

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006520.D
 Acq On : 14 Dec 2018 16:05
 Operator : JC/MD
 Sample : J6396-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8A_R1

Quant Time: Dec 15 04:59:05 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	684195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1091608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1000759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	369246	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	5.50	113	325604	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	8.71	98	1286242	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	470377	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

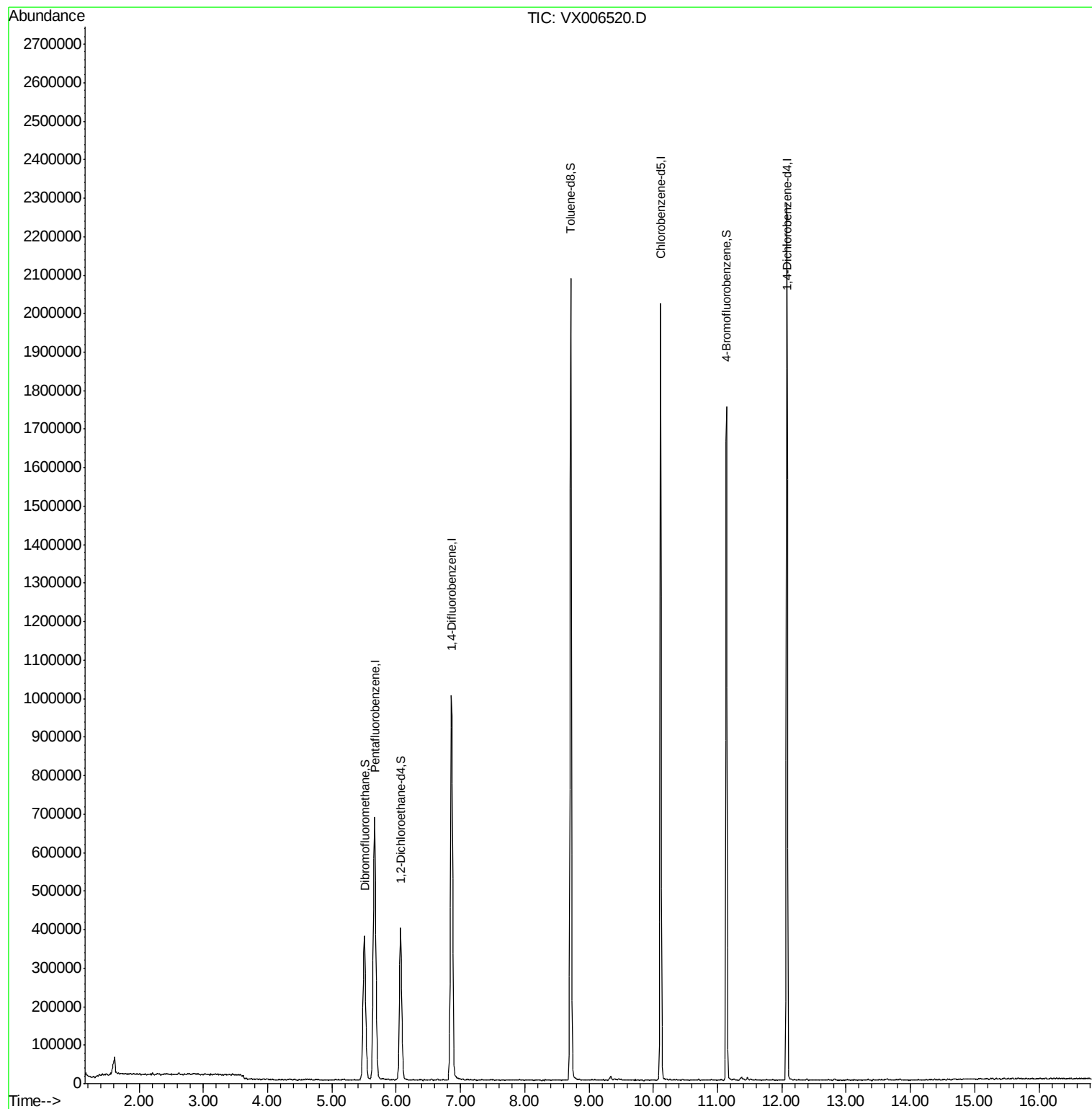
Target Compounds	Qvalue
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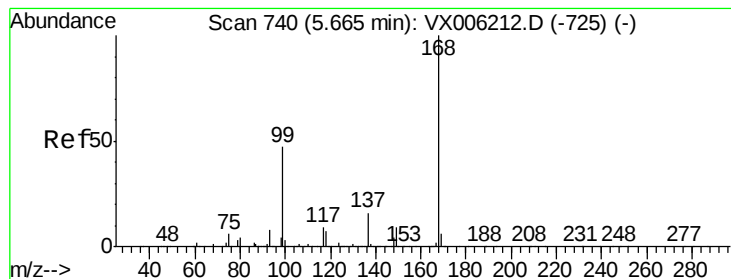
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampled :

