

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006527.D
 Acq On : 14 Dec 2018 19:38
 Operator : JC/MD
 Sample : J6396-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14C_R1

Quant Time: Dec 15 05:30:04 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	653147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1046260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	942896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	357200	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.51	113	309679	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
50) Toluene-d8	8.71	98	1232982	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	449118	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

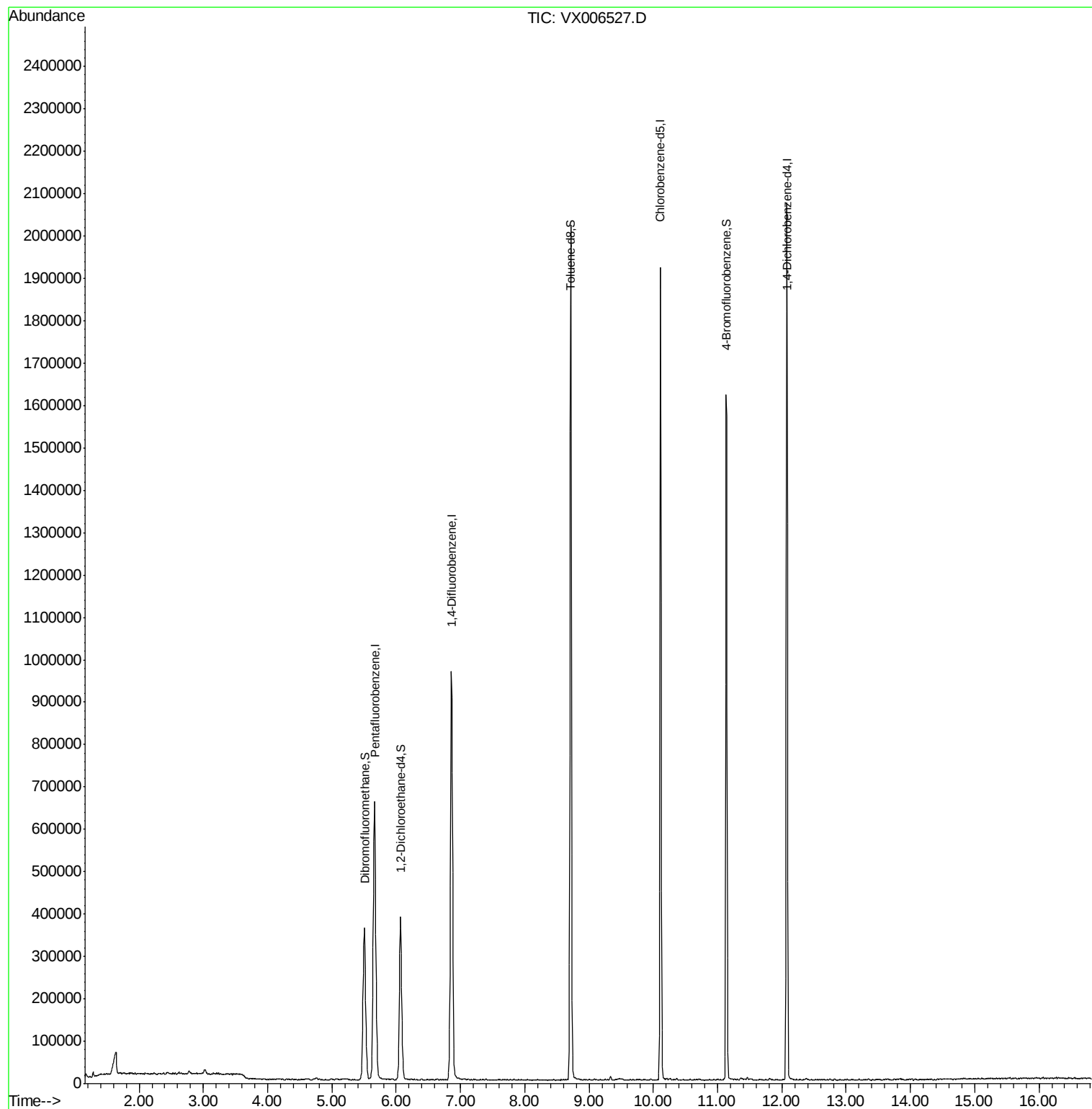
Target Compounds	Qvalue
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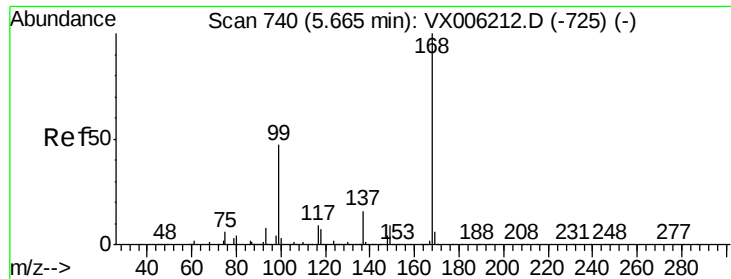
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006527.D

