

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006986.D
 Acq On : 10 Jan 2019 13:34
 Operator : JC/MD
 Sample : K1102-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 11 07:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	619901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	950478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	880203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422310	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	329459	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
35) Dibromofluoromethane	5.50	113	296292	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	8.71	98	1127059	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	398547	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	

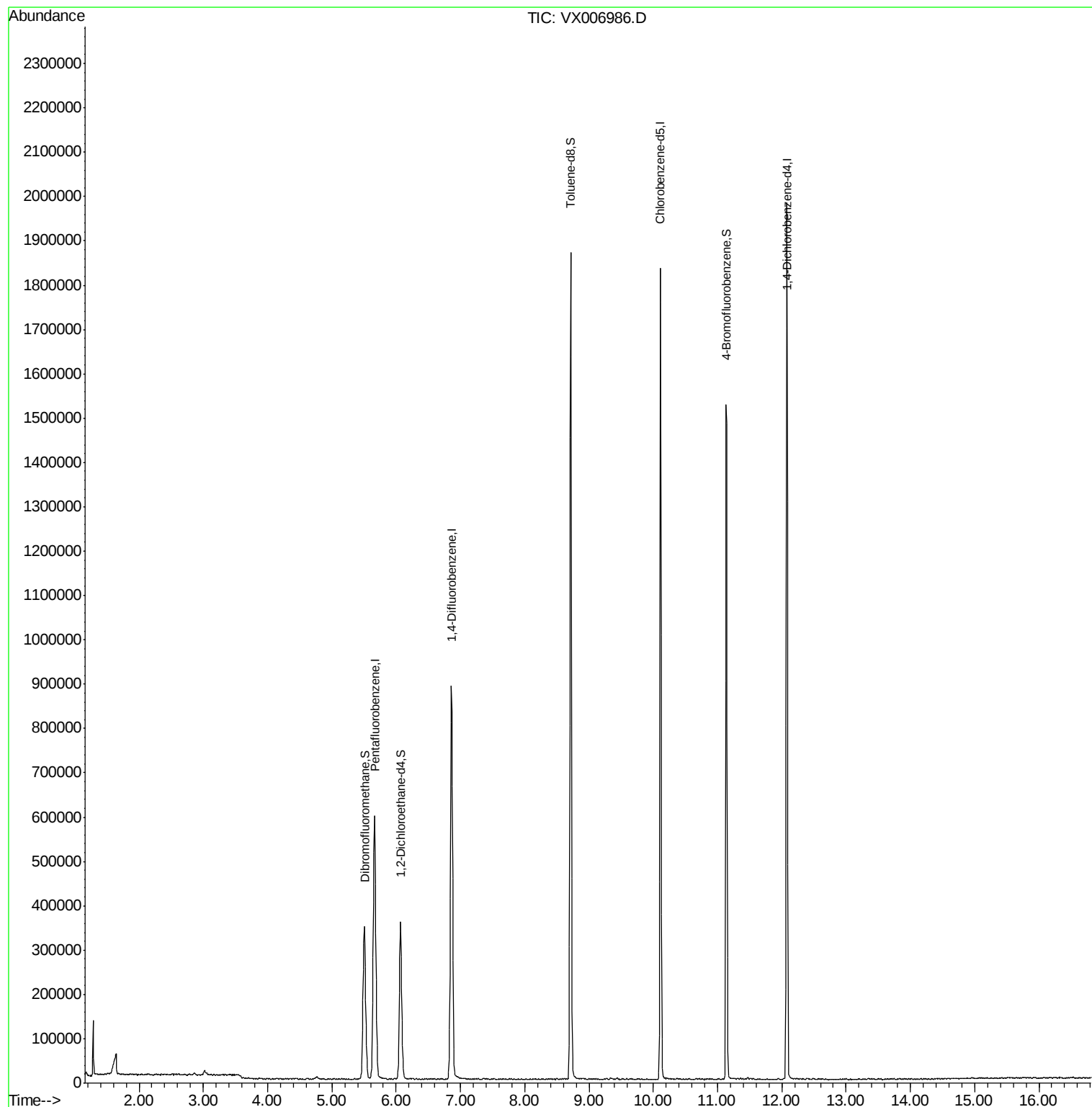
Target Compounds	Qvalue
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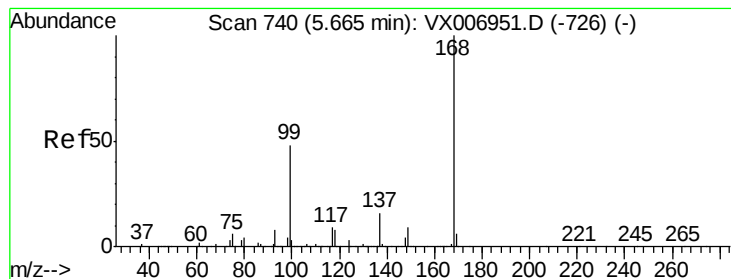
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006986.D

