

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016762.D
 Acq On : 15 Jun 2020 18:26
 Operator : JC/SP
 Sample : L3004-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-DUP-0570-200611

Quant Time: Jun 16 03:48:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	234100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	134616	51.12	ug/l	0.00
Spiked Amount						
			Recovery	=	102.24%	
35) Dibromofluoromethane	5.47	113	112053	49.22	ug/l	0.00
Spiked Amount						
			Recovery	=	98.44%	
50) Toluene-d8	8.70	98	445931	53.13	ug/l	0.00
Spiked Amount						
			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	11.12	95	179394	55.88	ug/l	0.00
Spiked Amount						
			Recovery	=	111.76%	

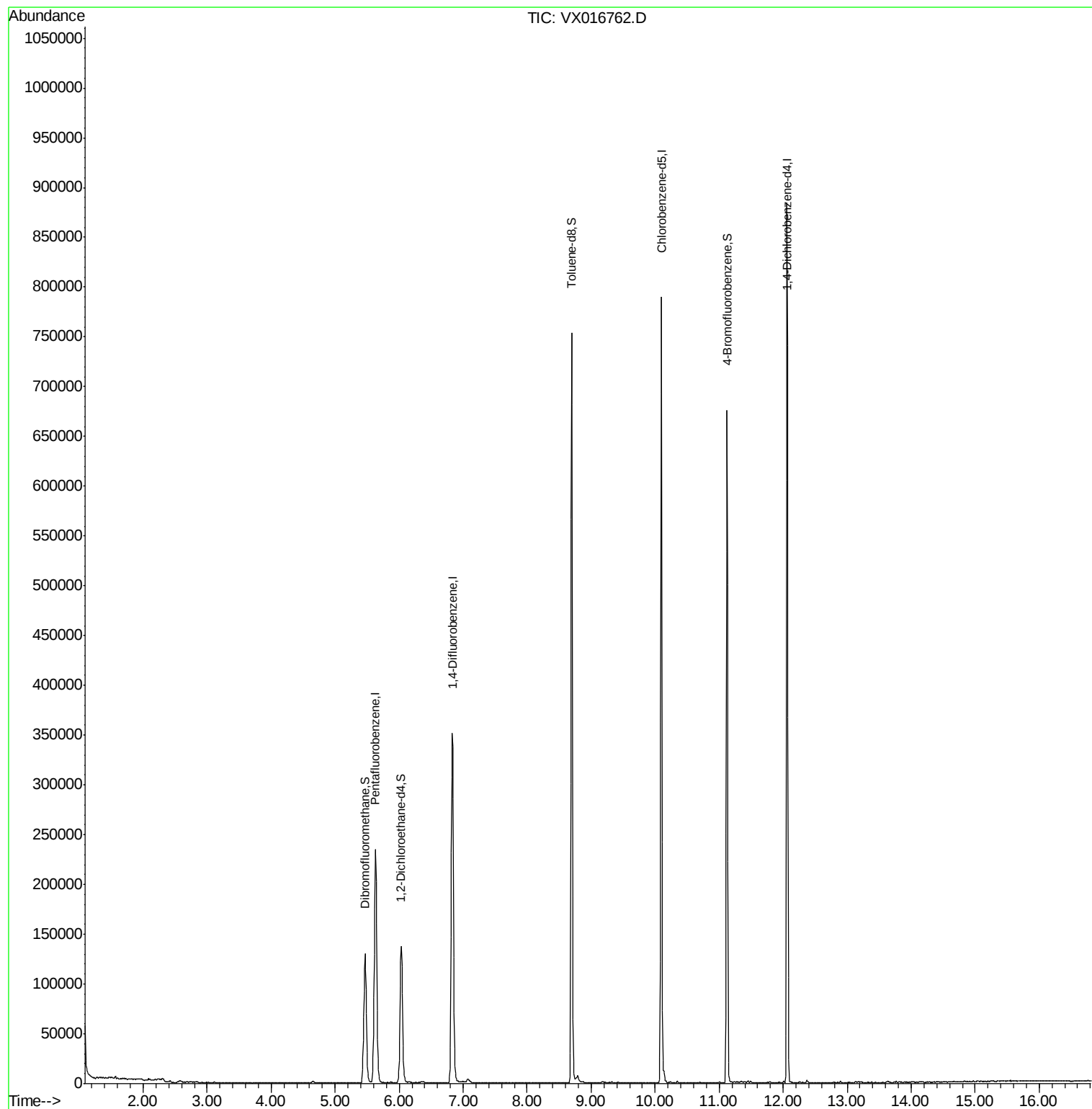
Target Compounds	Qvalue

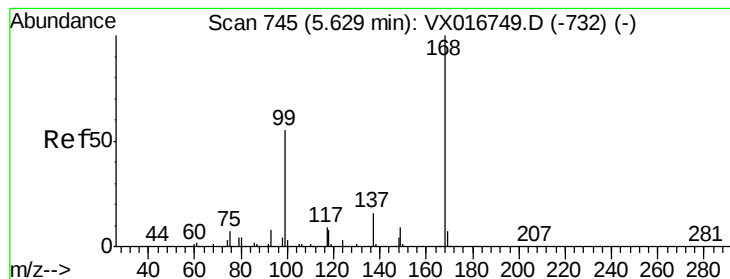
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016762.D

Acq: 15 Jun 2020 18:26

Instrument :

MSVOA_X

ClientSampleId :

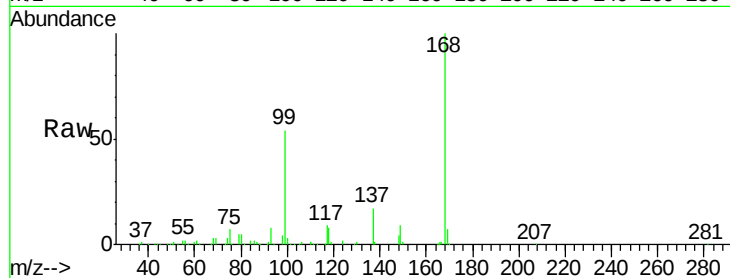
Z1-DUP-0570-200611

Tot Ion:168 Resp: 234100

Ion Ratio Lower Upper

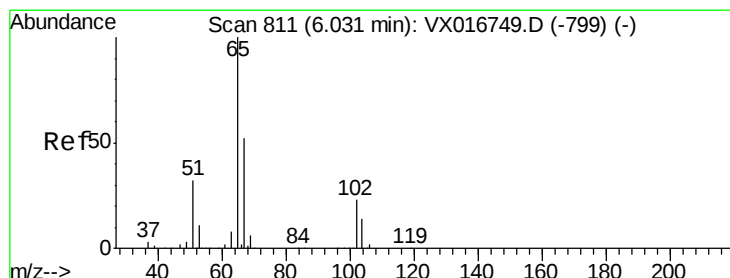
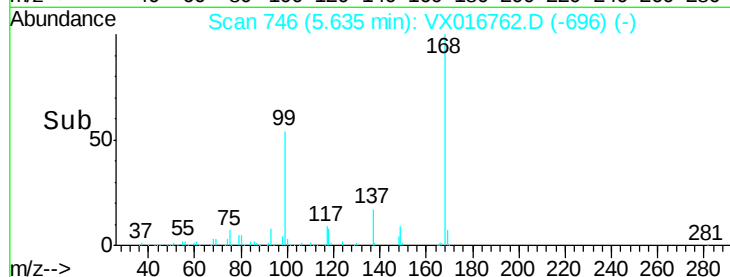
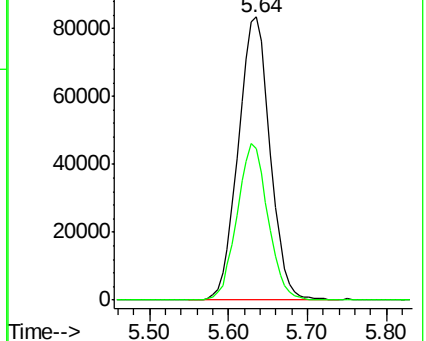
168 100

99 53.6 43.8 65.6



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: 51.124 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016762.D

