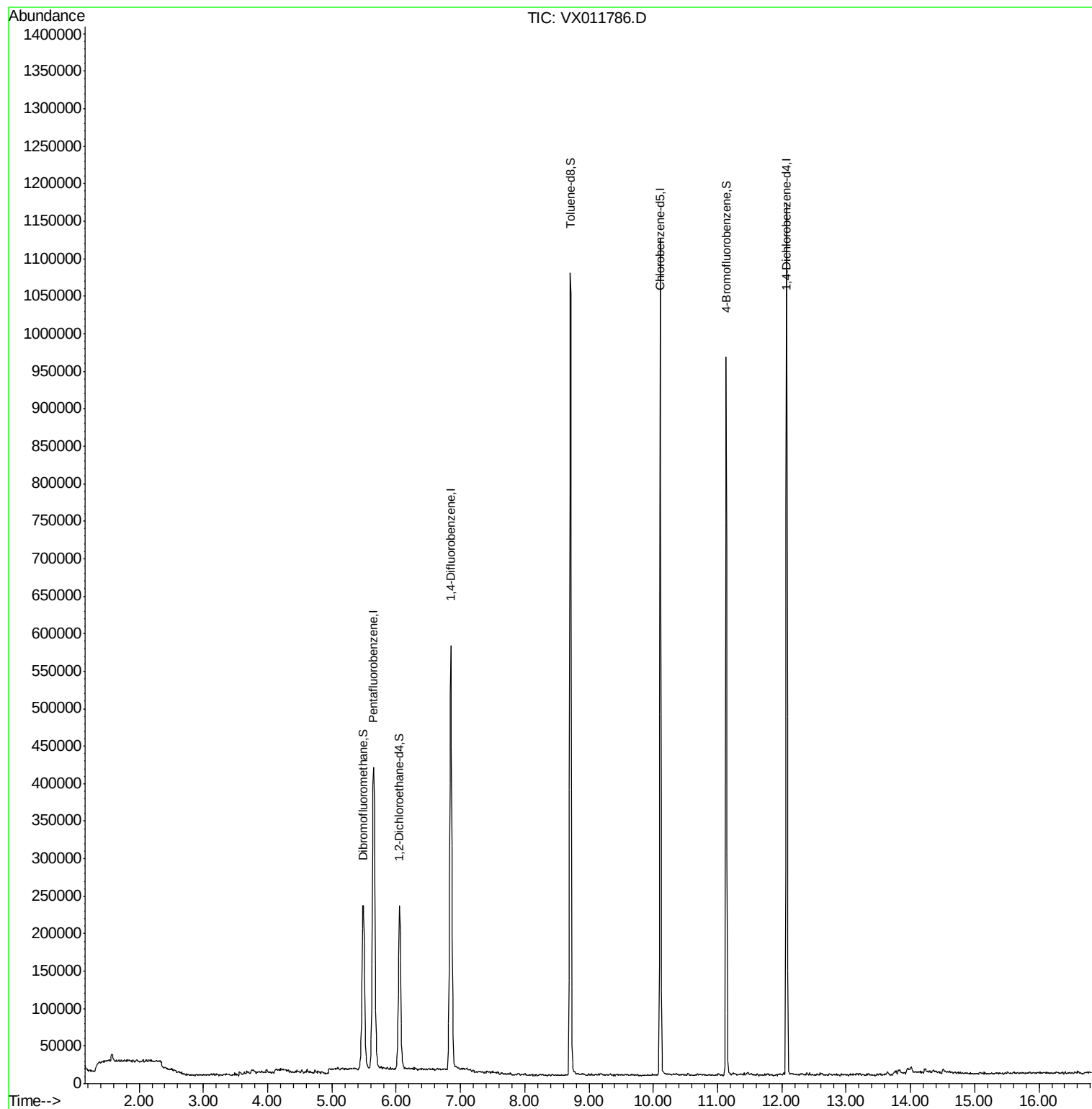
Target Compounds	Qvalue

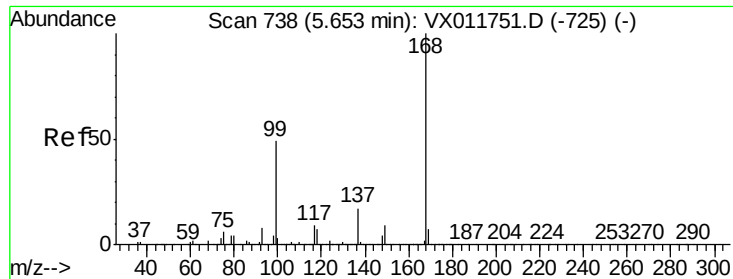
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

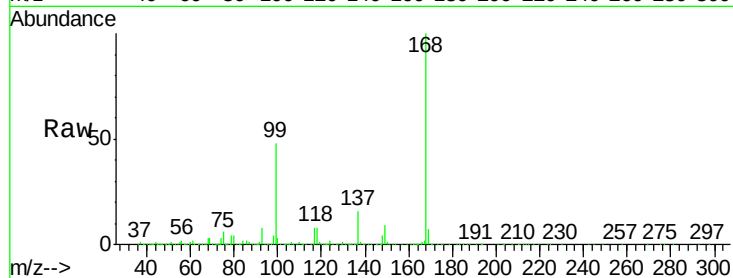
VX0823MBL01

Tot Ion:168 Resp: 438831

Ion Ratio Lower Upper