Acq: 10 Jan 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

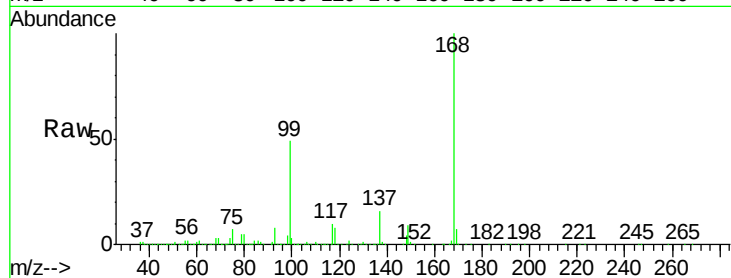
TB

Tot Ion:168 Resp: 619901

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

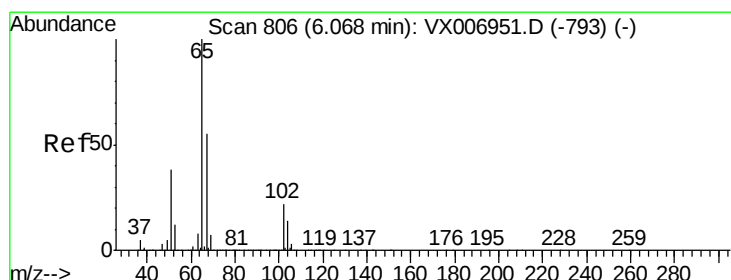
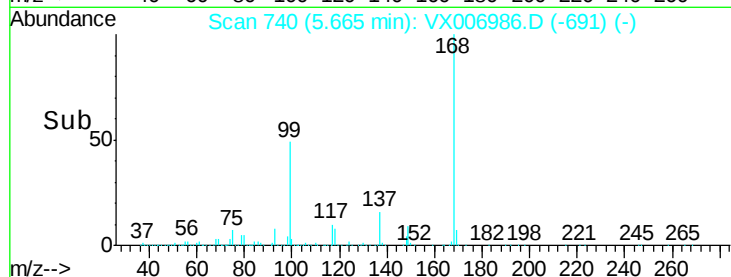
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.854 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006986.D

