

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011801.D
 Acq On : 23 Aug 2019 16:27
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 26 03:25:53 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	483586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	639045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	570299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	287331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	195194	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
35) Dibromofluoromethane	5.49	113	187394	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
50) Toluene-d8	8.71	98	701600	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	254268	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	

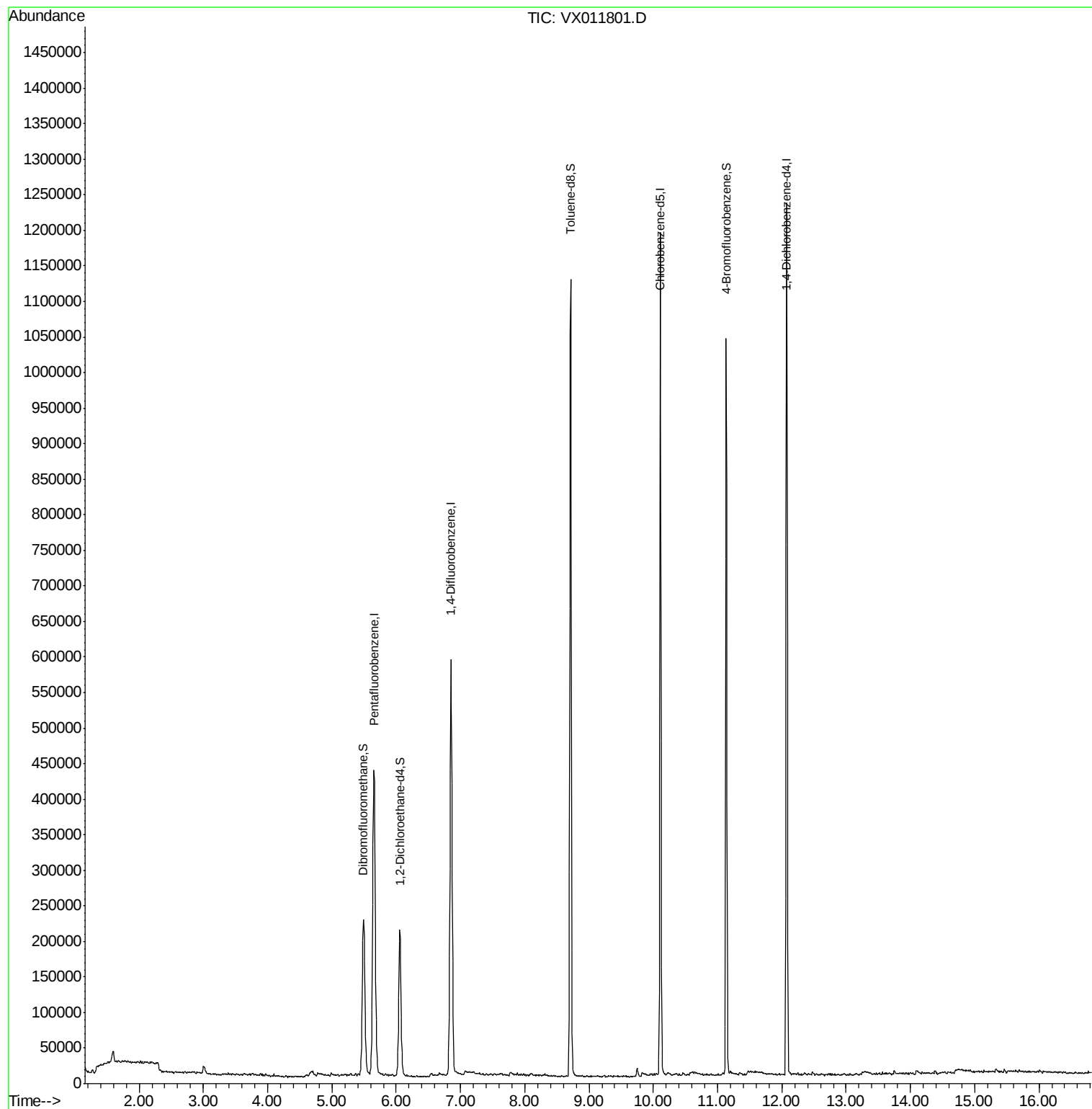
Target Compounds	Qvalue
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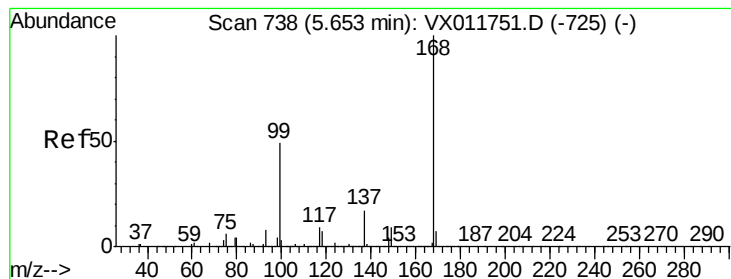
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011801.D

