

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006354.D
 Acq On : 07 Dec 2018 18:18
 Operator : JC/MD
 Sample : J6019-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-120618

Quant Time: Dec 08 01:27:25 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	5.66	168	795977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1203965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1084355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	530551	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	396310	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	5.50	113	376336	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1395205	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	521485	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

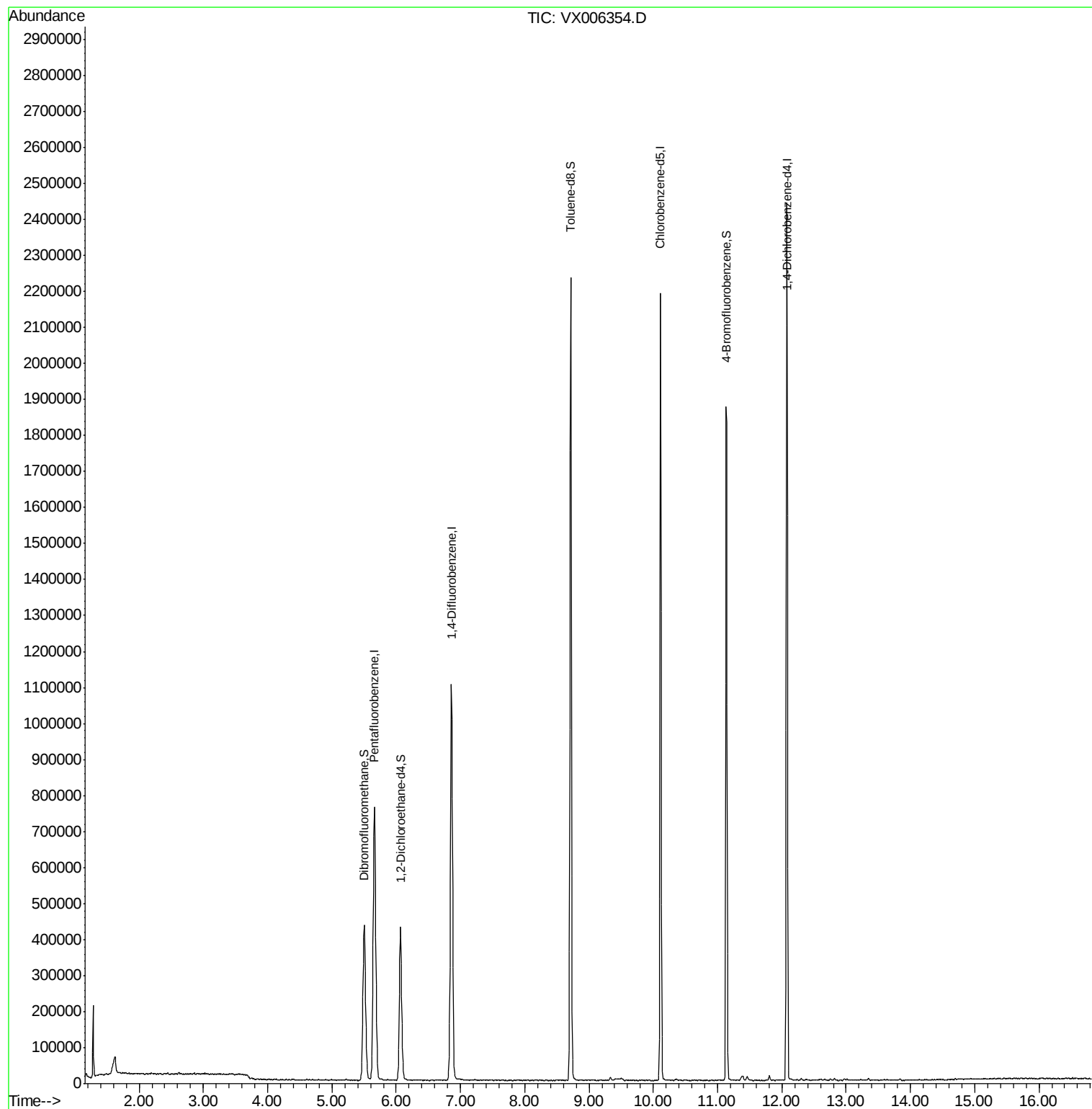
Target Compounds	Qvalue

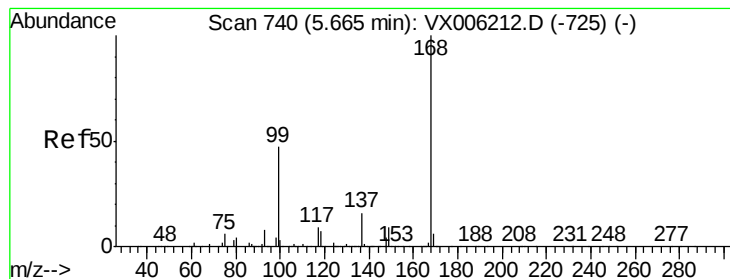
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006354.D

Acq: 07 Dec 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

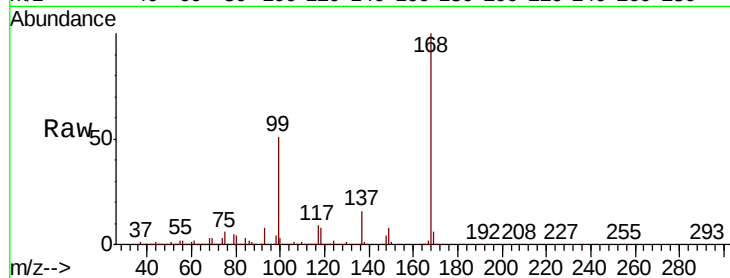
TB-120618

Tot Ion:168 Resp: 795977

Ion Ratio Lower Upper

168 100

99 50.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

250000

200000

150000

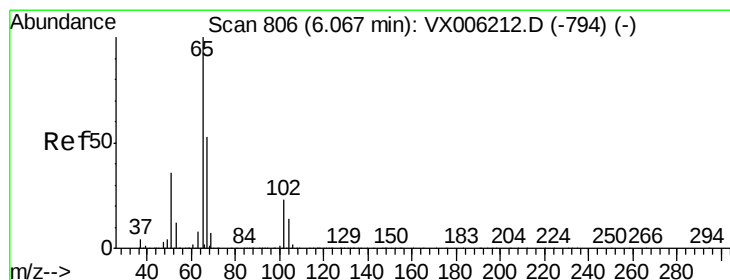
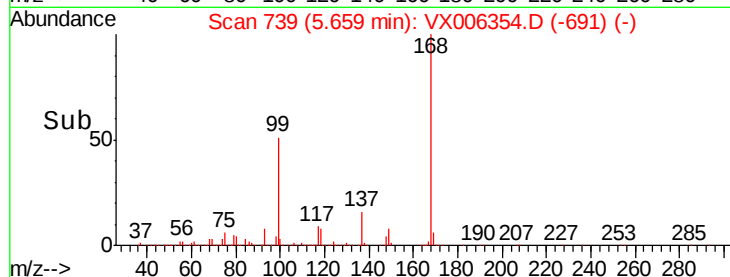
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 48.773 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006354.D

