

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007461.D
 Acq On : 11 Feb 2019 12:13
 Operator : JC/SP
 Sample : K1433-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B98TB01-190207

Quant Time: Feb 12 00:39:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	503667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	775214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	729038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	354920	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	270477	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	250824	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	934860	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	333750	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

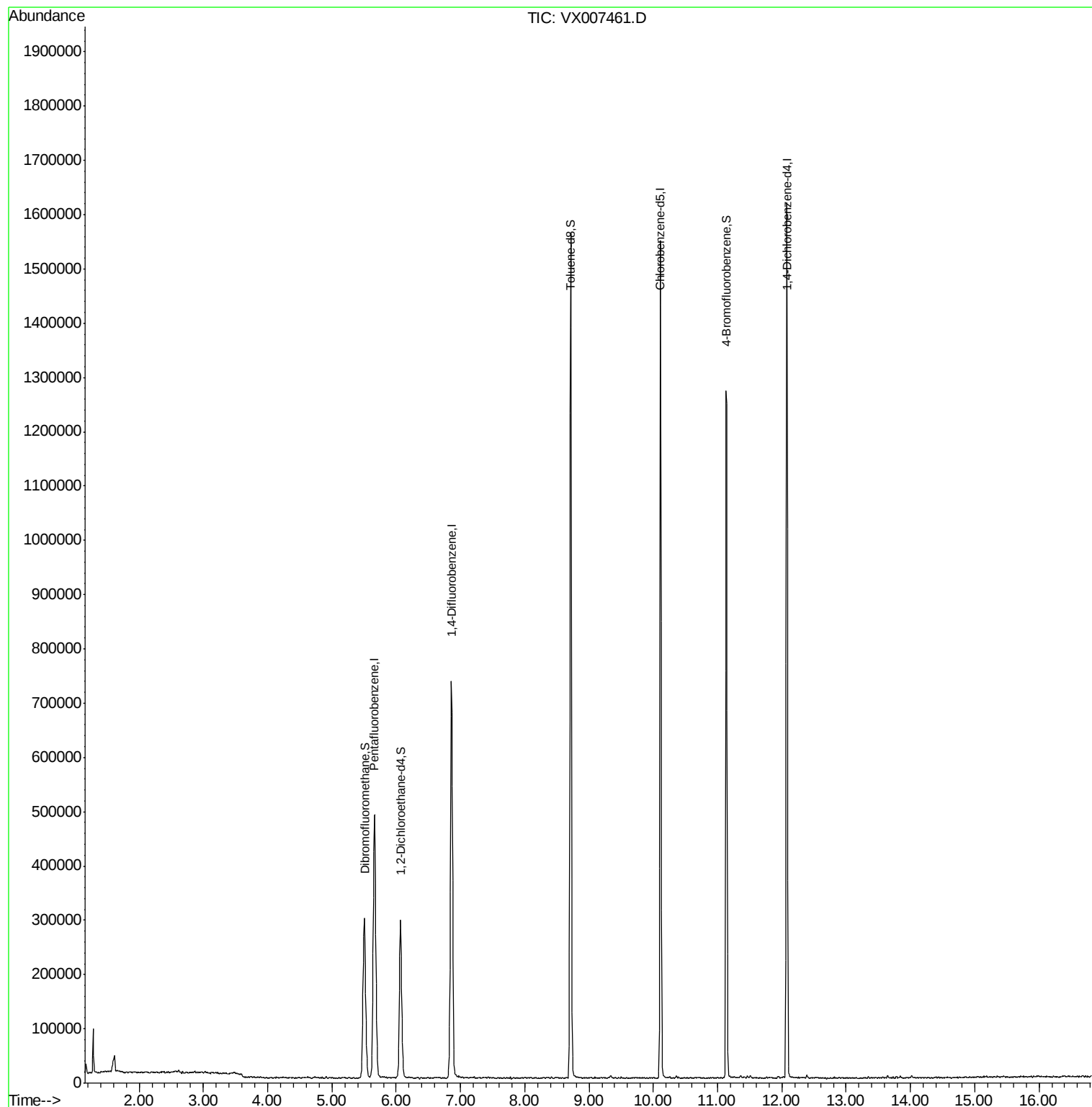
Target Compounds	Qvalue
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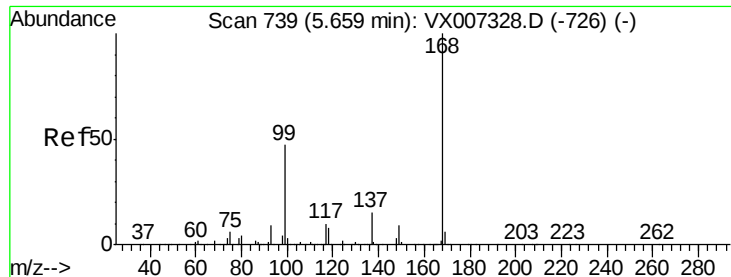
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007461.D