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Instrument :

MSVOA_X

ClientSampleId :

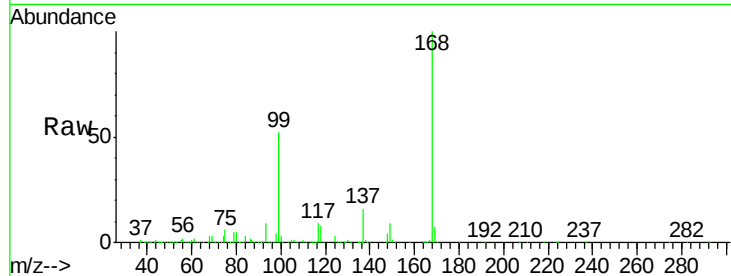
MW-14C_R1

Tgt Ion:168 Resp: 653147

Ion Ratio Lower Upper

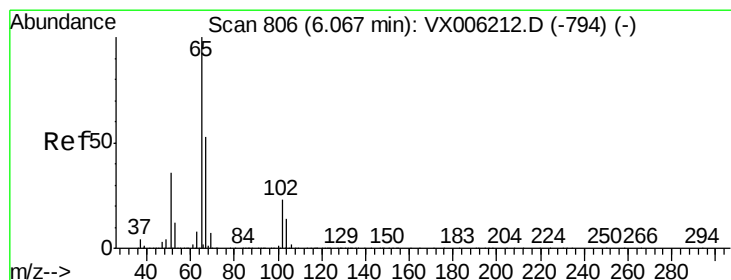
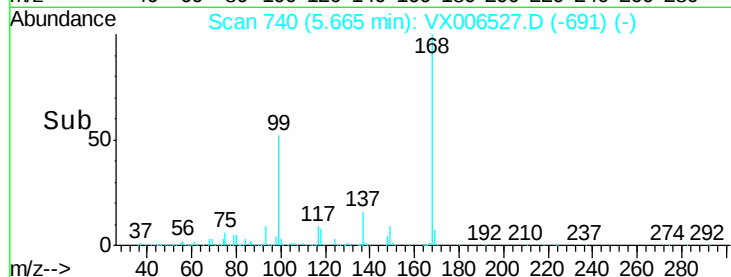
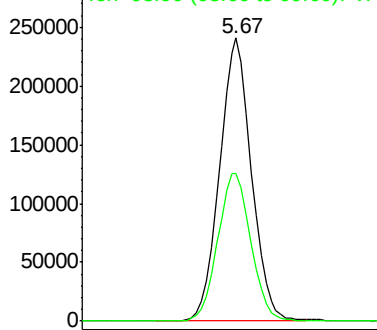
168 100

99 52.0 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: 53.573 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006527.D