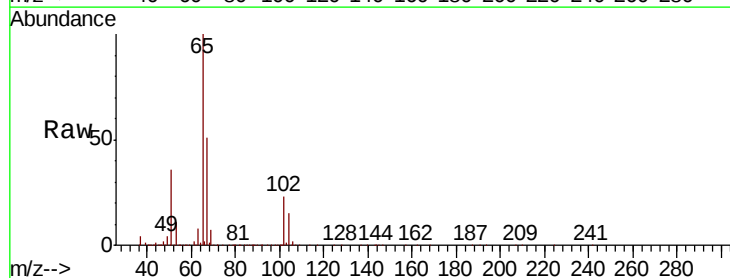
Acq: 07 Dec 2018 18:18

Tgt Ion: 65 Resp: 396310

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

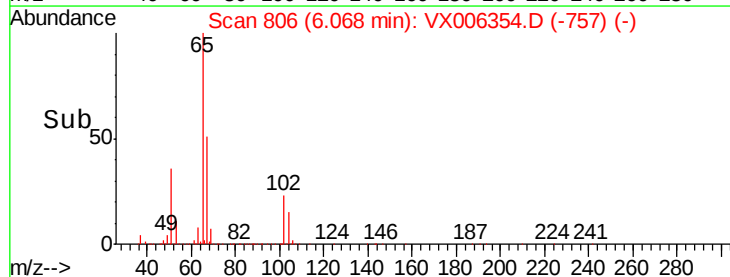
100000

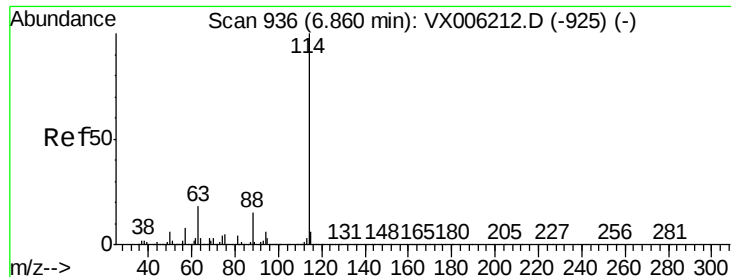
50000

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: VX006354.D

Acq: 07 Dec 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

TB-120618

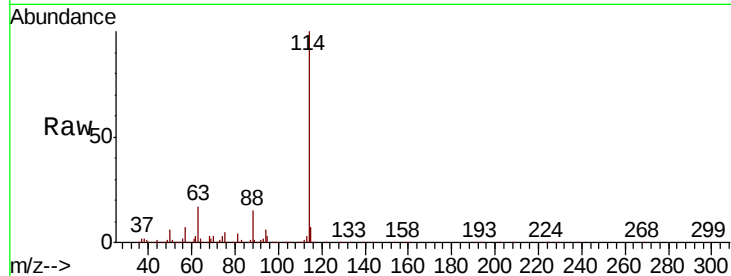
Tot Ion:114 Resp: 1203965

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

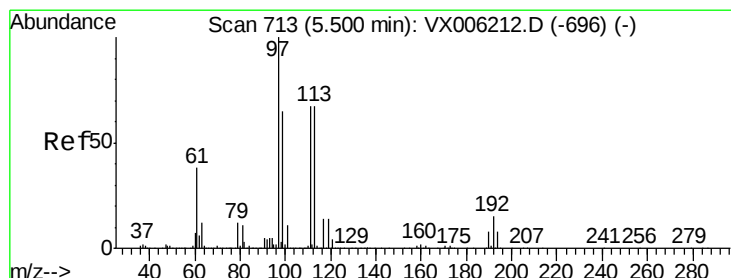
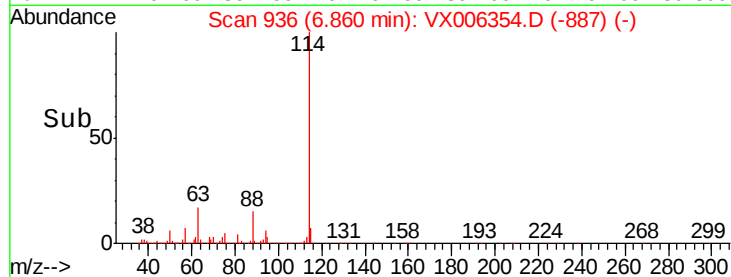
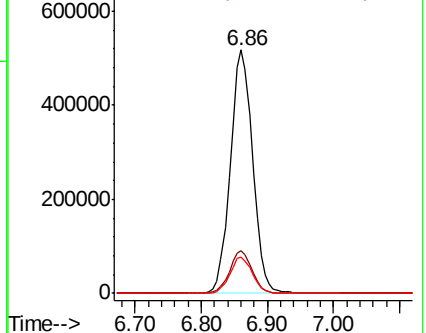
88 15.0 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 48.278 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006354.D

