

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017127.D
 Acq On : 02 Jul 2020 03:00
 Operator : JC/SP
 Sample : L3159-14 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41BR-20200629

Quant Time: Jul 02 05:44:51 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	217660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	370683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197166	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	145266	54.14	ug/l	0.00
Spiked Amount			Recovery	=	108.28%	
35) Dibromofluoromethane	5.46	113	122497	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
50) Toluene-d8	8.70	98	446661	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.12	95	189596	55.94	ug/l	0.00
Spiked Amount			Recovery	=	111.88%	

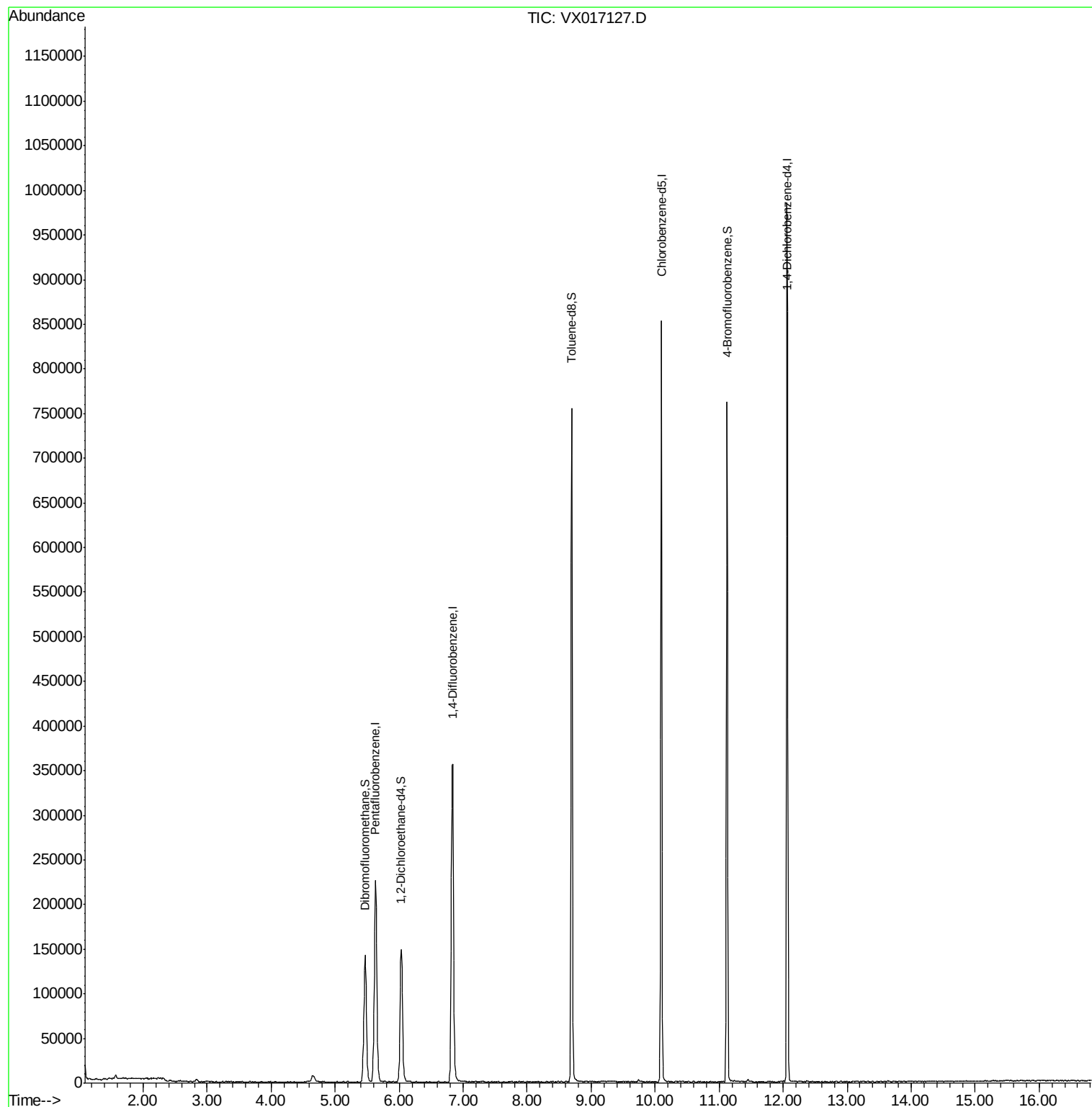
Target Compounds	Qvalue
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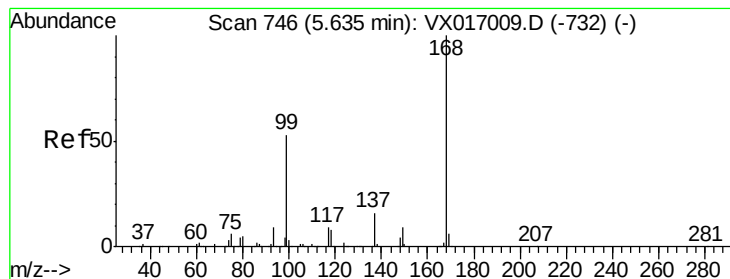
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017127.D

