

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007847.D
 Acq On : 05 Mar 2019 19:41
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 06 01:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	296634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	462082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207700	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	164234	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	
35) Dibromofluoromethane	5.51	113	155259	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	8.71	98	555982	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.13	95	202078	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	

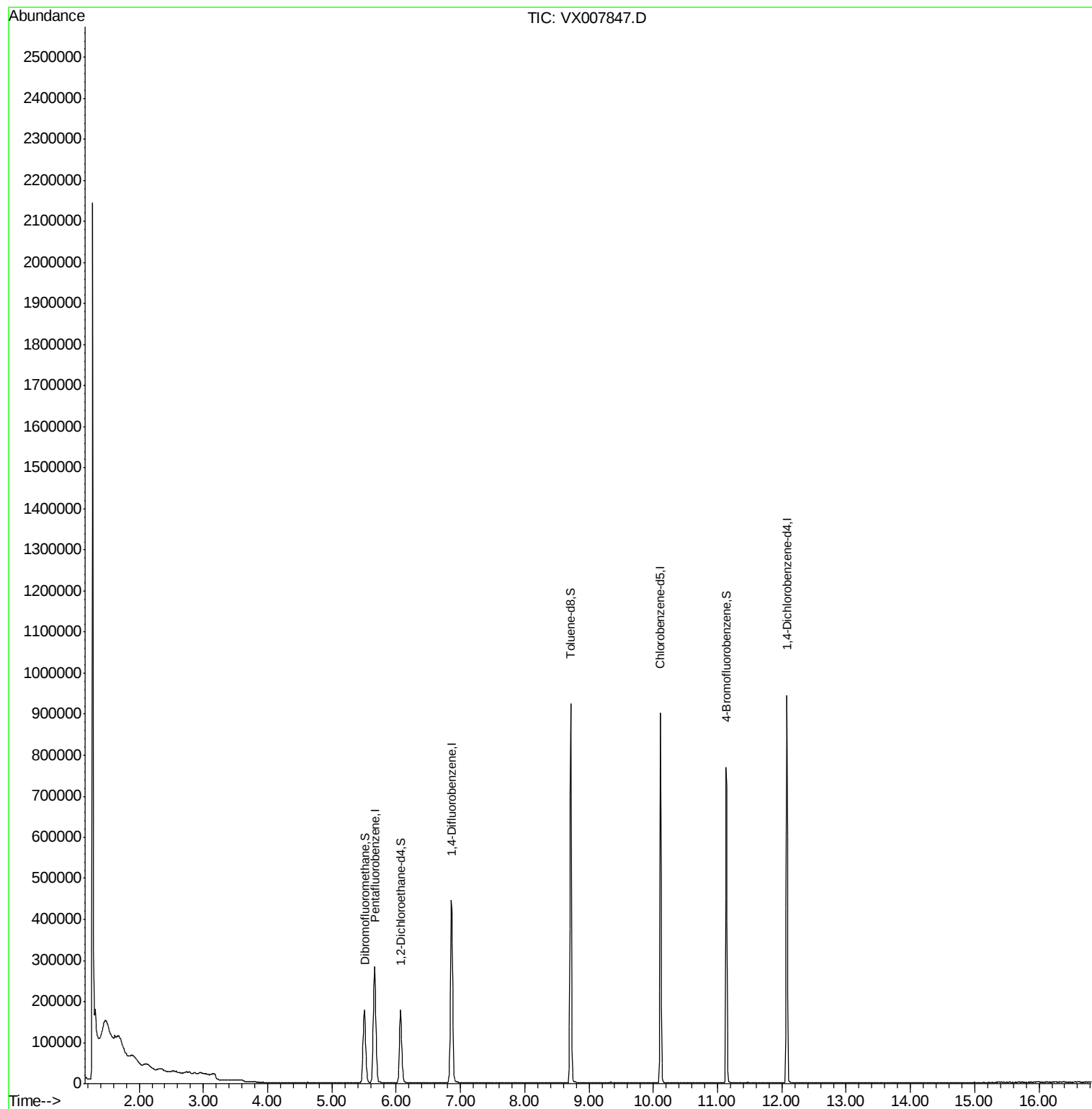
Target Compounds	Qvalue
------------------	--------