Acq: 07 Dec 2018 18:18

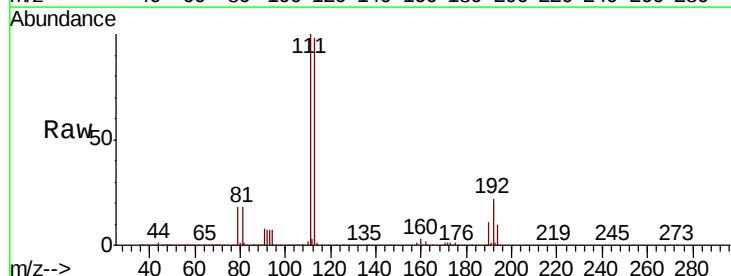
Tgt Ion:113 Resp: 376336

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

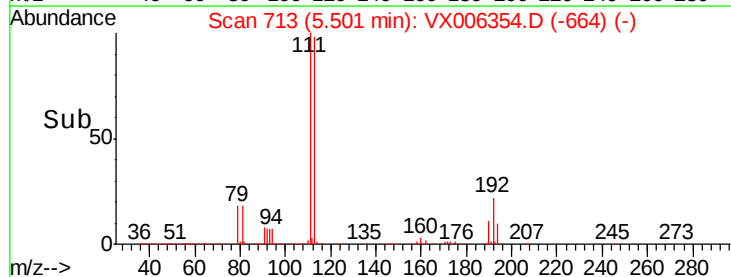
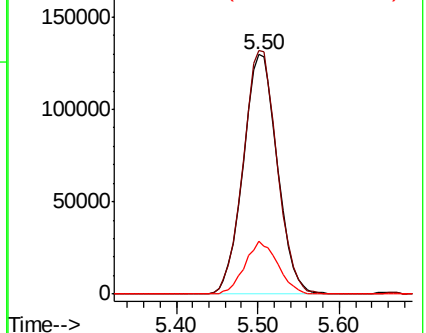
192 21.3 18.2 27.2

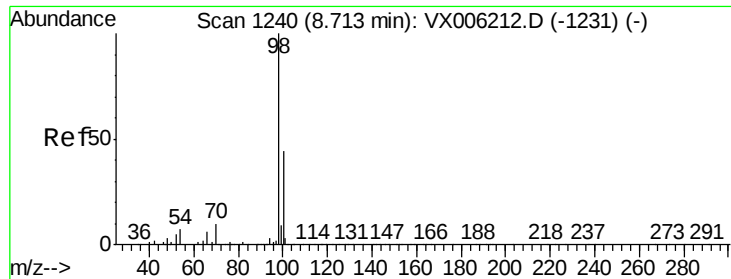


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.206 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006354.D

