

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006488.D
 Acq On : 13 Dec 2018 11:40
 Operator : JC/MD
 Sample : VX1213MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBL01

Quant Time: Dec 14 00:29:54 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	660515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	951519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	450721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	353871	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	5.51	113	314615	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.71	98	1213707	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	447202	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

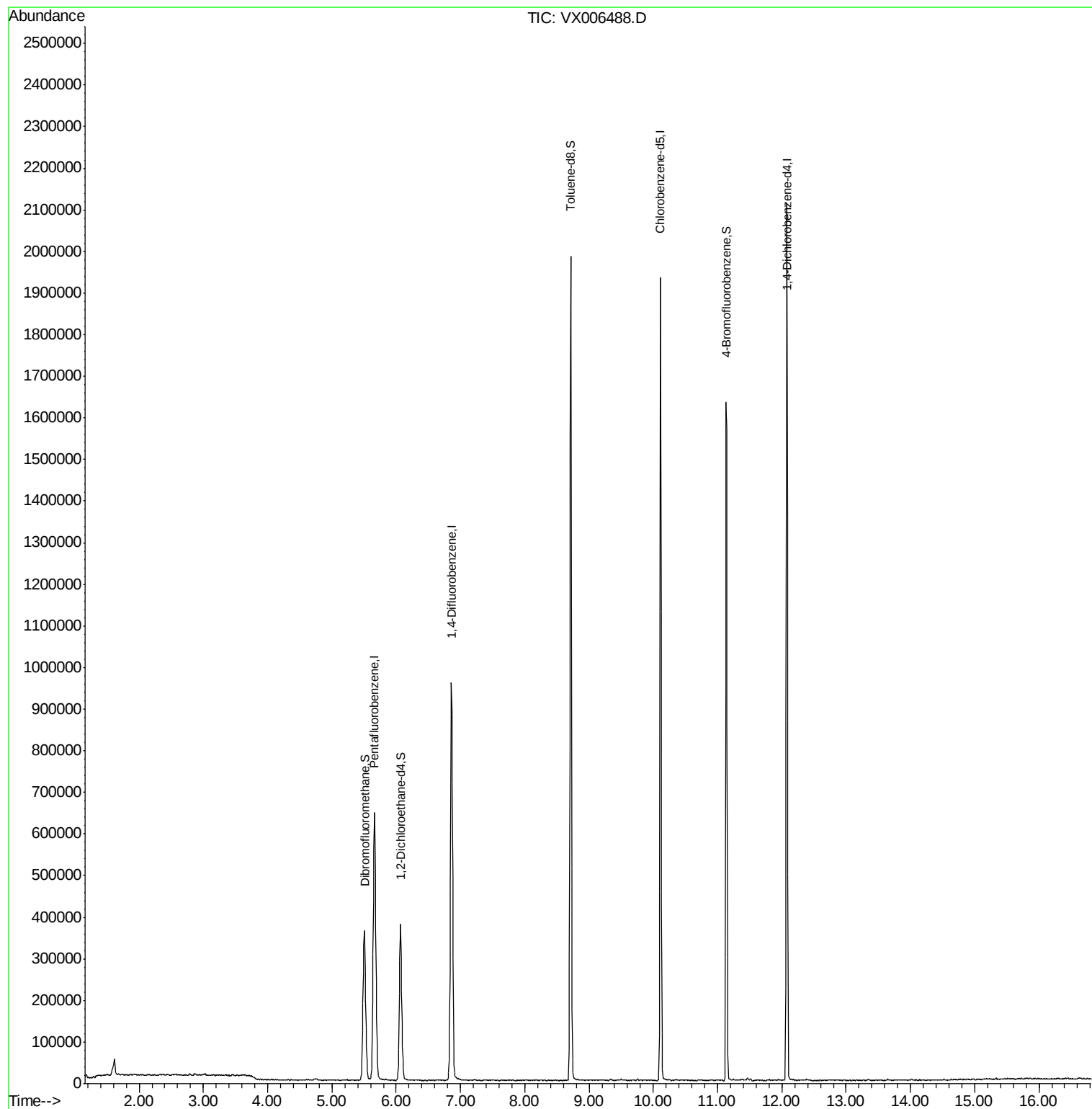
