

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016770.D
 Acq On : 16 Jun 2020 11:37
 Operator : JC/SP
 Sample : VX0616WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

Quant Time: Jun 17 04:12:18 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	5.63	168	254251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	385338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183269	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	141807	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.46	113	118537	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.70	98	478332	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.12	95	183562	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

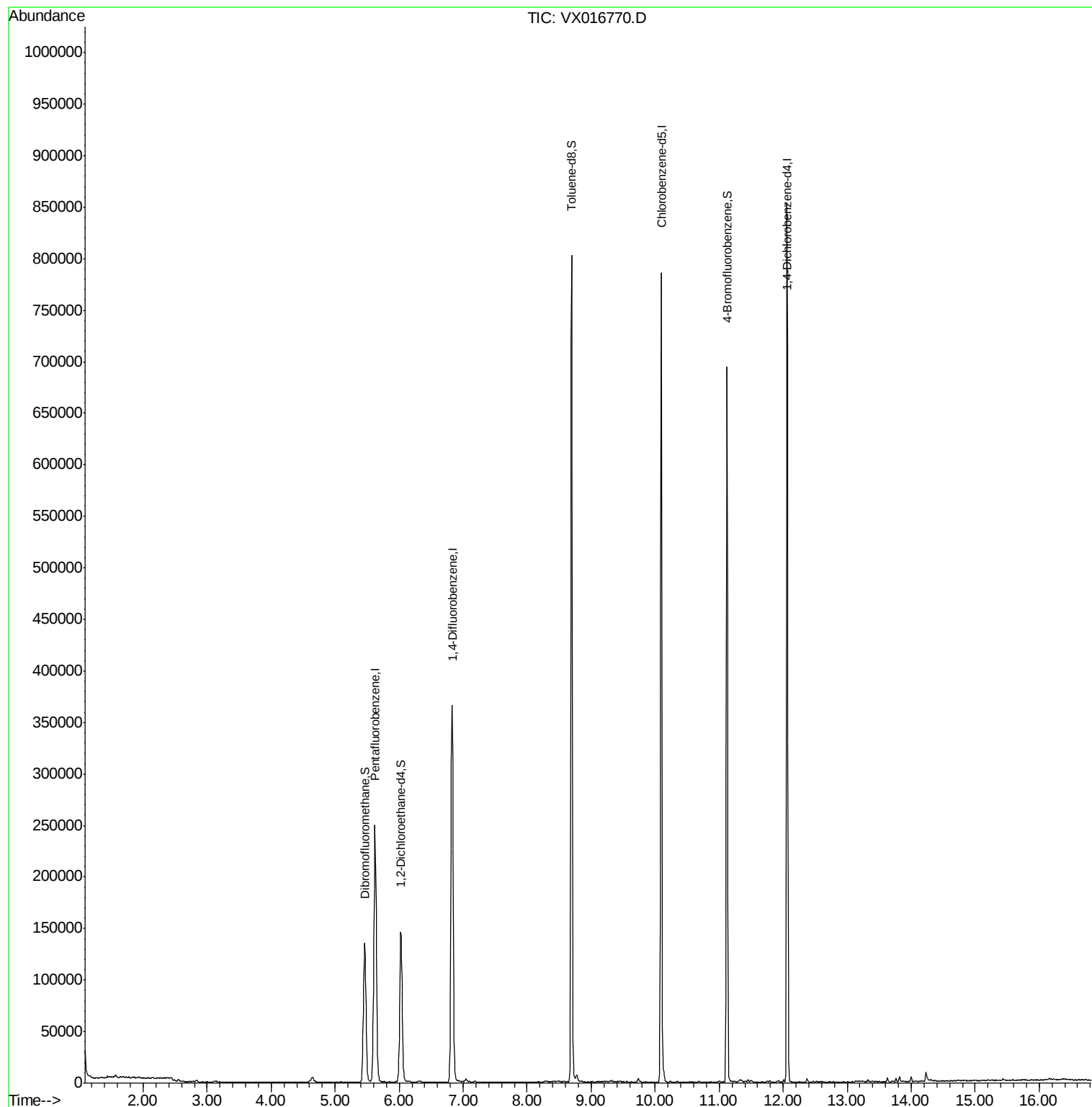
Target Compounds	Qvalue

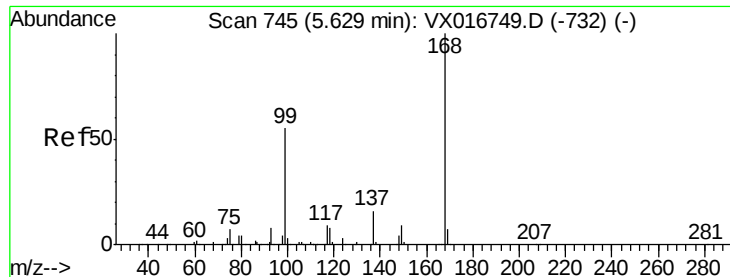
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016770.D

Acq: 16 Jun 2020 11:37

Instrument :

MSVOA_X

ClientSampled :

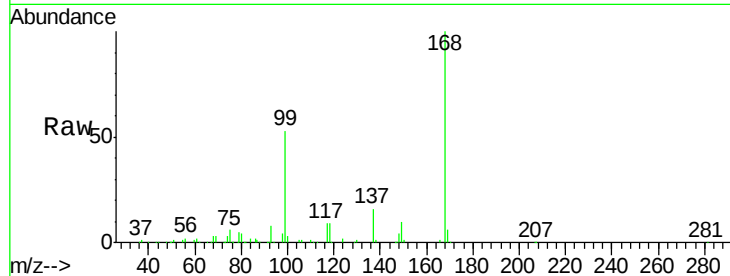
VX0616WBL01

Tot Ion:168 Resp: 254251

Ion Ratio Lower Upper

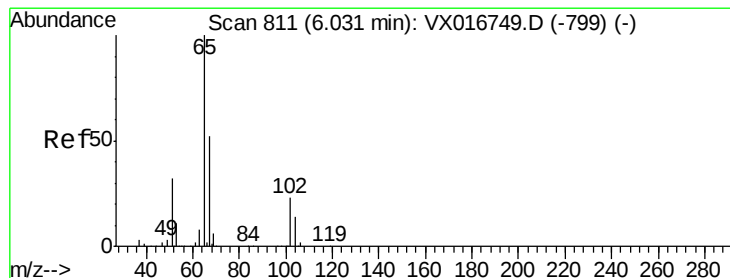
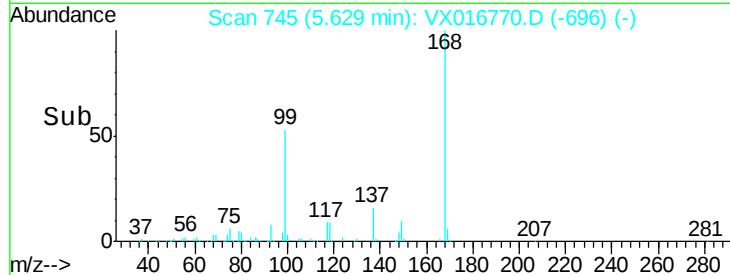
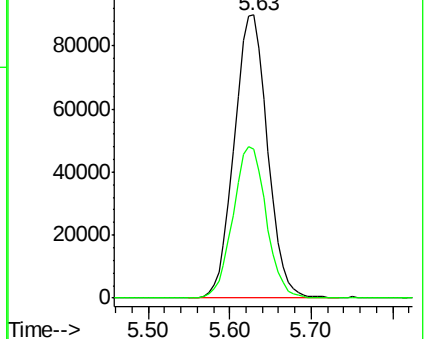
168 100

99 52.8 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: 49.588 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016770.D