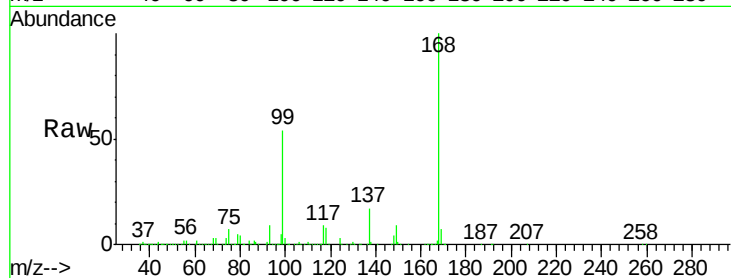
MW-8A_R1

Tgt Ion:168 Resp: 684195

Ion Ratio Lower Upper

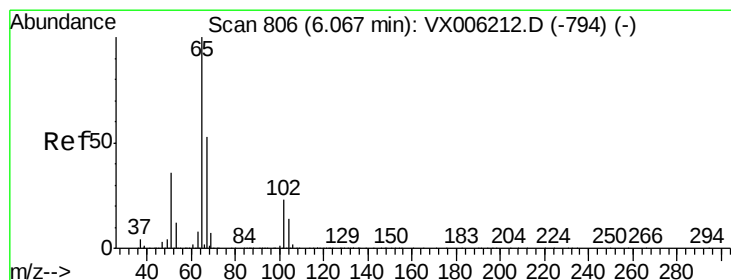
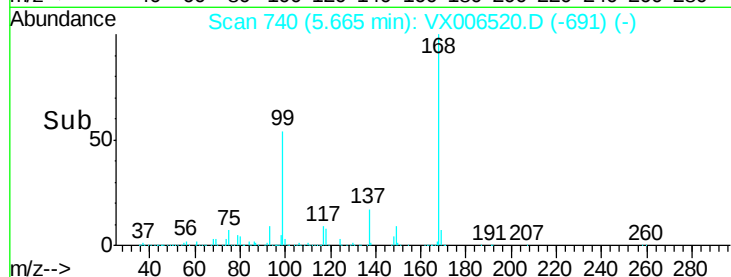
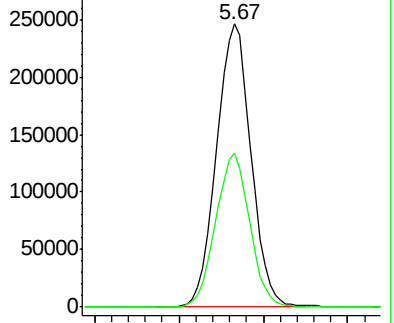
168 100

99 54.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.866 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006520.D