Acq: 07 Dec 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

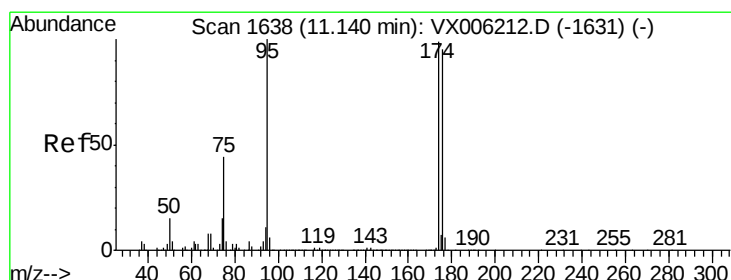
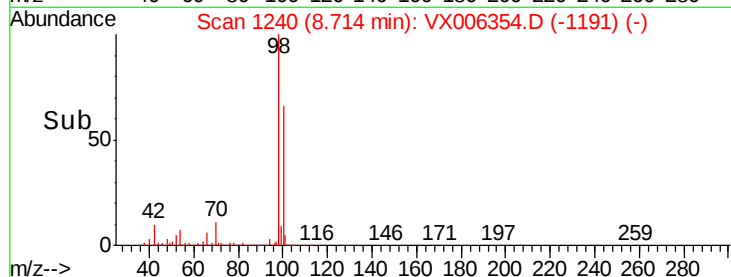
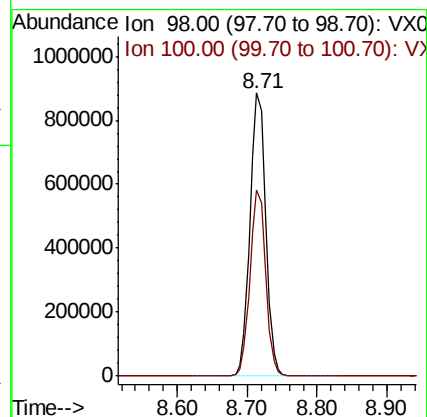
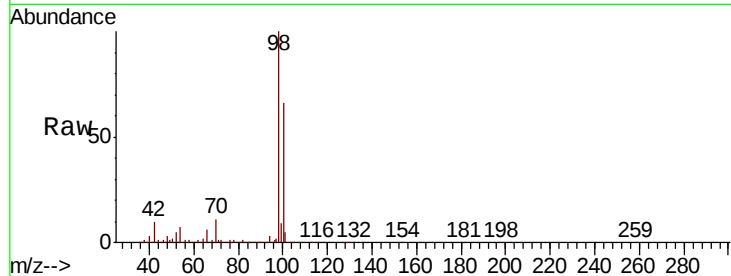
TB-120618

Tot Ion: 98 Resp: 1395205

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006354.D

Acq: 07 Dec 2018 18:18

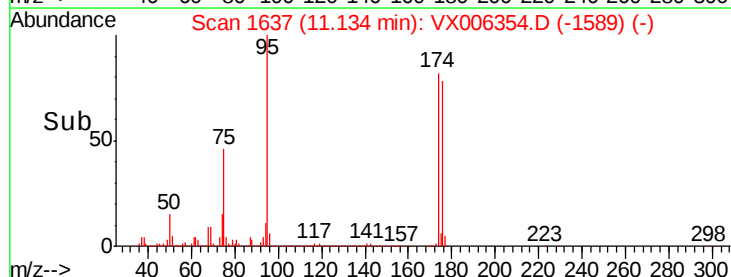
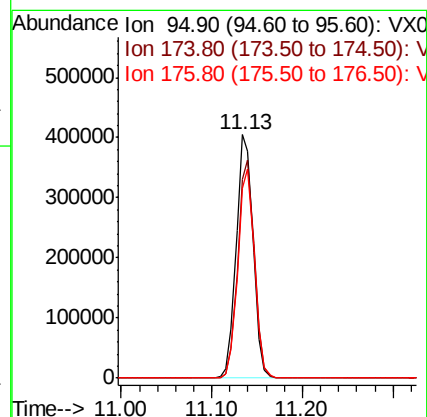
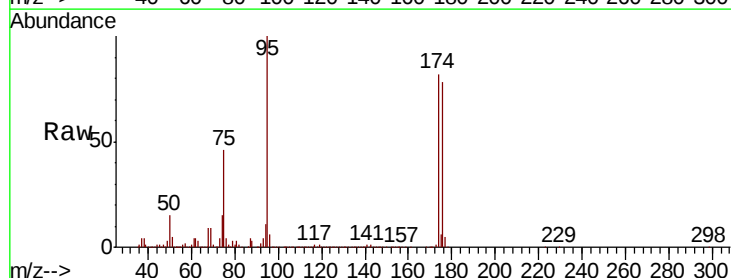
Tgt Ion: 95 Resp: 521485