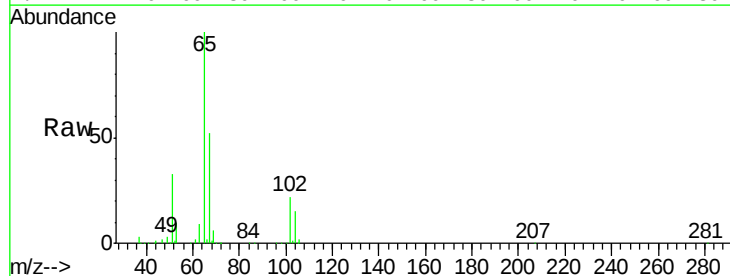
Acq: 16 Jun 2020 11:37

Tgt Ion: 65 Resp: 141807

Ion Ratio Lower Upper

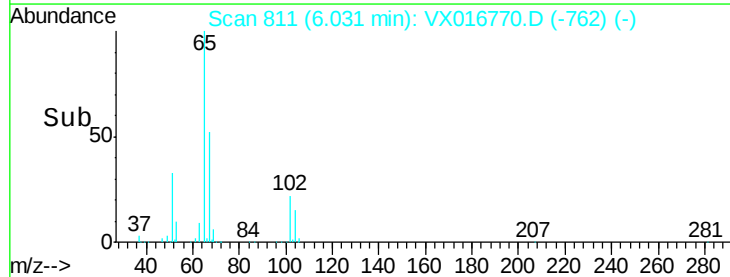
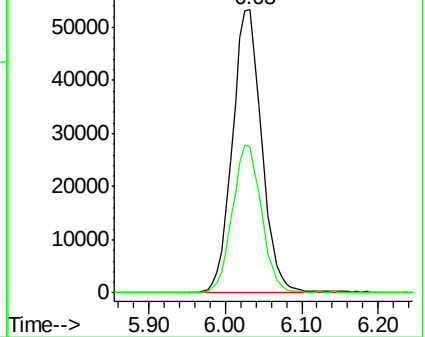
65 100

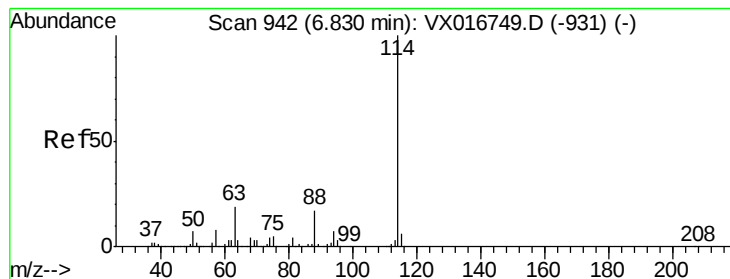
67 51.5 0.0 103.0



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: VX016770.D

Acq: 16 Jun 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBL01

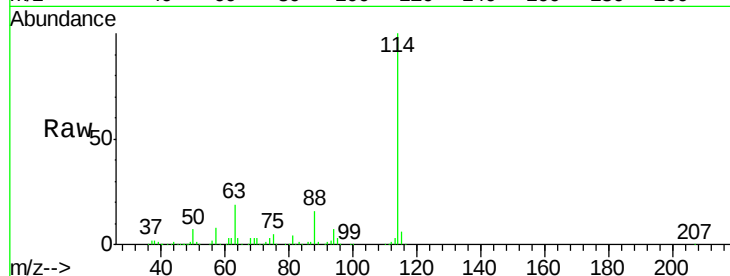
Tot Ion:114 Resp: 388437

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

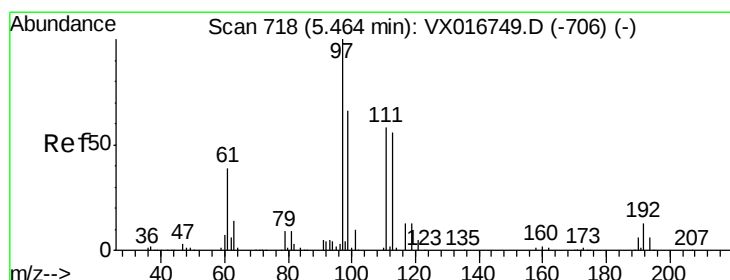
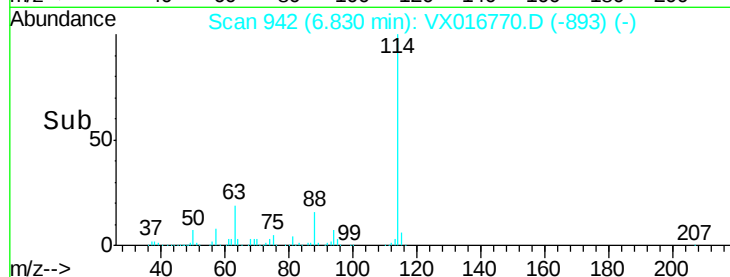
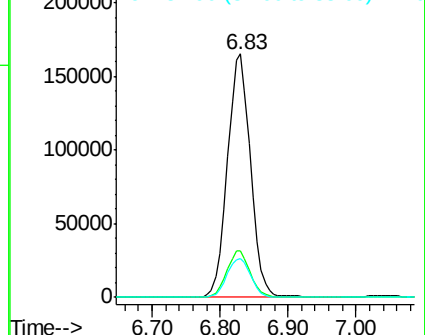
88 15.9 0.0 33.4