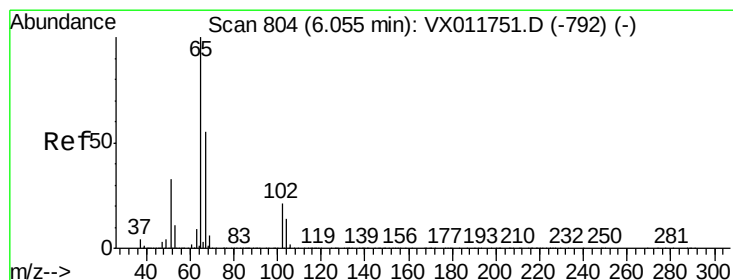
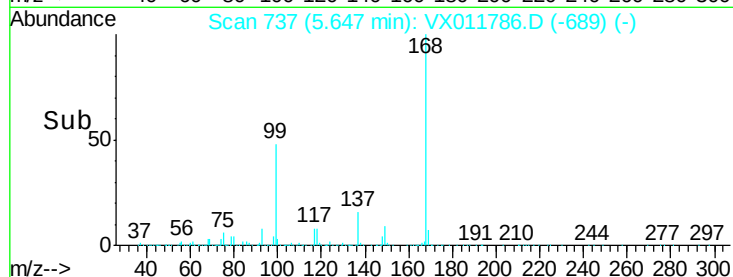
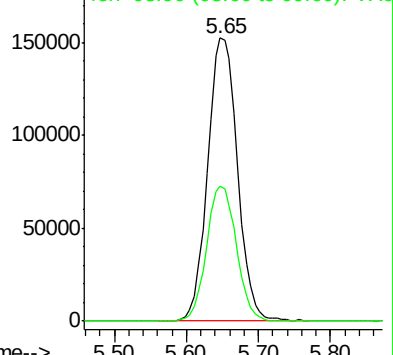
168 100

99 47.5 39.4 59.2



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: 48.390 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011786.D