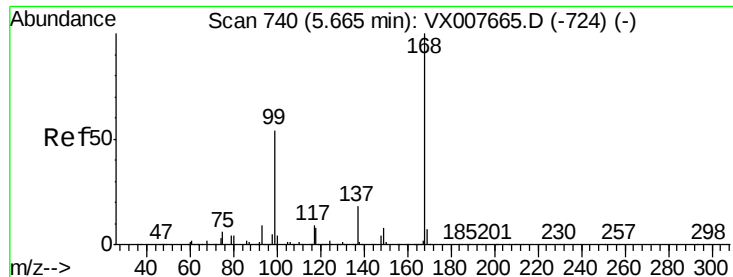
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030519\
Data File : VX007847.D
Acq On : 05 Mar 2019 19:41
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Mar 06 01:10:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007847.D

Acq: 05 Mar 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

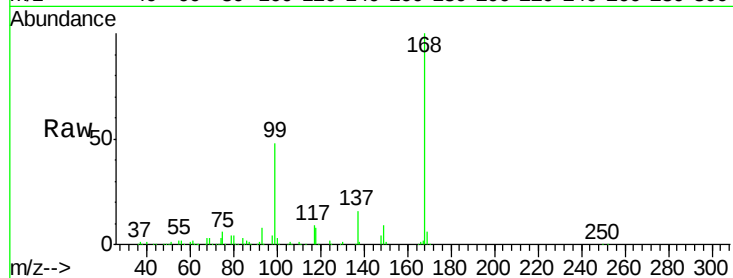
IBLK

Tot Ion:168 Resp: 296634

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

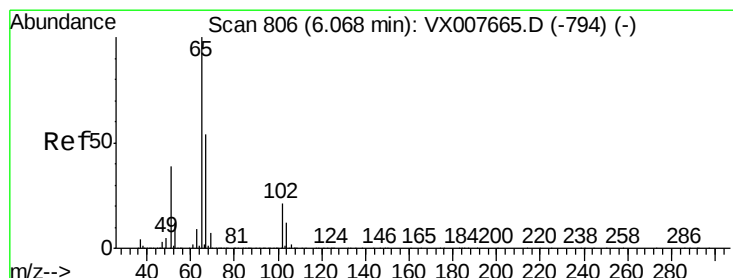
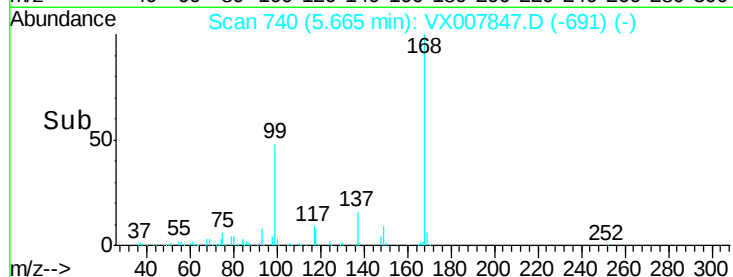
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.697 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007847.D

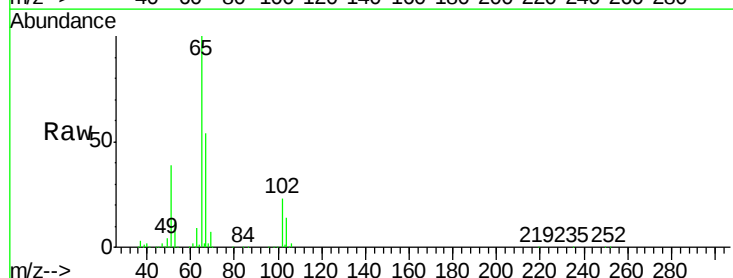
Acq: 05 Mar 2019 19:41

Tgt Ion: 65 Resp: 164234

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

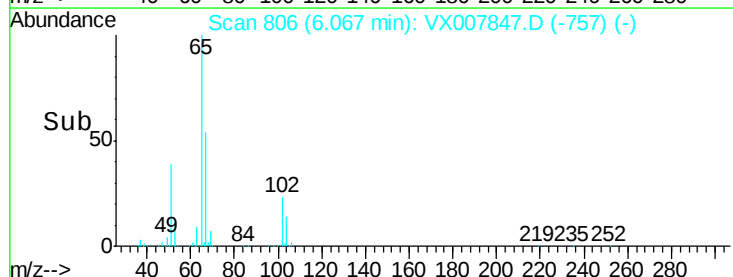
60000

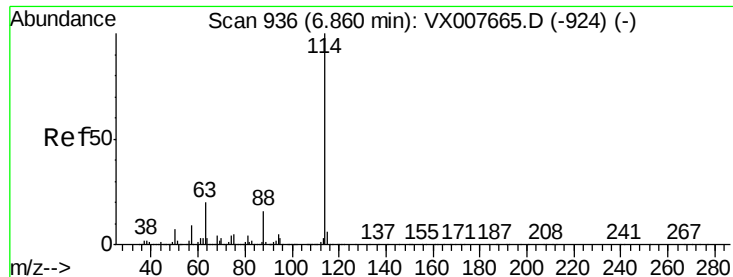
40000

20000

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: VX007847.D

Acq: 05 Mar 2019 19:41

Instrument :