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: 49.461 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016770.D

Acq: 16 Jun 2020 11:37

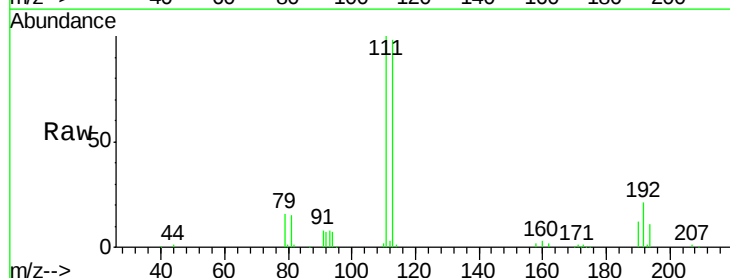
Tgt Ion:113 Resp: 118537

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

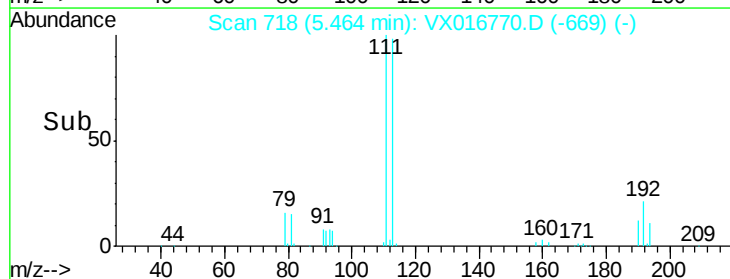
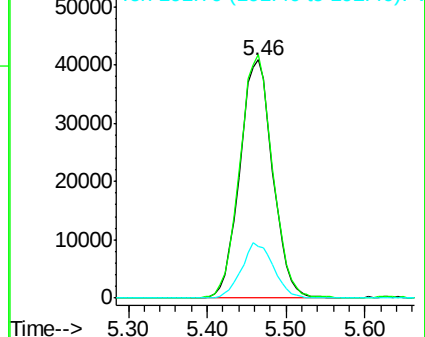
192 22.7 18.2 27.4

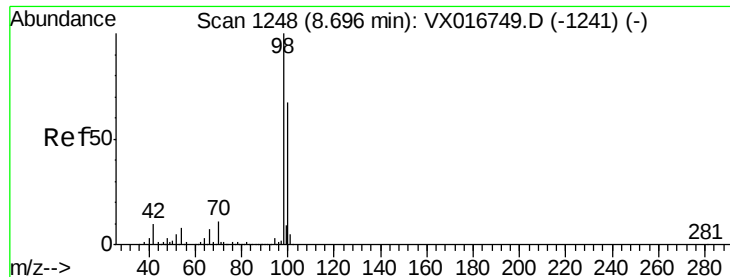


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.129 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016770.D