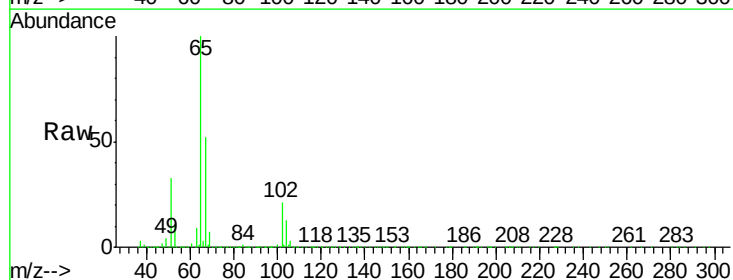
Acq: 23 Aug 2019 10:25

Tgt Ion: 65 Resp: 213320

Ion Ratio Lower Upper

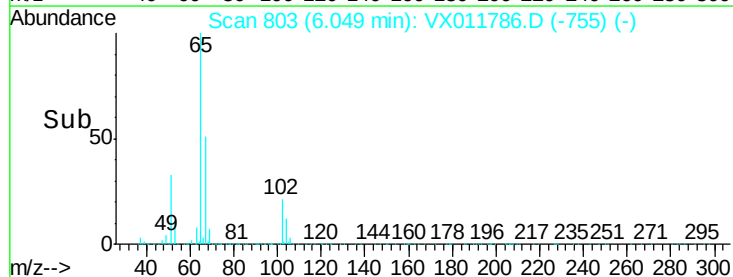
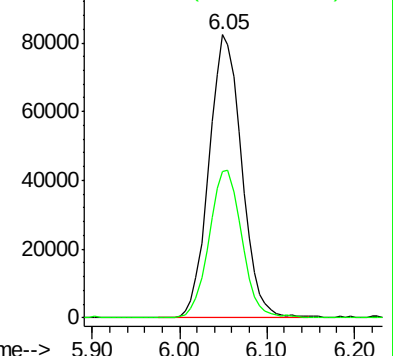
65 100

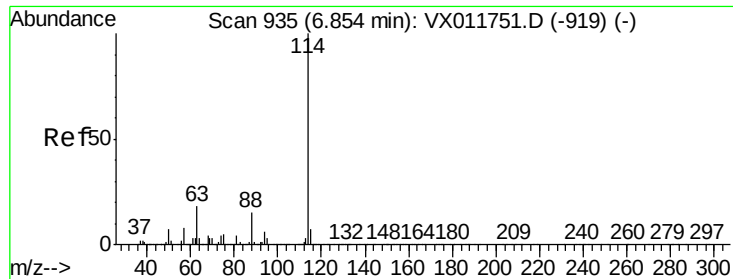
67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

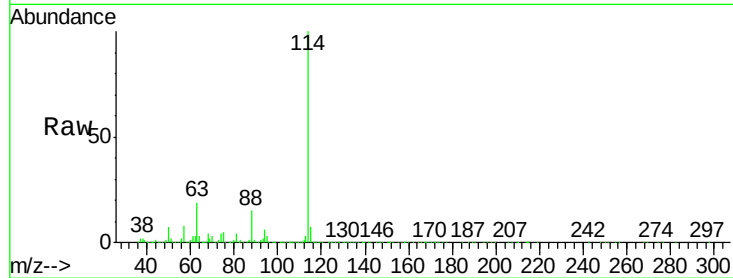
Tot Ion:114 Resp: 604906

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

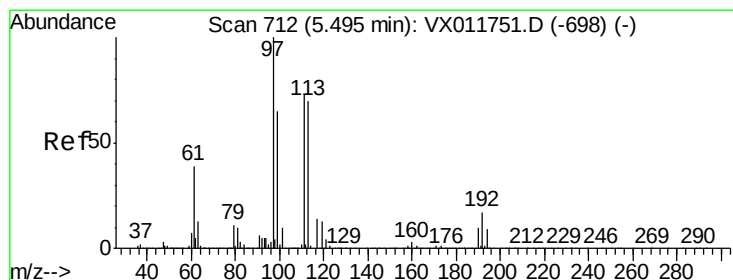
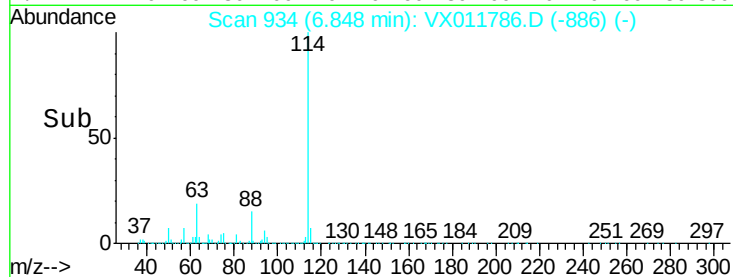
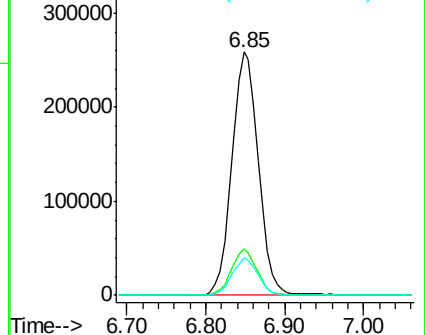
88 15.2 0.0 30.2