Acq: 02 Jul 2020 03:00

Instrument :

MSVOA_X

ClientSampleId :

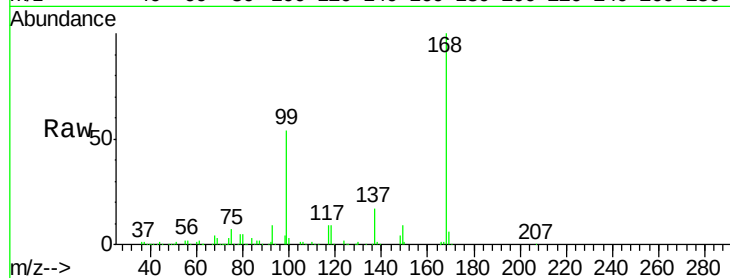
41BR-20200629

Tot Ion:168 Resp: 217660

Ion Ratio Lower Upper

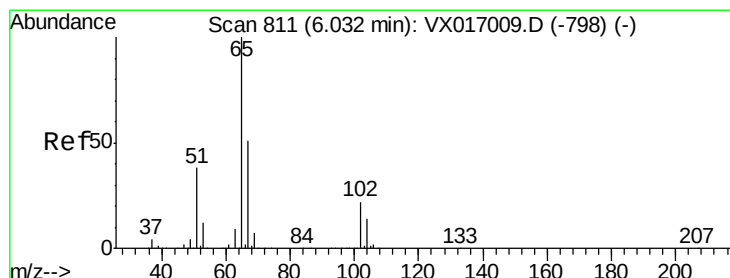
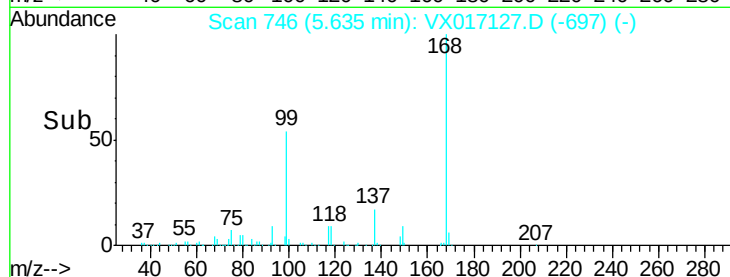
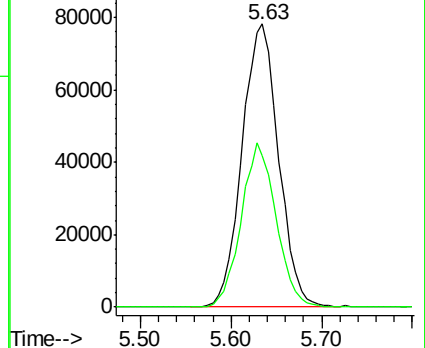
168 100

99 53.7 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: 54.137 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017127.D

