

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006765.D
 Acq On : 22 Dec 2018 12:10
 Operator : JC/MD
 Sample : J6497-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 24 04:42:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	666474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1013757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	920536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	431630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347171	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	305724	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1193696	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	412483	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

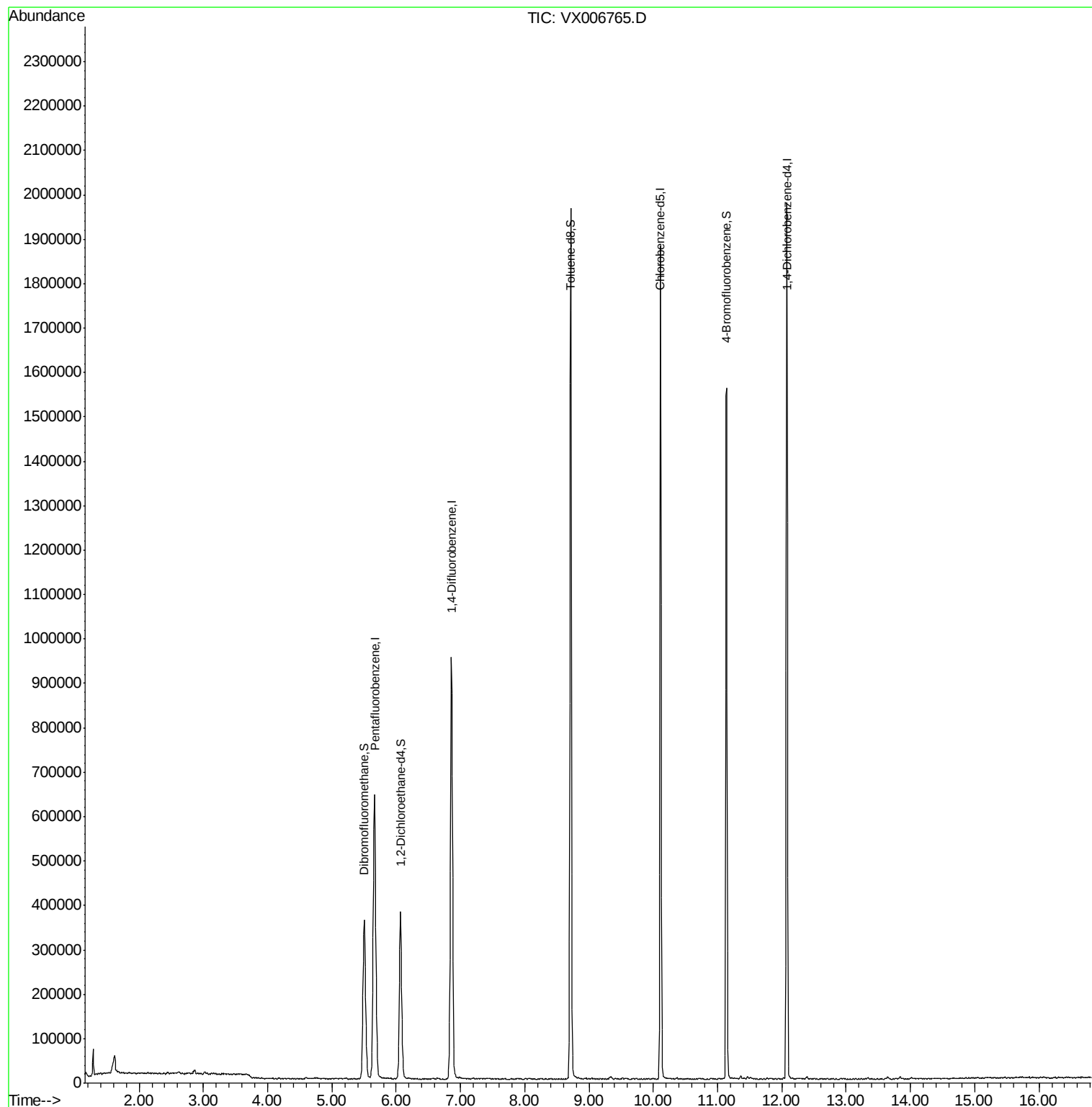
Target Compounds	Qvalue

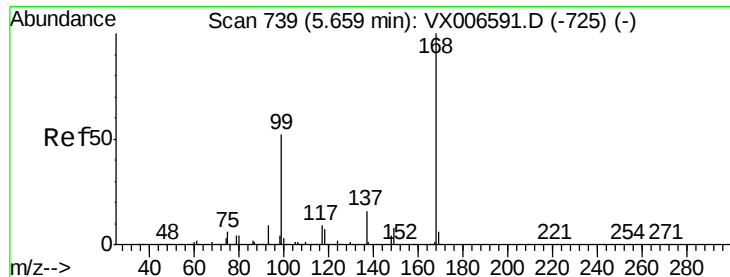
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006765.D

