

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006890.D
 Acq On : 03 Jan 2019 13:12
 Operator : JC/MD
 Sample : K1031-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190102

Quant Time: Jan 04 10:21:31 2019
 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	679210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1026467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	950485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458217	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	353150	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	313574	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.71	98	1209439	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	430312	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

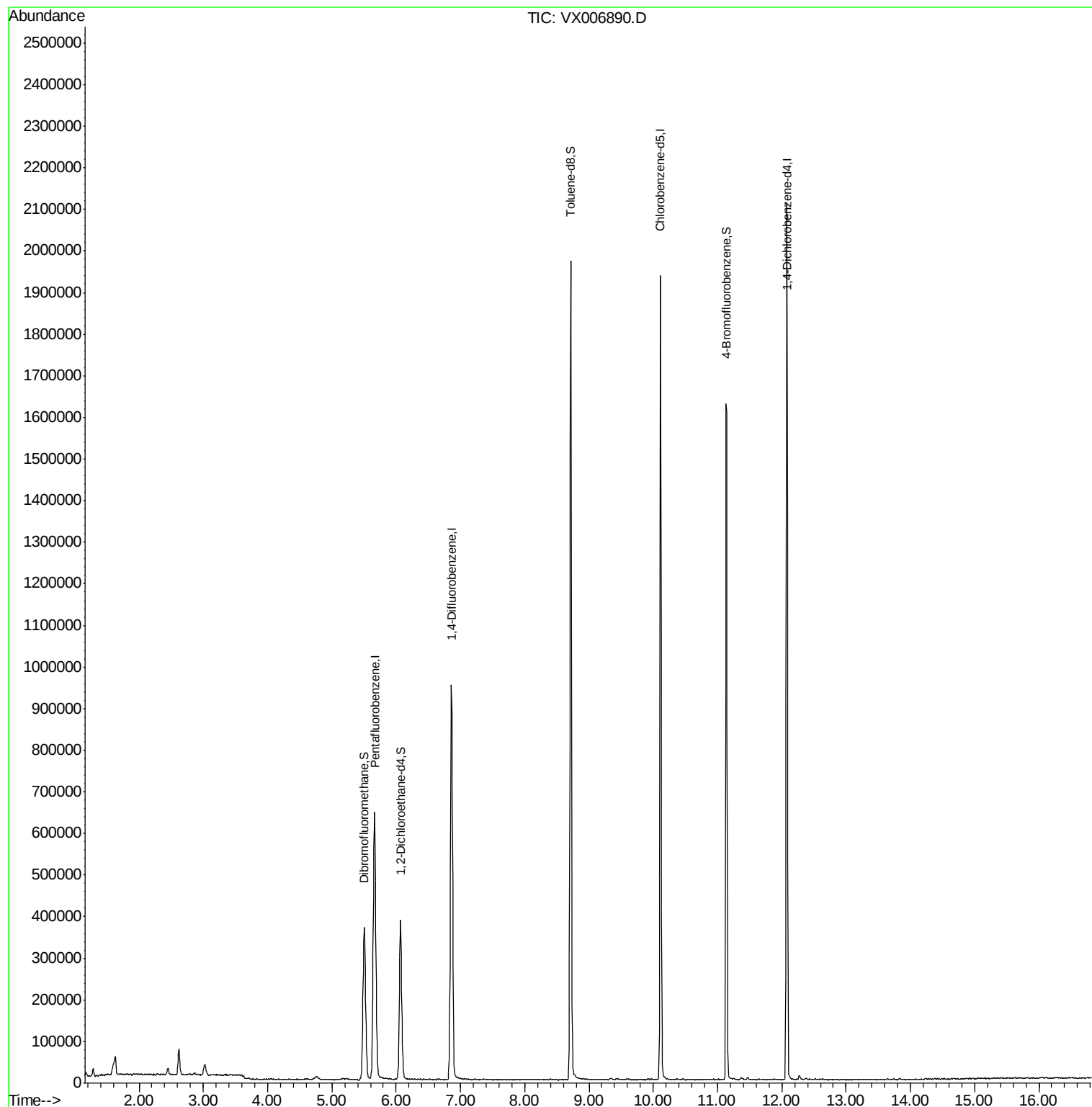
Target Compounds	Qvalue

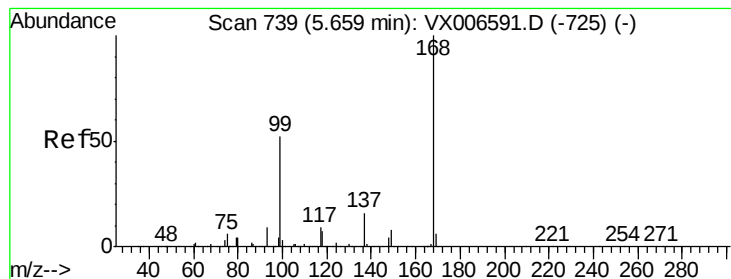
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006890.D

Acq: 03 Jan 2019 13:12

Instrument :

MSVOA_X

ClientSampled :

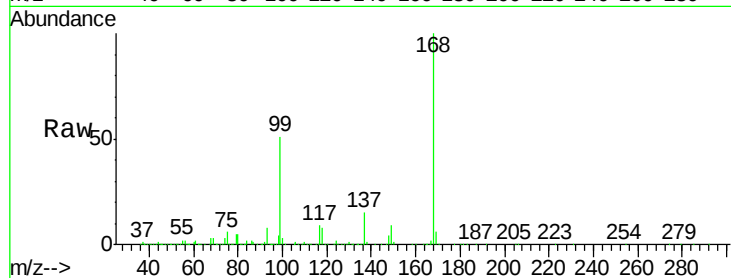
TB-01-190102

Tot Ion:168 Resp: 679210

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

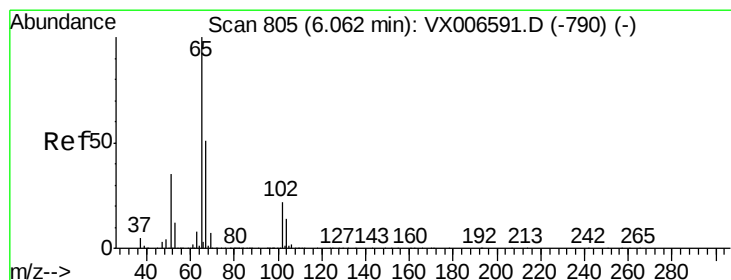
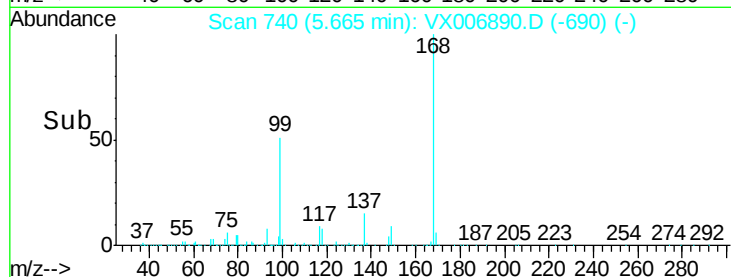
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.243 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006890.D