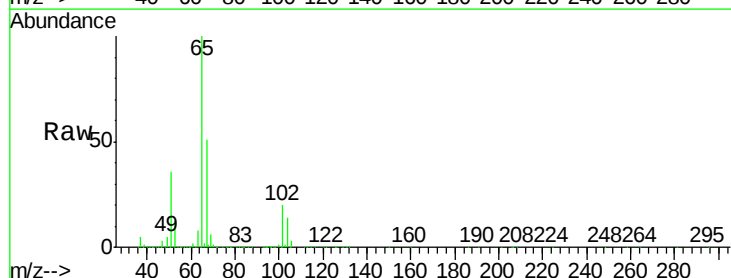
Acq: 10 Jan 2019 13:34

Tgt Ion: 65 Resp: 329459

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

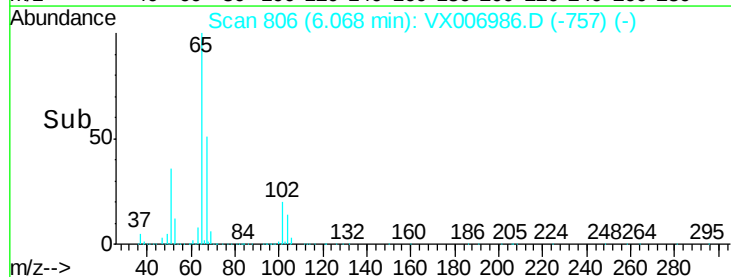
150000

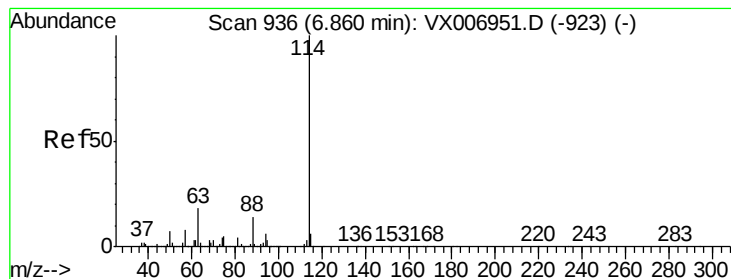
100000

50000

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: VX006986.D

Acq: 10 Jan 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

TB

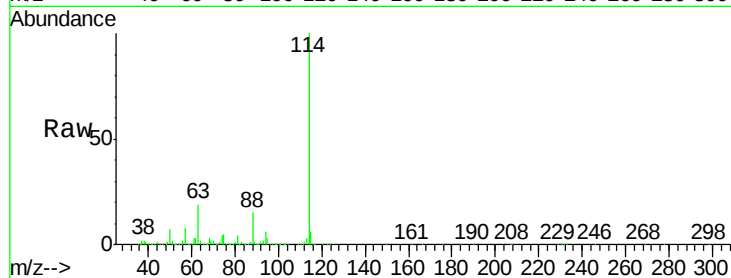
Tot Ion:114 Resp: 950478

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

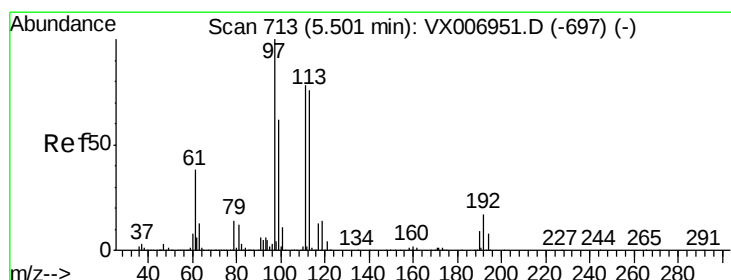
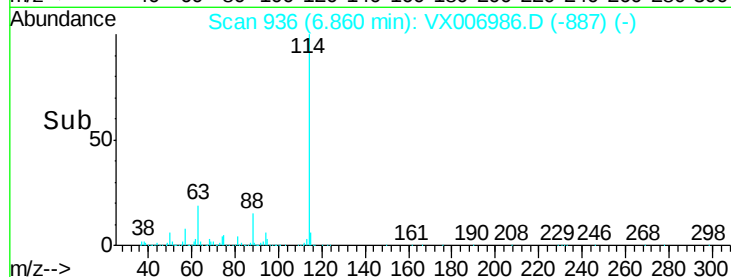
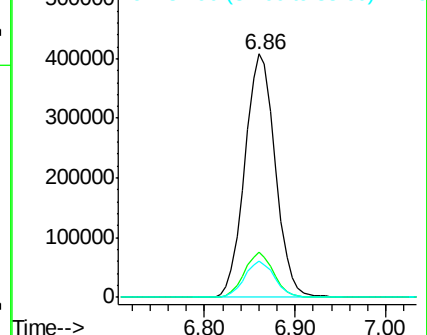
88 14.9 0.0 28.8