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: 48.121 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

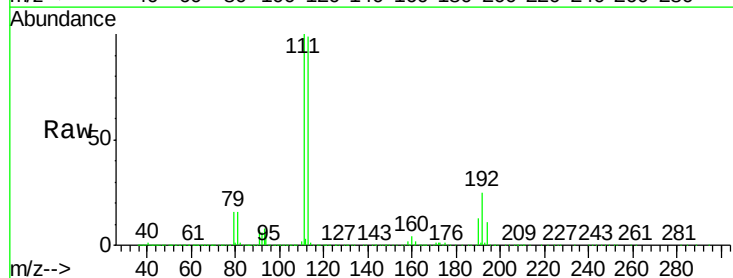
Tgt Ion:113 Resp: 188230

Ion Ratio Lower Upper

113 100

111 100.6 81.0 121.4

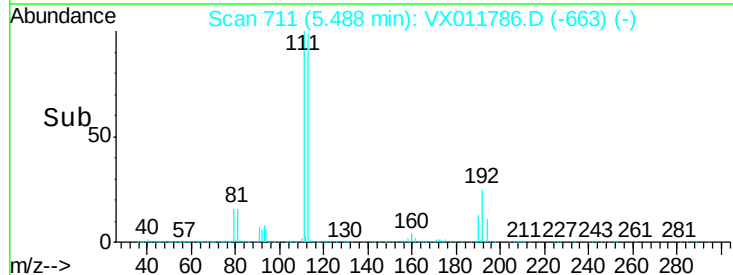
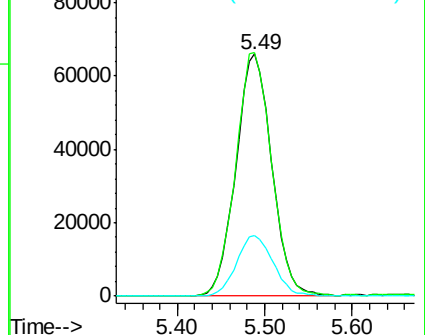
192 25.8 19.9 29.9

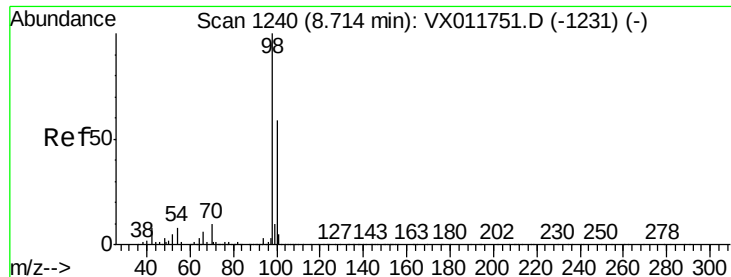


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.636 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