Acq: 16 Jun 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

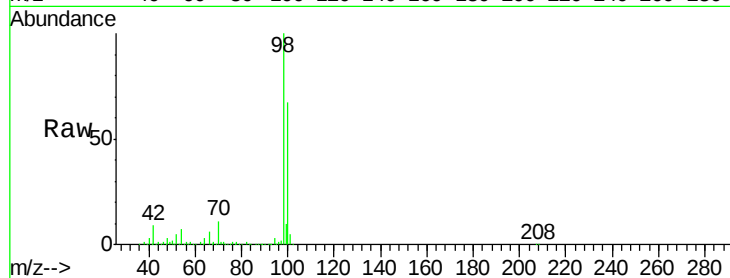
VX0616WBL01

Tot Ion: 98 Resp: 478332

Ion Ratio Lower Upper

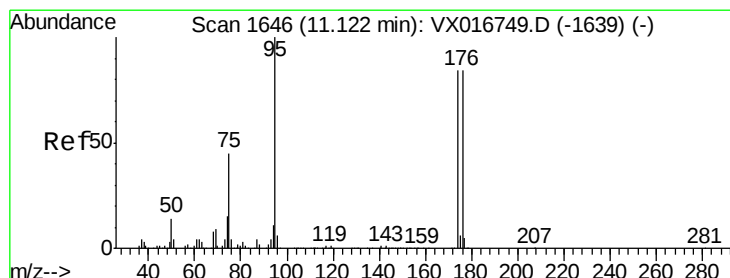
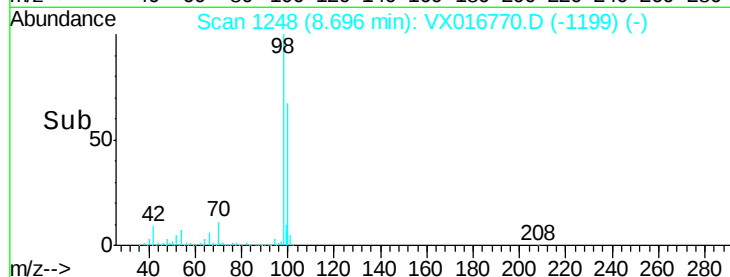
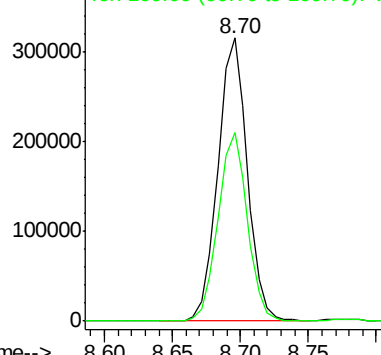
98 100

100 66.5 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: 54.307 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016770.D

Acq: 16 Jun 2020 11:37

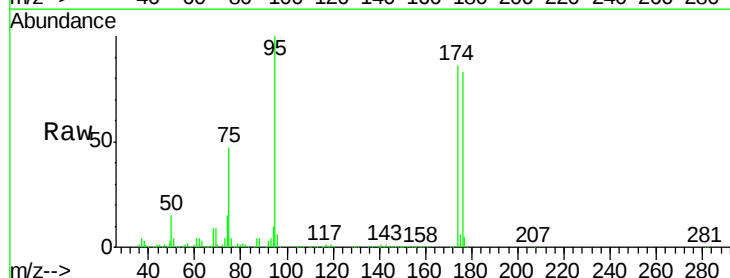
Tgt Ion: 95 Resp: 183562

Ion Ratio Lower Upper

95 100

174 85.3 0.0 171.0

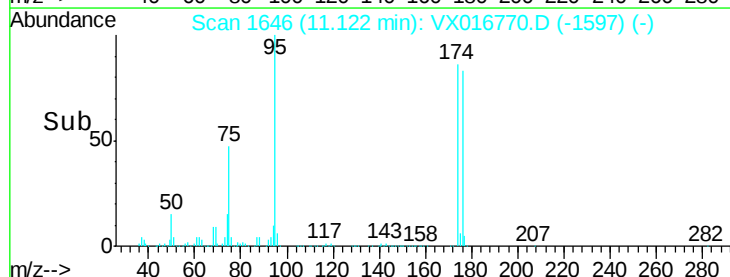
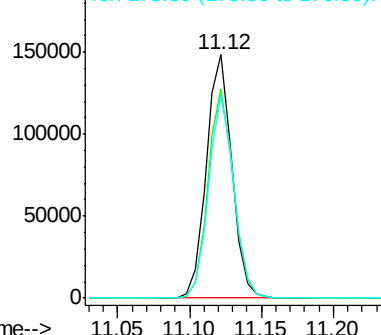
176 82.7 0.0 166.2