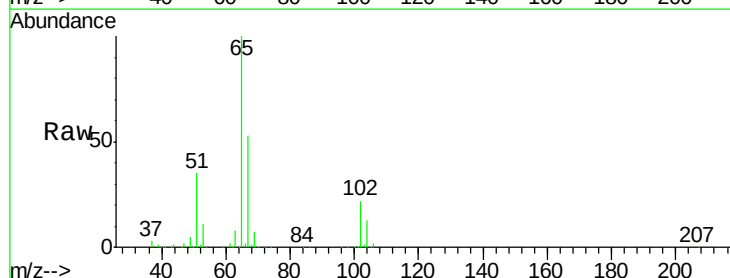
Acq: 02 Jul 2020 03:00

Tgt Ion: 65 Resp: 145266

Ion Ratio Lower Upper

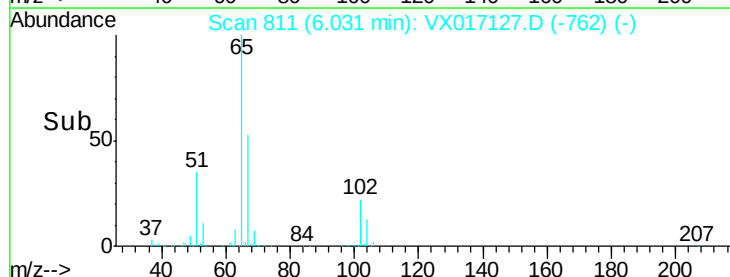
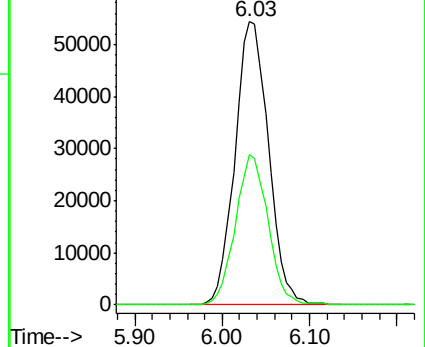
65 100

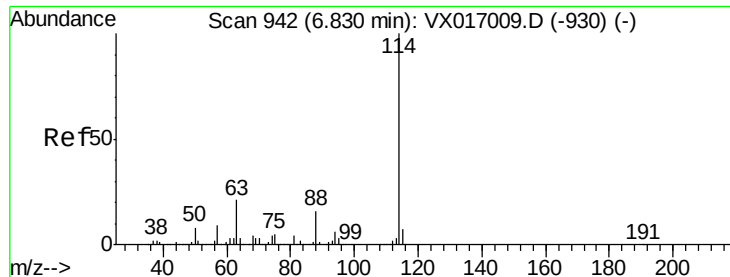
67 51.7 0.0 103.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017127.D

Acq: 02 Jul 2020 03:00

Instrument :

MSVOA_X

ClientSampleId :

