

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011811.D
 Acq On : 23 Aug 2019 20:22
 Operator : JC/SP
 Sample : K4496-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-082219

Quant Time: Aug 26 03:47:25 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	5.63	168	483083	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.85	114	639875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	571846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292900	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192411	39.65	ug/l	0.01
Spiked Amount	50.000		Recovery	=	79.30%	
35) Dibromofluoromethane	5.52	113	118003	28.52	ug/l	0.02
Spiked Amount	50.000		Recovery	=	57.04%	
50) Toluene-d8	8.71	98	711618	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	252558	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	

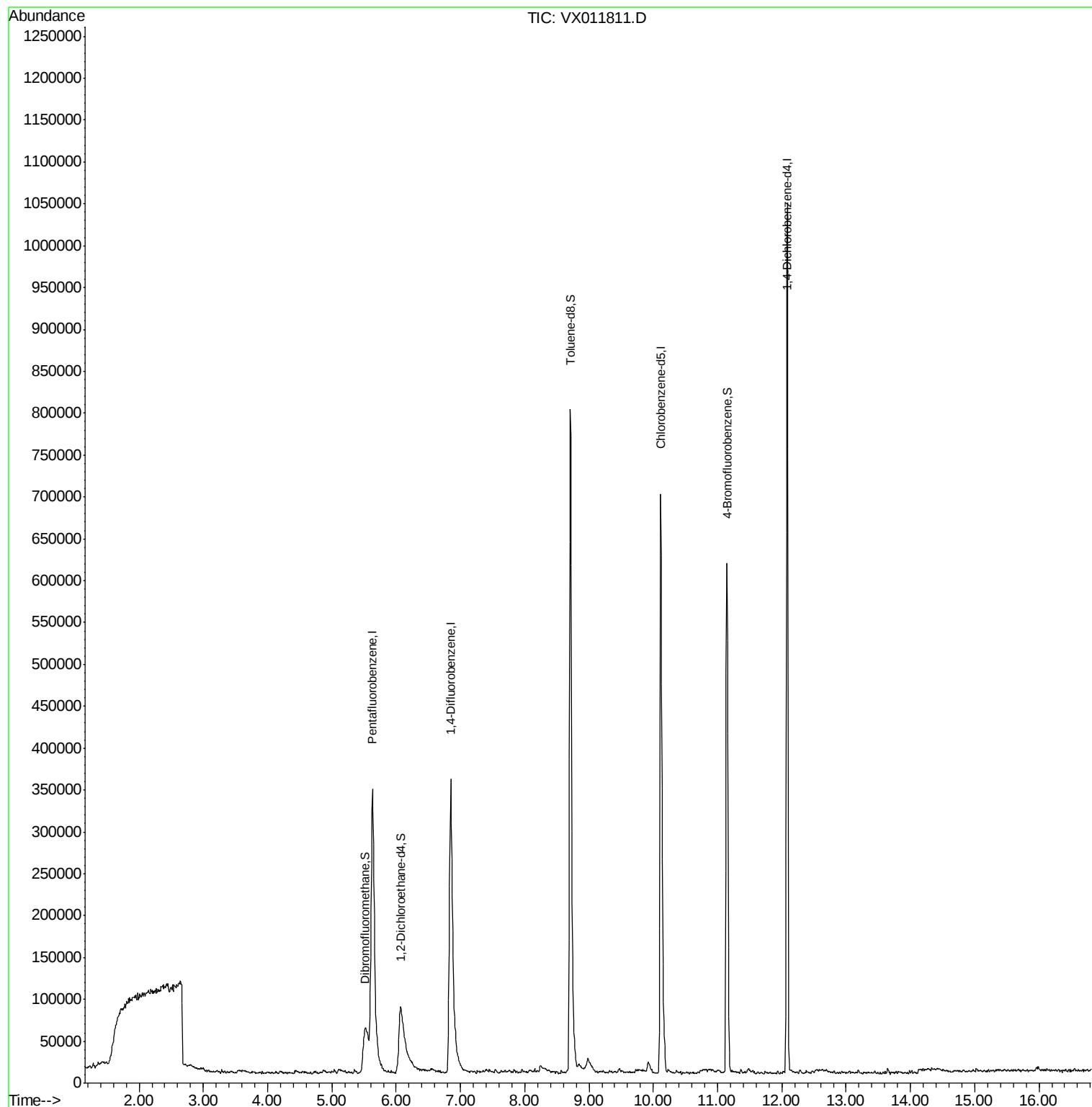
Target Compounds	Qvalue
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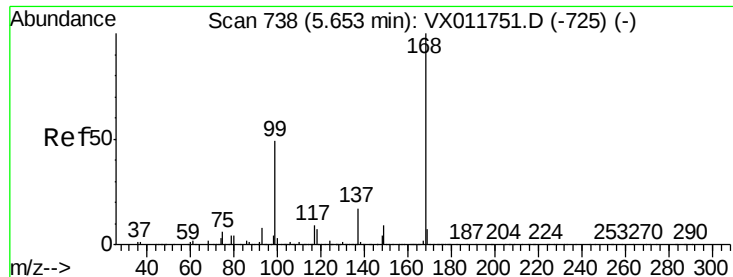
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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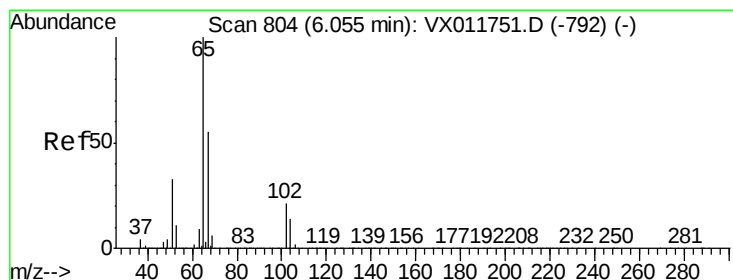
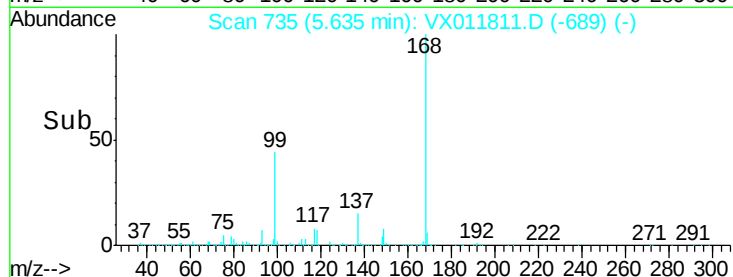
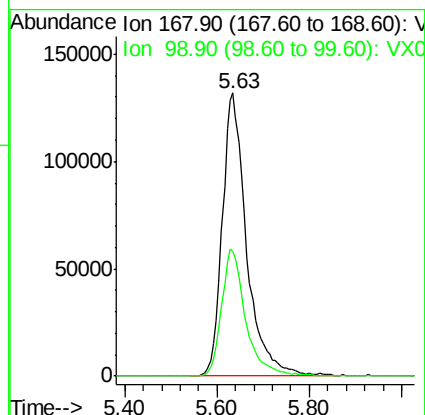
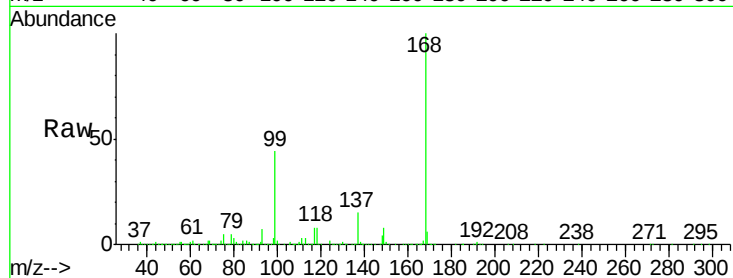


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: VX011811.D
 Acq: 23 Aug 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-082219