Acq: 23 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

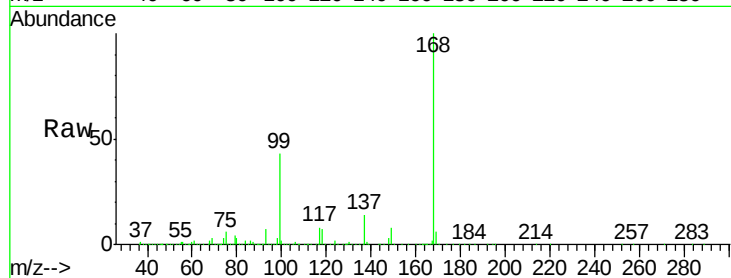
IBLK

Tot Ion:168 Resp: 483586

Ion Ratio Lower Upper

168 100

99 43.1 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

200000

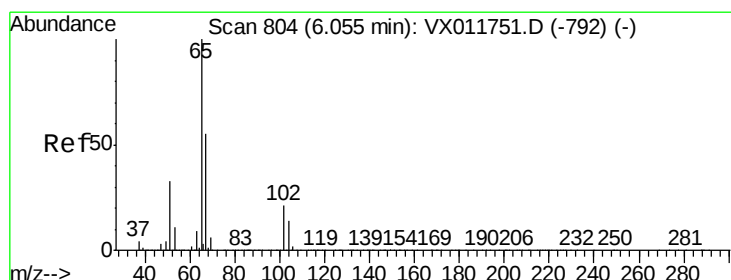
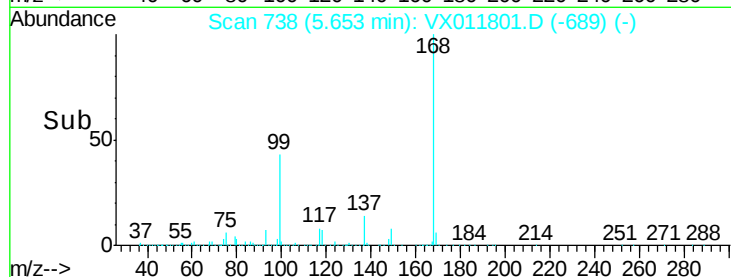
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.181 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011801.D