MSVOA_X

ClientSampled :

IBLK

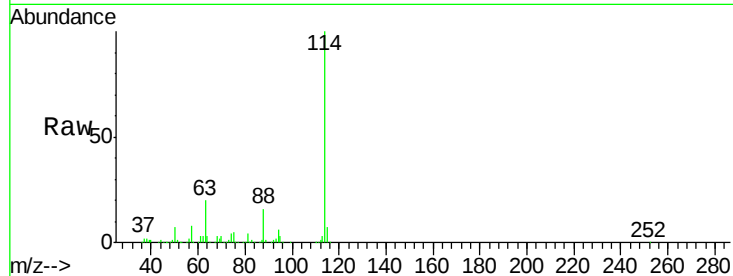
Tot Ion:114 Resp: 462082

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

88 15.8 0.0 29.6



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

250000

200000

150000

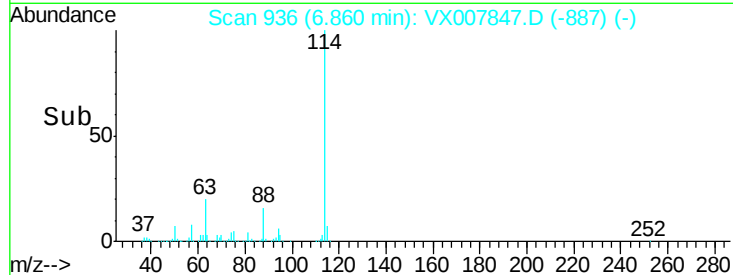
100000

50000

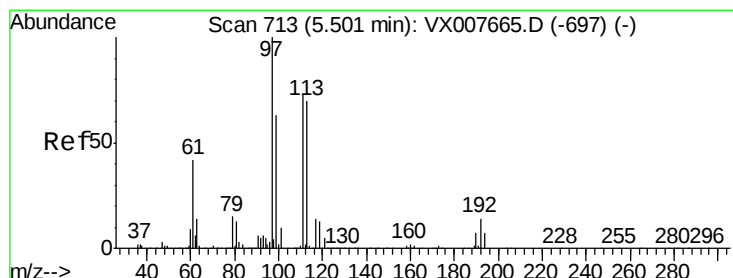
0

6.86

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 50.264 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007847.D

Acq: 05 Mar 2019 19:41

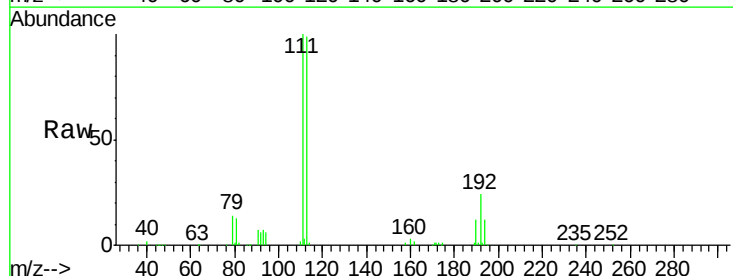
Tgt Ion:113 Resp: 155259

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

192 24.1 18.5 27.7



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

60000

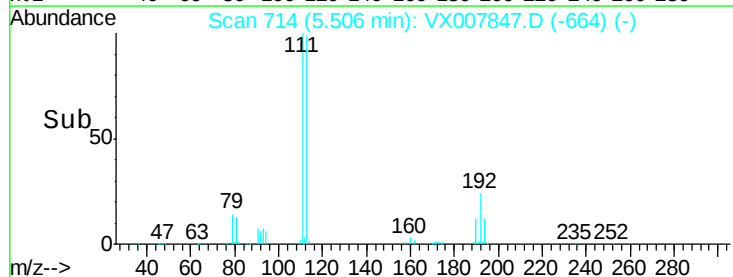
40000

20000

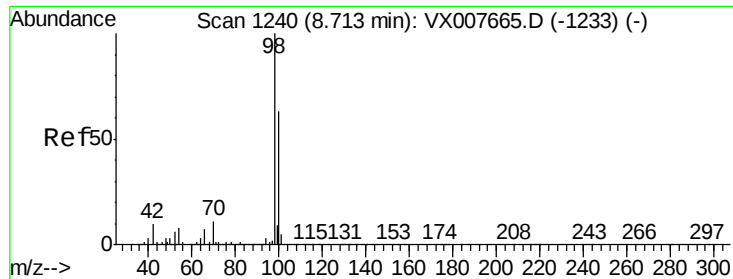
0

5.51

5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 47.016 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007847.D

