

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017133.D
 Acq On : 02 Jul 2020 05:17
 Operator : JC/SP
 Sample : L3159-20 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 11BR-20200629

Quant Time: Jul 02 06:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	140359	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	5.46	113	117945	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.70	98	427493	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.12	95	181049	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	

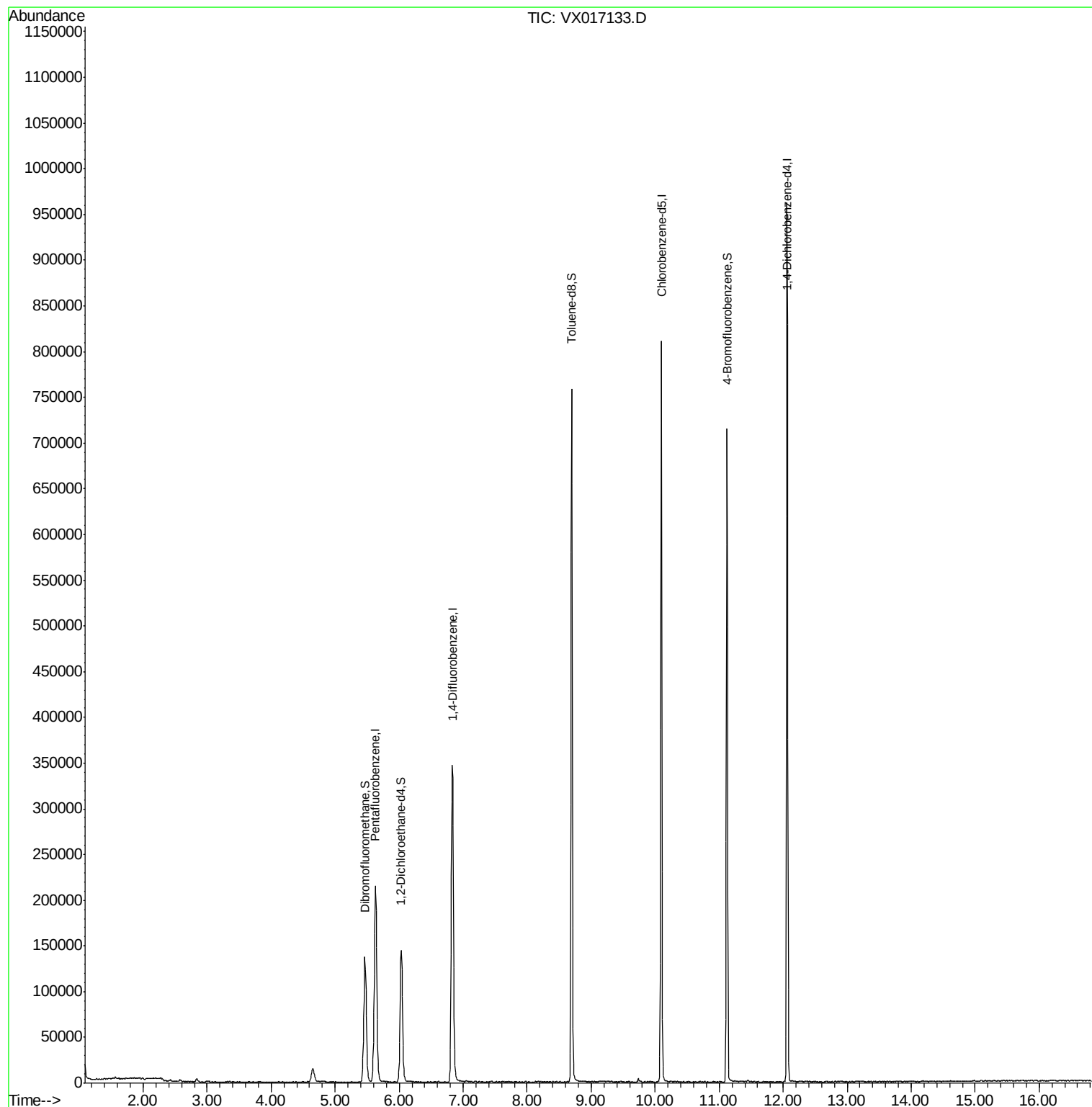