Target Compounds	Qvalue

(#) = 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. 0.00 min

Lab File: VX006488.D

Acq: 13 Dec 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

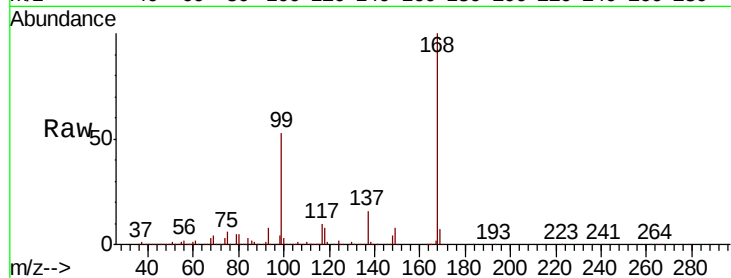
VX1213MBL01

Tot Ion:168 Resp: 660515

Ion Ratio Lower Upper

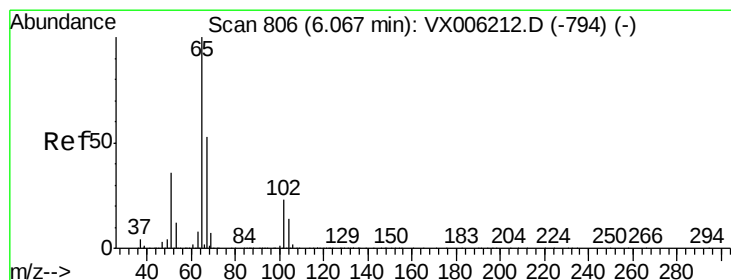
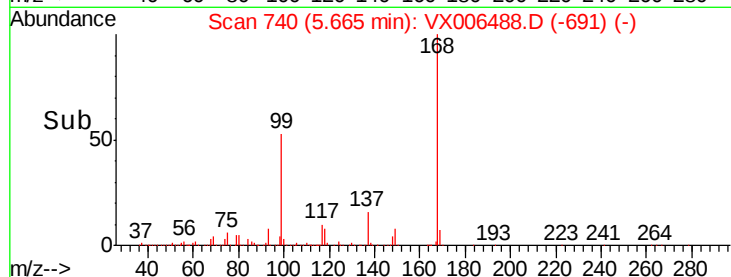
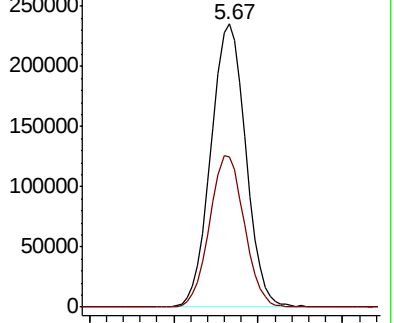
168 100

99 53.0 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: 52.481 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006488.D

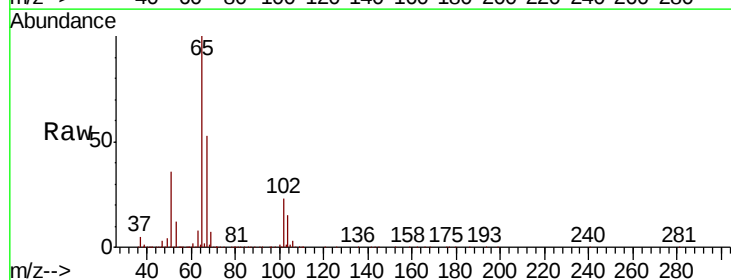
Acq: 13 Dec 2018 11:40

Tgt Ion: 65 Resp: 353871

Ion Ratio Lower Upper

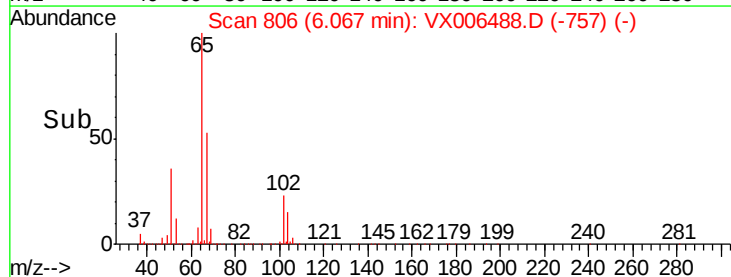
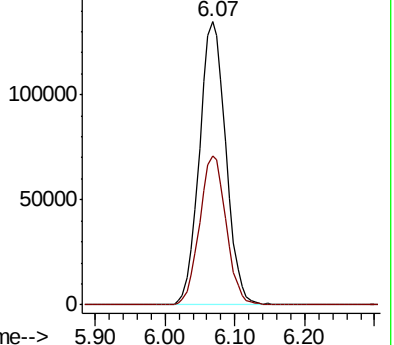
65 100