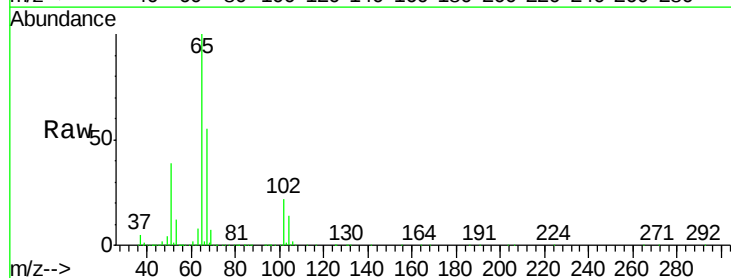
Acq: 14 Dec 2018 16:05

Tgt Ion: 65 Resp: 369246

Ion Ratio Lower Upper

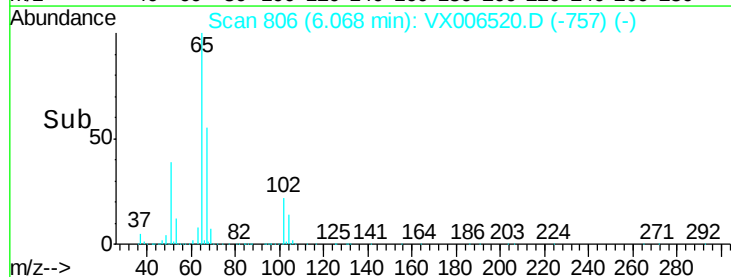
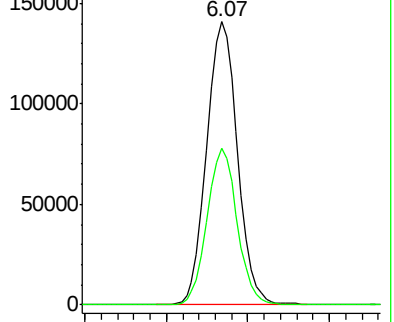
65 100

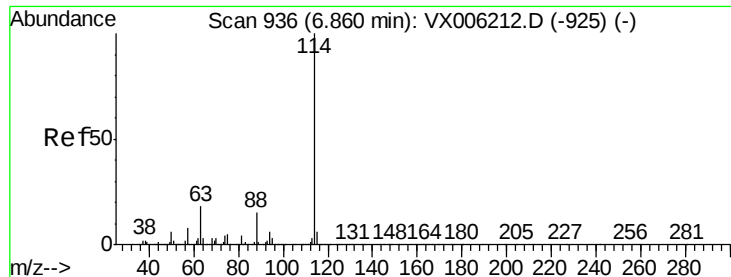
67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