Acq: 11 Feb 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

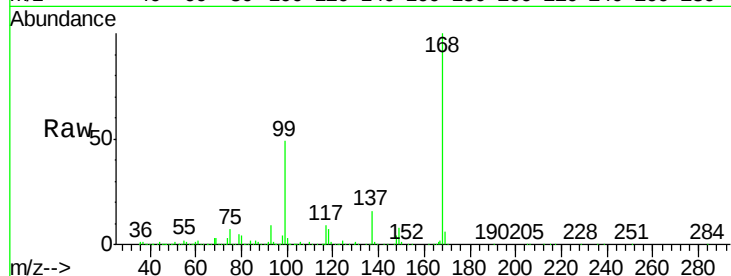
B98TB01-190207

Tot Ion:168 Resp: 503667

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

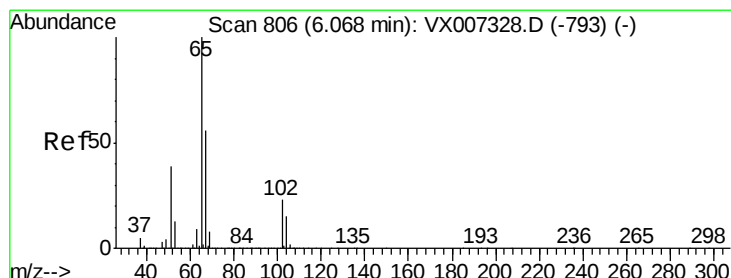
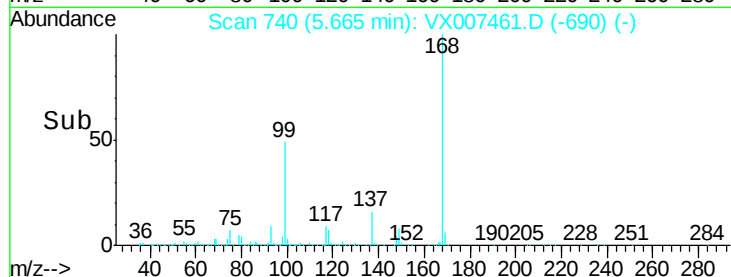
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.594 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007461.D

