

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006389.D
 Acq On : 11 Dec 2018 00:38
 Operator : JC/MD
 Sample : J6314-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB04-20181206

Quant Time: Dec 11 05:45:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	729541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1122320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1005930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477253	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	373307	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	345782	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	1303928	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	481166	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	

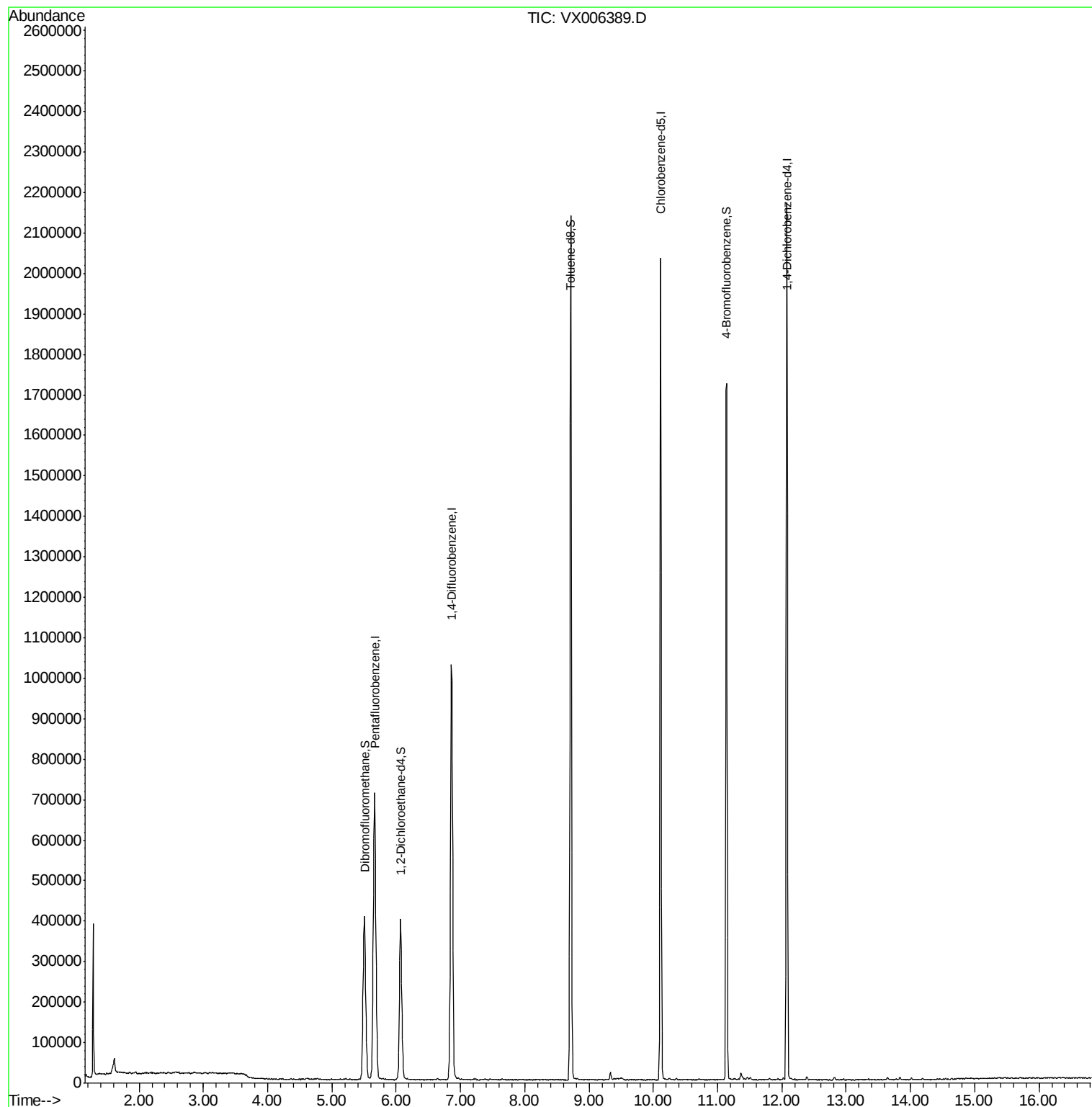
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