Acq: 22 Dec 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

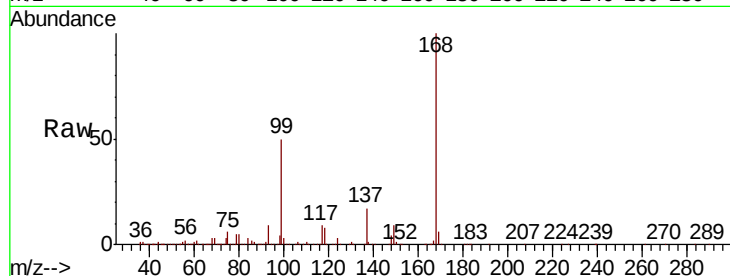
TB

Tot Ion:168 Resp: 666474

Ion Ratio Lower Upper

168 100

99 50.3 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

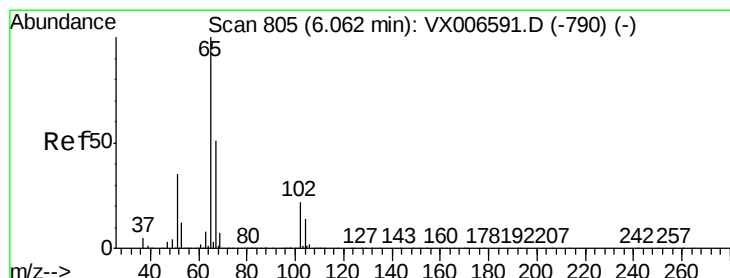
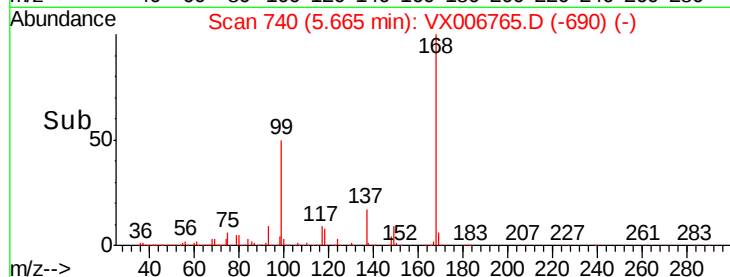
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.333 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006765.D

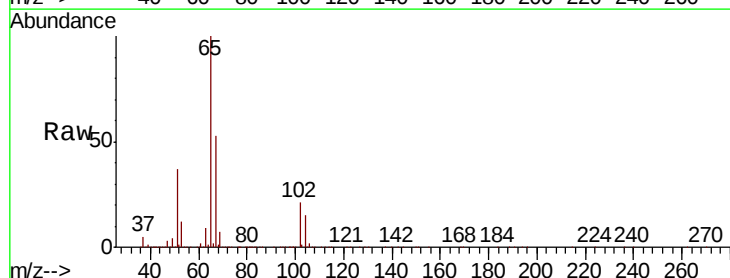
Acq: 22 Dec 2018 12:10

Tgt Ion: 65 Resp: 347171

Ion Ratio Lower Upper

65 100

67 53.4 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

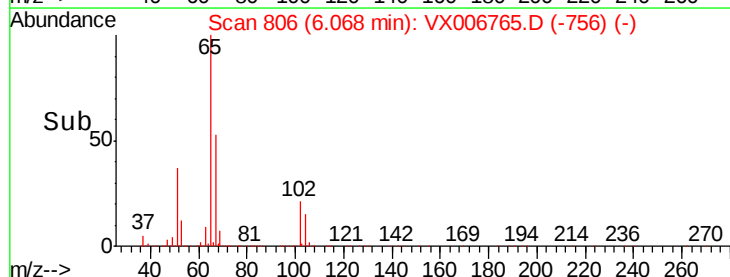
150000

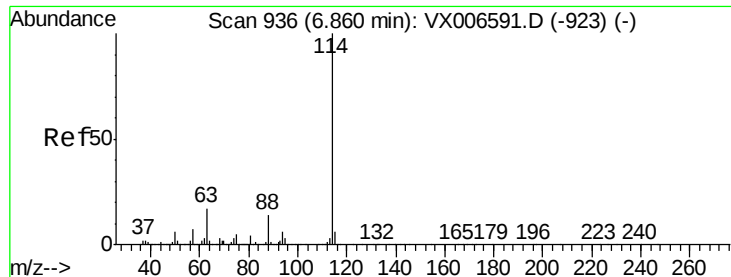
100000

50000

0

Time--> 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: VX006765.D

Acq: 22 Dec 2018 12:10

Instrument :