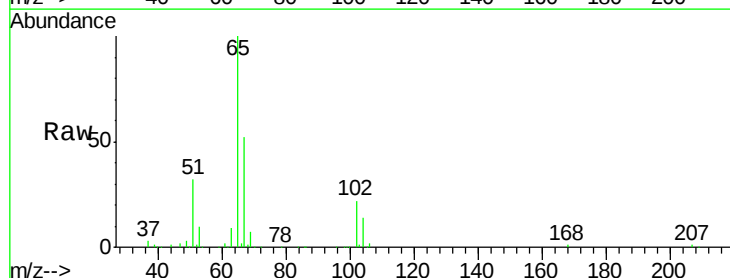
Acq: 15 Jun 2020 18:26

Tgt Ion: 65 Resp: 134616

Ion Ratio Lower Upper

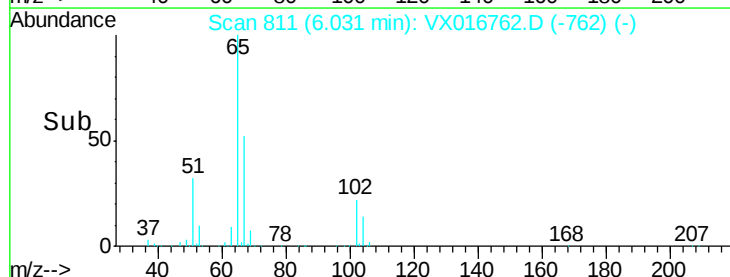
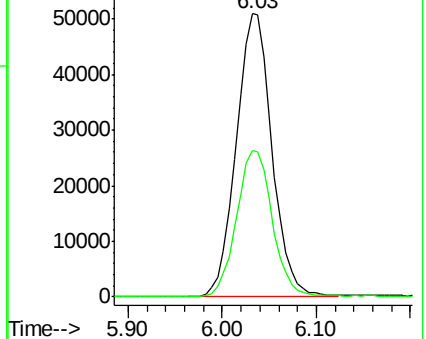
65 100