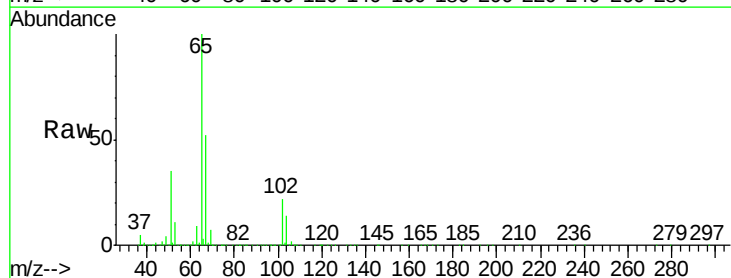
Acq: 14 Dec 2018 19:38

Tgt Ion: 65 Resp: 357200

Ion Ratio Lower Upper

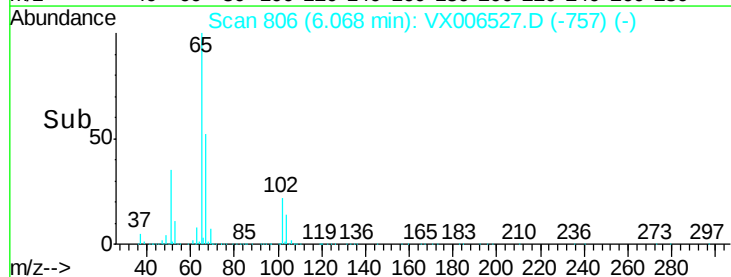
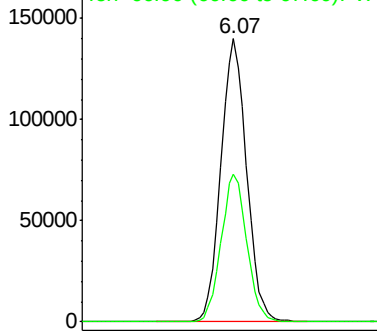
65 100