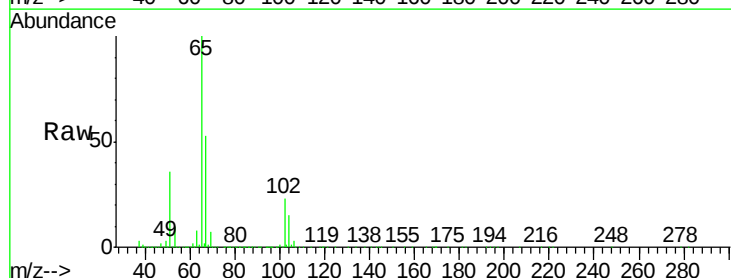
Acq: 23 Aug 2019 16:27

Tgt Ion: 65 Resp: 195194

Ion Ratio Lower Upper

65 100

67 53.3 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

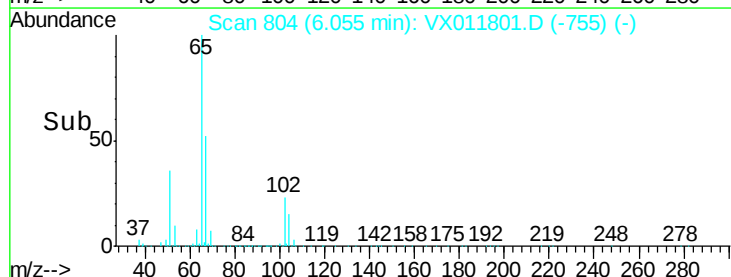
60000

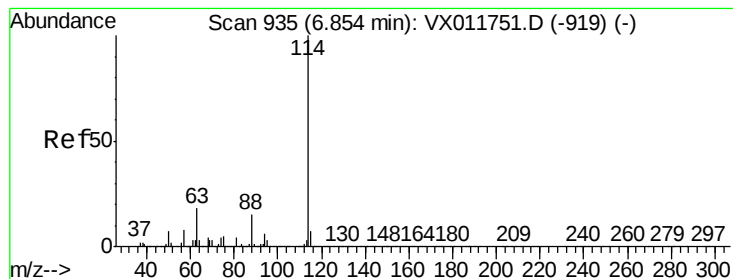
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011801.D

Acq: 23 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

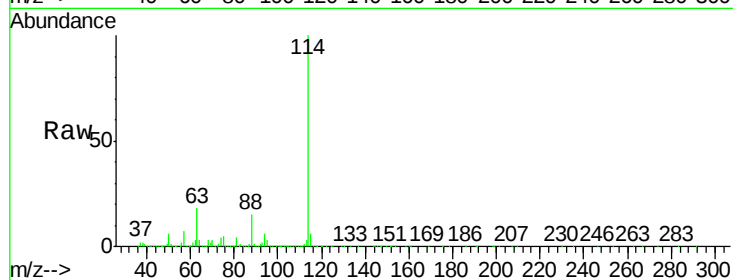
Tot Ion:114 Resp: 639045

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

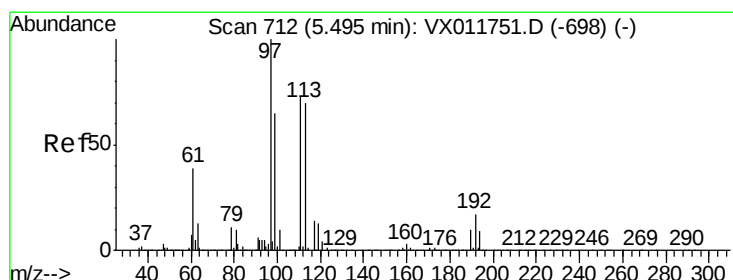
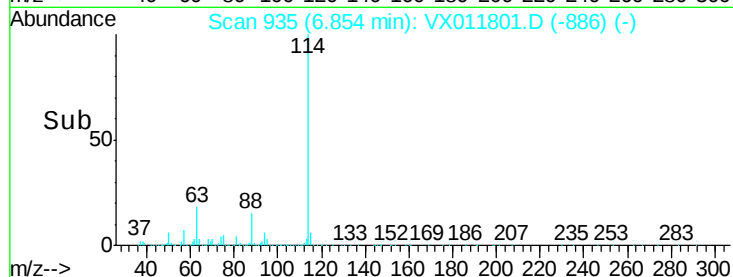
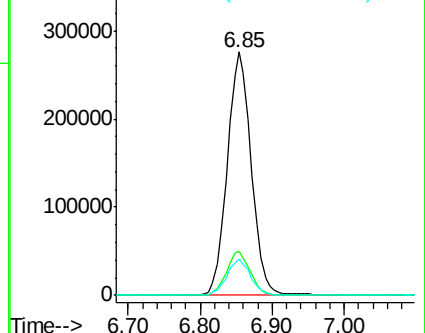
88 14.9 0.0 30.2