41BR-20200629

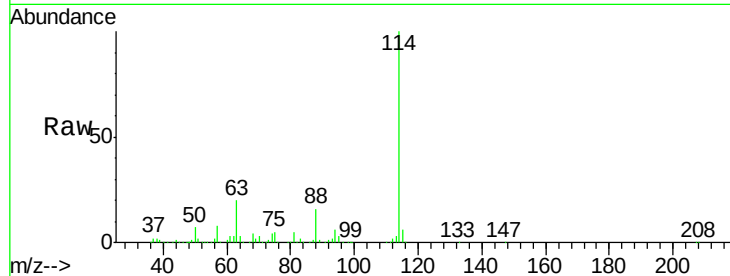
Tot Ion:114 Resp: 370683

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

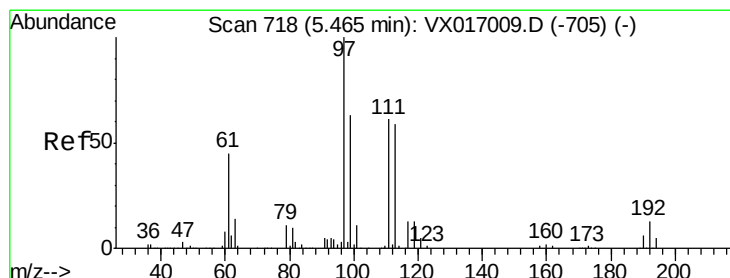
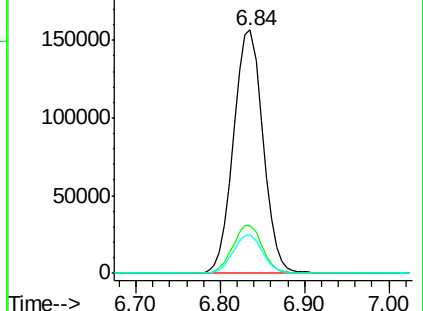
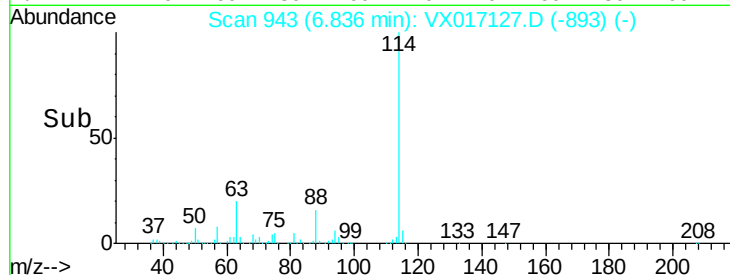
88 15.9 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 52.241 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017127.D

Acq: 02 Jul 2020 03:00

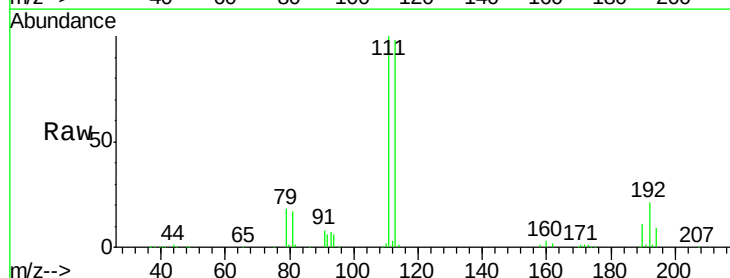
Tgt Ion:113 Resp: 122497

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

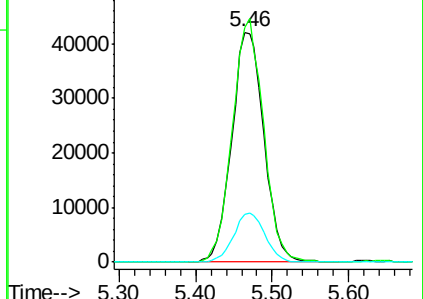
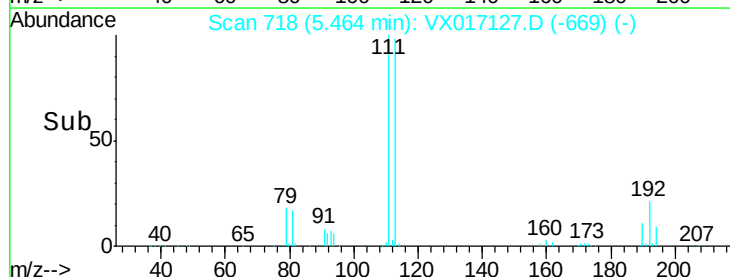
192 21.0 16.7 25.1

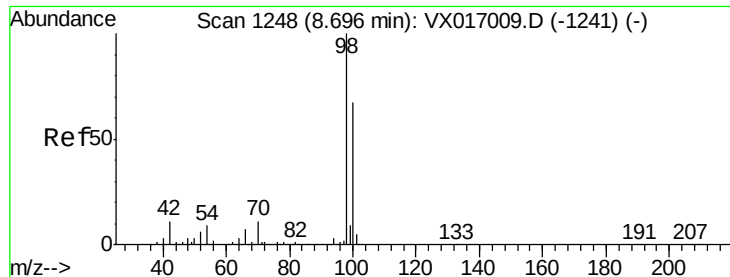


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.514 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017127.D

Acq: 02 Jul 2020 03:00

Instrument :

MSVOA_X

ClientSampleId :