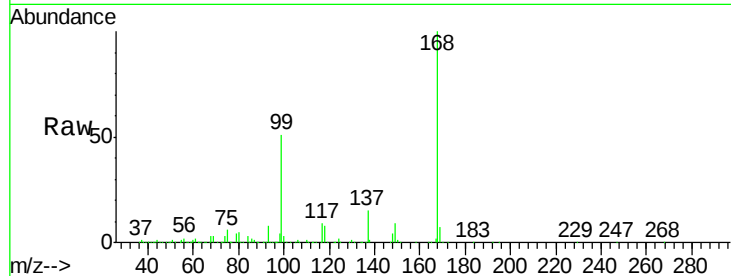
BP-TB04-20181206

Tot Ion:168 Resp: 729541

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

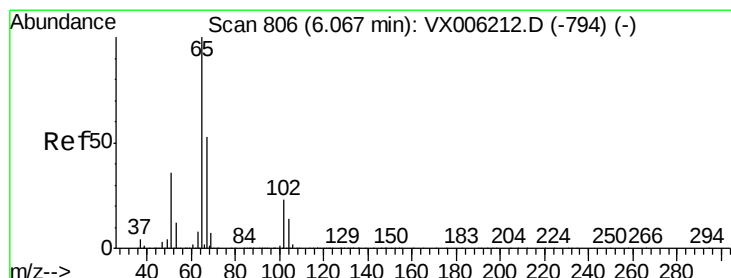
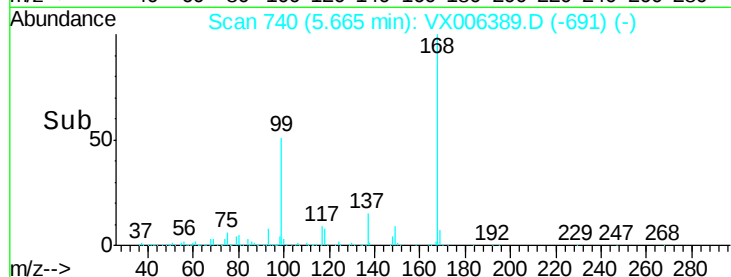
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.126 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006389.D