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: 45.348 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011801.D

Acq: 23 Aug 2019 16:27

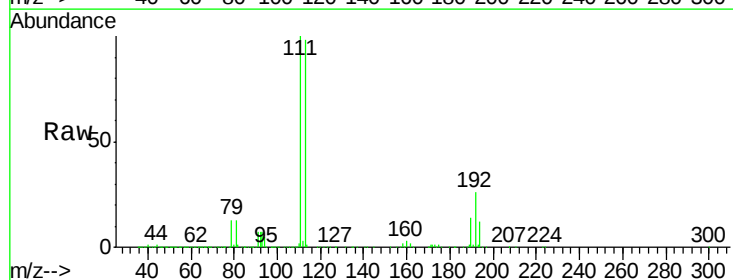
Tgt Ion:113 Resp: 187394

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

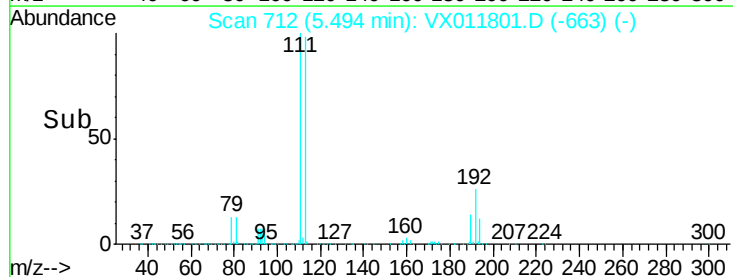
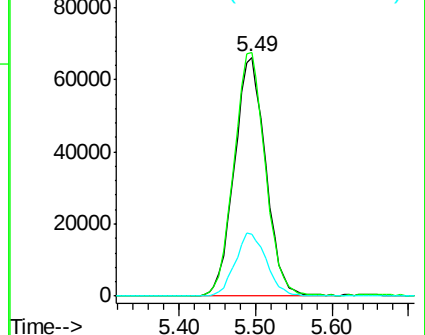
192 26.6 19.9 29.9

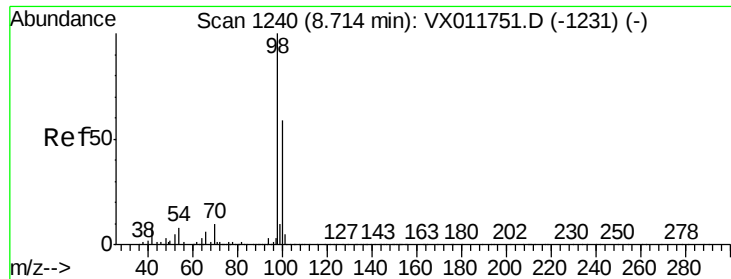


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.676 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011801.D