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: 48.678 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006986.D

Acq: 10 Jan 2019 13:34

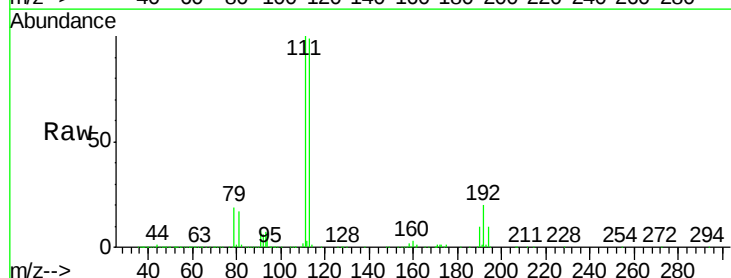
Tgt Ion:113 Resp: 296292

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

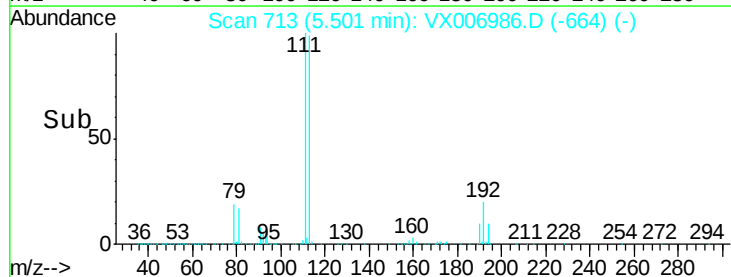
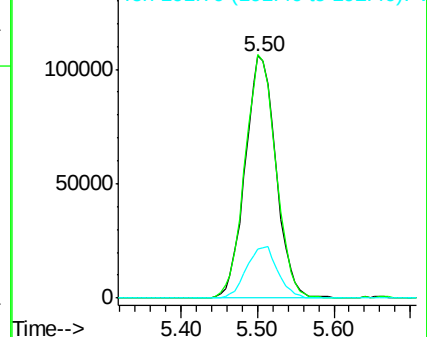
192 21.7 16.7 25.1

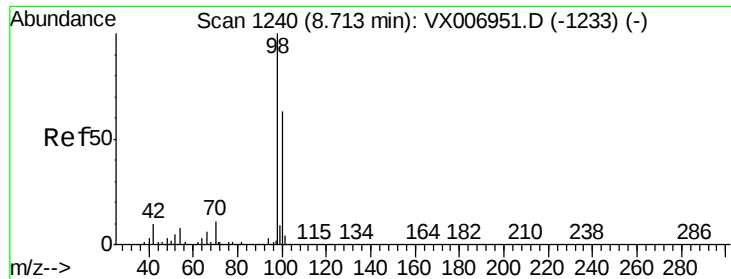


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.587 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006986.D