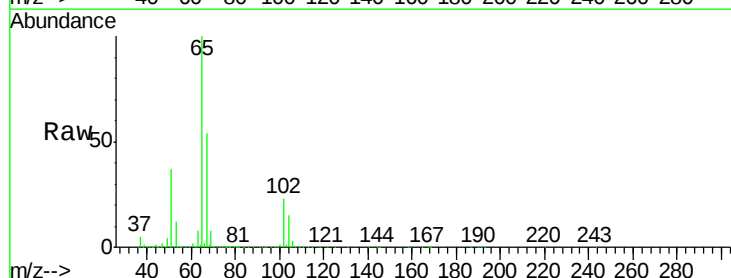
Acq: 11 Dec 2018 00:38

Tgt Ion: 65 Resp: 373307

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

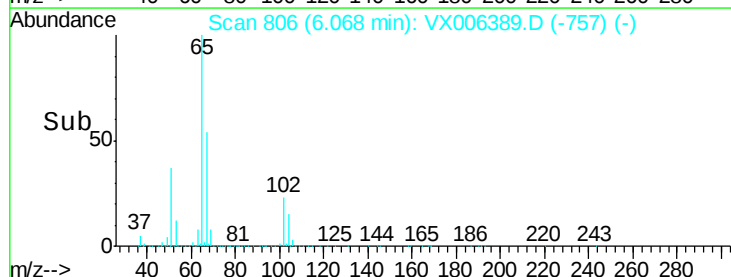
150000

100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20181206

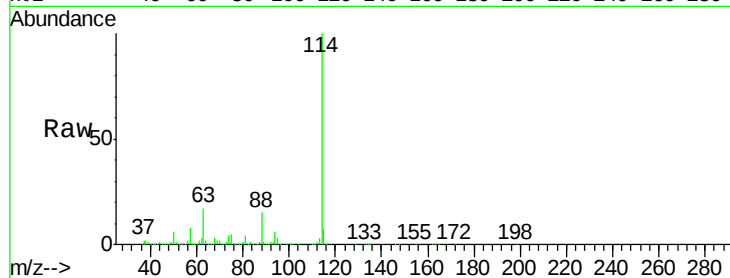
Tot Ion:114 Resp: 1122320

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.1 0.0 29.0



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

600000

500000

400000

300000

200000

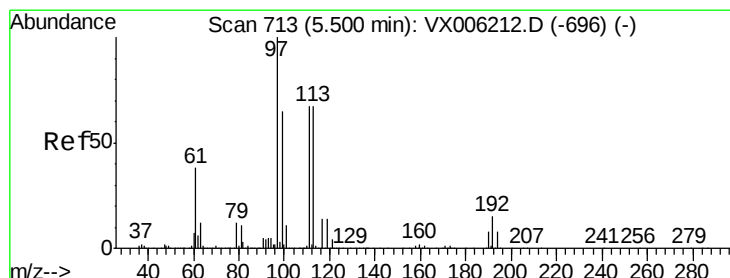
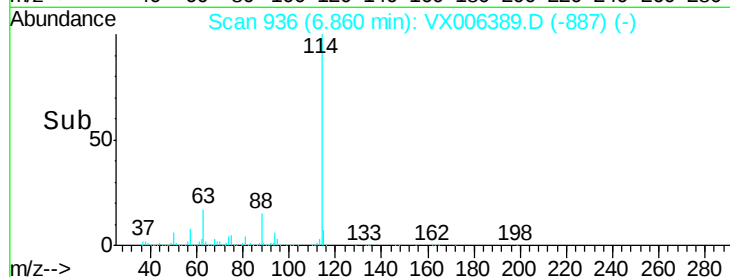
100000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.585 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