Target Compounds	Qvalue

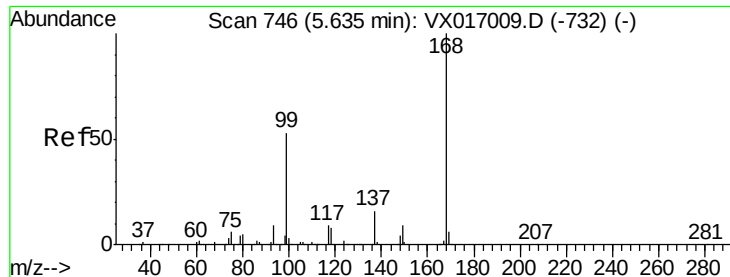
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017133.D

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Instrument :

MSVOA_X

ClientSampleId :

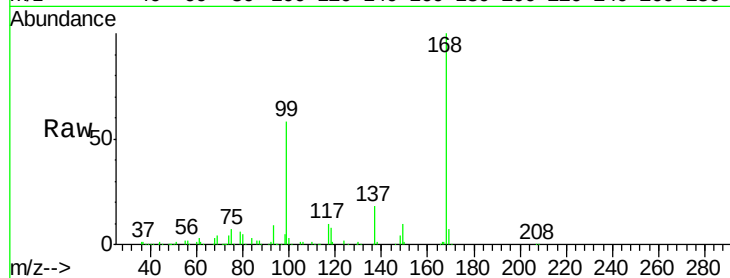
11BR-20200629

Tot Ion:168 Resp: 206735

Ion Ratio Lower Upper

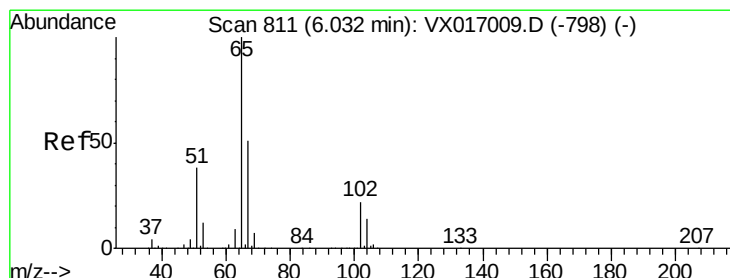
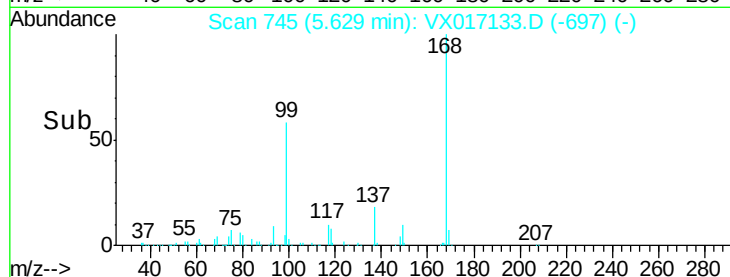
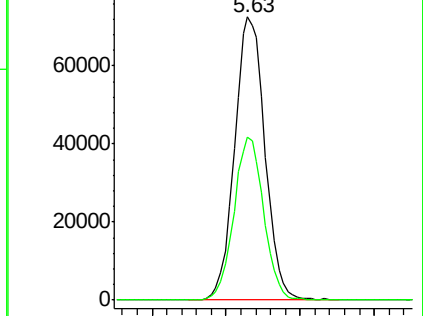
168 100

99 57.5 42.6 64.0



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: 55.072 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017133.D