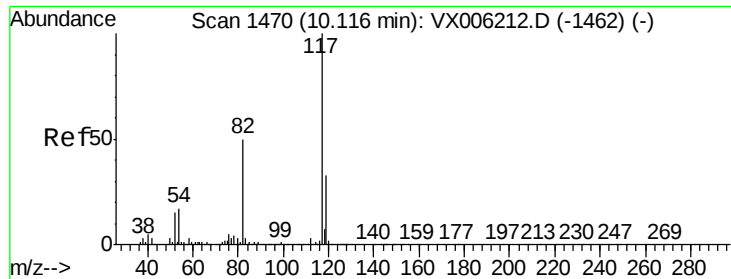
Ion Ratio Lower Upper

95 100

174 88.2 0.0 187.0

176 85.1 0.0 181.8

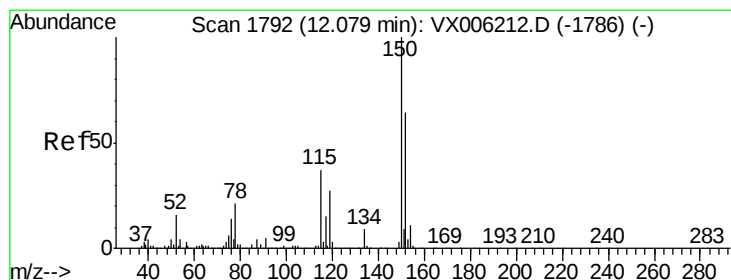
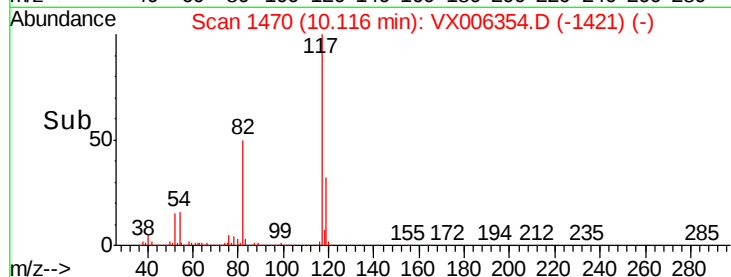
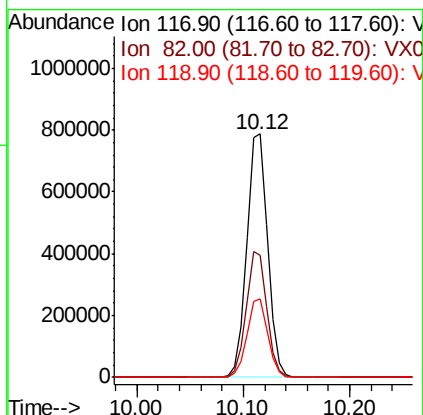
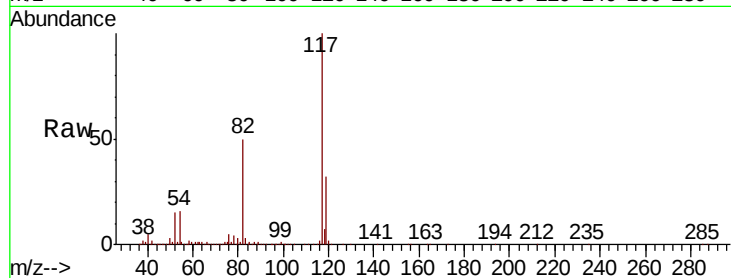




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006354.D
Acq: 07 Dec 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB-120618

Tot Ion:117 Resp: 1084355
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 32.5 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: VX006354.D
Acq: 07 Dec 2018 18:18

Tgt Ion:152 Resp: 530551
Ion Ratio Lower Upper
152 100
115 55.2 39.0 116.9
150 154.9 0.0 345.8