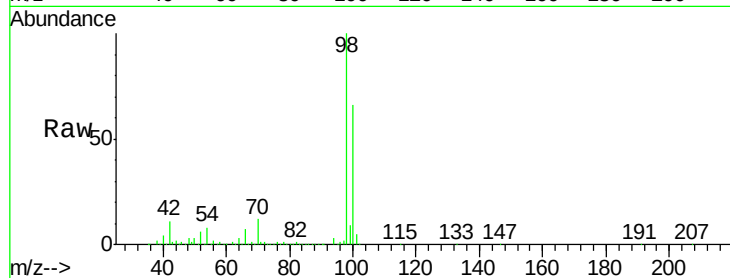
41BR-20200629

Tot Ion: 98 Resp: 446661

Ion Ratio Lower Upper

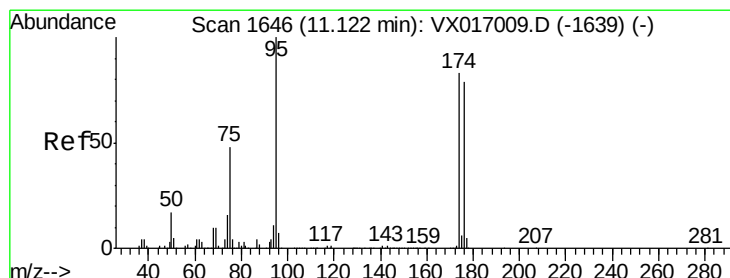
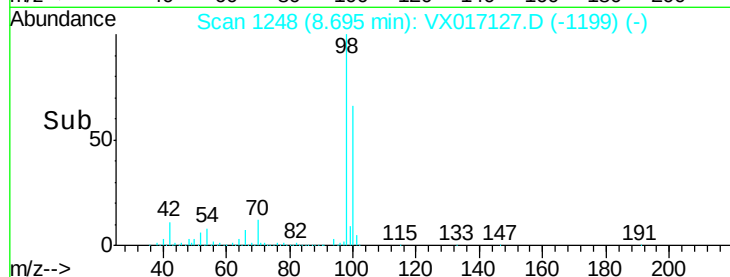
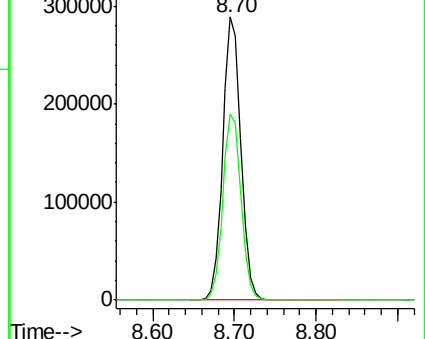
98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.937 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017127.D

Acq: 02 Jul 2020 03:00

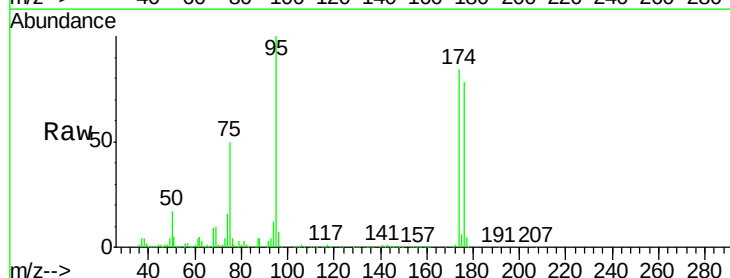
Tgt Ion: 95 Resp: 189596

Ion Ratio Lower Upper

95 100

174 83.6 0.0 164.0

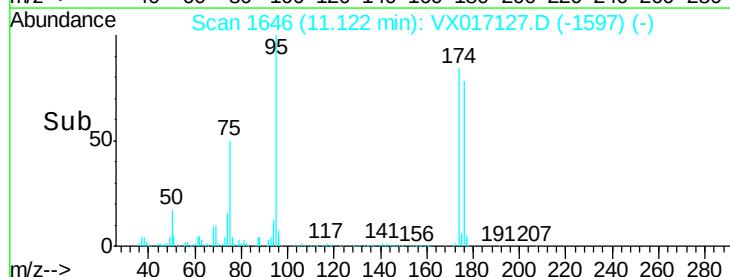
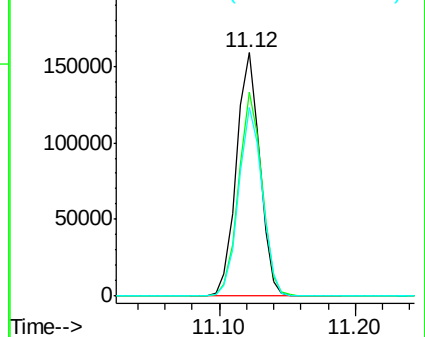
176 78.8 0.0 157.6