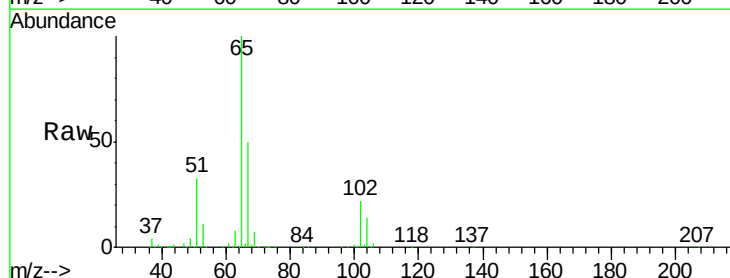
Acq: 02 Jul 2020 05:17

Tgt Ion: 65 Resp: 140359

Ion Ratio Lower Upper

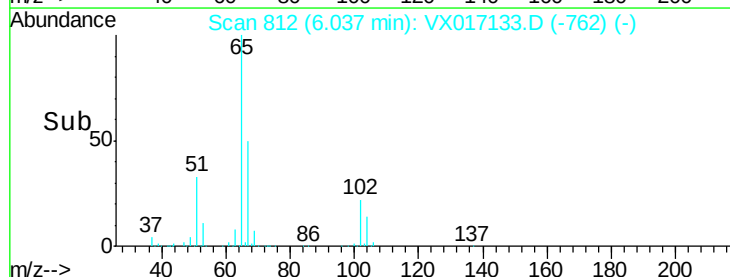
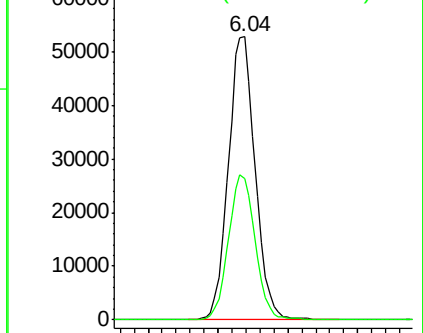
65 100

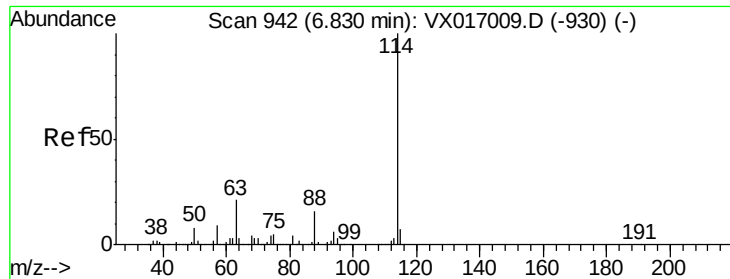
67 51.1 0.0 103.8



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: VX017133.D

Acq: 02 Jul 2020 05:17

Instrument :

MSVOA_X

ClientSampleId :

11BR-20200629

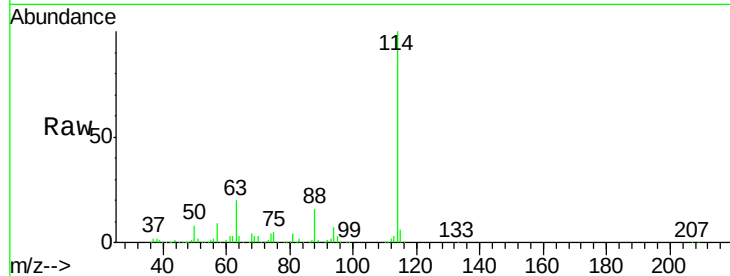
Tot Ion:114 Resp: 350443

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

88 16.1 0.0 32.4



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

200000

150000

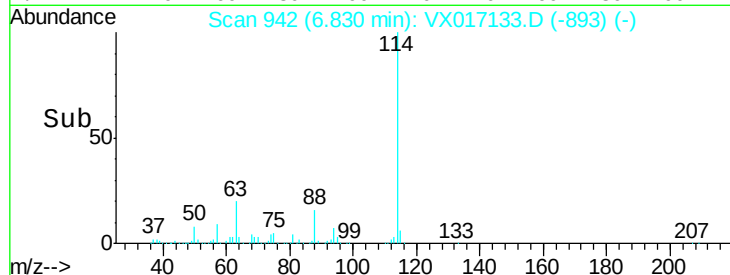
100000

50000

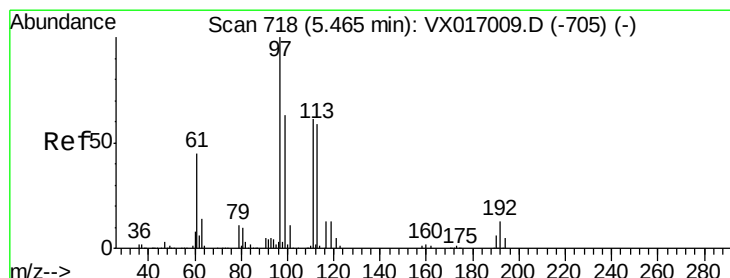
0

6.83

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 53.205 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017133.D