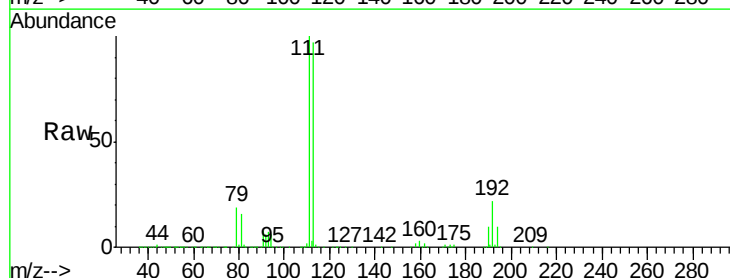
Tgt Ion:113 Resp: 345782

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 21.0 18.2 27.2



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

150000

100000

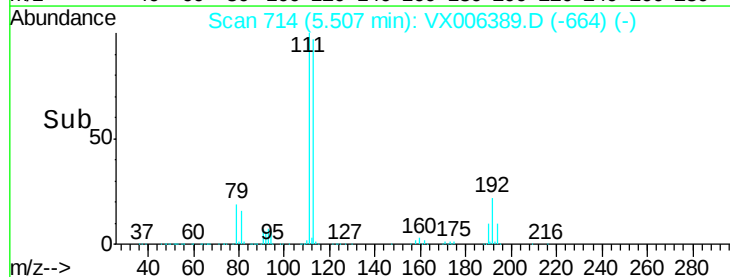
50000

0

5.51

5.40 5.50 5.60

Time-->

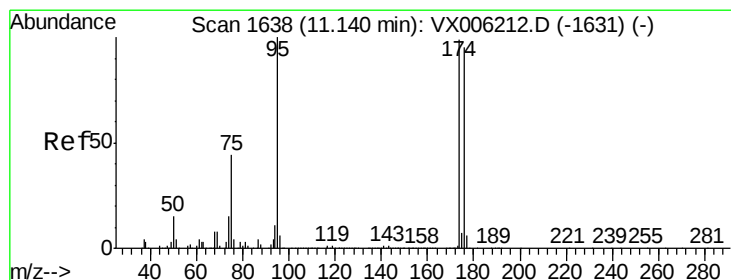
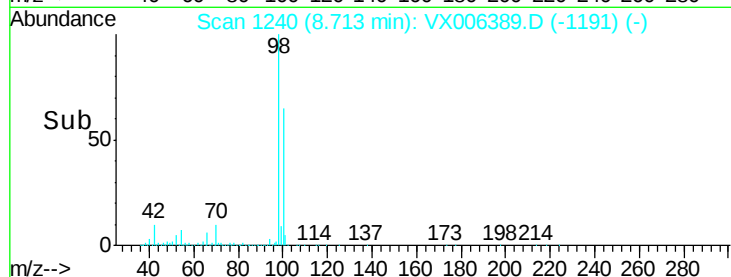
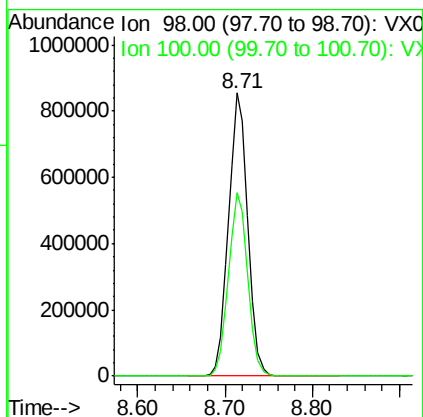
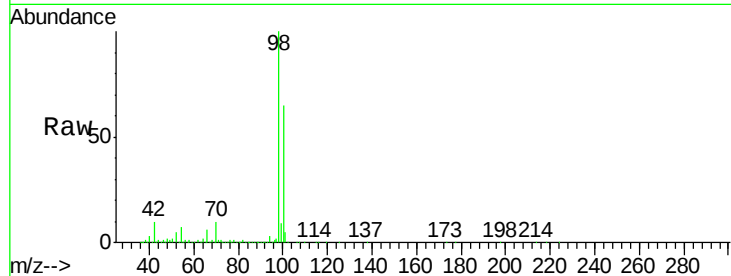




#50
Toluene-d8
Concen: 49.332 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

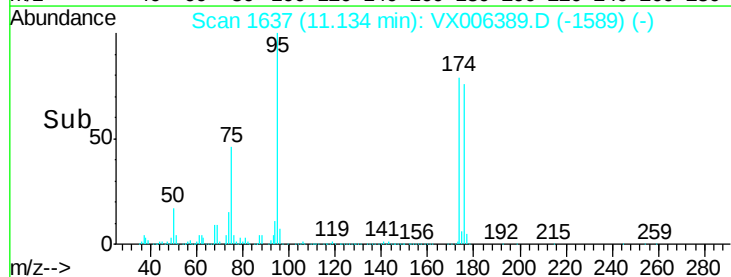
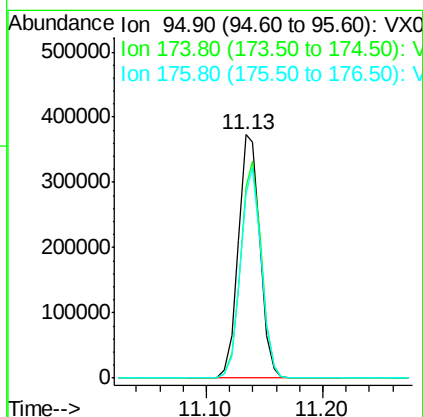
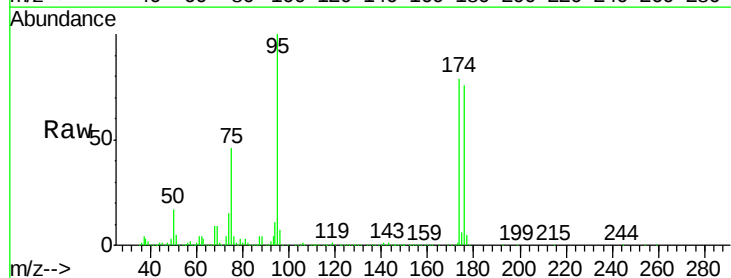
Instrument :
MSVOA_X
ClientSampleId :
BP-TB04-20181206

