

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016848.D
 Acq On : 18 Jun 2020 19:45
 Operator : JC/SP
 Sample : VX0618WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

Quant Time: Jun 19 03:19:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	255033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	450899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	508669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167406	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	5.47	113	125870	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
50) Toluene-d8	8.70	98	573538	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.12	95	208195	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

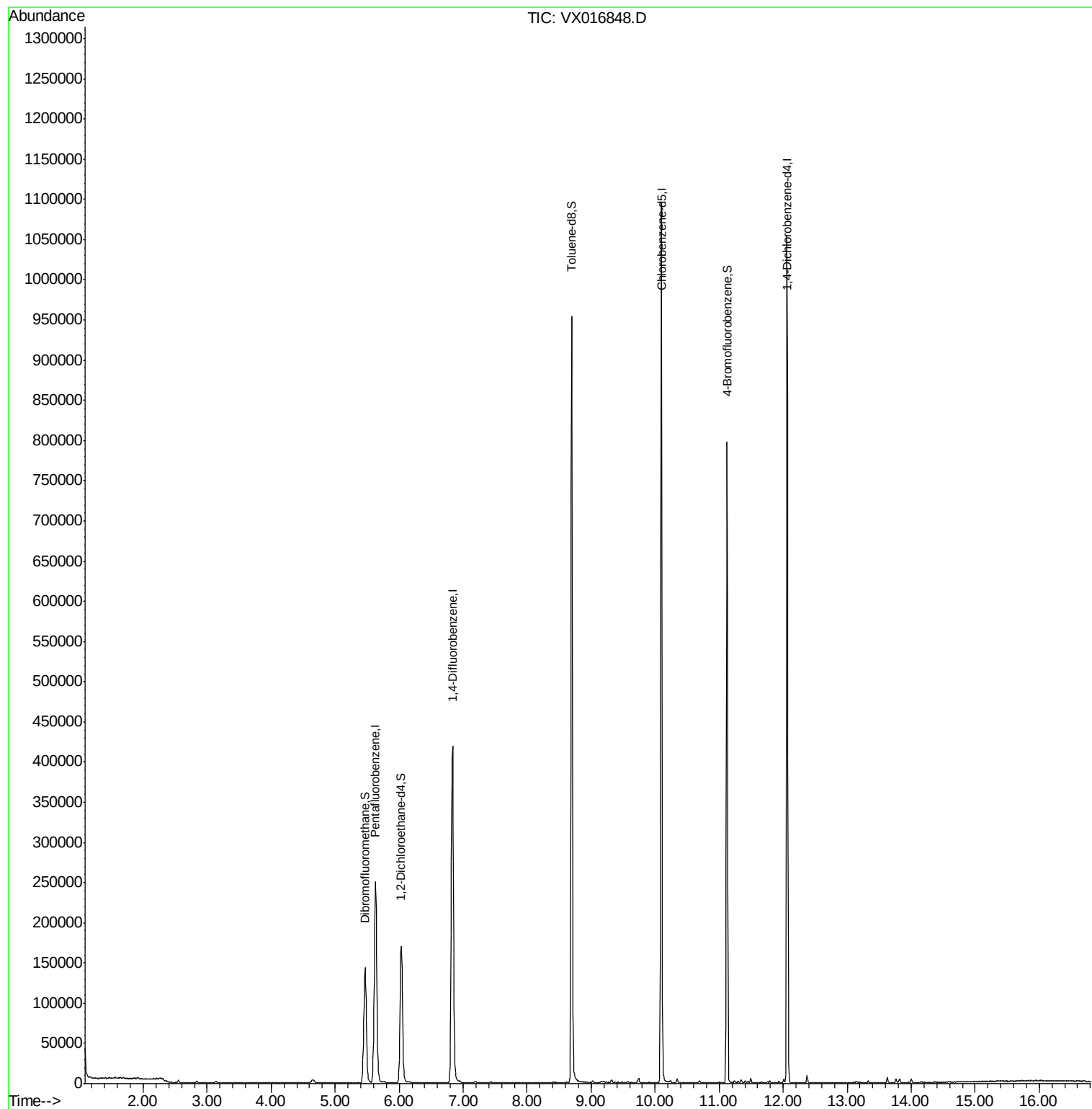
Target Compounds	Qvalue

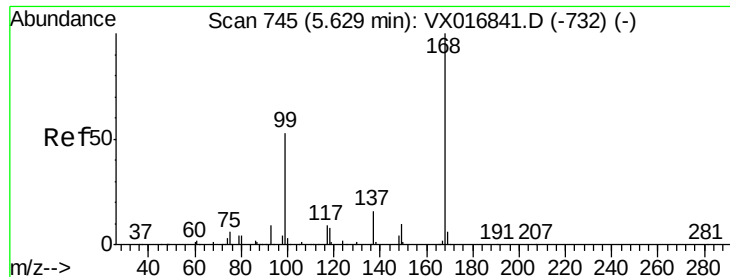
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016848.D

Acq: 18 Jun 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

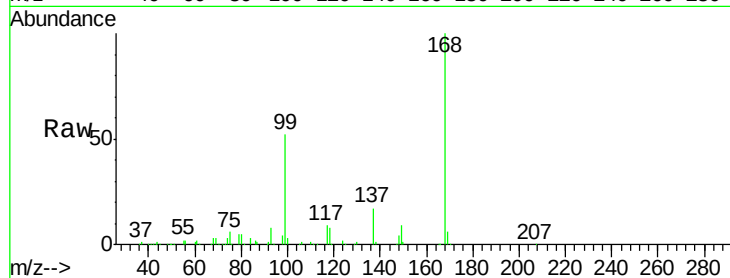
VX0618WBL01

Tot Ion:168 Resp: 255033

Ion Ratio Lower Upper

168 100

99 52.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

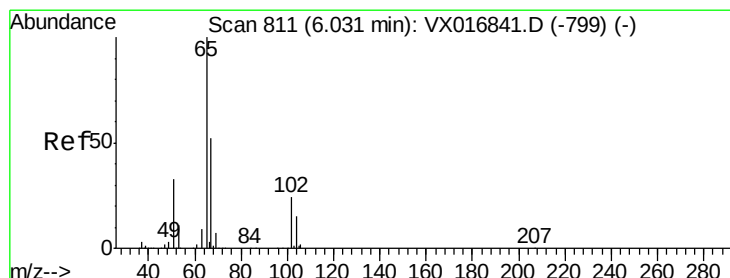
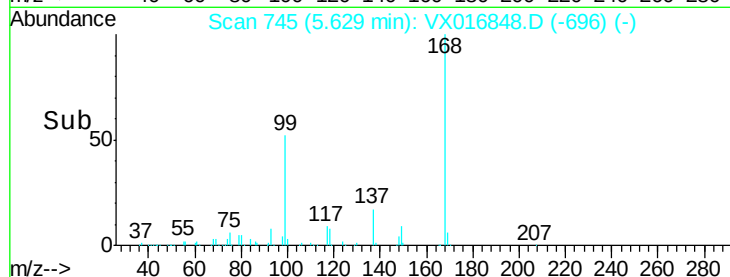
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.579 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016848.D