Acq: 10 Jan 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

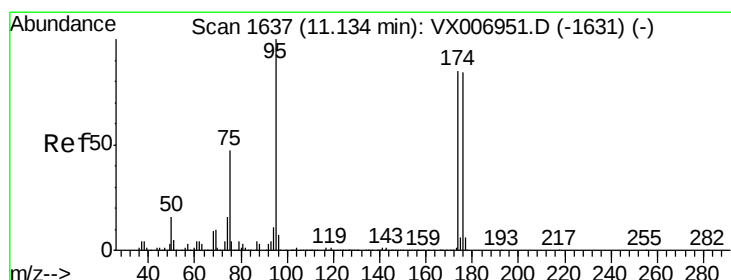
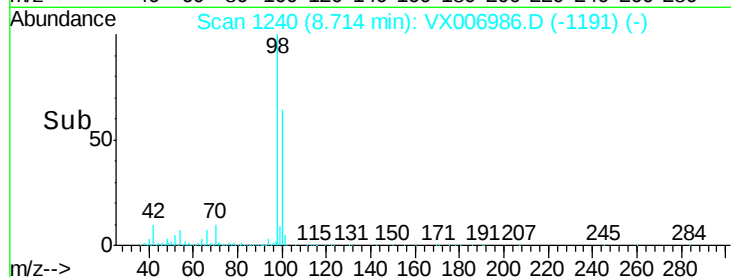
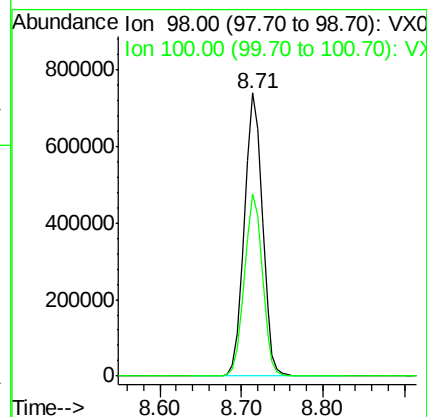
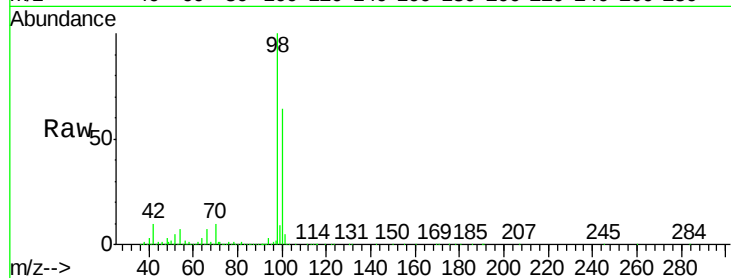
TB

Tot Ion: 98 Resp: 1127059

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.312 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006986.D

Acq: 10 Jan 2019 13:34

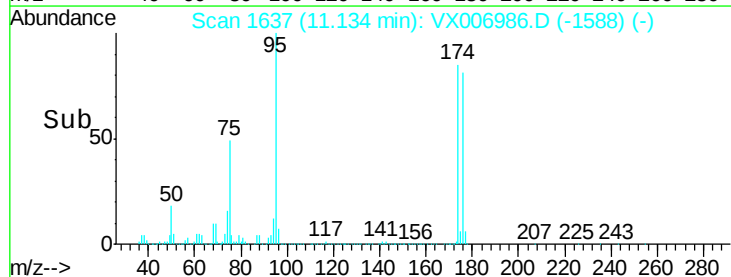
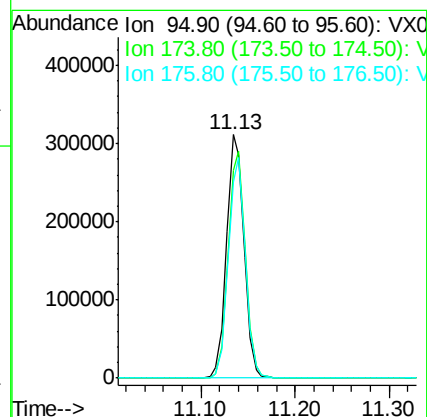
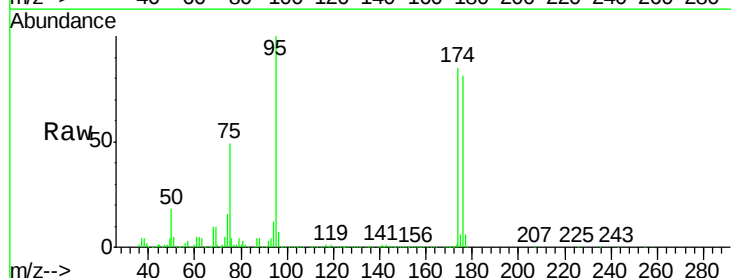
Tgt Ion: 95 Resp: 398547