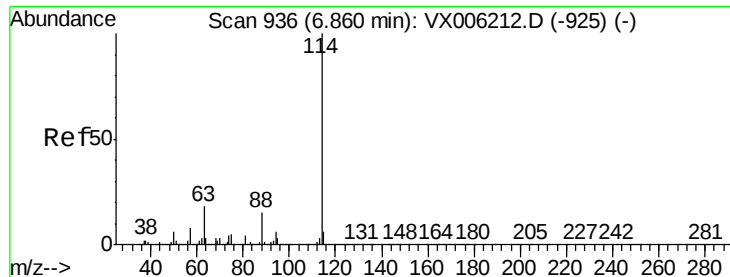
67 52.9 0.0 107.2



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: VX006488.D

Acq: 13 Dec 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

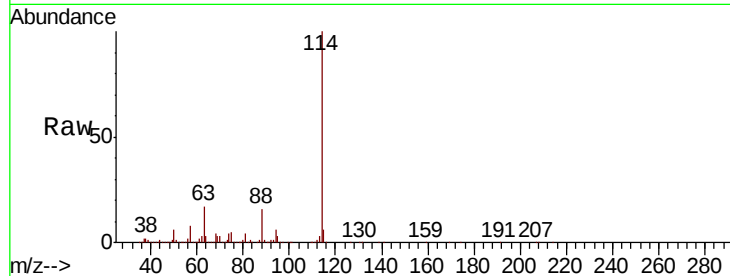
Tot Ion:114 Resp: 1042779

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

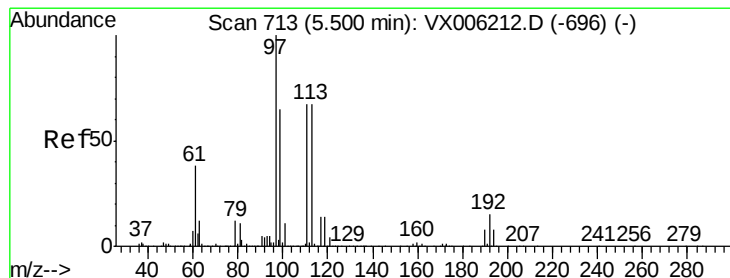
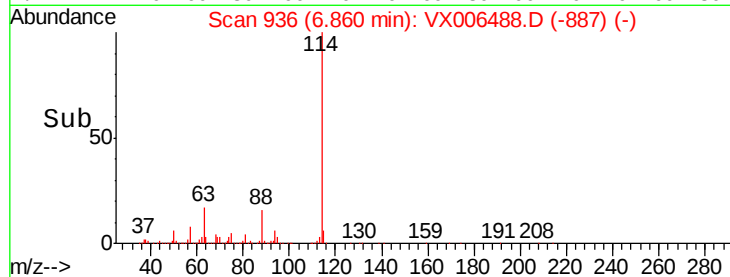
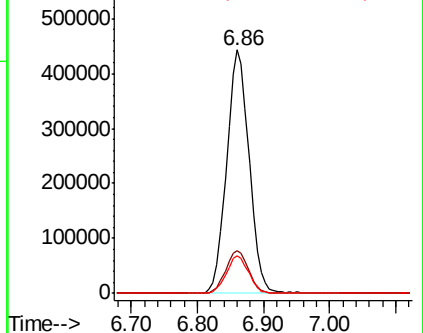
88 15.6 0.0 29.0



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: 46.599 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006488.D