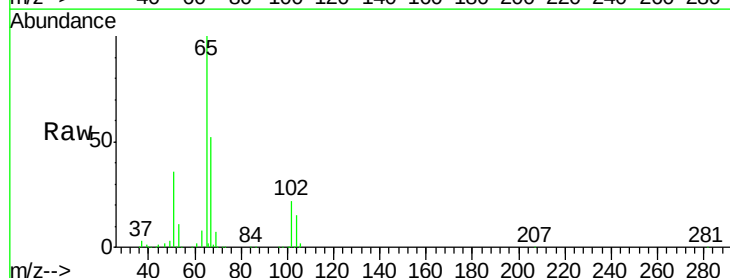
Acq: 18 Jun 2020 19:45

Tgt Ion: 65 Resp: 167406

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

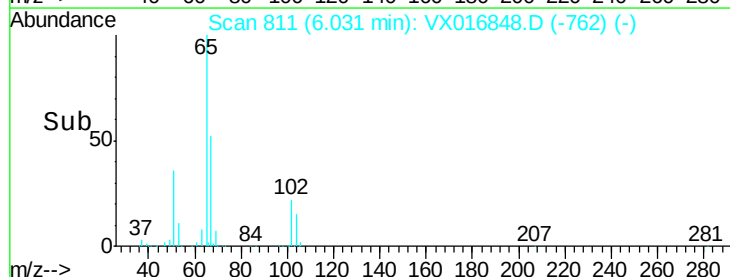
40000

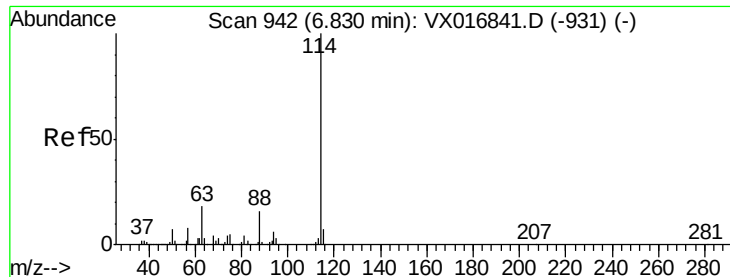
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016848.D

Acq: 18 Jun 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBL01

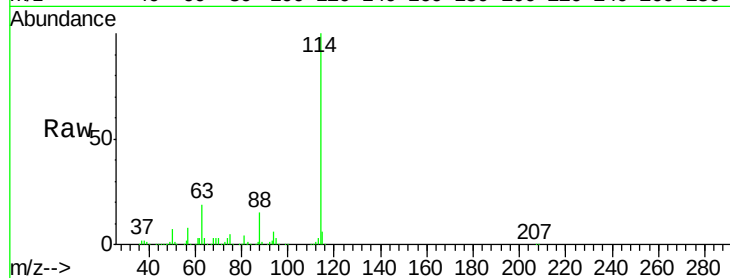
Tot Ion:114 Resp: 450899

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

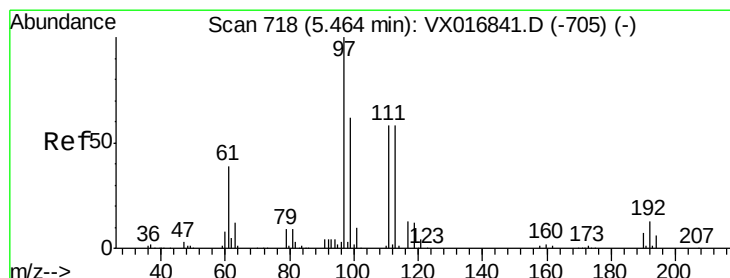
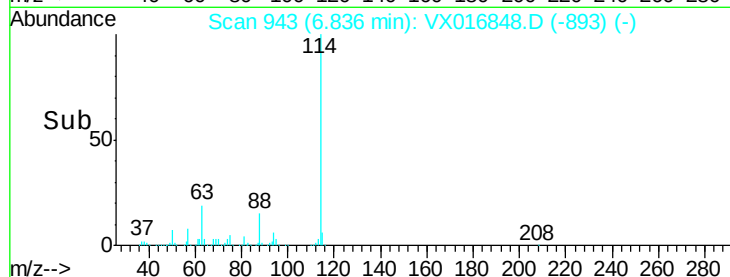
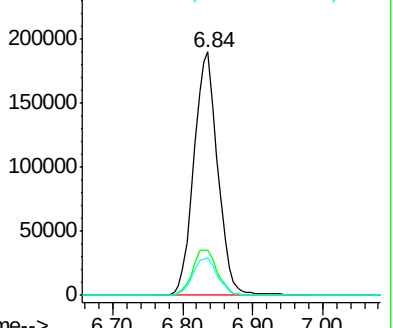
88 15.5 0.0 32.0