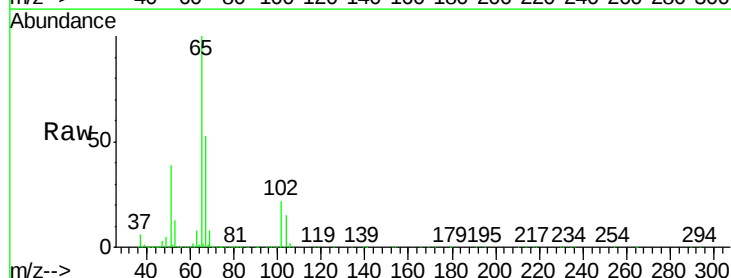
Acq: 11 Feb 2019 12:13

Tgt Ion: 65 Resp: 270477

Ion Ratio Lower Upper

65 100

67 53.2 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

120000

100000

80000

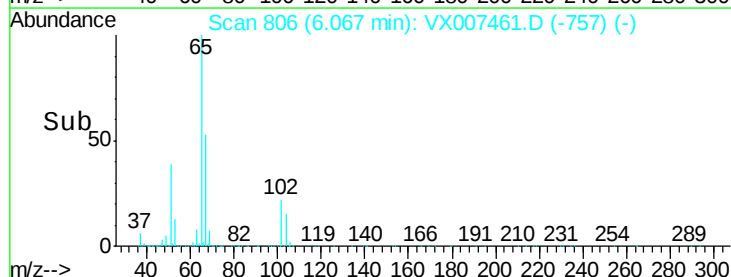
60000

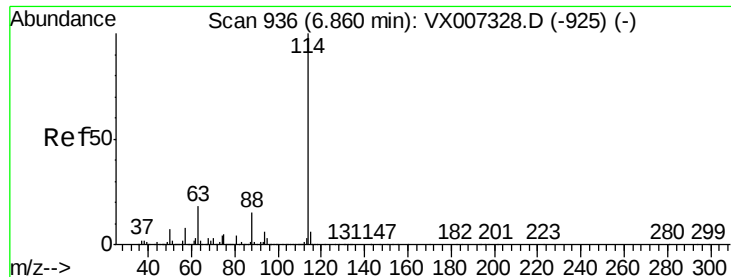
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007461.D

Acq: 11 Feb 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

B98TB01-190207

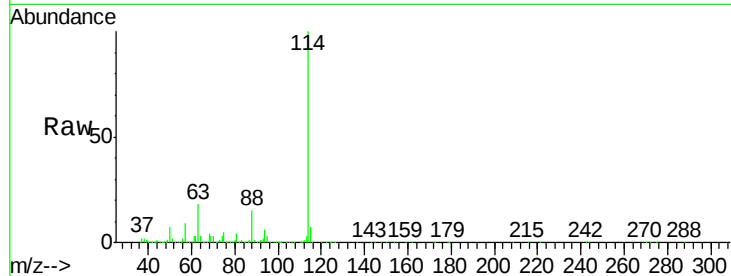
Tot Ion:114 Resp: 775214

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

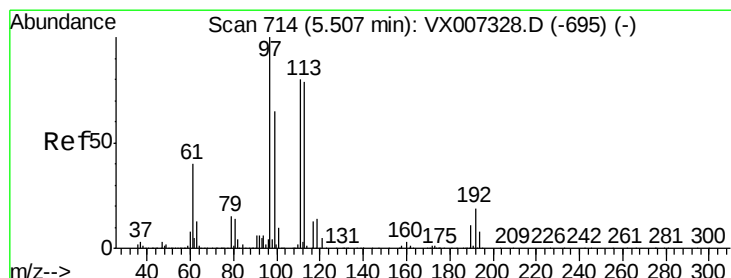
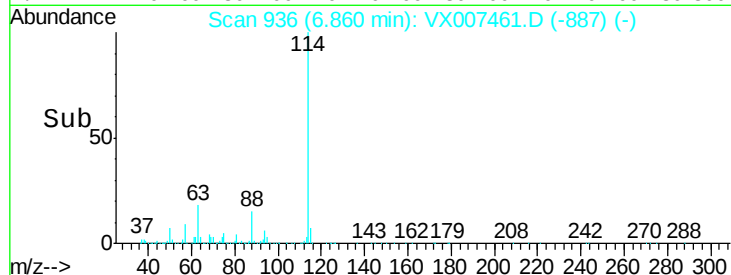
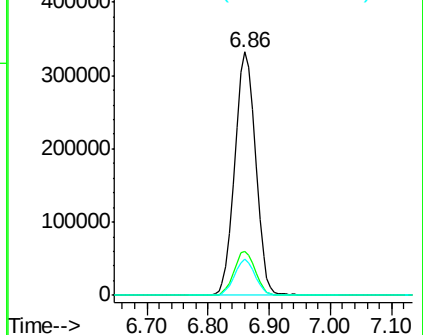
88 14.7 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 49.727 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007461.D