MW-8A_R1

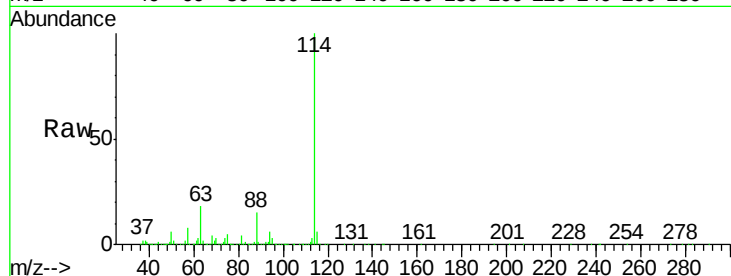
Tgt Ion:114 Resp: 1091608

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

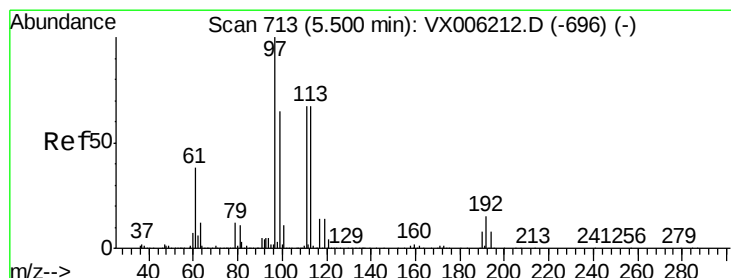
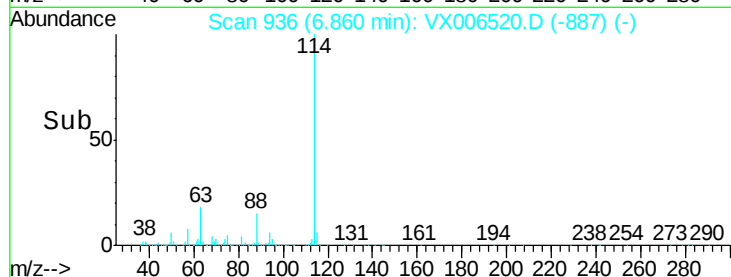
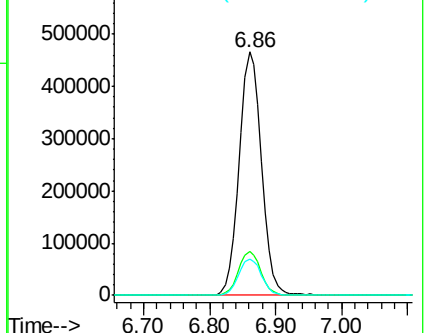
88 15.1 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

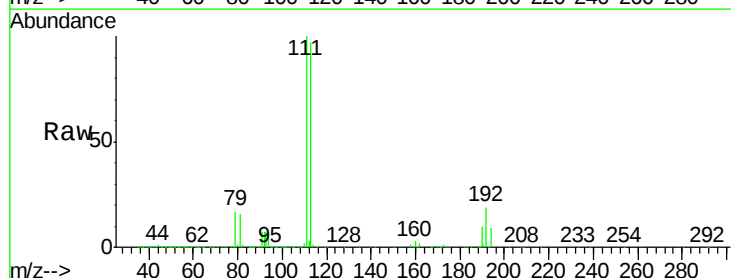
Tgt Ion:113 Resp: 325604

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

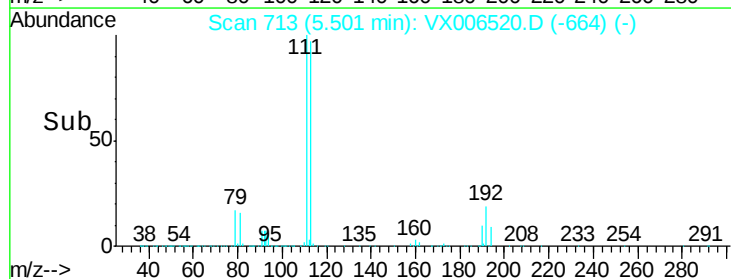
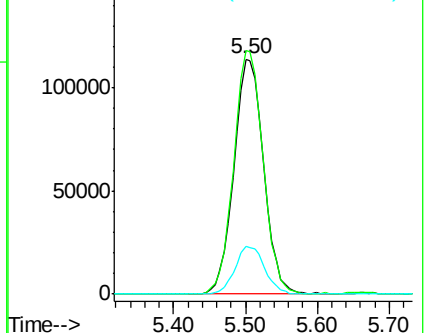
192 20.3 18.2 27.2



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: 50.032 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