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: 43.638 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016848.D

Acq: 18 Jun 2020 19:45

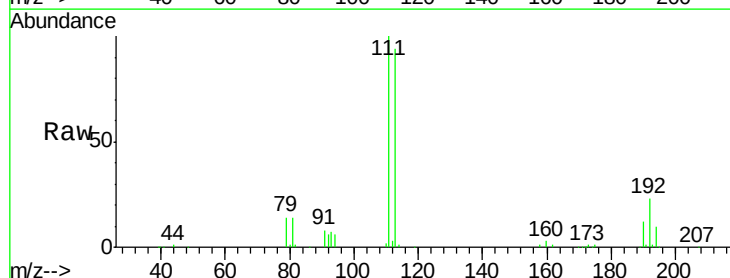
Tgt Ion:113 Resp: 125870

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.4

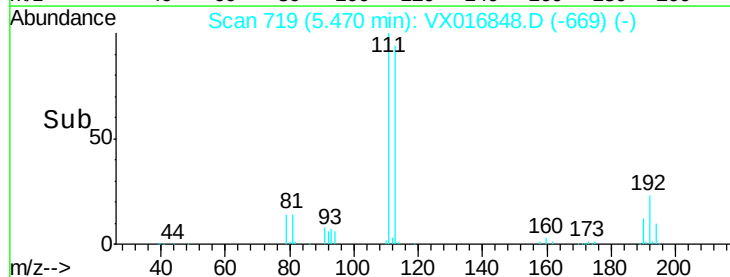
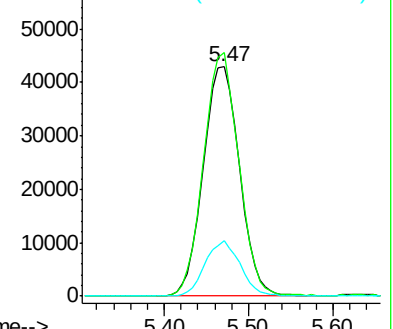
192 23.2 18.5 27.7

