

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054209.D
 Acq On : 13 Mar 2019 13:55
 Operator : JC/SP
 Sample : K1842-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-030819

Quant Time: Mar 14 10:34:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1384036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2290561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2304884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	917492	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	742246	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
35) Dibromofluoromethane	7.59	113	704276	47.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	2822571	51.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	1025112	53.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.40%	

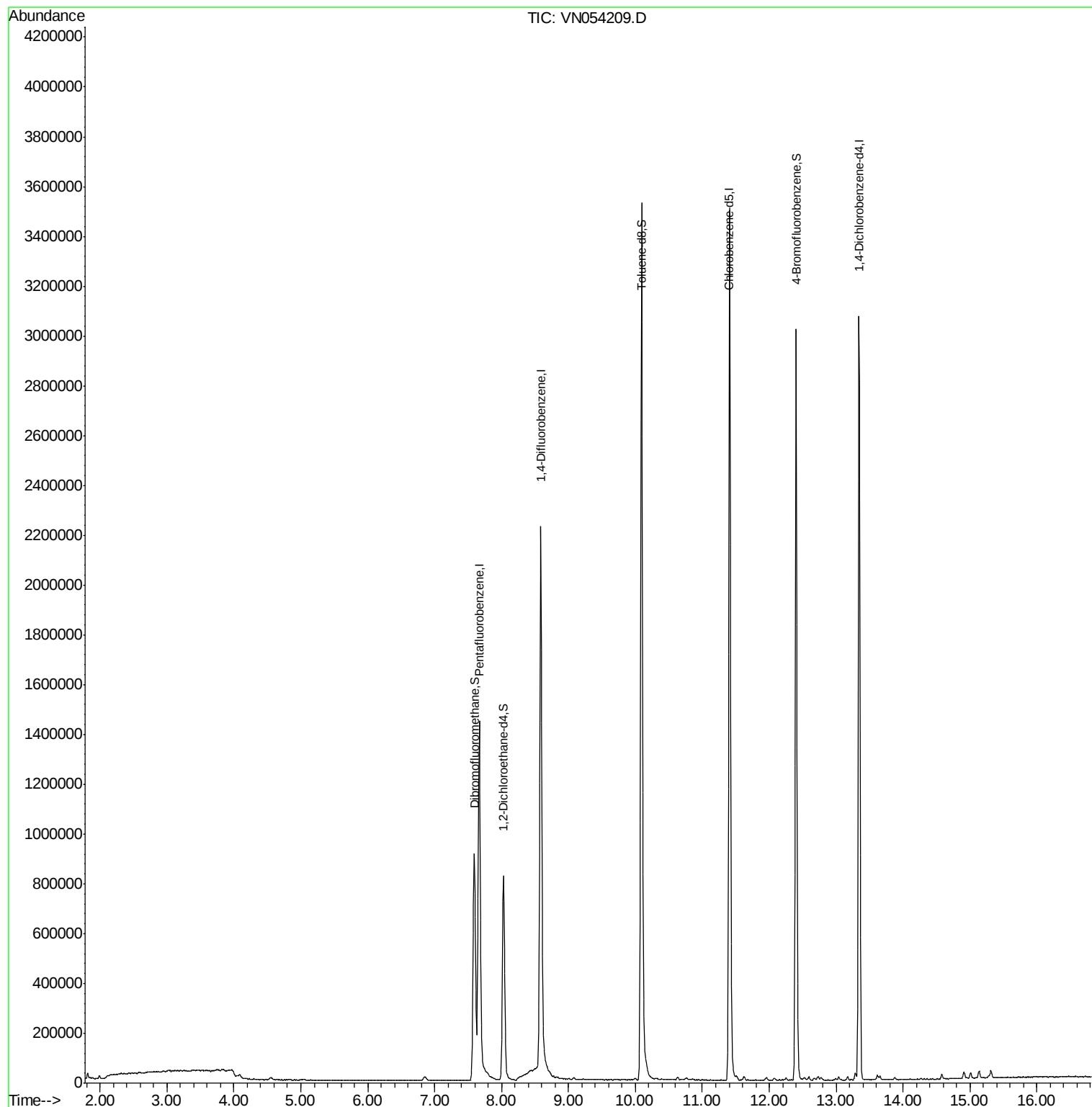
Target Compounds	Qvalue

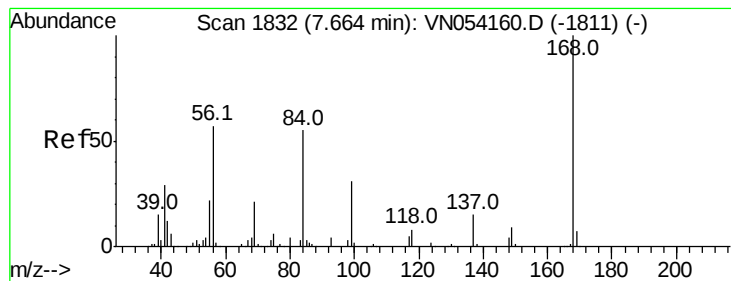
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
Data File : VN054209.D
Acq On : 13 Mar 2019 13:55
Operator : JC/SP
Sample : K1842-13
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB-030819

Quant Time: Mar 14 10:34:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054209.D

Acq: 13 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

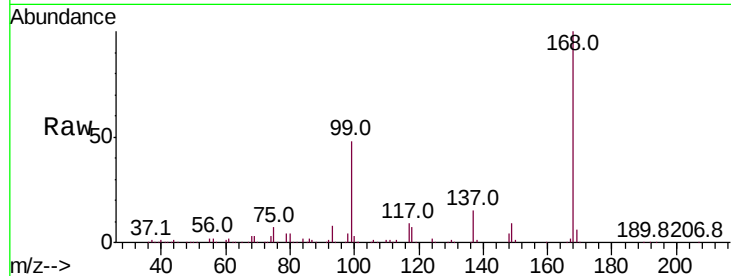
FB-030819

Tot Ion:168 Resp: 1384036

Ion Ratio Lower Upper

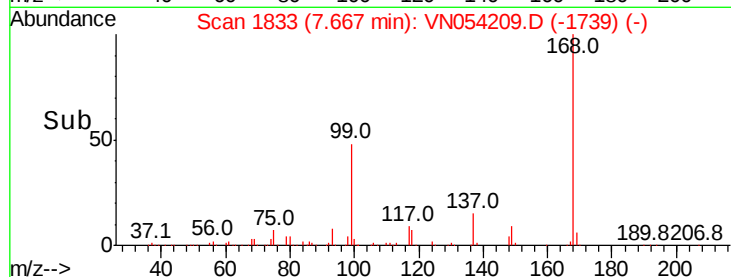
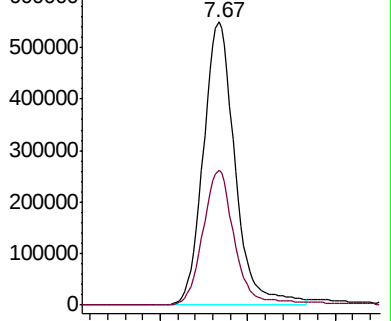
168 100

99 47.7 37.1 55.7

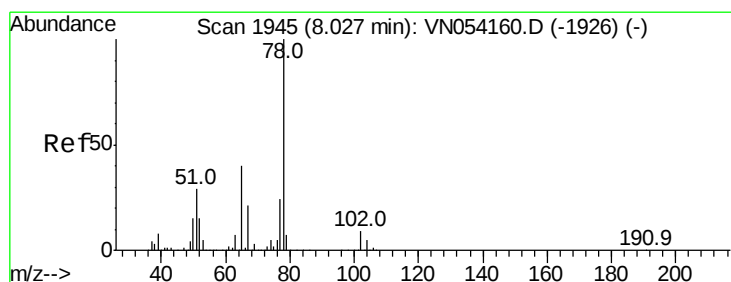


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.498 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054209.D