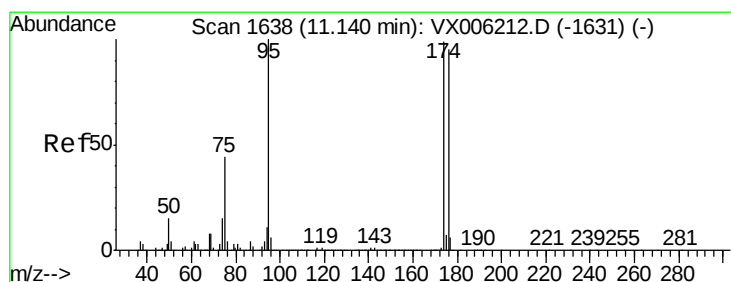
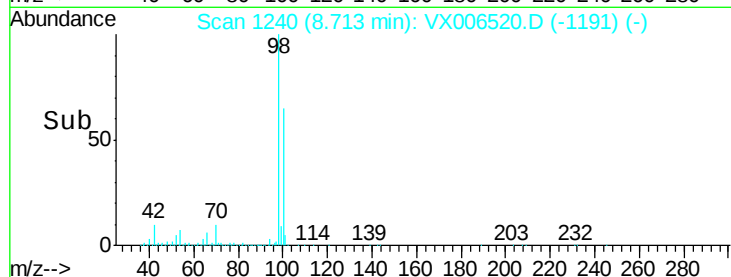
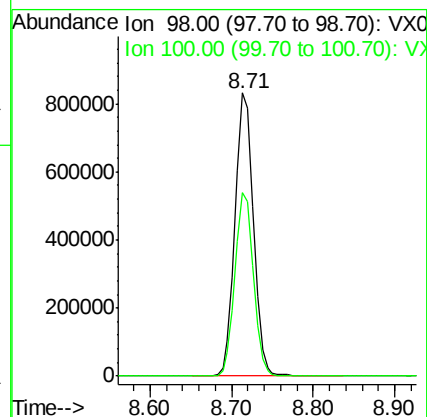
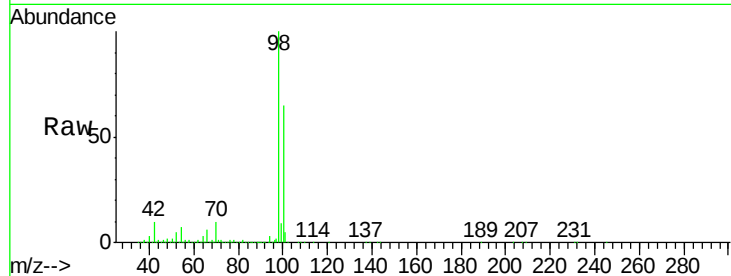
MW-8A_R1

Tgt Ion: 98 Resp: 1286242

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.554 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

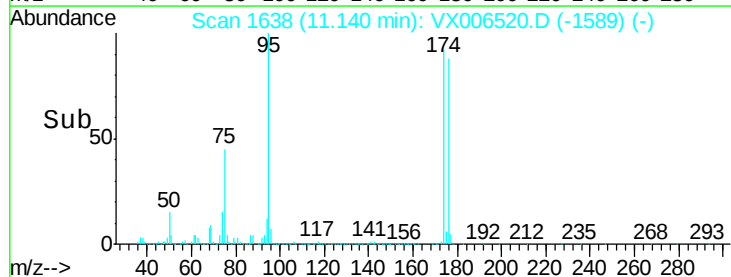
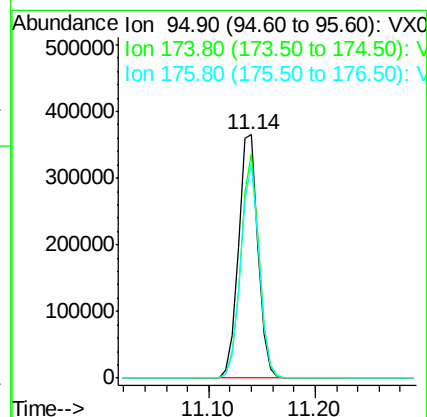
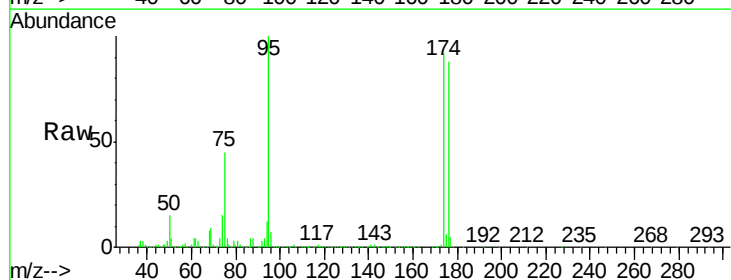
Tgt Ion: 95 Resp: 470377