Acq: 05 Mar 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

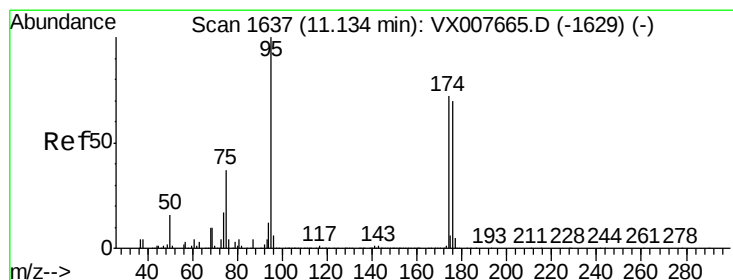
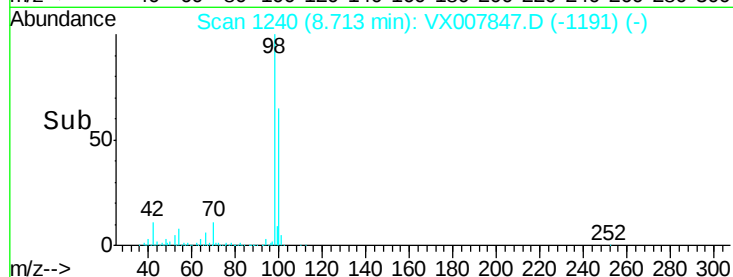
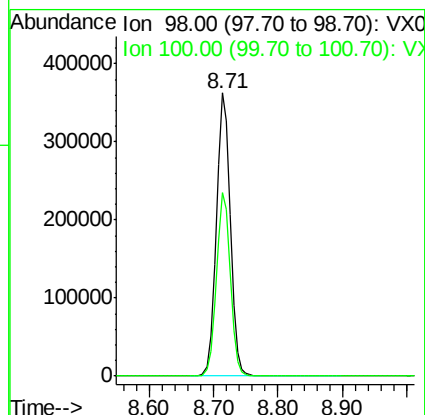
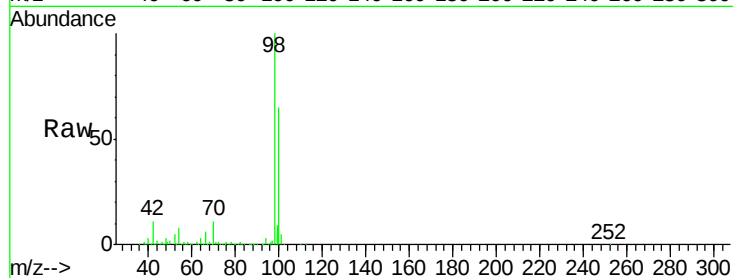
IBLK

Tot Ion: 98 Resp: 555982

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.558 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007847.D

Acq: 05 Mar 2019 19:41

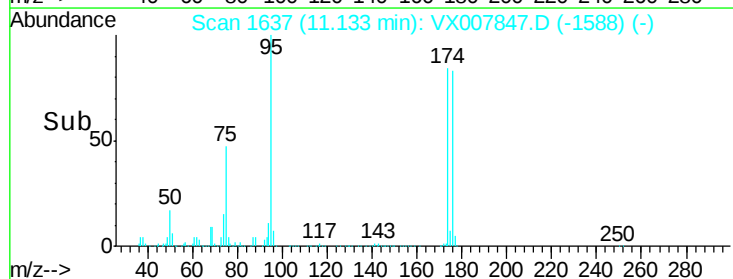
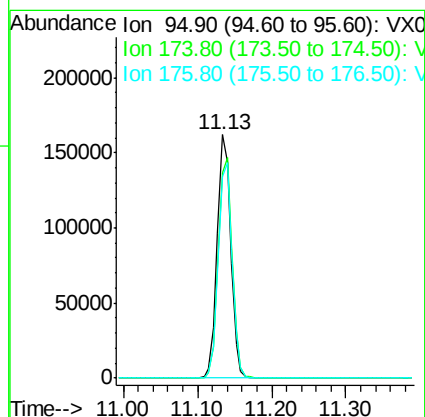
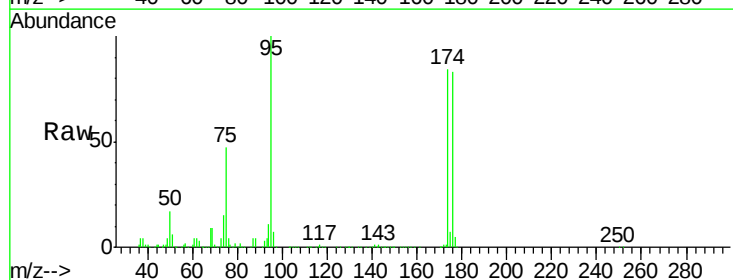
Tgt Ion: 95 Resp: 202078