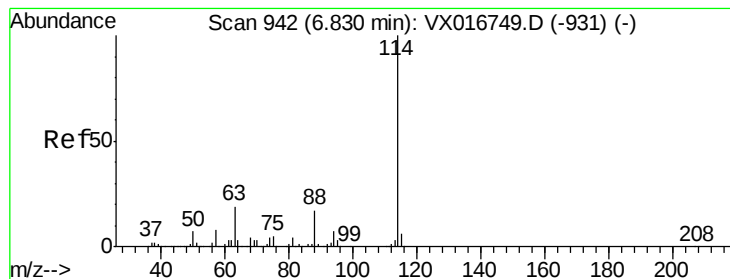
67 51.8 0.0 103.0



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016762.D

Acq: 15 Jun 2020 18:26

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0570-200611

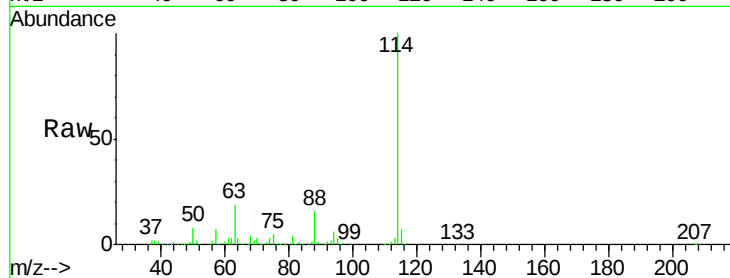
Tot Ion:114 Resp: 368952

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

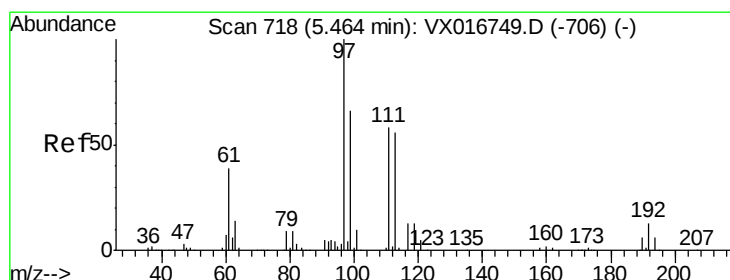
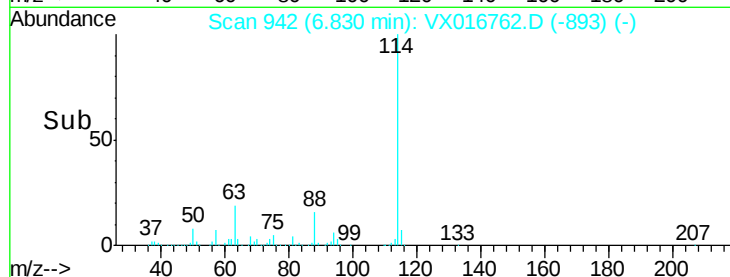
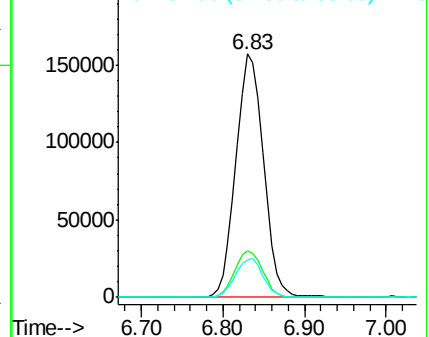
88 15.6 0.0 33.4



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: 49.224 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016762.D

Acq: 15 Jun 2020 18:26

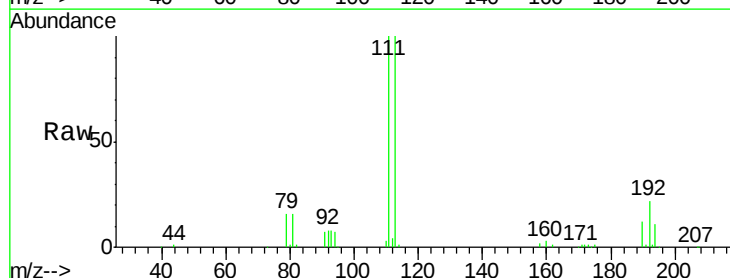
Tgt Ion:113 Resp: 112053

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

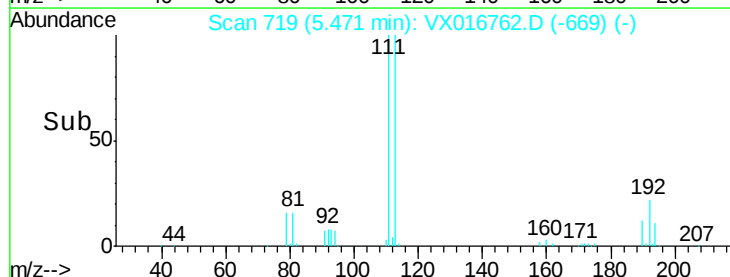
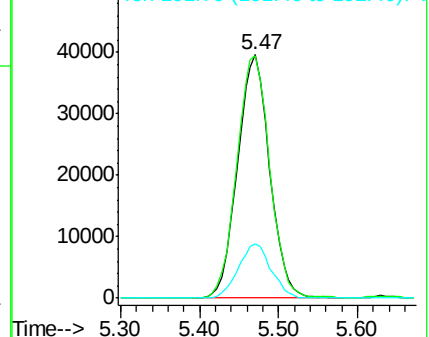
192 22.7 18.2 27.4

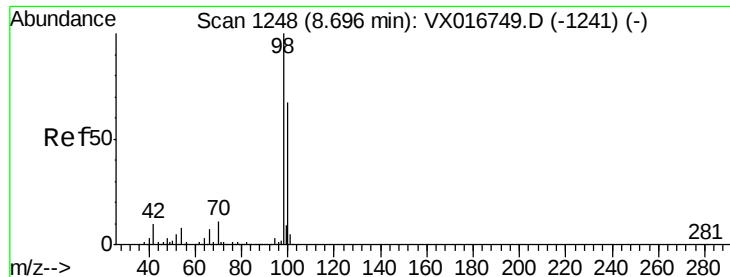


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.128 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016762.D

Acq: 15 Jun 2020 18:26

Instrument :

MSVOA_X

ClientSampleId :