Acq: 11 Feb 2019 12:13

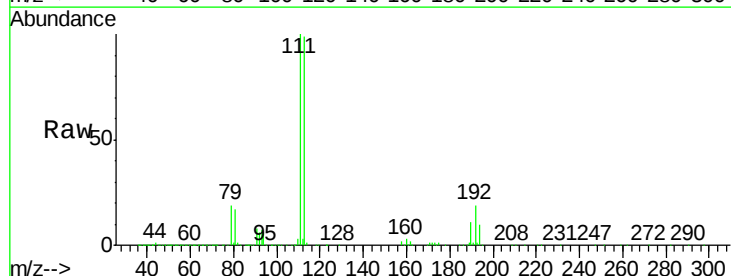
Tgt Ion:113 Resp: 250824

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

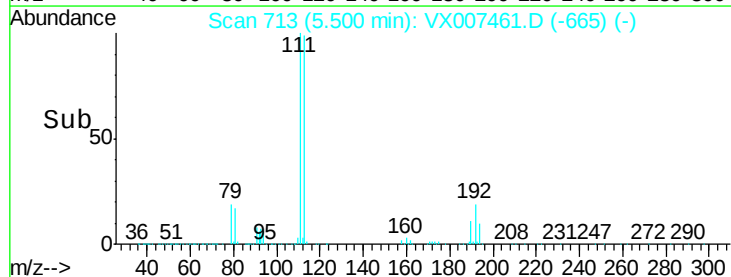
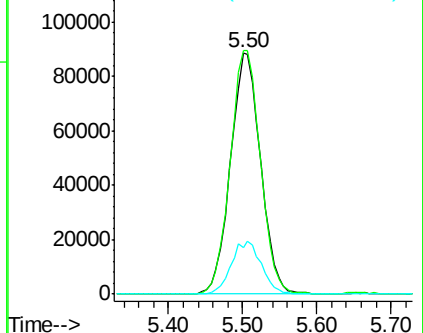
192 22.1 18.5 27.7

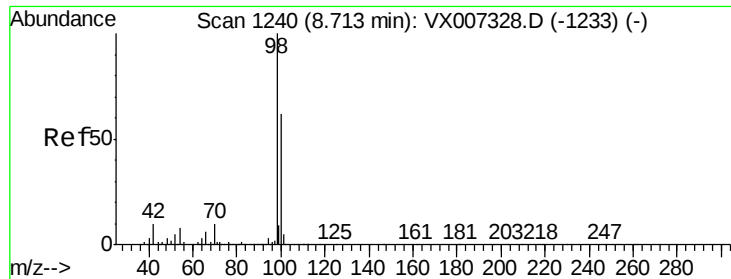


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.954 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007461.D