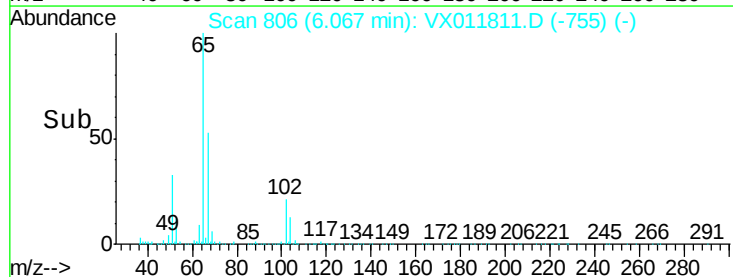
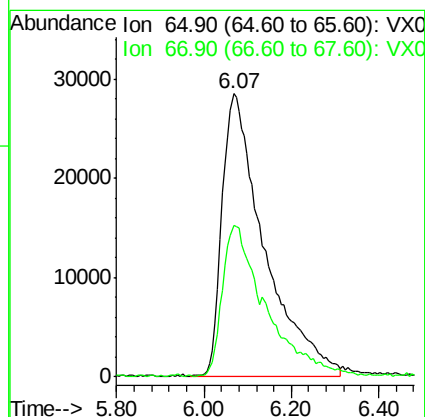
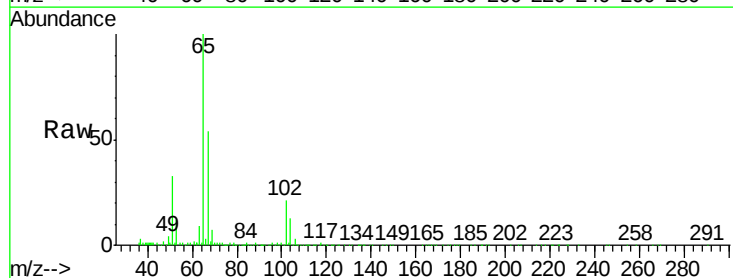
Tot Ion:168 Resp: 483083
 Ion Ratio Lower Upper
 168 100
 99 44.1 39.4 59.2

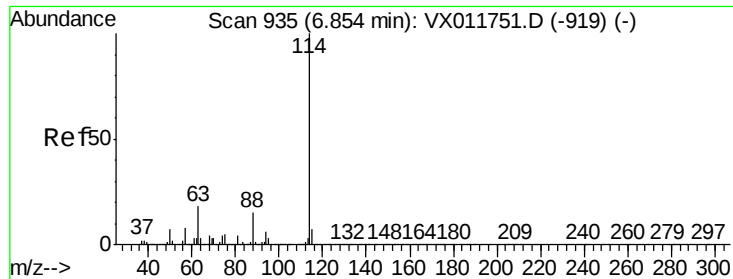


#33

1,2-Dichloroethane-d4
 Concen: 39.649 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX011811.D
 Acq: 23 Aug 2019 20:22

Tgt Ion: 65 Resp: 192411
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011811.D