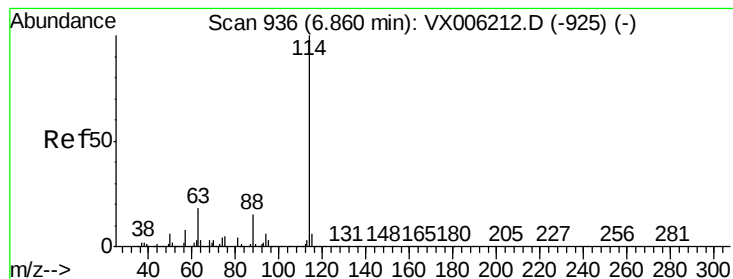
67 52.3 0.0 107.2



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: VX006527.D

Acq: 14 Dec 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

MW-14C_R1

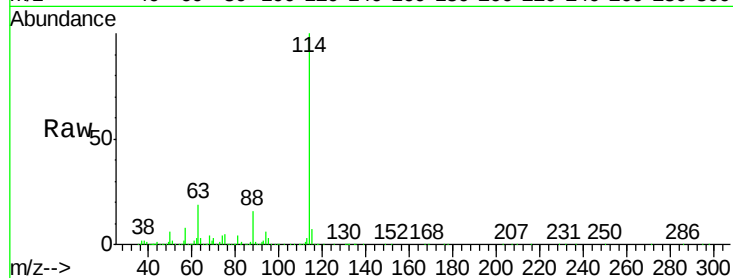
Tgt Ion:114 Resp: 1046260

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

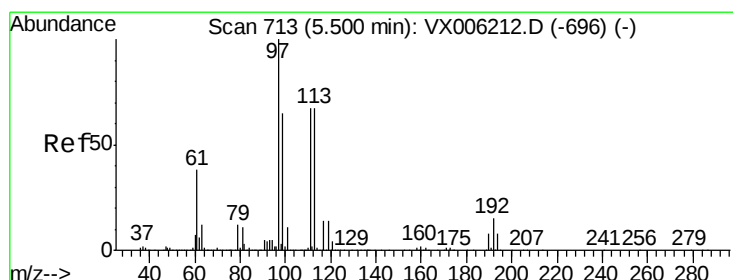
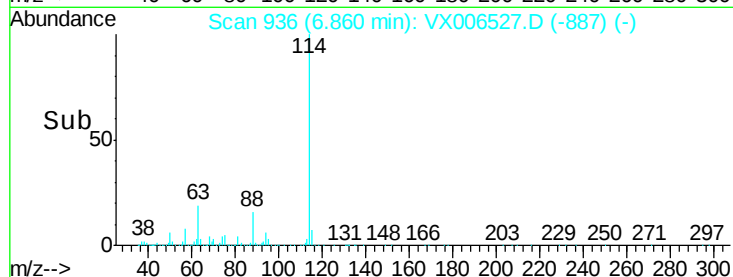
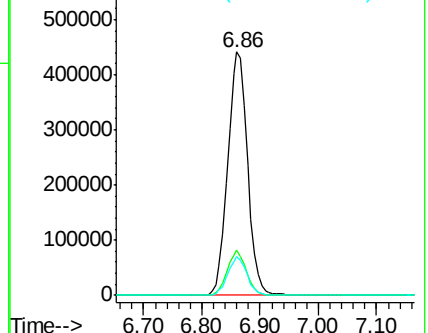
88 16.0 0.0 29.0



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: 45.715 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

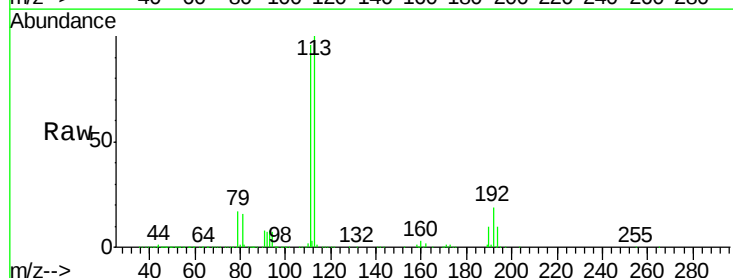
Tgt Ion:113 Resp: 309679

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

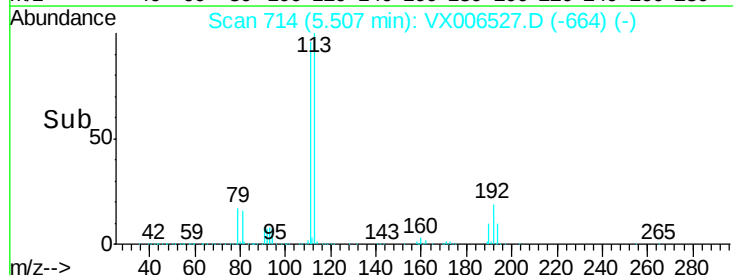
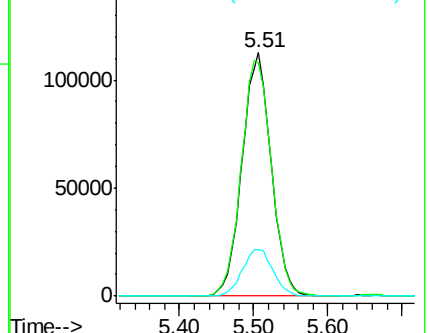
192 20.3 18.2 27.2



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: 50.039 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