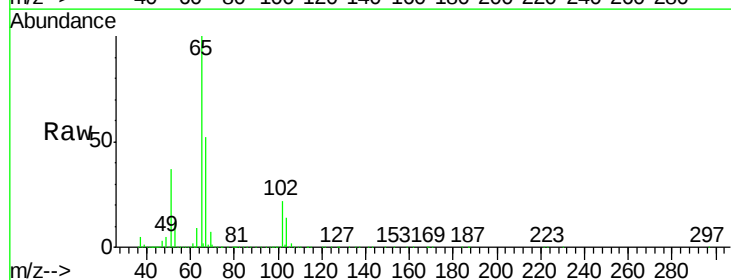
Acq: 03 Jan 2019 13:12

Tgt Ion: 65 Resp: 353150

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

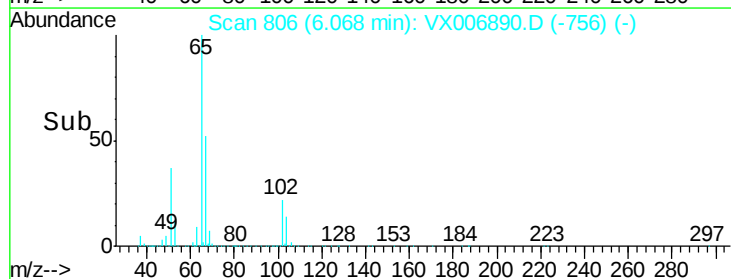
100000

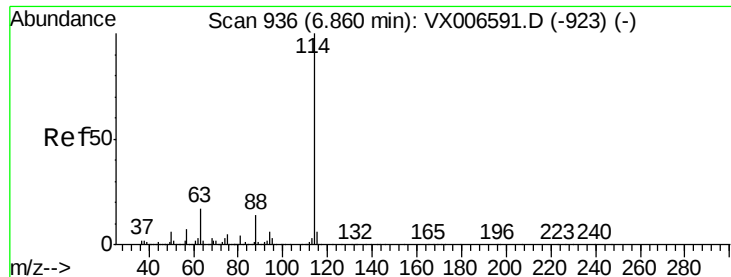
50000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006890.D

Acq: 03 Jan 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190102

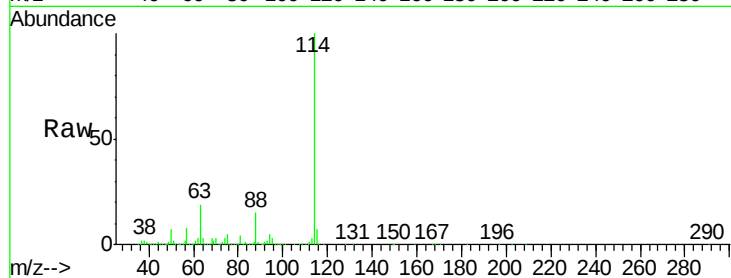
Tot Ion:114 Resp: 1026467

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

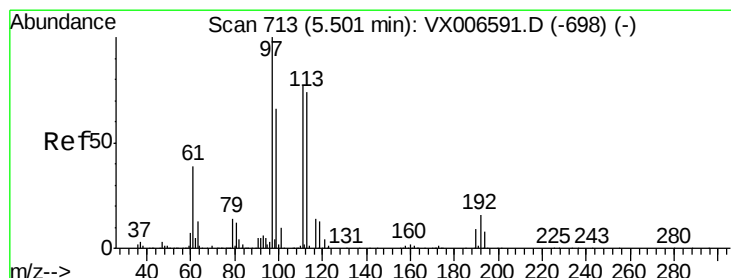
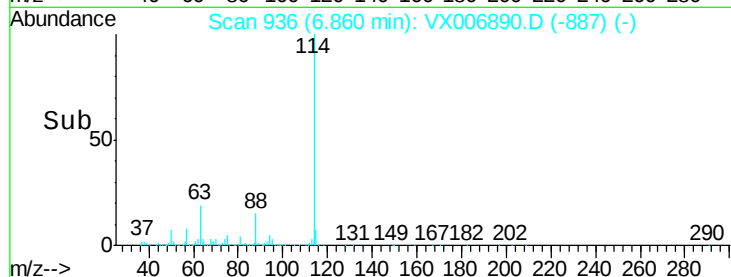
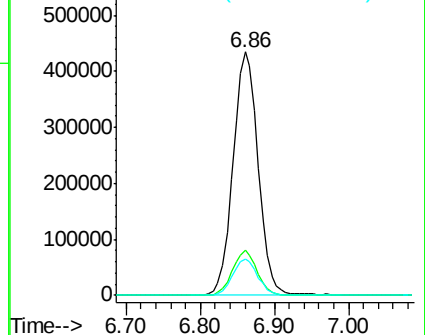
88 14.9 0.0 28.8