Acq: 23 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

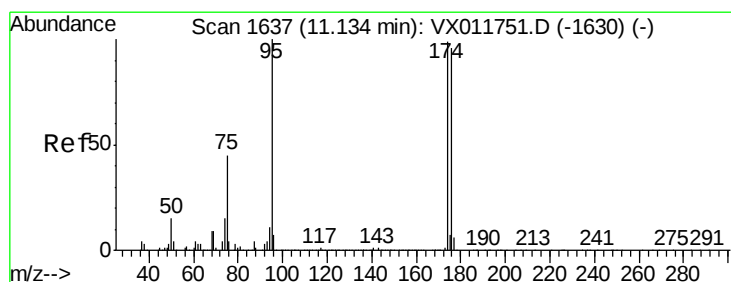
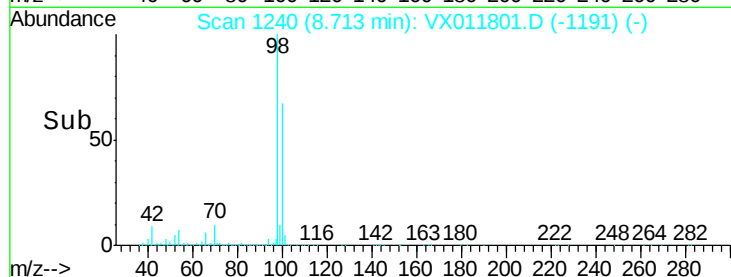
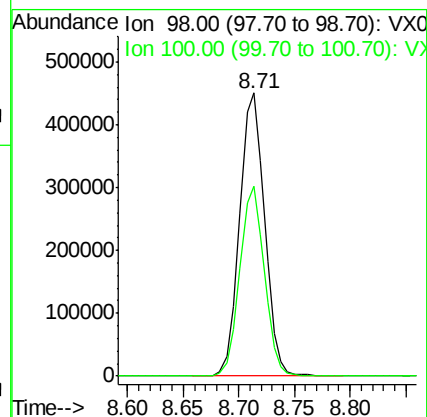
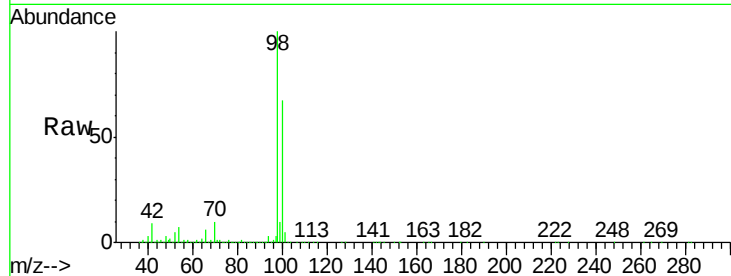
IBLK

Tot Ion: 98 Resp: 701600

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.631 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011801.D

Acq: 23 Aug 2019 16:27

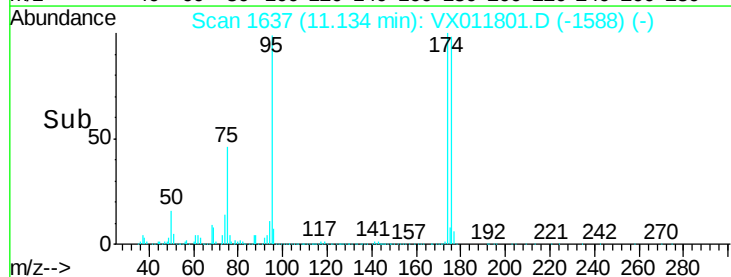
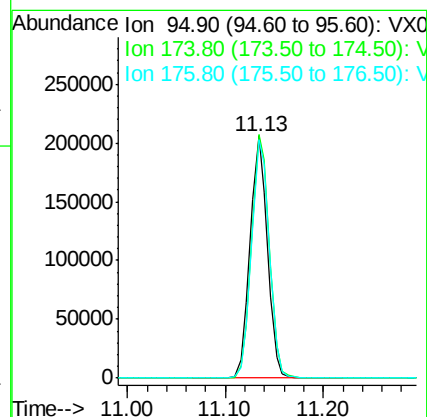
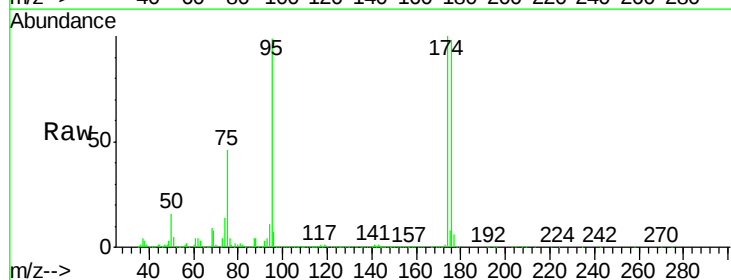
Tgt Ion: 95 Resp: 254268