Acq: 11 Feb 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

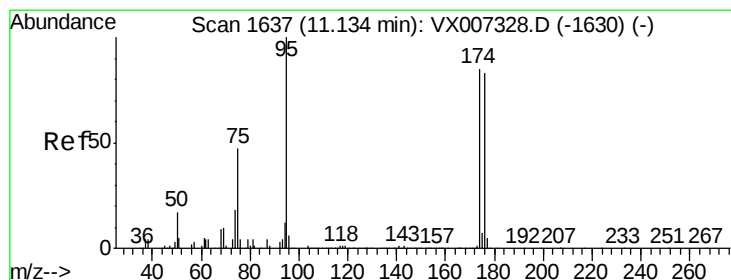
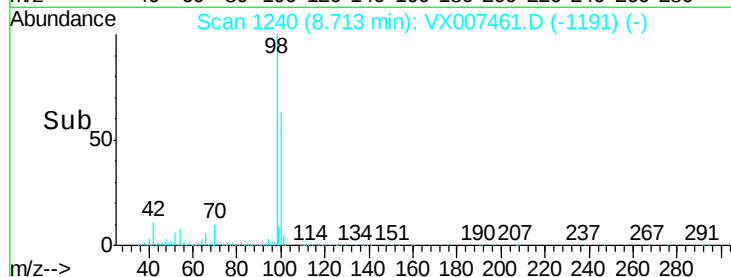
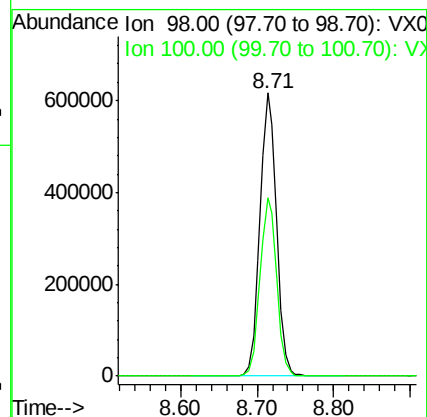
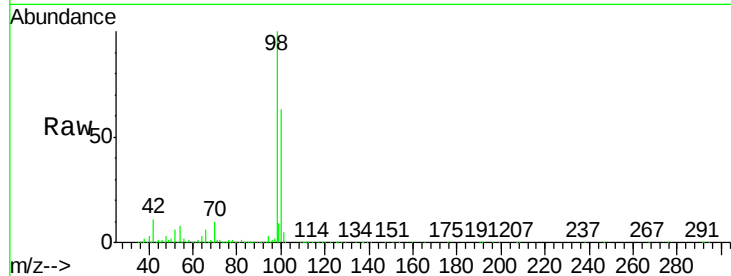
B98TB01-190207

Tot Ion: 98 Resp: 934860

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.847 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007461.D

Acq: 11 Feb 2019 12:13

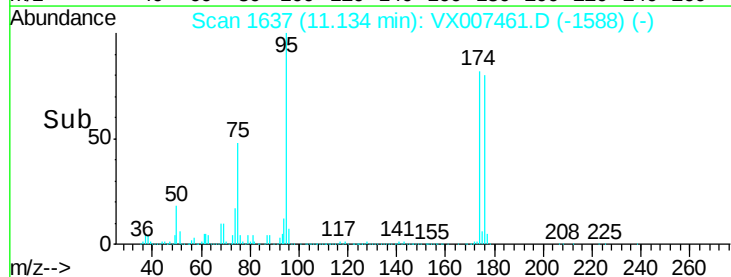
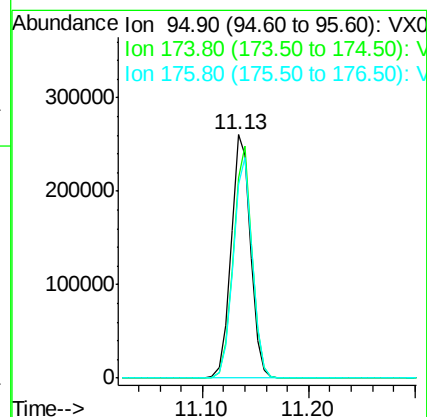
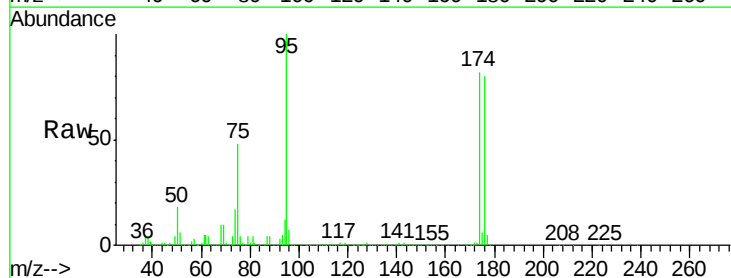
Tgt Ion: 95 Resp: 333750