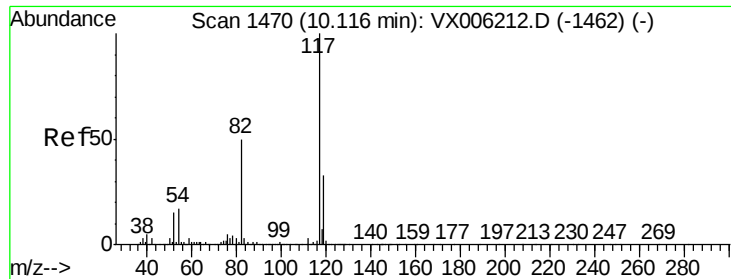
Ion Ratio Lower Upper

95 100

174 86.4 0.0 187.0

176 83.5 0.0 181.8

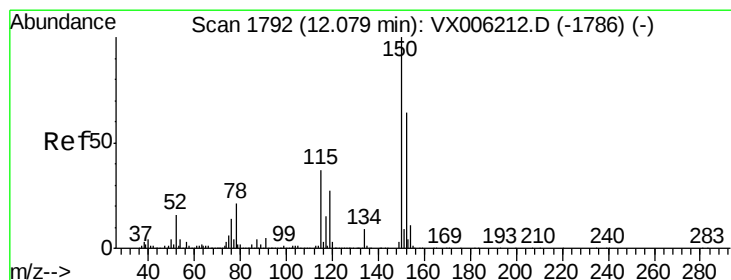
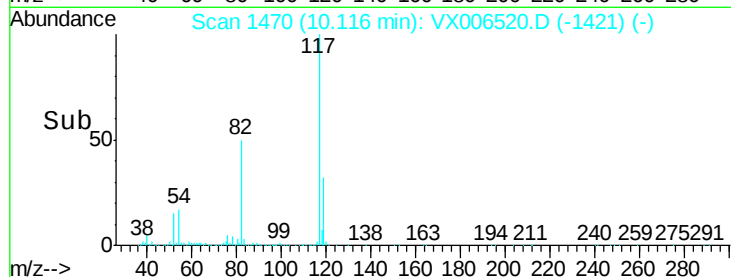
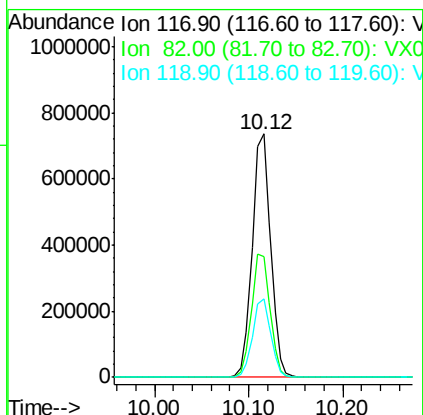
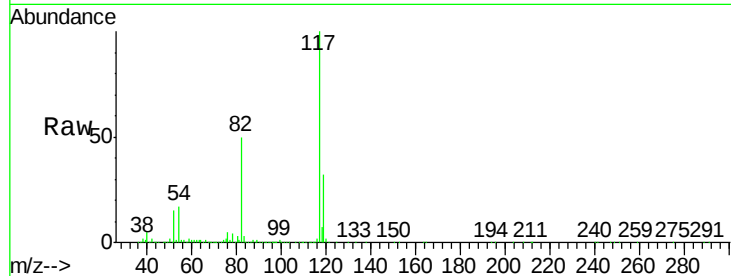




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

Instrument :
MSVOA_X
ClientSampleId :
MW-8A_R1

Tgt Ion:117 Resp: 1000759
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.4 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: VX006520.D
Acq: 14 Dec 2018 16:05

Tgt Ion:152 Resp: 477443
Ion Ratio Lower Upper
152 100
115 57.7 39.0 116.9
150 156.4 0.0 345.8