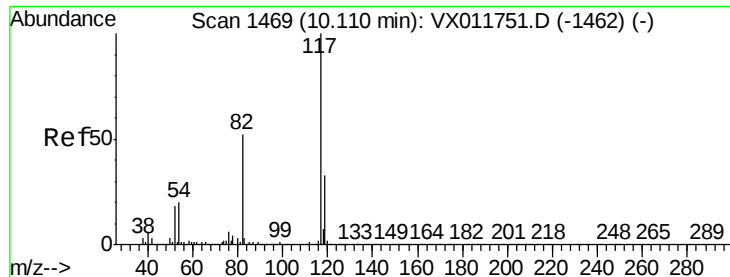
Ion Ratio Lower Upper

95 100

174 102.7 0.0 197.4

176 100.7 0.0 194.4

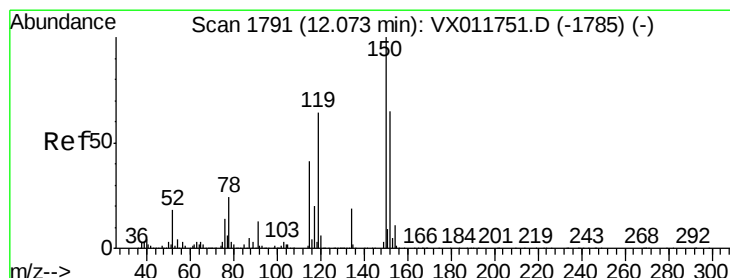
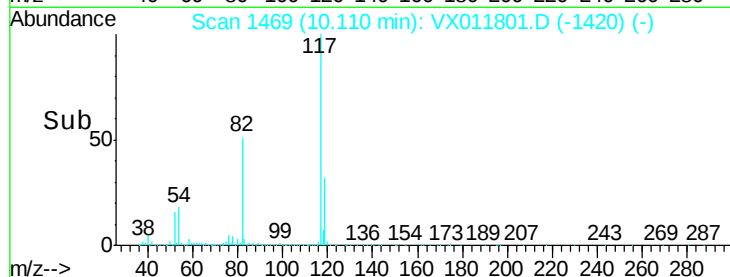
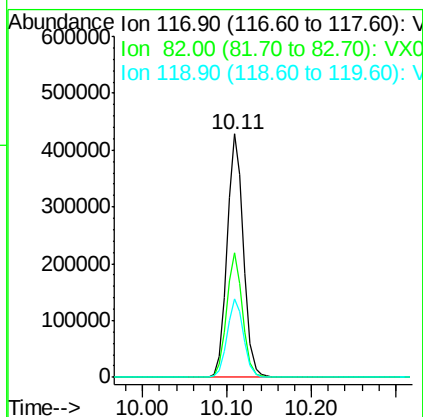
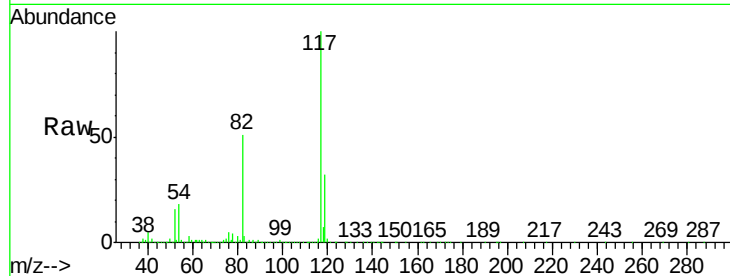




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011801.D
Acq: 23 Aug 2019 16:27

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.7	62.5
119	32.5	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: VX011801.D
Acq: 23 Aug 2019 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	37.3	111.8
150	156.7	0.0	343.0