Acq: 13 Dec 2018 11:40

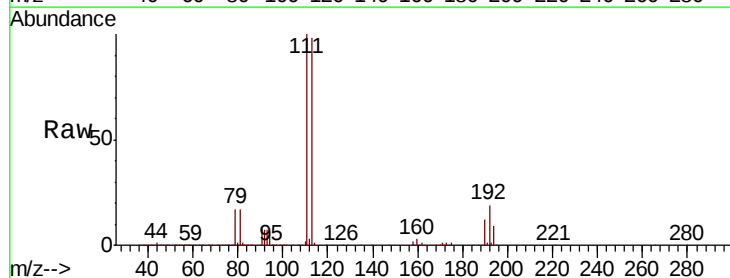
Tgt Ion:113 Resp: 314615

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

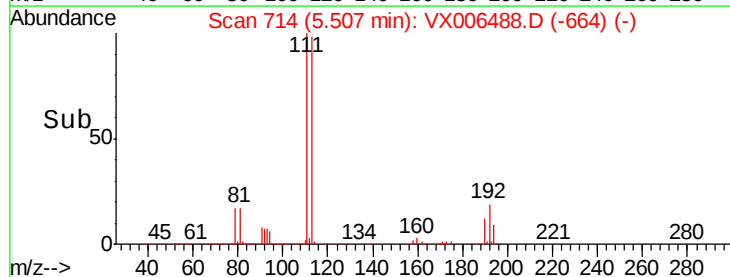
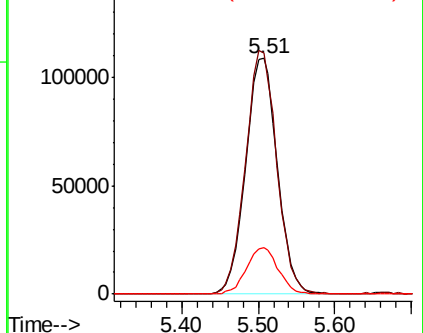
192 19.8 18.2 27.2



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: 49.421 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006488.D

Acq: 13 Dec 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

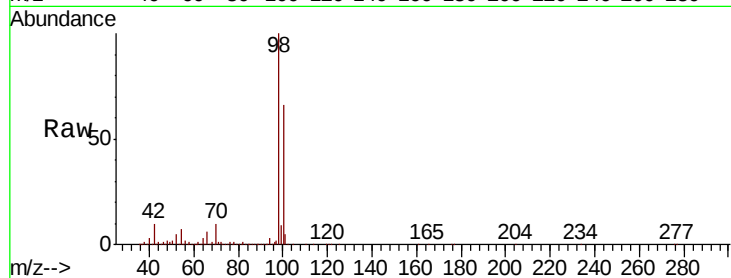
VX1213MBL01

Tot Ion: 98 Resp: 1213707

Ion Ratio Lower Upper

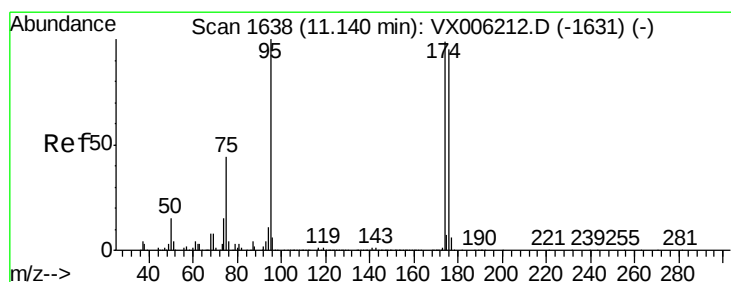
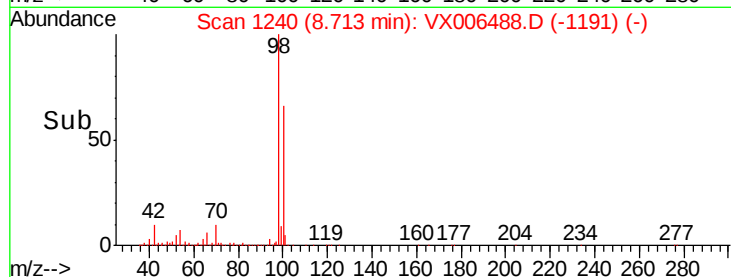
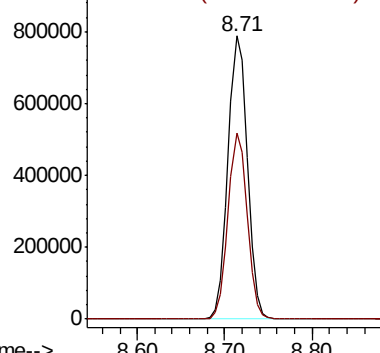
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006488.D