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: 48.308 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006890.D

Acq: 03 Jan 2019 13:12

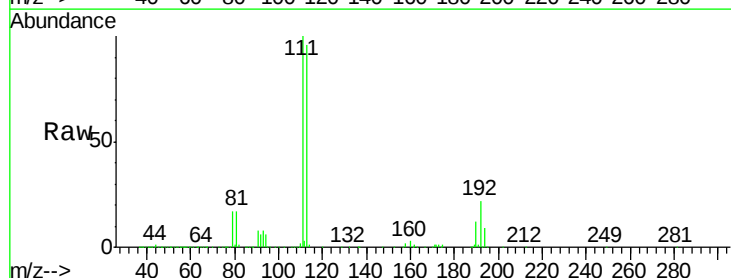
Tgt Ion:113 Resp: 313574

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

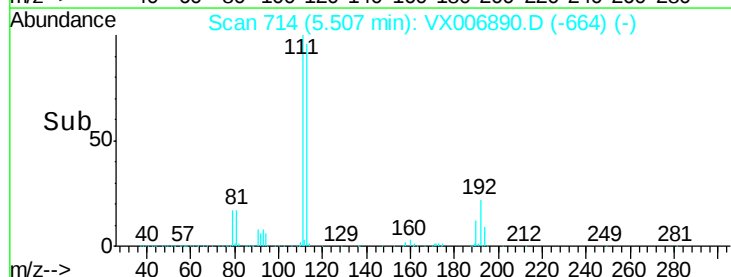
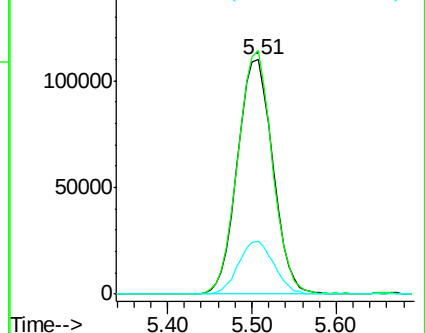
192 22.7 16.7 25.1

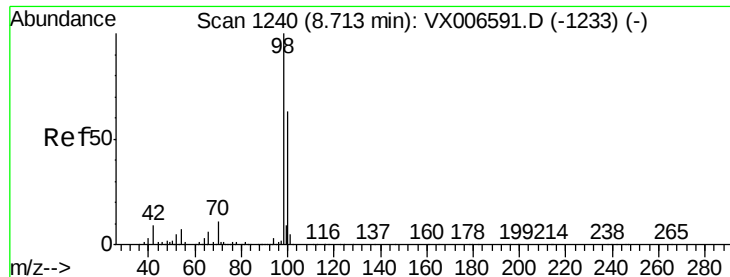


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.421 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006890.D