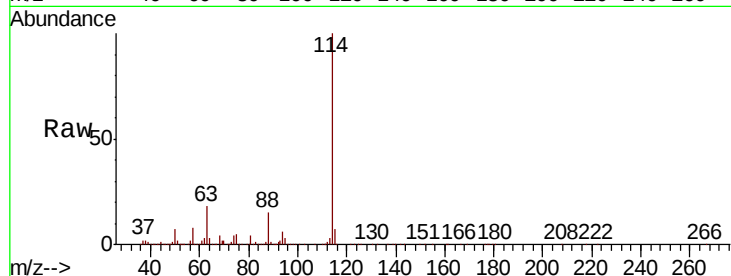
MSVOA_X

ClientSampleId :

TB

Tot Ion:114 Resp: 1013757

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.8
88	14.8	0.0	28.8

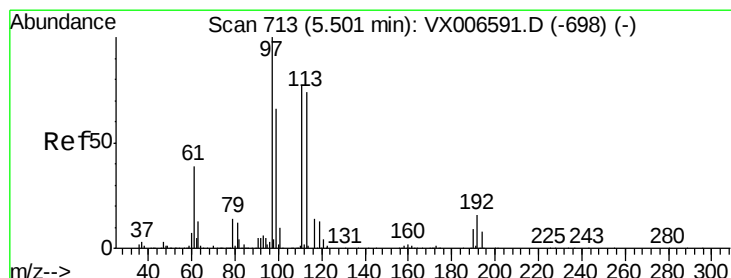
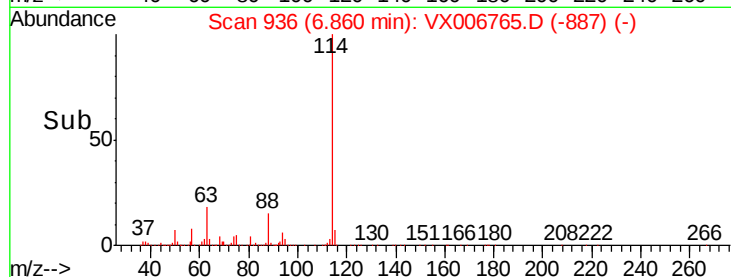
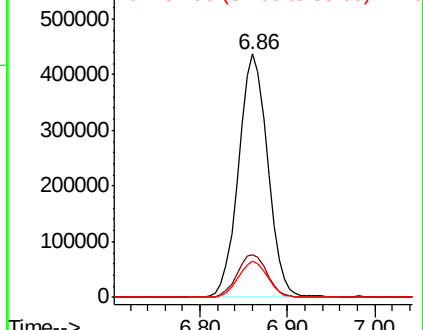