Acq: 02 Jul 2020 05:17

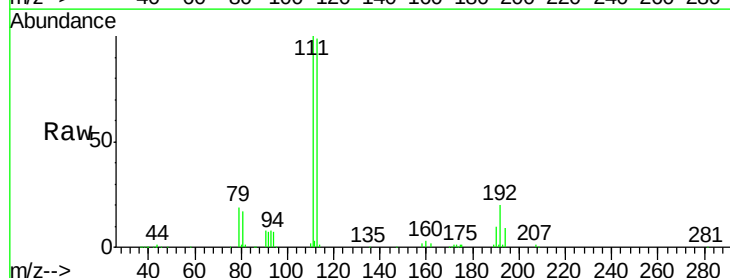
Tgt Ion:113 Resp: 117945

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 21.3 16.7 25.1



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

50000

40000

30000

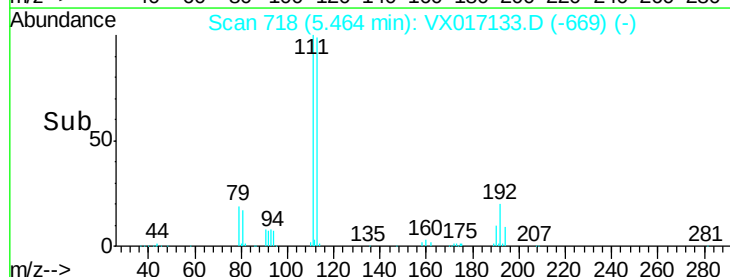
20000

10000

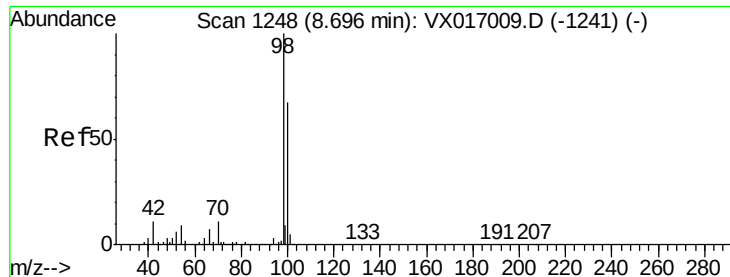
0

5.46

5.30 5.40 5.50 5.60



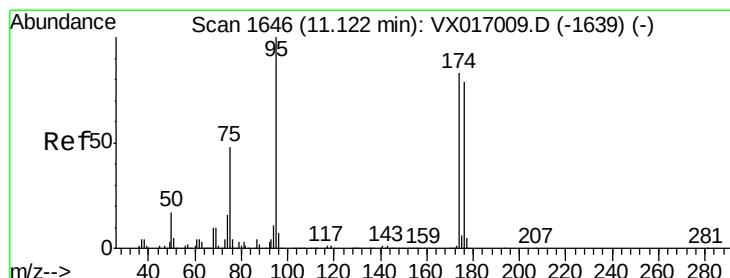
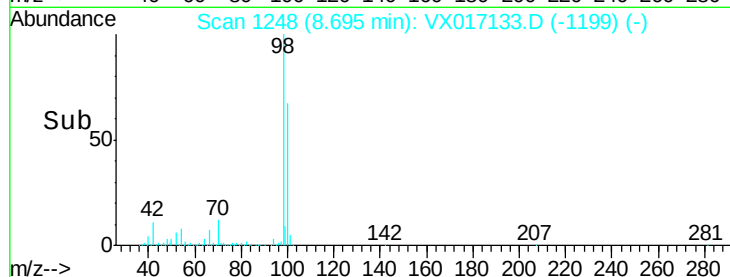
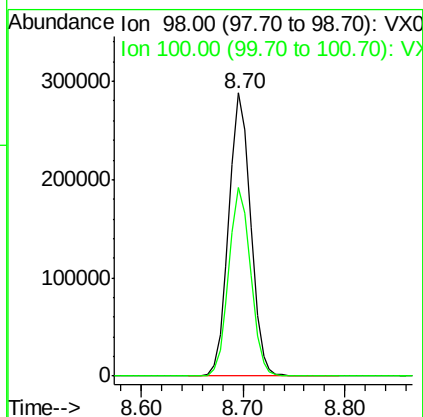
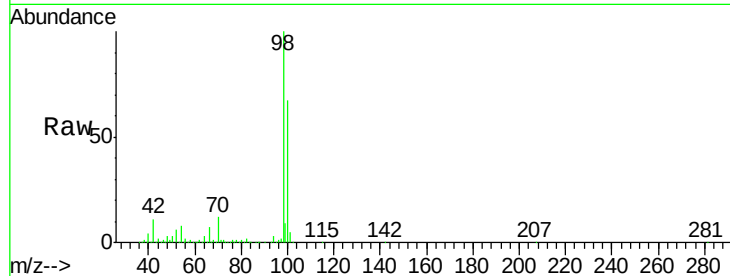