Acq: 03 Jan 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

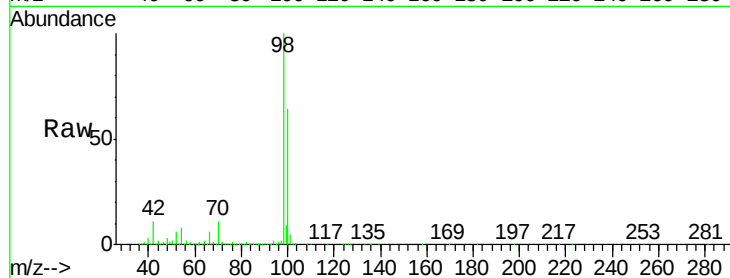
TB-01-190102

Tot Ion: 98 Resp: 1209439

Ion Ratio Lower Upper

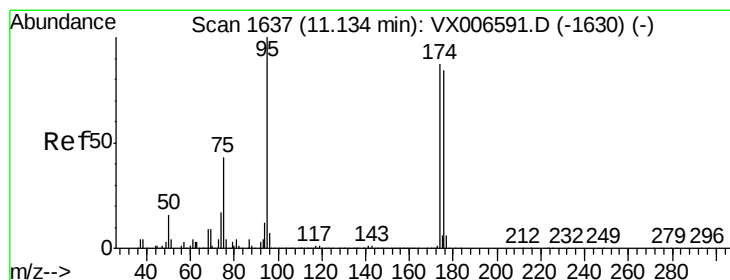
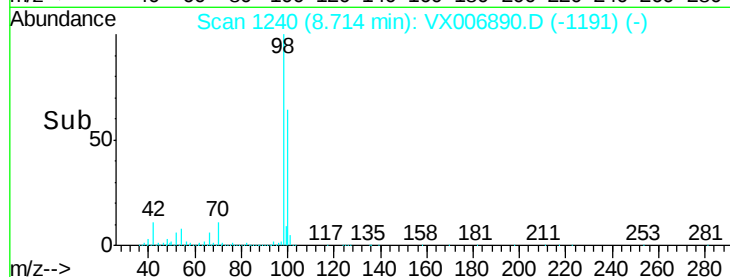
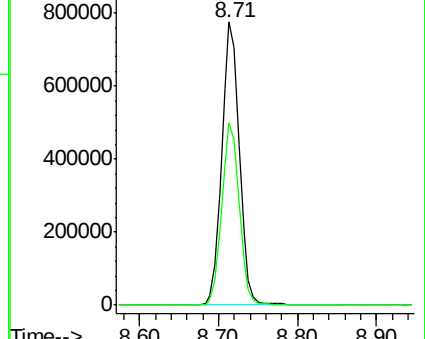
98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.012 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006890.D

Acq: 03 Jan 2019 13:12

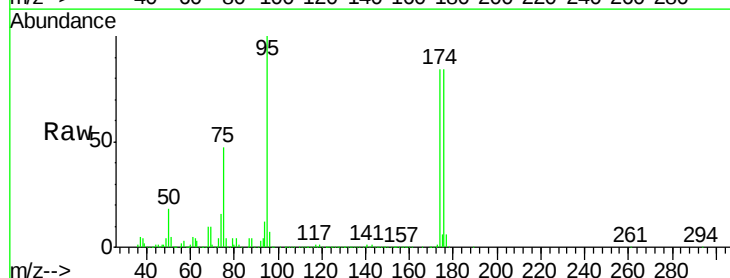
Tgt Ion: 95 Resp: 430312

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.2

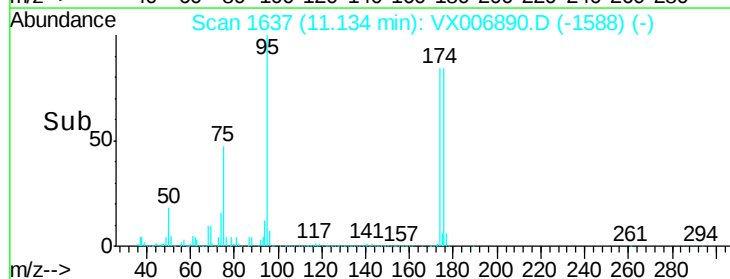
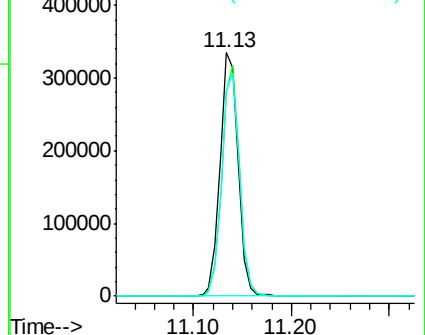
176 90.3 0.0 178.8