Acq: 23 Aug 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

TB-02-082219

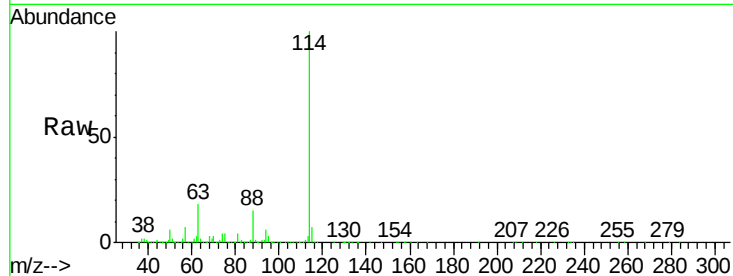
Tot Ion:114 Resp: 639875

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

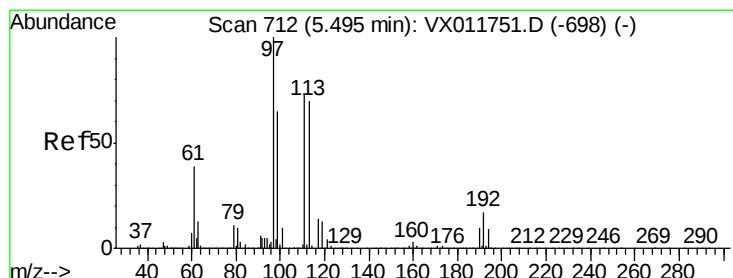
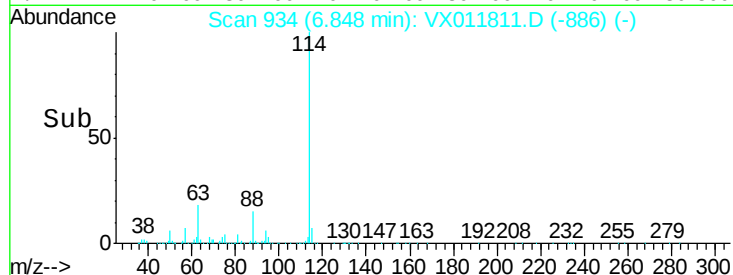
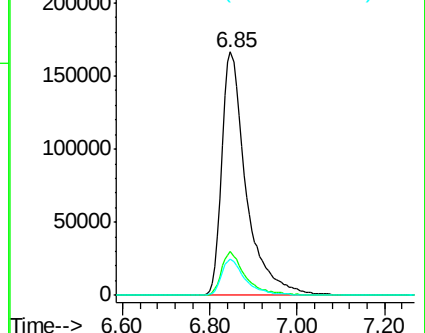
88 14.9 0.0 30.2



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: 28.519 ug/l

RT: 5.52 min Scan# 716

Delta R.T. 0.02 min

Lab File: VX011811.D

Acq: 23 Aug 2019 20:22

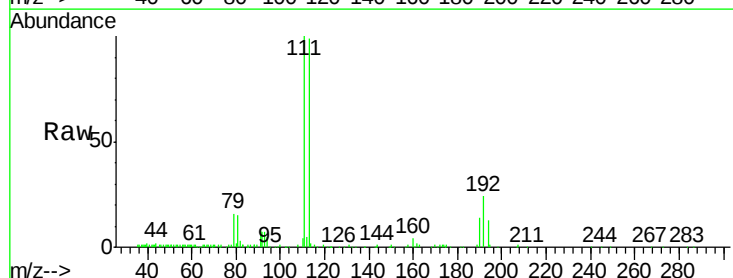
Tgt Ion:113 Resp: 118003

Ion Ratio Lower Upper

113 100

111 97.7 81.0 121.4

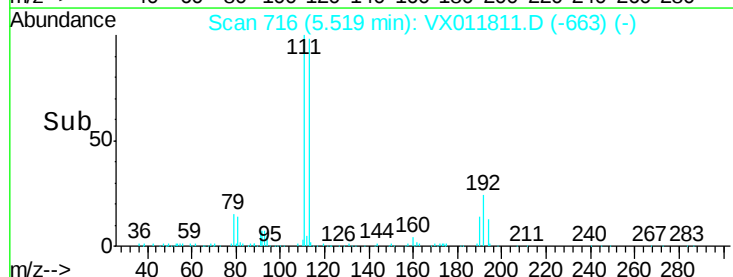
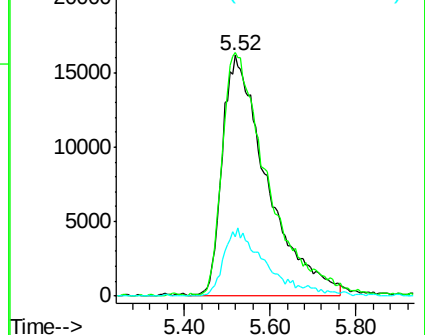
192 23.0 19.9 29.9

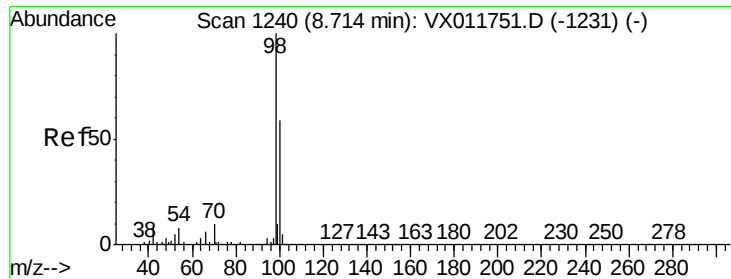


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.307 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011811.D