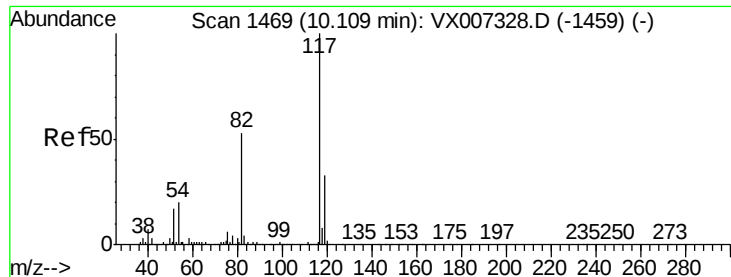
Ion Ratio Lower Upper

95 100

174 91.8 0.0 189.2

176 88.9 0.0 186.2

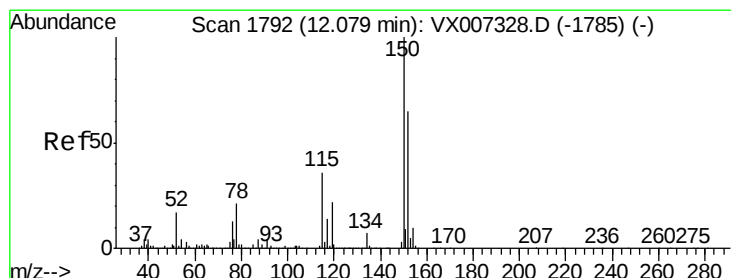
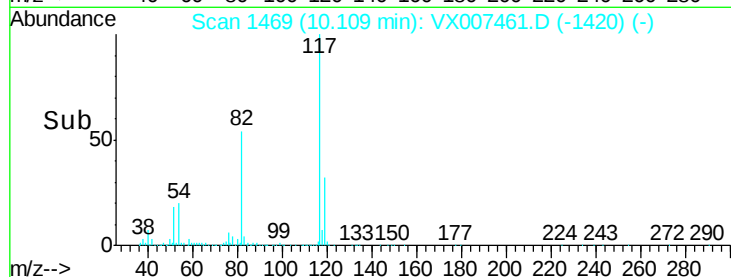
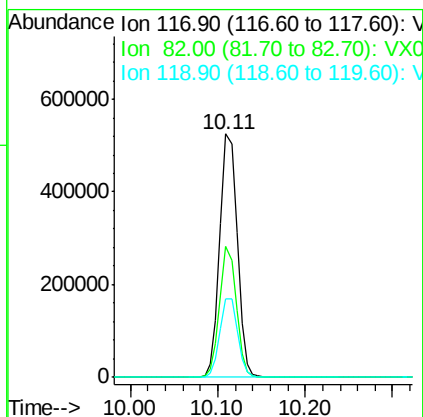
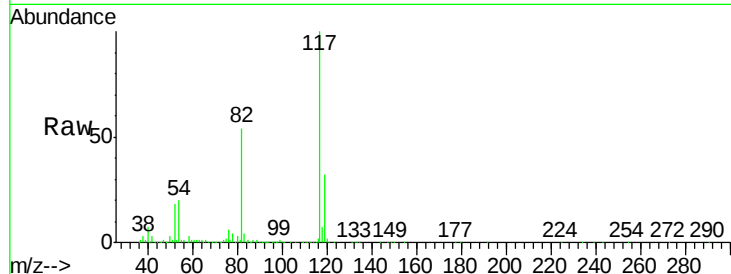




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007461.D
Acq: 11 Feb 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
B98TB01-190207

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.1	63.1
119	32.4	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: VX007461.D
Acq: 11 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.0	114.0
150	156.2	0.0	346.4