Time-->



#50
Toluene-d8
Concen: 52.151 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017133.D
Acq: 02 Jul 2020 05:17

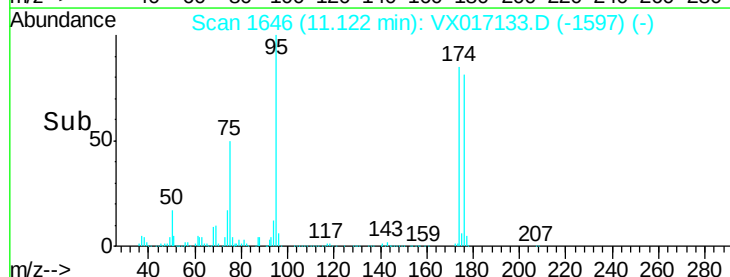
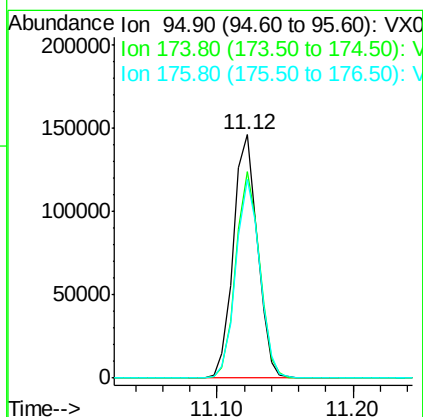
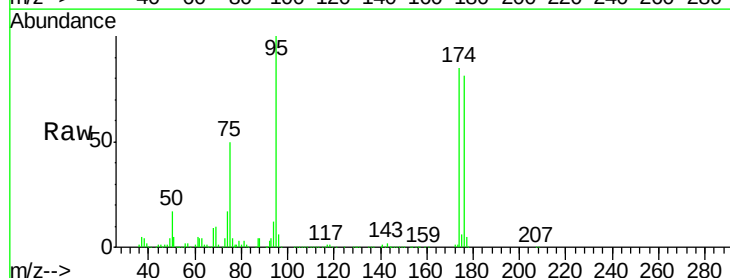
Instrument :
MSVOA_X
ClientSampleId :
11BR-20200629

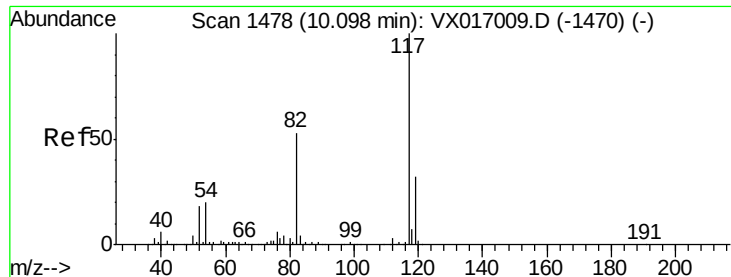
Tot Ion: 98 Resp: 427493
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 56.500 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017133.D
Acq: 02 Jul 2020 05:17