Acq: 23 Aug 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

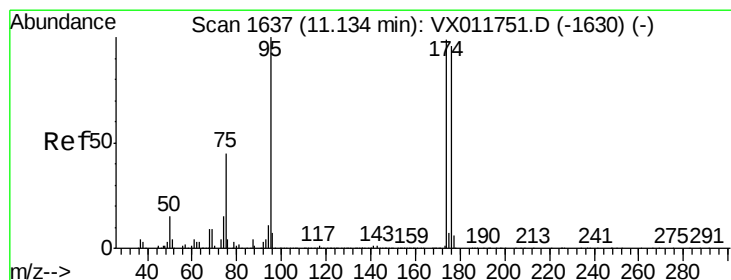
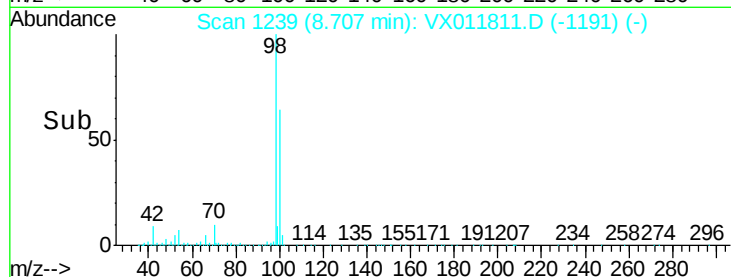
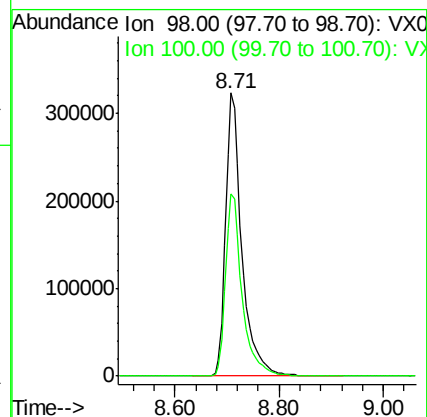
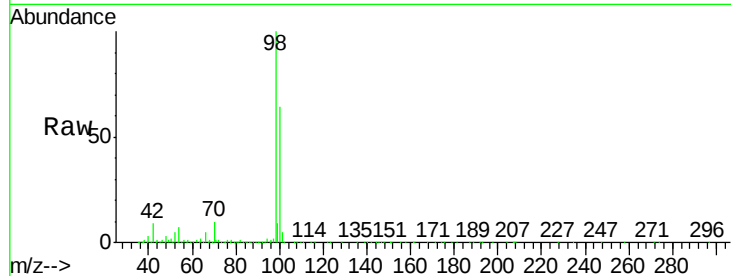
TB-02-082219

Tot Ion: 98 Resp: 711618

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.273 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX011811.D

Acq: 23 Aug 2019 20:22

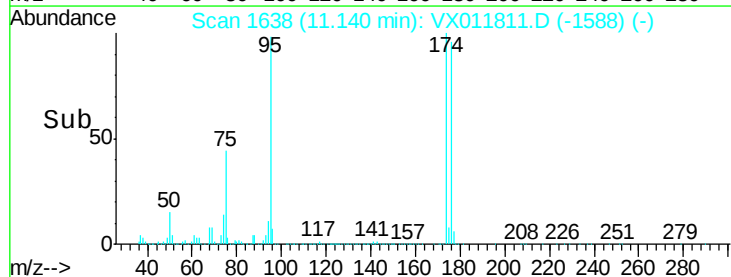
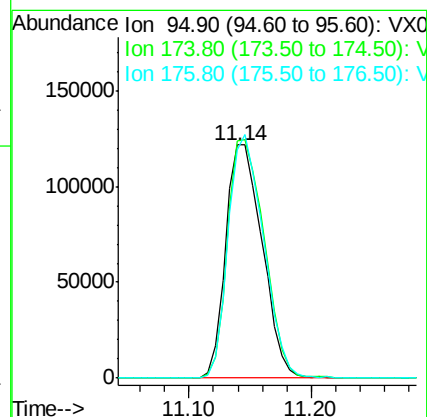
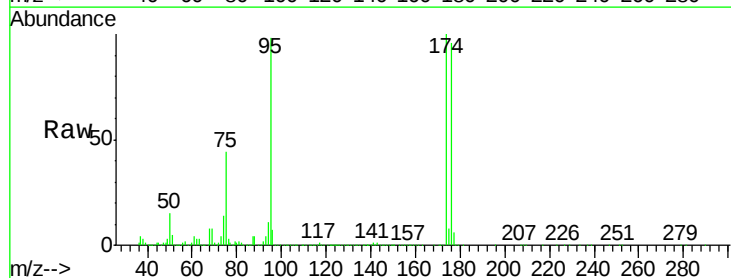
Tgt Ion: 95 Resp: 252558