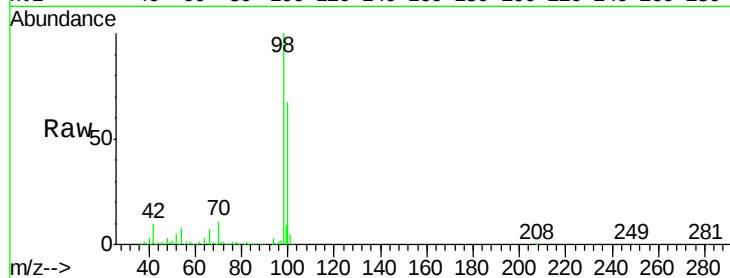
Z1-DUP-0570-200611

Tot Ion: 98 Resp: 445931

Ion Ratio Lower Upper

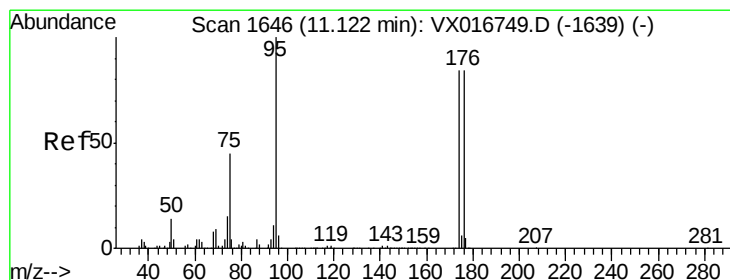
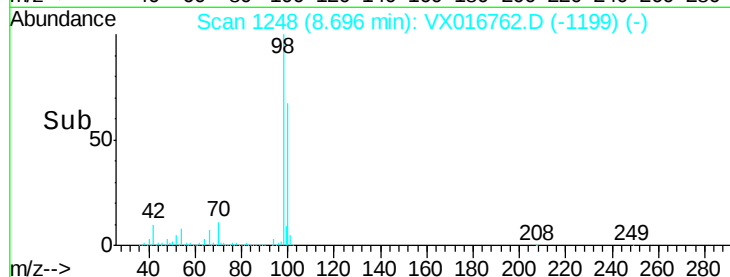
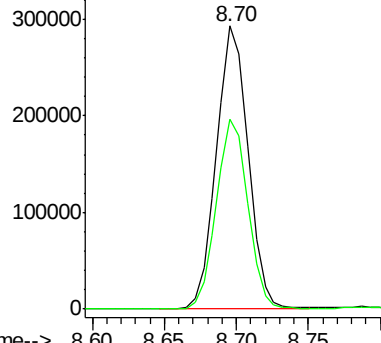
98 100

100 66.9 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.876 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016762.D

Acq: 15 Jun 2020 18:26

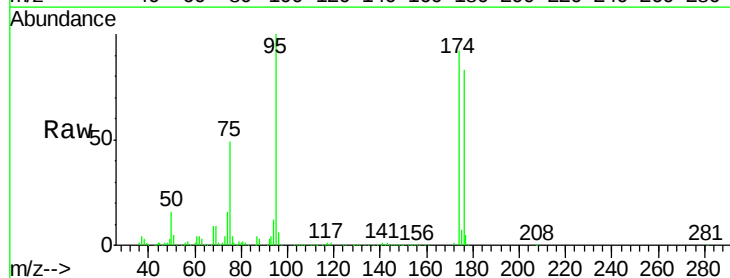
Tgt Ion: 95 Resp: 179394

Ion Ratio Lower Upper

95 100

174 86.4 0.0 171.0

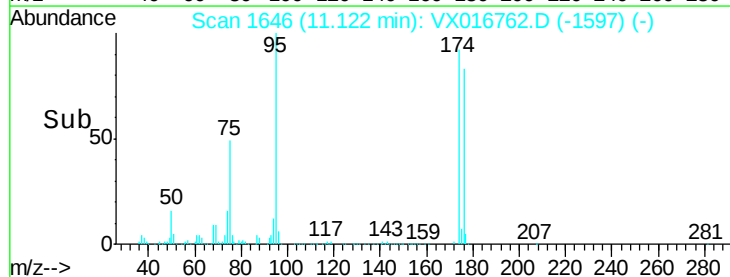
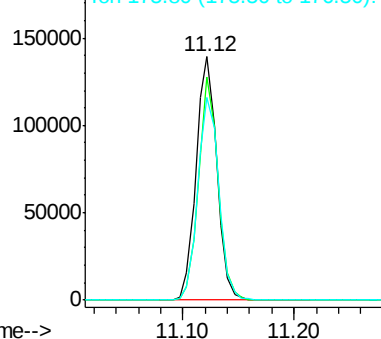
176 84.1 0.0 166.2