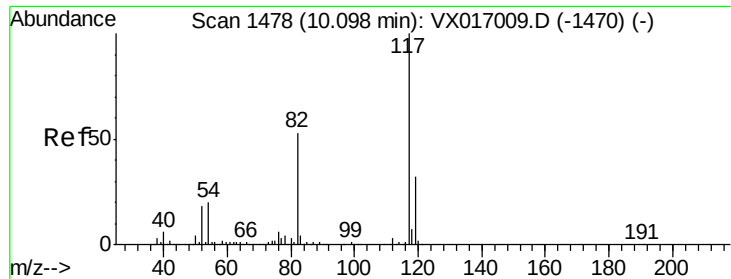


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

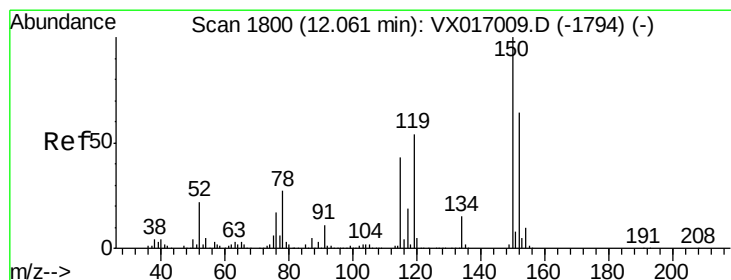
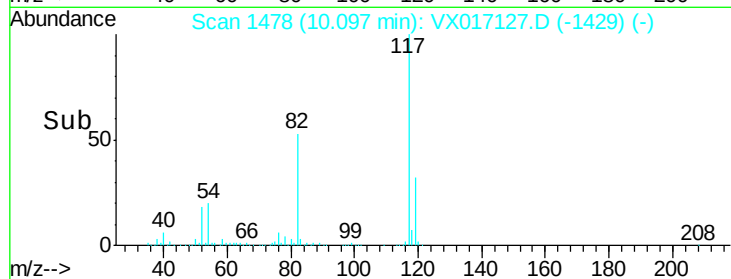
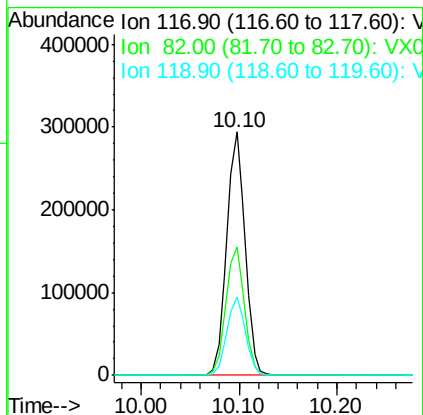
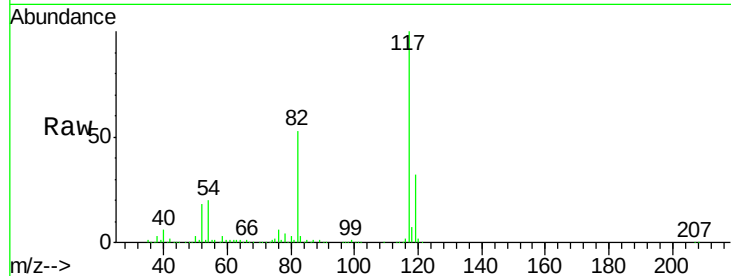




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017127.D
Acq: 02 Jul 2020 03:00

Instrument :
MSVOA_X
ClientSampleId :
41BR-20200629

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	63.8
119	32.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017127.D
Acq: 02 Jul 2020 03:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	40.9	122.7
150	159.7	0.0	351.6