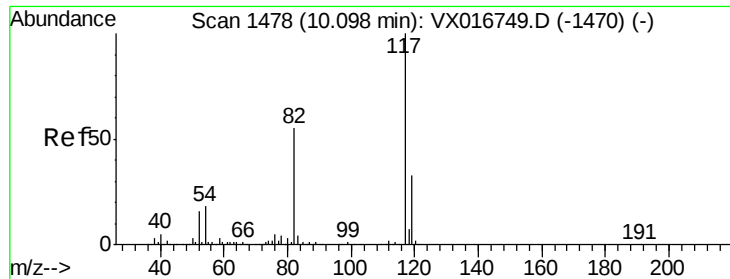


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

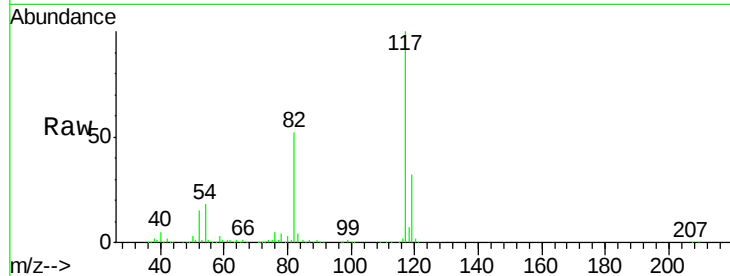




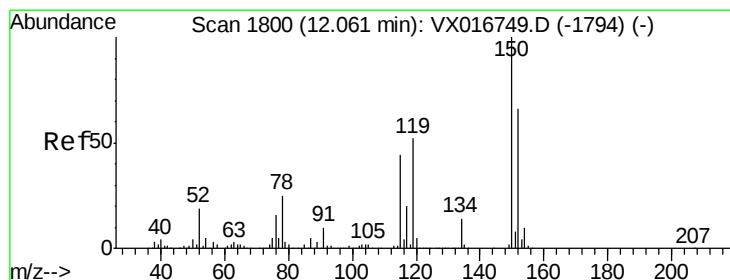
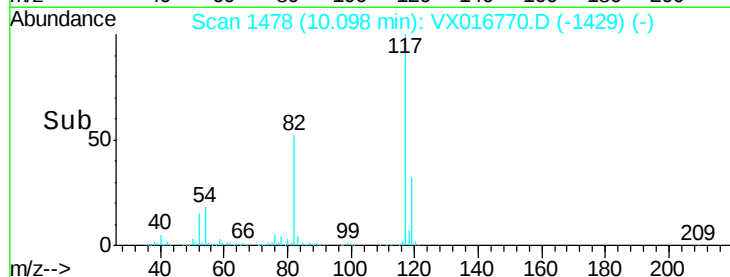
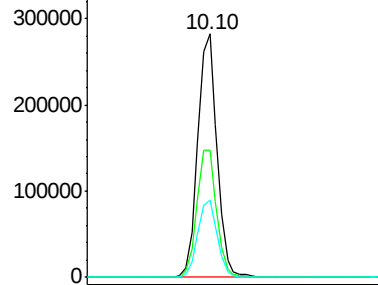
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016770.D
Acq: 16 Jun 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

Tot Ion:117 Resp: 385338
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.6
119 31.8 26.2 39.4

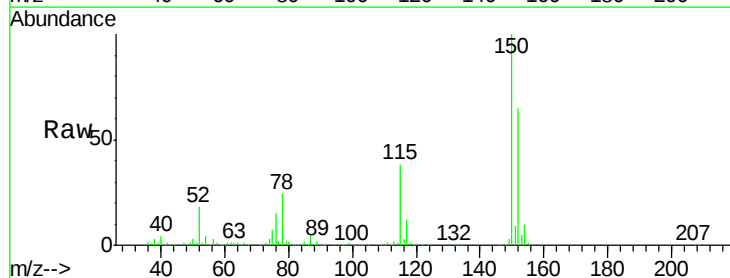


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016770.D
Acq: 16 Jun 2020 11:37

Tgt Ion:152 Resp: 183269
Ion Ratio Lower Upper
152 100
115 57.4 40.3 120.8
150 154.6 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