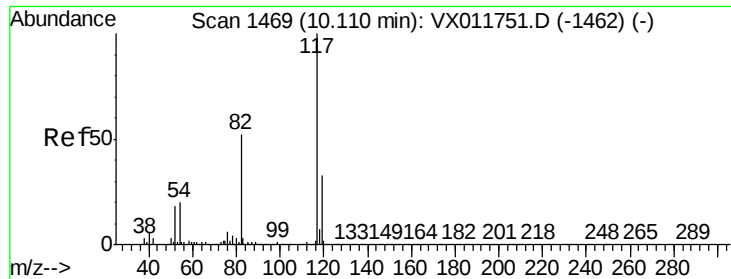
Ion Ratio Lower Upper

95 100

174 102.7 0.0 197.4

176 100.9 0.0 194.4

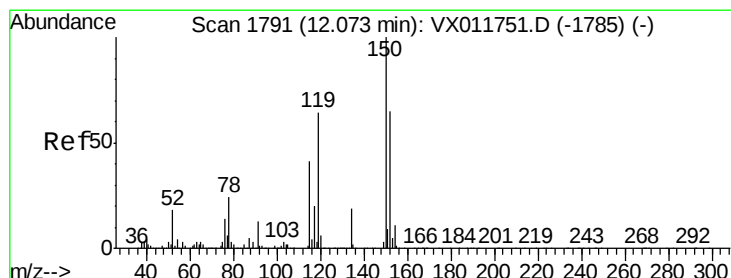
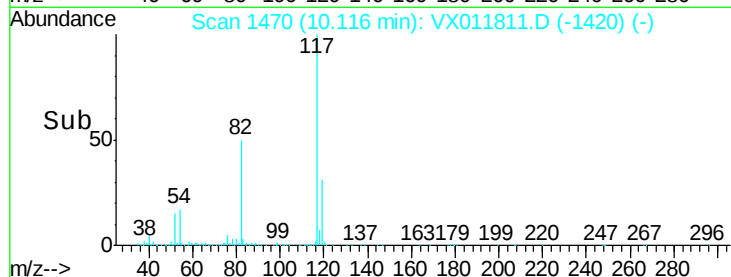
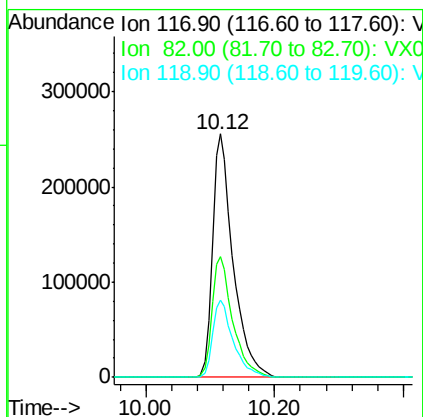
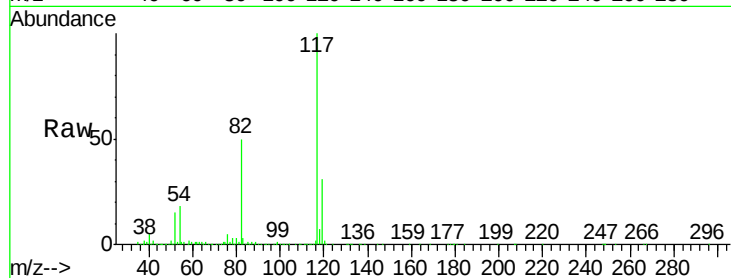




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX011811.D
Acq: 23 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
TB-02-082219

Tot Ion:117 Resp: 571846
Ion Ratio Lower Upper
117 100
82 49.6 41.7 62.5
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX011811.D
Acq: 23 Aug 2019 20:22

Tgt Ion:152 Resp: 292900
Ion Ratio Lower Upper
152 100
115 51.6 37.3 111.8
150 155.9 0.0 343.0