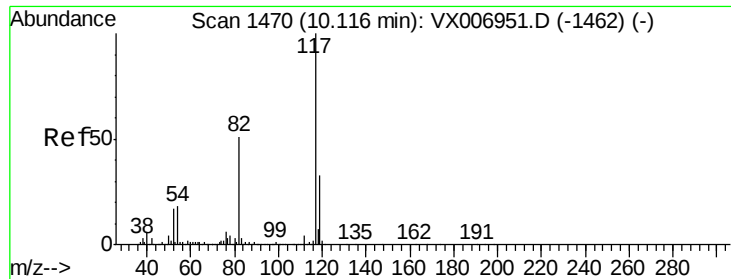
Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.2

176 88.2 0.0 178.8

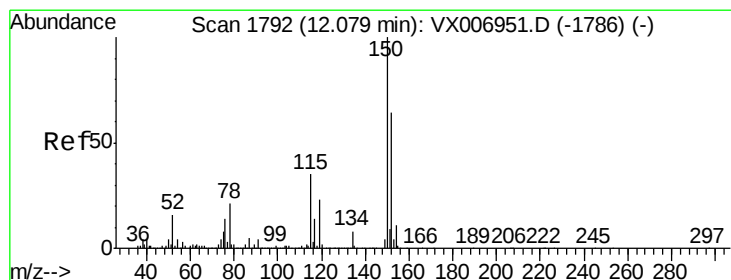
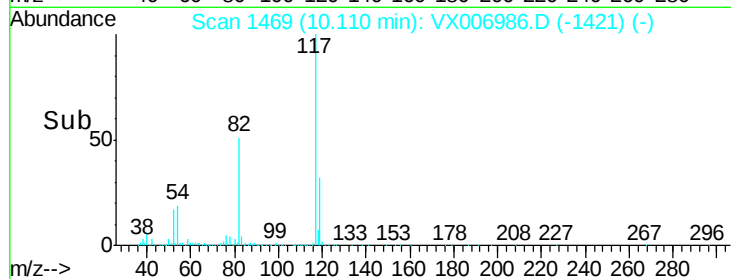
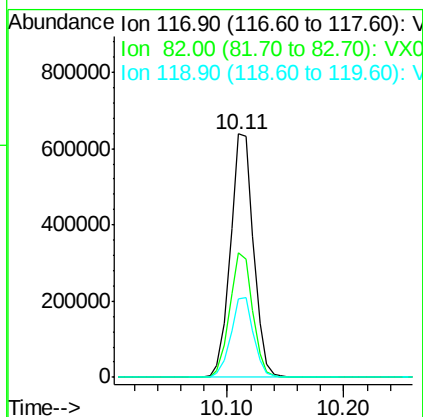
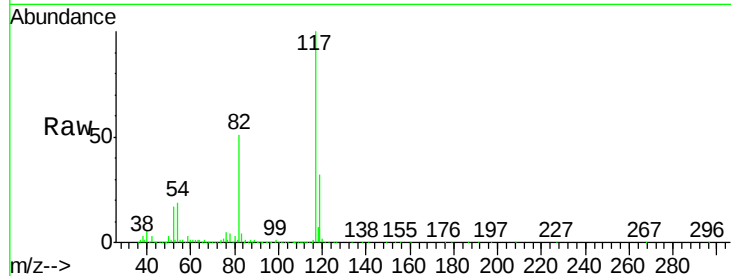




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006986.D
Acq: 10 Jan 2019 13:34

Instrument :
MSVOA_X
ClientSampled :
TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.6
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006986.D
Acq: 10 Jan 2019 13:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	155.9	0.0	344.8