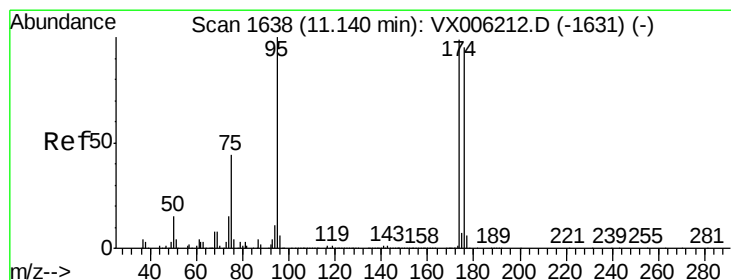
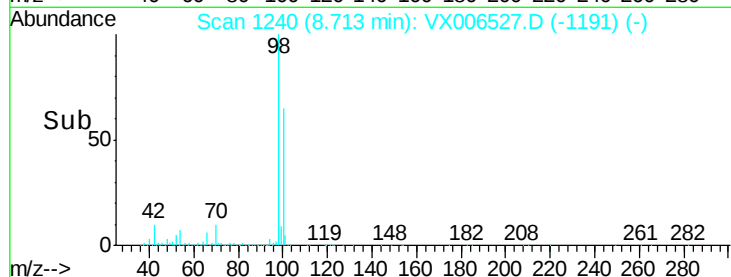
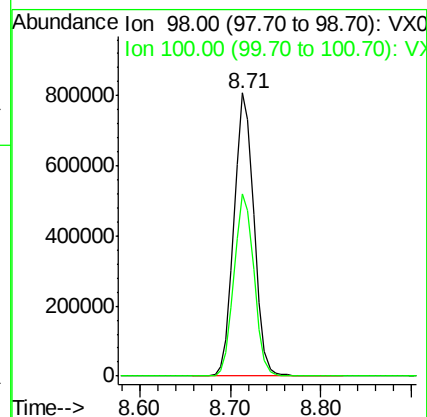
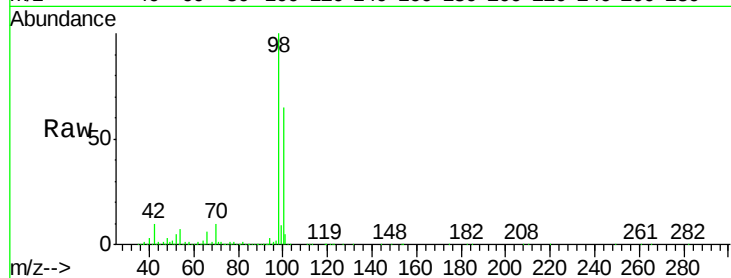
MW-14C_R1

Tgt Ion: 98 Resp: 1232982

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.369 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

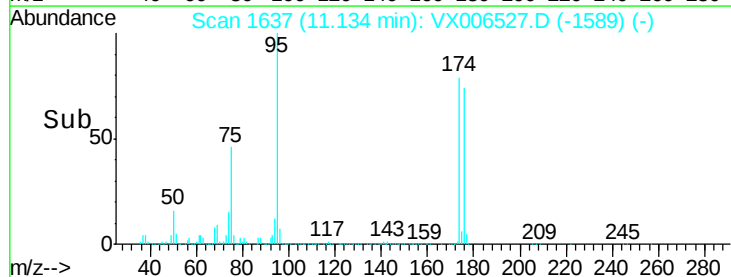
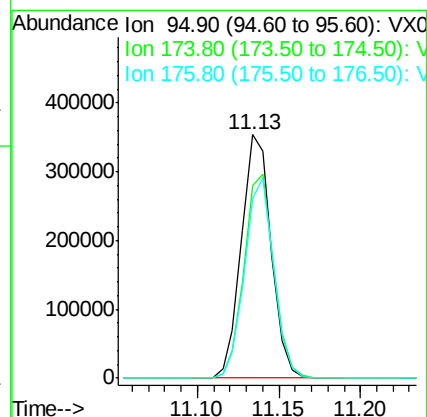
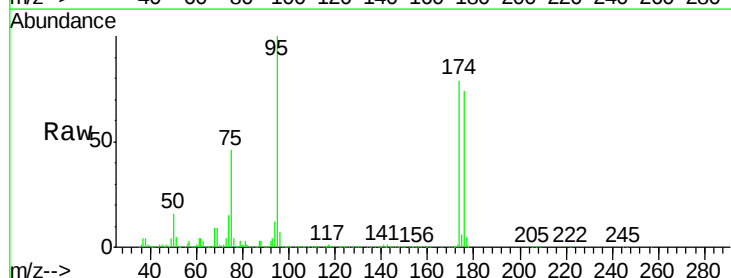
Tgt Ion: 95 Resp: 449118