Tot Ion: 98 Resp: 1303928
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.309 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

Tgt Ion: 95 Resp: 481166
Ion Ratio Lower Upper
95 100
174 86.1 0.0 187.0
176 83.5 0.0 181.8

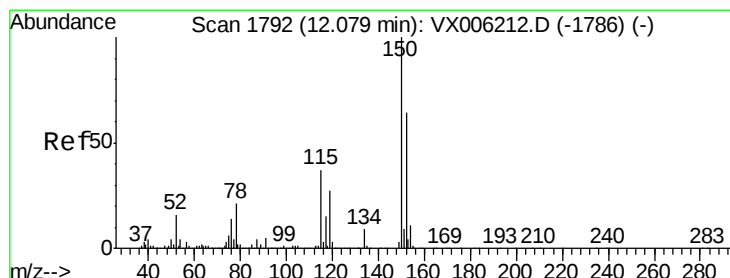
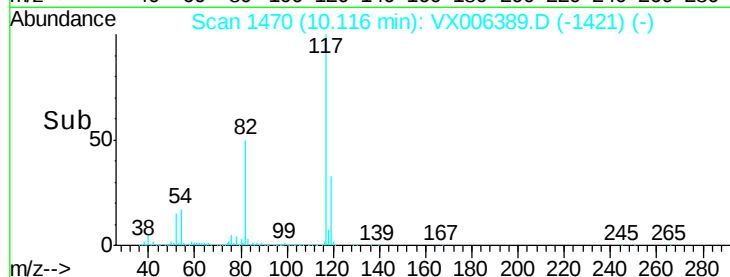
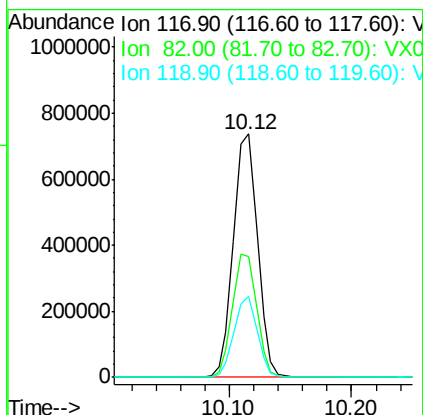
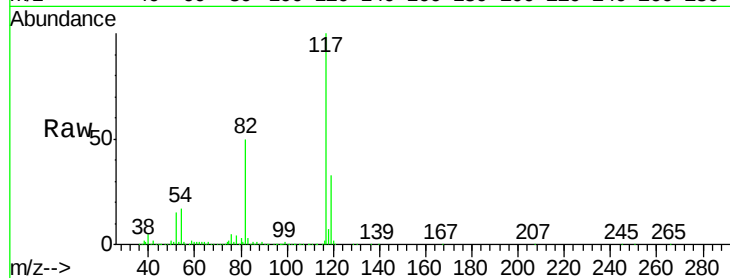




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

Instrument :
MSVOA_X
ClientSampleId :
BP-TB04-20181206

Tot Ion:117 Resp: 1005930
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

Tgt Ion:152 Resp: 477253
Ion Ratio Lower Upper
152 100
115 56.7 39.0 116.9
150 156.8 0.0 345.8