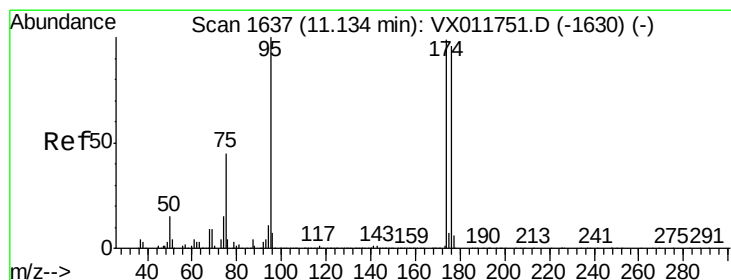
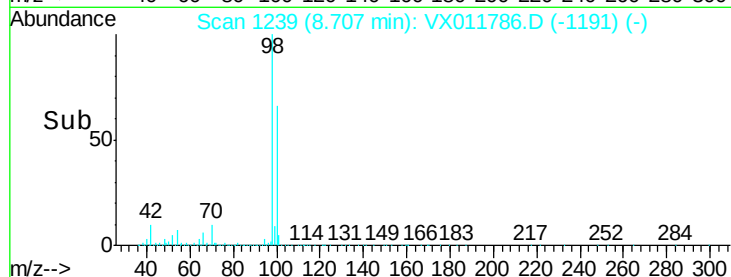
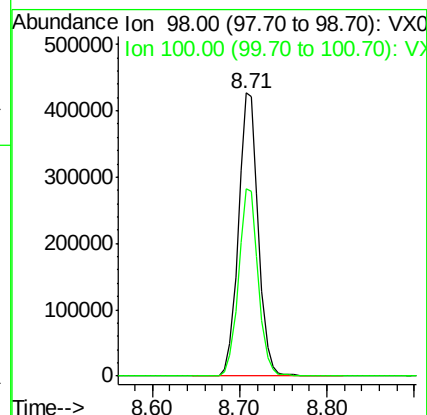
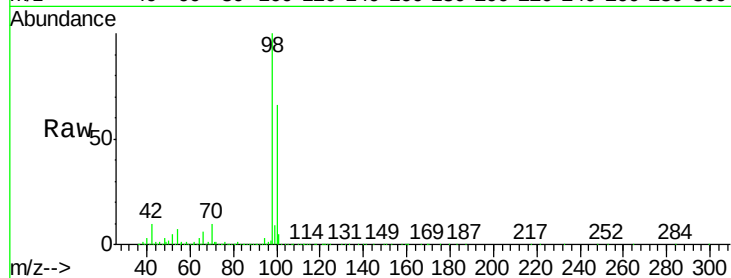
VX0823MBL01

Tot Ion: 98 Resp: 677219

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 42.978 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

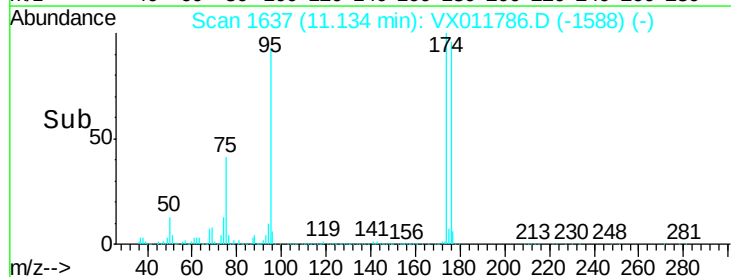
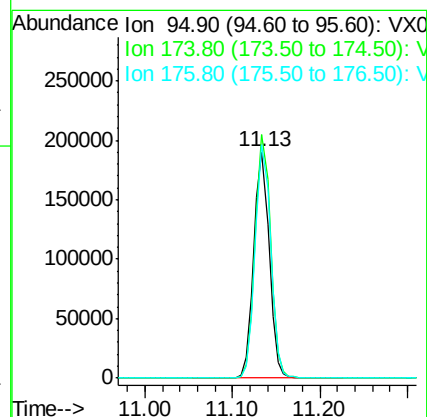
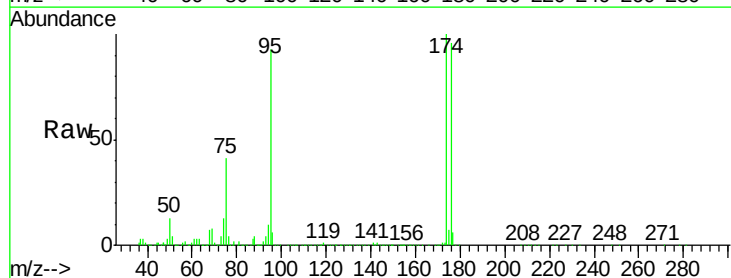
Tgt Ion: 95 Resp: 231771