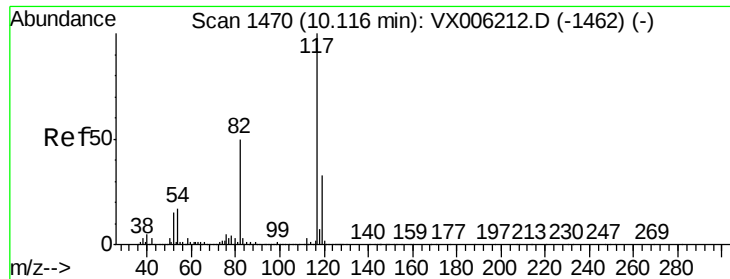
Ion Ratio Lower Upper

95 100

174 84.2 0.0 187.0

176 81.1 0.0 181.8

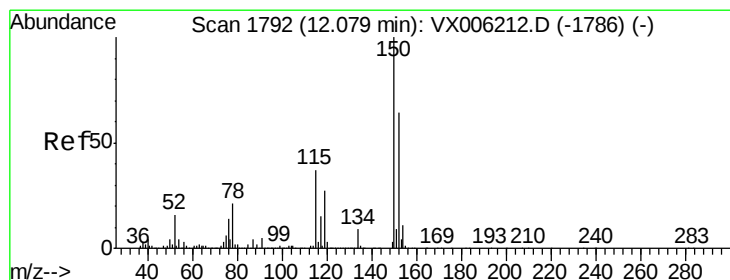
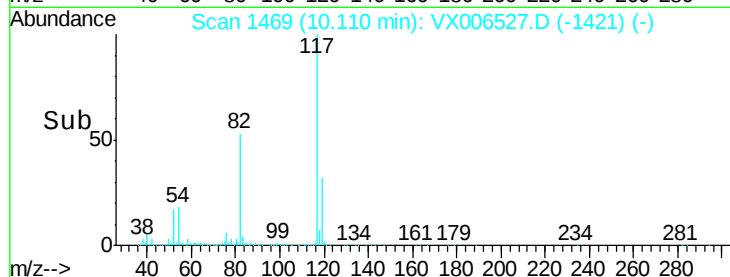
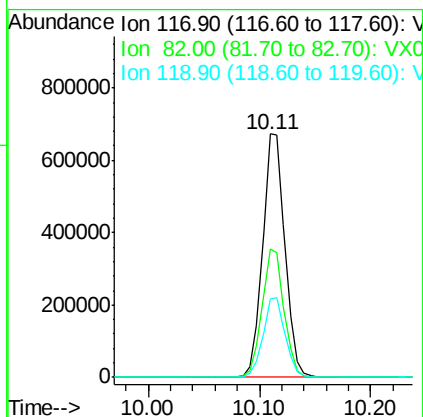
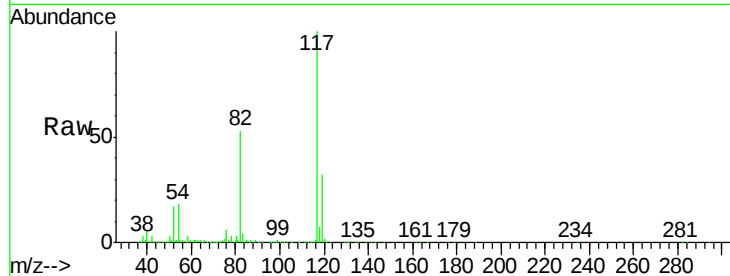




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006527.D
Acq: 14 Dec 2018 19:38

Instrument :
MSVOA_X
ClientSampled :
MW-14C_R1

Tgt Ion:117 Resp: 942896
Ion Ratio Lower Upper
117 100
82 52.8 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: VX006527.D
Acq: 14 Dec 2018 19:38

Tgt Ion:152 Resp: 444440
Ion Ratio Lower Upper
152 100
115 56.5 39.0 116.9
150 155.9 0.0 345.8