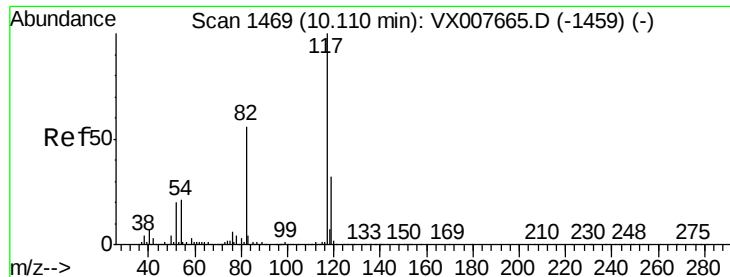
Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

176 90.1 0.0 186.2

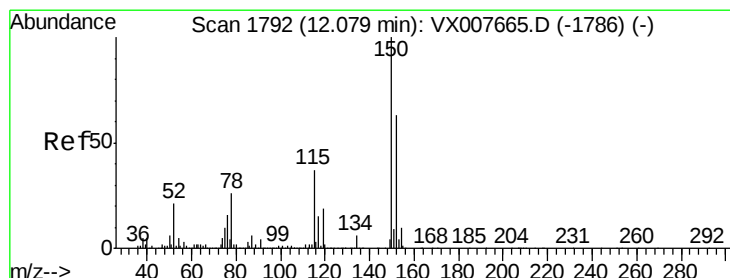
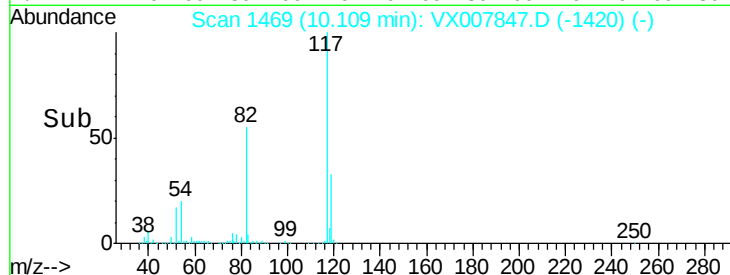
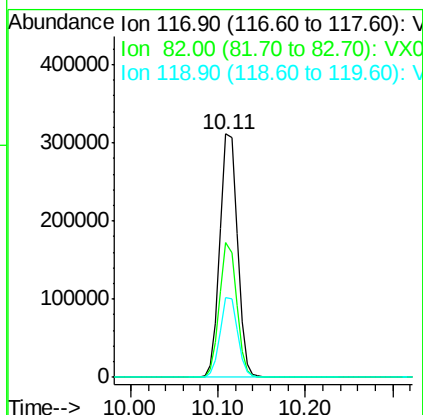
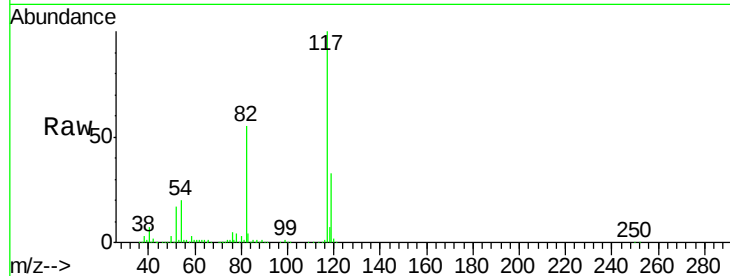




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007847.D
Acq: 05 Mar 2019 19:41

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 430717
Ion Ratio Lower Upper
117 100
82 55.5 42.1 63.1
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007847.D
Acq: 05 Mar 2019 19:41

Tgt Ion:152 Resp: 207700
Ion Ratio Lower Upper
152 100
115 55.2 38.0 114.0
150 156.3 0.0 346.4