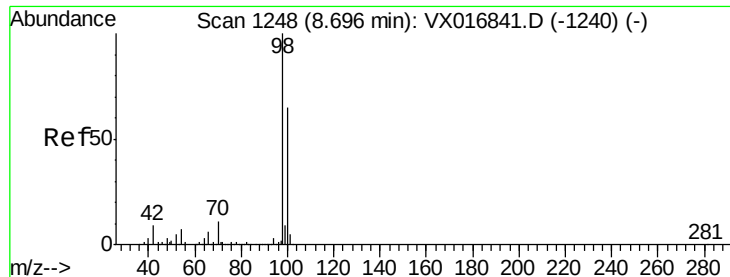


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

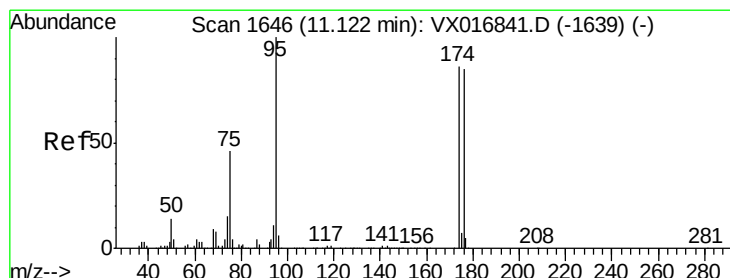
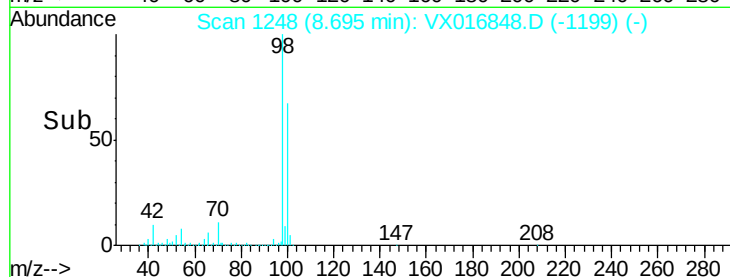
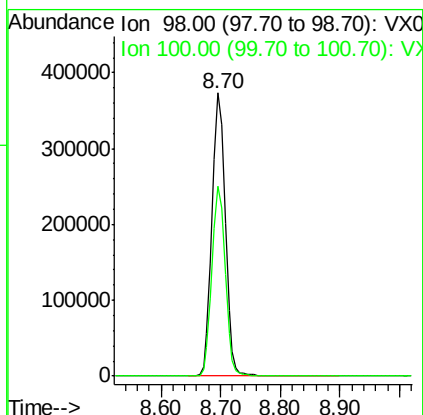
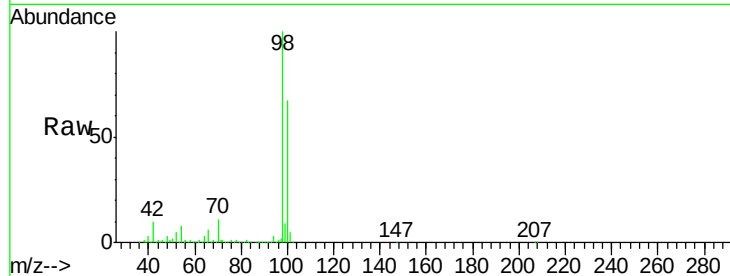




#50
Toluene-d8
Concen: 49.700 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016848.D
Acq: 18 Jun 2020 19:45

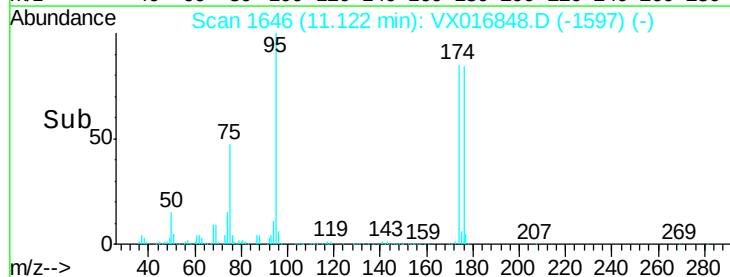
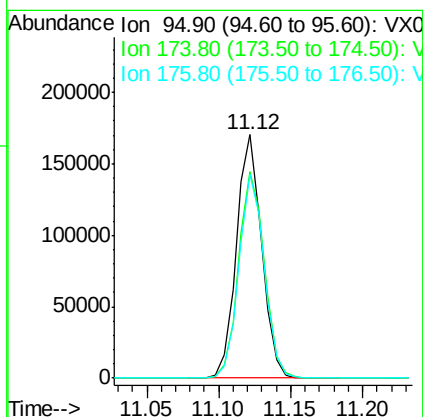
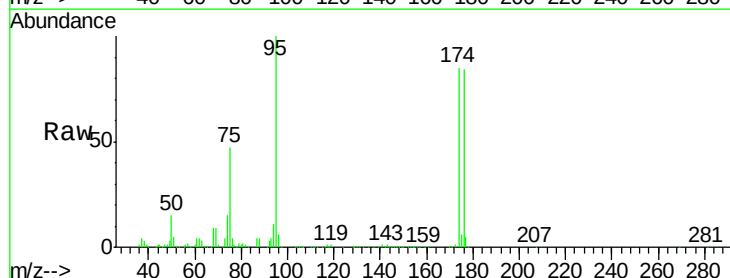
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