Abundance

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: 47.689 ug/l

RT: 5.50 min Scan# 713

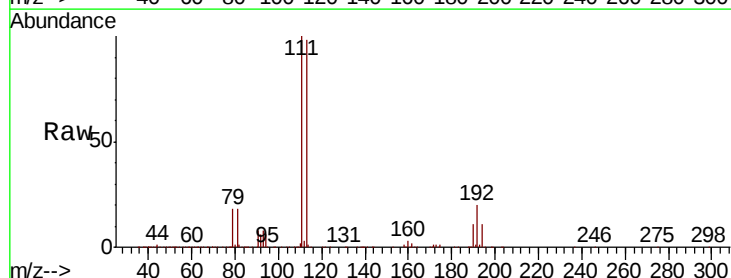
Delta R.T. 0.00 min

Lab File: VX006765.D

Acq: 22 Dec 2018 12:10

Tgt Ion:113 Resp: 305724

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	21.3	16.7	25.1

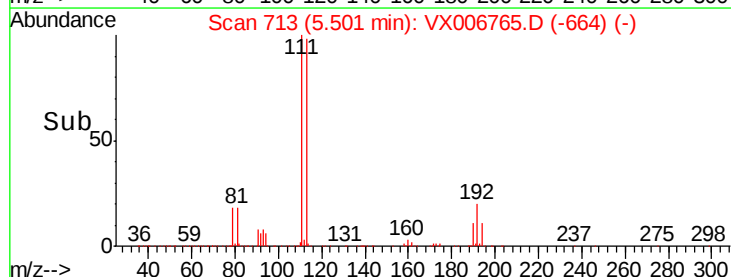
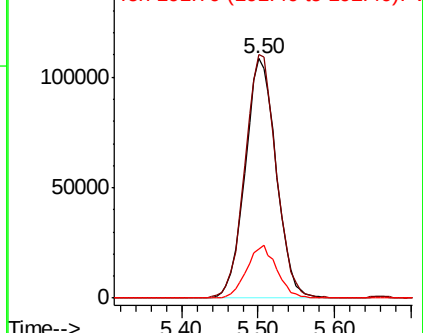


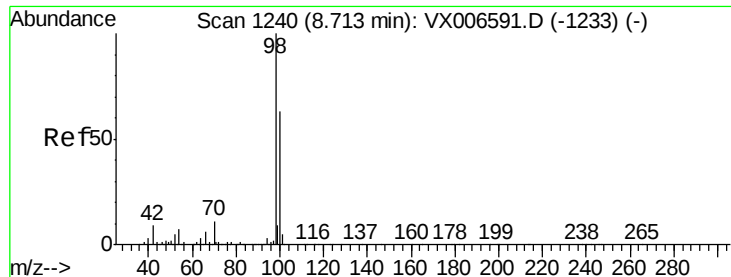
Abundance

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: 49.390 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006765.D

Acq: 22 Dec 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

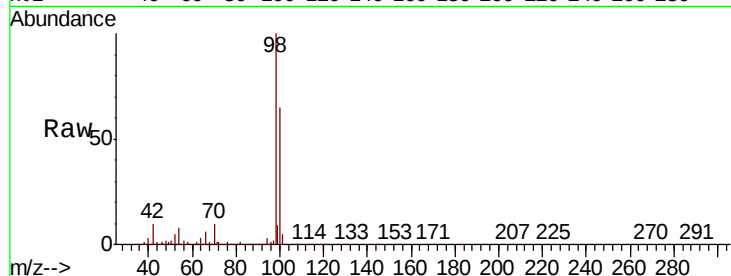
TB

Tot Ion: 98 Resp: 1193696

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

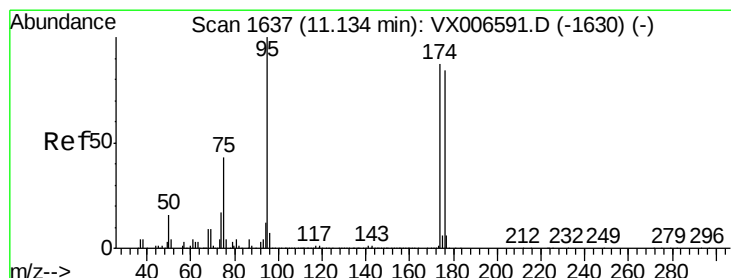
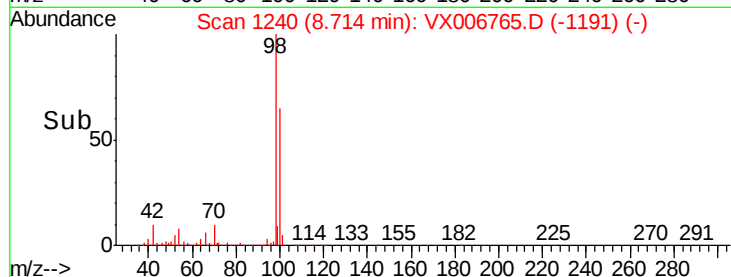
400000

200000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.599 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006765.D