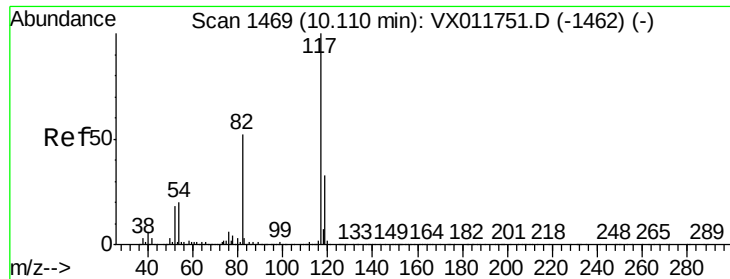
Ion Ratio Lower Upper

95 100

174 108.2 0.0 197.4

176 103.8 0.0 194.4

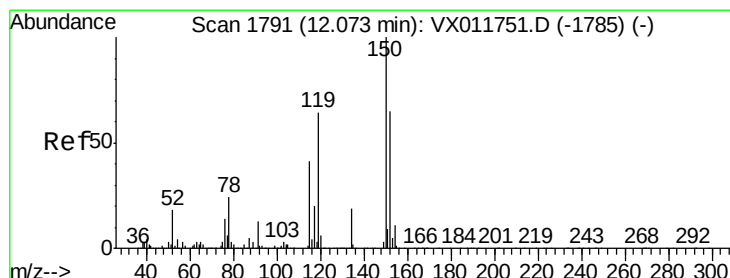
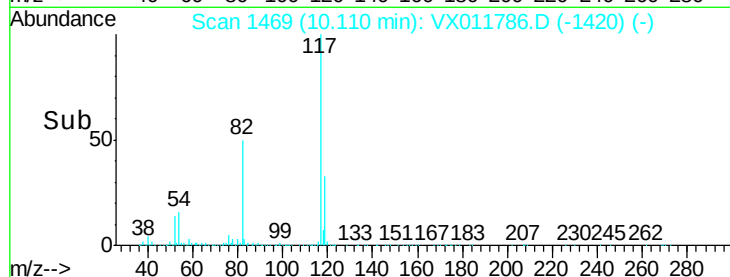
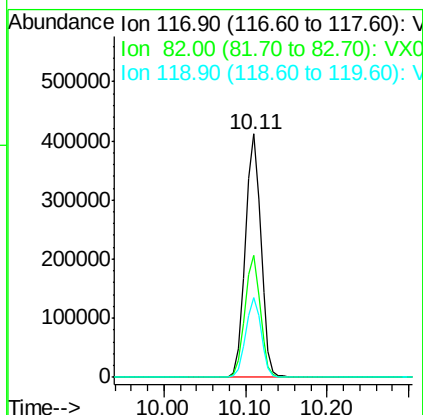
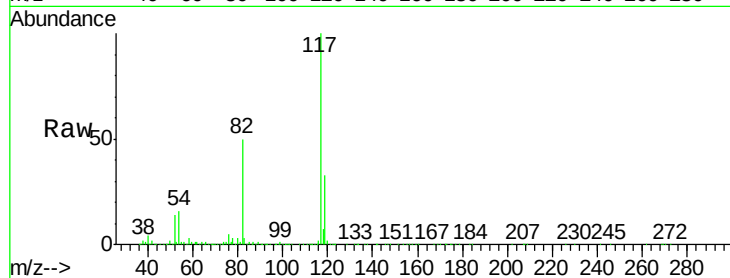




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011786.D
Acq: 23 Aug 2019 10:25

Instrument :
MSVOA_X
ClientSampled :
VX0823MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.7	62.5
119	32.8	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: VX011786.D
Acq: 23 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.2	37.3	111.8
150	156.6	0.0	343.0