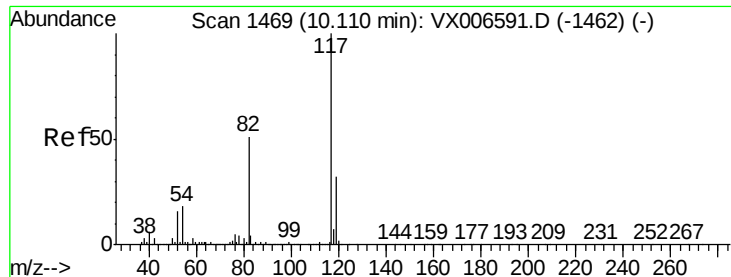


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

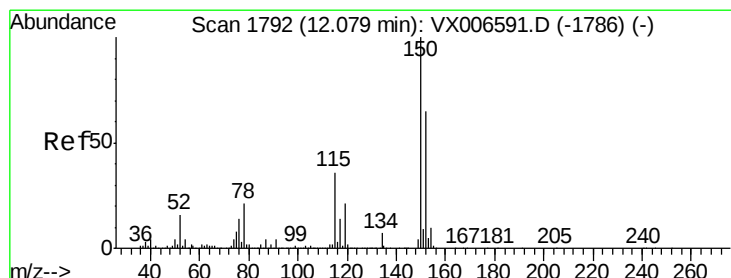
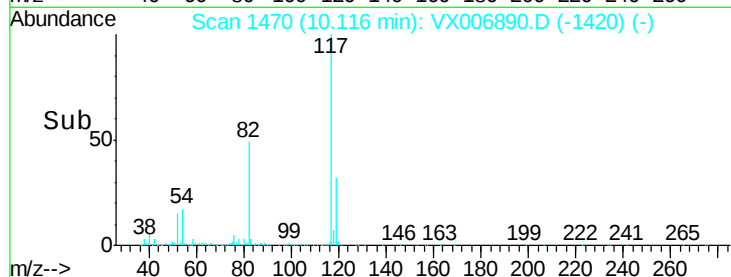
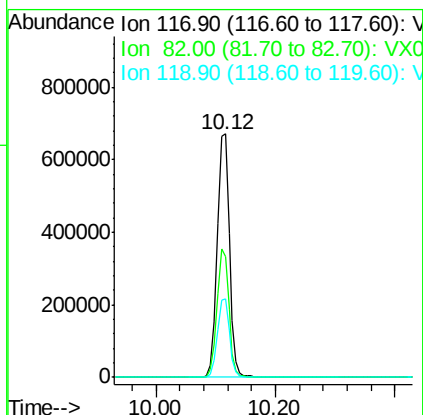
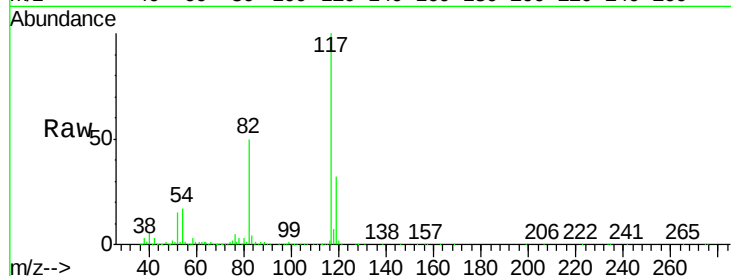




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006890.D
Acq: 03 Jan 2019 13:12

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190102

Tot Ion:117 Resp: 950485
Ion Ratio Lower Upper
117 100
82 49.5 41.0 61.6
119 32.1 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: VX006890.D
Acq: 03 Jan 2019 13:12

Tgt Ion:152 Resp: 458217
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.2
150 155.9 0.0 344.8