Acq: 13 Dec 2018 11:40

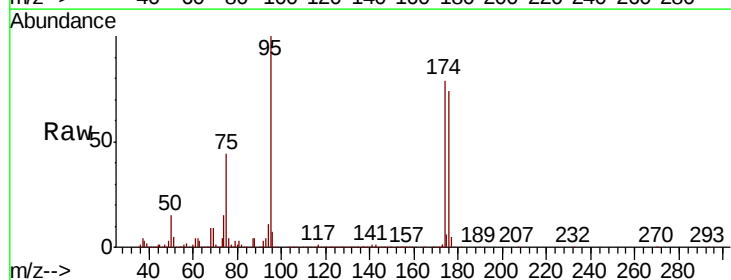
Tgt Ion: 95 Resp: 447202

Ion Ratio Lower Upper

95 100

174 85.1 0.0 187.0

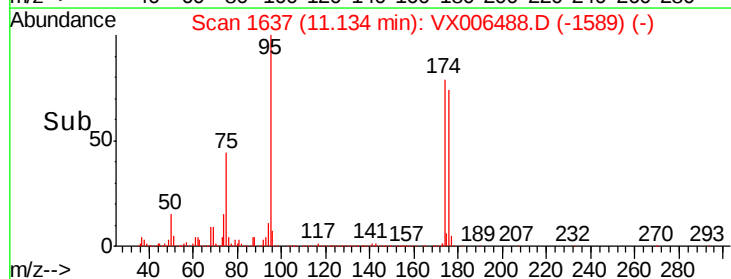
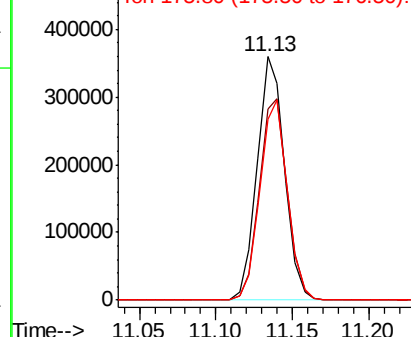
176 82.7 0.0 181.8



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

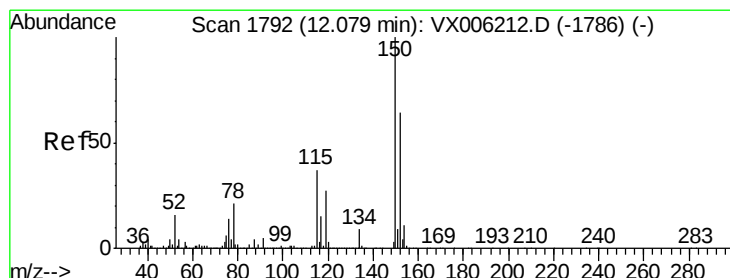
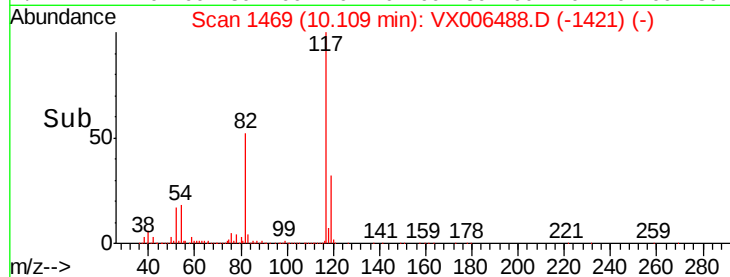
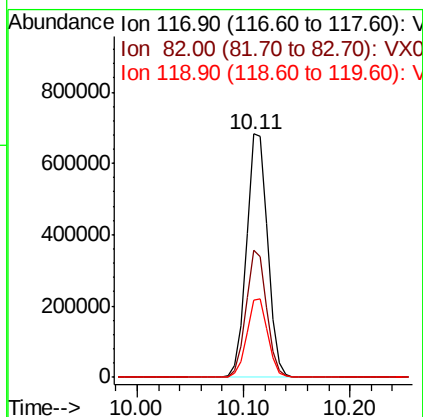
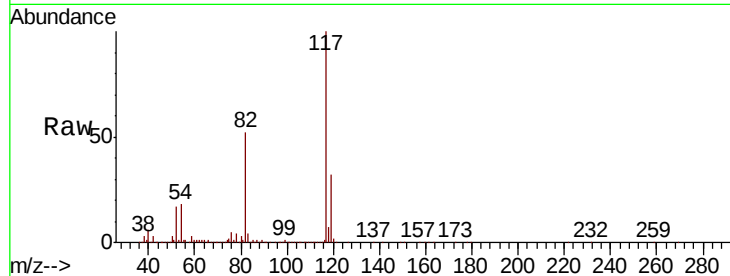




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006488.D
Acq: 13 Dec 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	39.6	59.4
119	31.6	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: VX006488.D
Acq: 13 Dec 2018 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	156.4	0.0	345.8