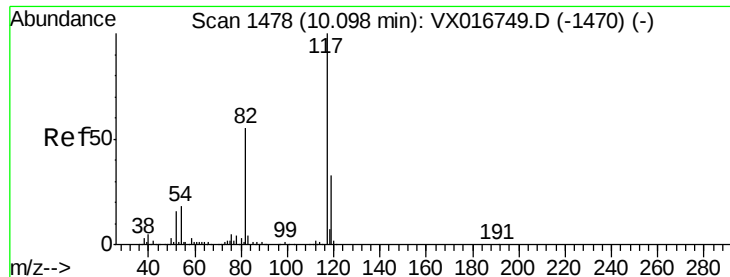


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

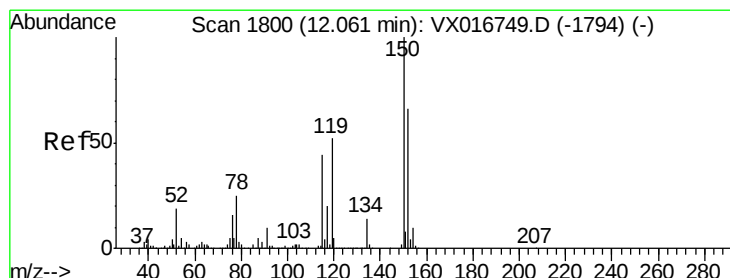
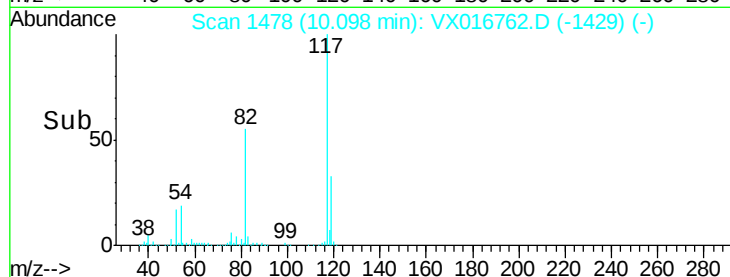
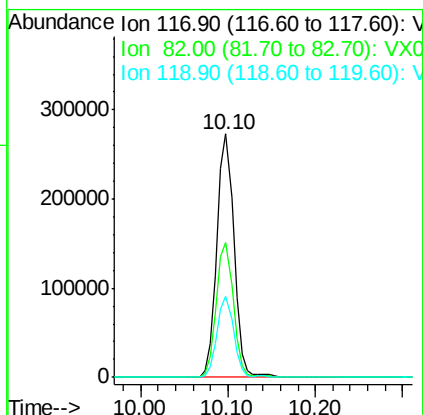
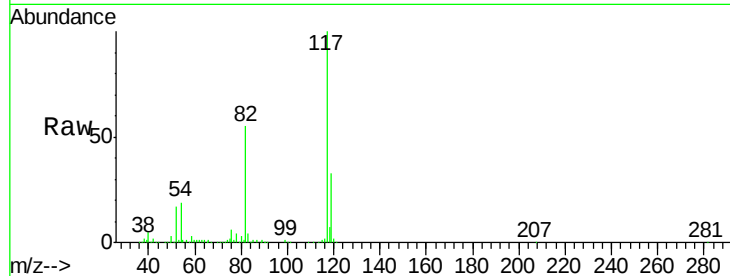




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016762.D
Acq: 15 Jun 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
Z1-DUP-0570-200611

Tot Ion:117 Resp: 369975
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.6
119 33.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016762.D
Acq: 15 Jun 2020 18:26

Tgt Ion:152 Resp: 189725
Ion Ratio Lower Upper
152 100
115 57.7 40.3 120.8
150 157.6 0.0 337.4