Acq: 22 Dec 2018 12:10

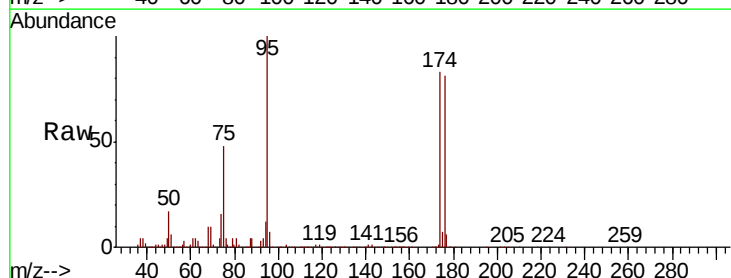
Tgt Ion: 95 Resp: 412483

Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.2

176 88.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

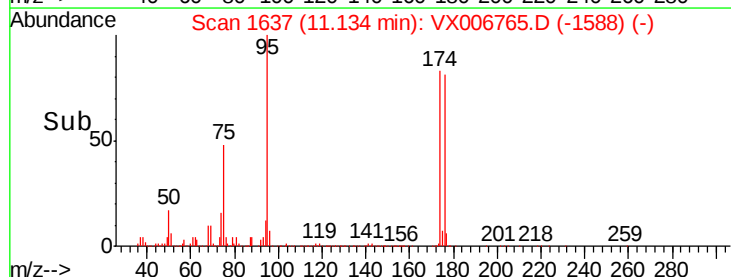
200000

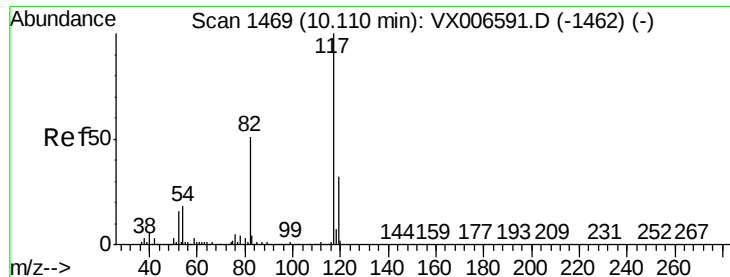
100000

0

11.10 11.20

Time-->

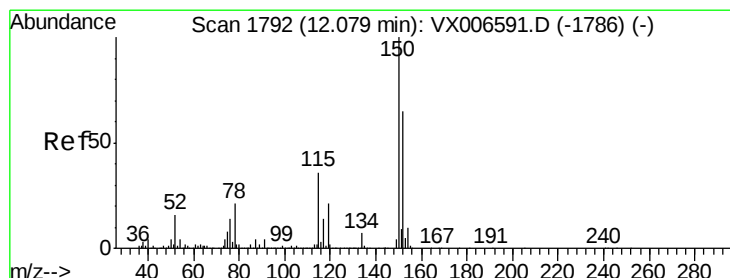
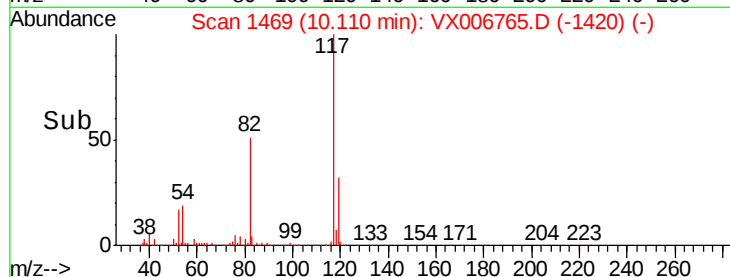
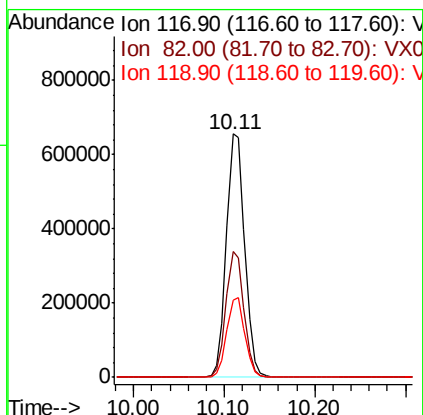
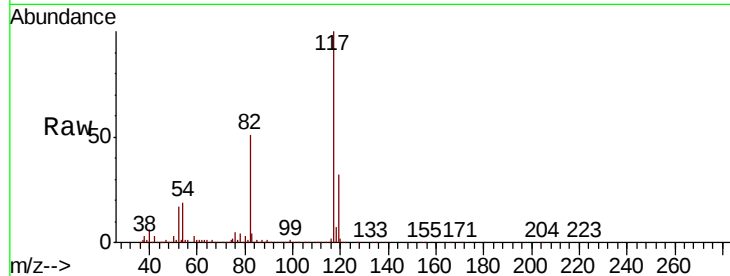




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006765.D
Acq: 22 Dec 2018 12:10

Instrument :
MSVOA_X
ClientSampled :
TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.0	61.6
119	31.7	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: VX006765.D
Acq: 22 Dec 2018 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.1	117.2
150	156.8	0.0	344.8