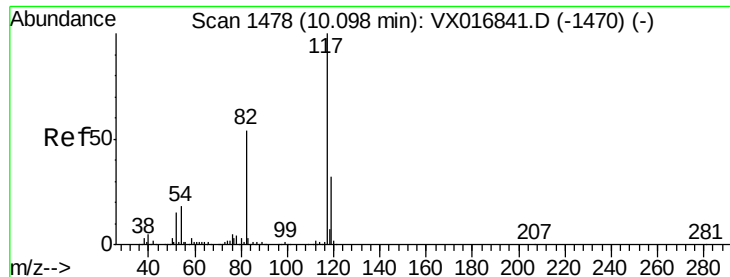
Tot Ion: 98 Resp: 573538
Ion Ratio Lower Upper
98 100
100 66.8 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 47.087 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016848.D
Acq: 18 Jun 2020 19:45

Tgt Ion: 95 Resp: 208195
Ion Ratio Lower Upper
95 100
174 86.1 0.0 174.2
176 83.4 0.0 170.0

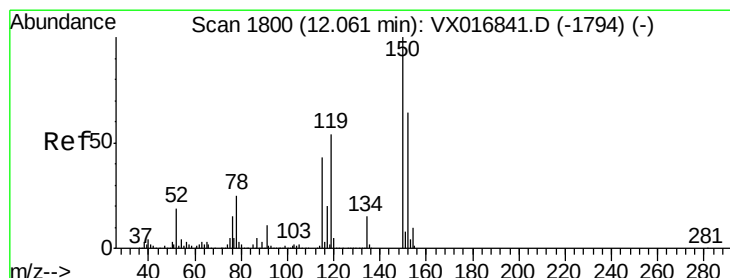
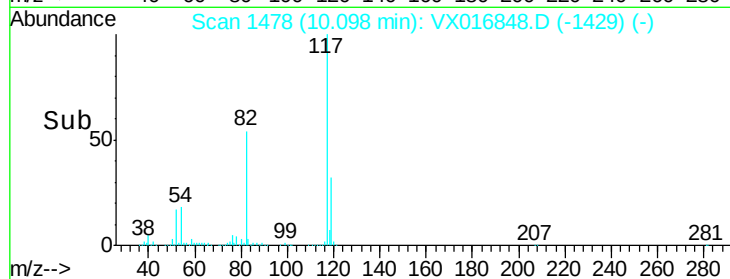
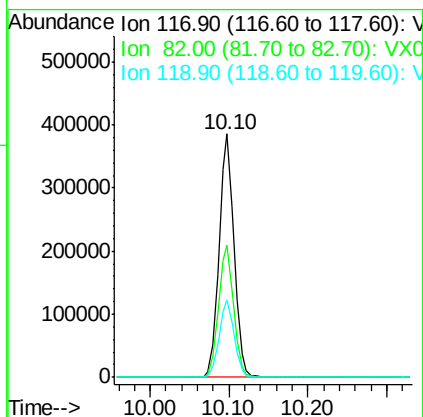
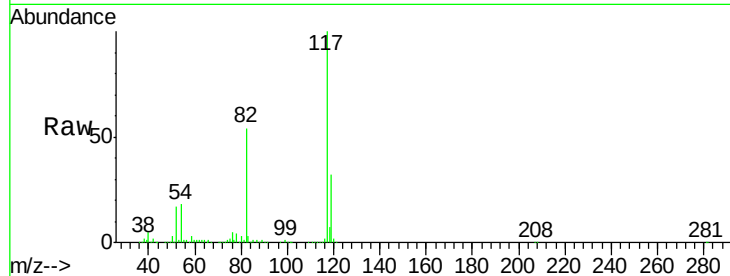




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016848.D
Acq: 18 Jun 2020 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0618WBL01

Tot Ion:117 Resp: 508669
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016848.D
Acq: 18 Jun 2020 19:45

Tgt Ion:152 Resp: 218744
Ion Ratio Lower Upper
152 100
115 59.3 40.9 122.8
150 160.3 0.0 344.2