Tgt Ion: 95 Resp: 181049
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 80.6 0.0 157.6

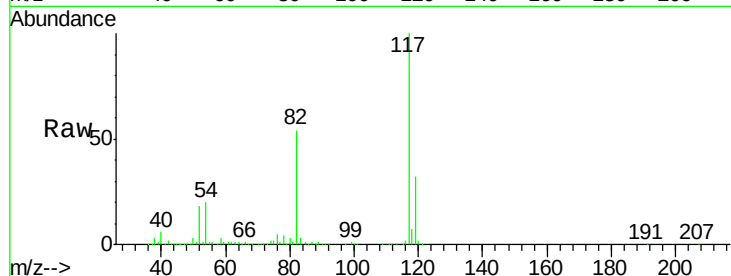




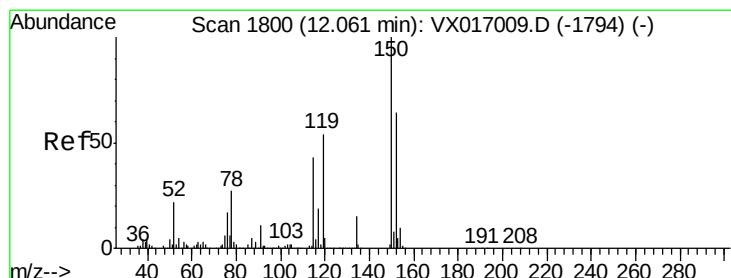
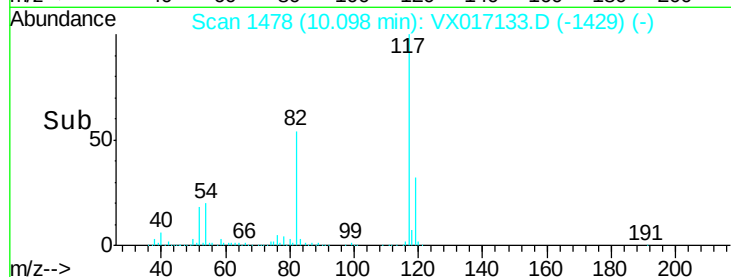
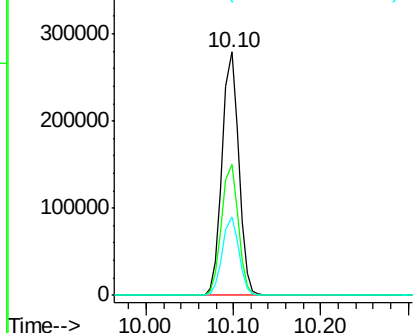
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017133.D
Acq: 02 Jul 2020 05:17

Instrument :
MSVOA_X
ClientSampleId :
11BR-20200629

Tot Ion:117 Resp: 366026
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.1 25.4 38.2

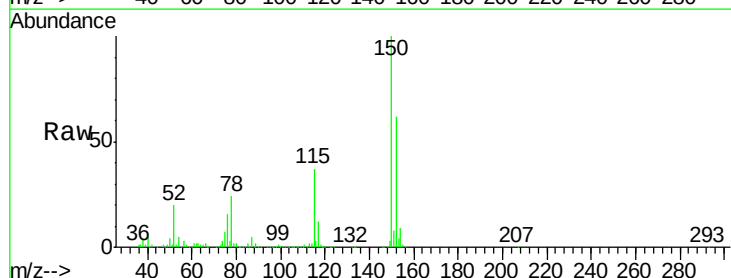


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017133.D
Acq: 02 Jul 2020 05:17

Tgt Ion:152 Resp: 193307
Ion Ratio Lower Upper
152 100
115 58.3 40.9 122.7
150 159.8 0.0 351.6



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