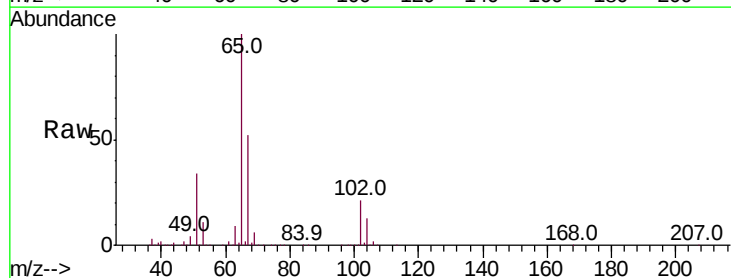
Acq: 13 Mar 2019 13:55

Tgt Ion: 65 Resp: 742246

Ion Ratio Lower Upper

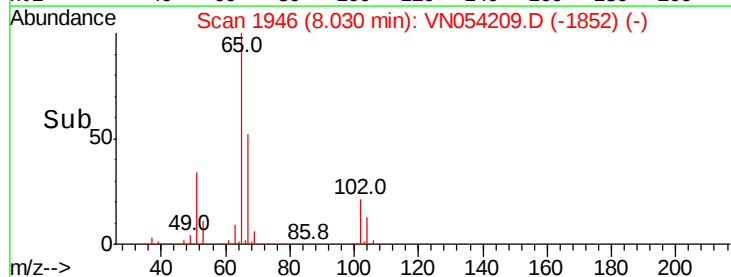
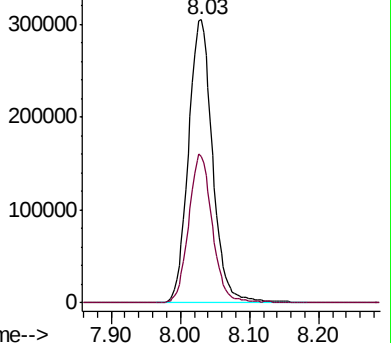
65 100

67 51.2 0.0 104.6

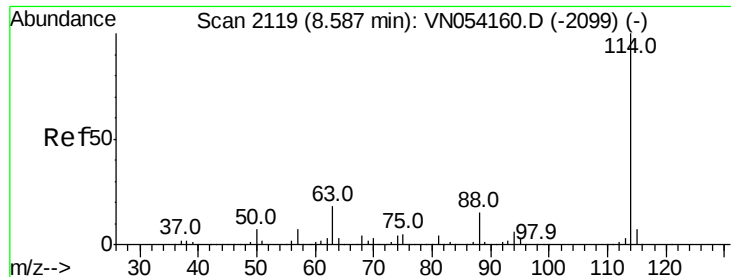


Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054209.D

Acq: 13 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

FB-030819

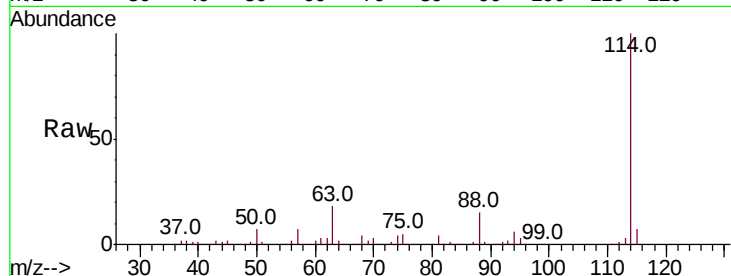
Tot Ion:114 Resp: 2290561

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

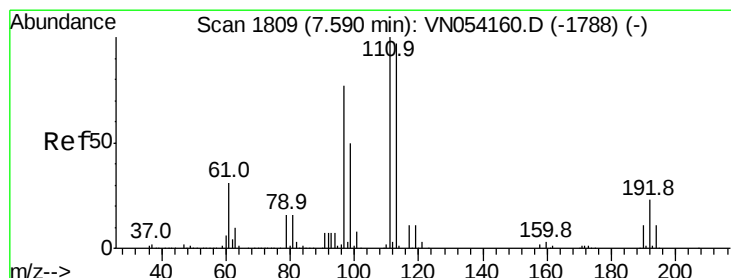
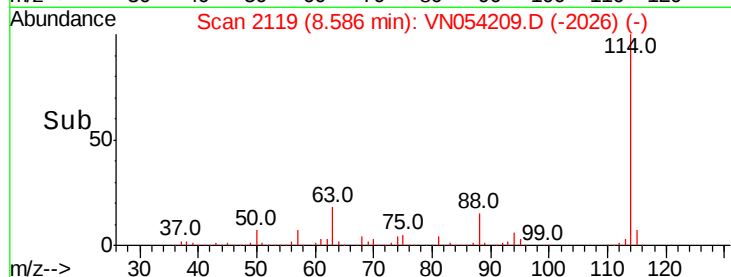
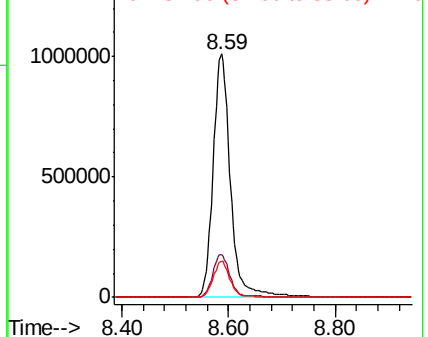
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.673 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054209.D

Acq: 13 Mar 2019 13:55

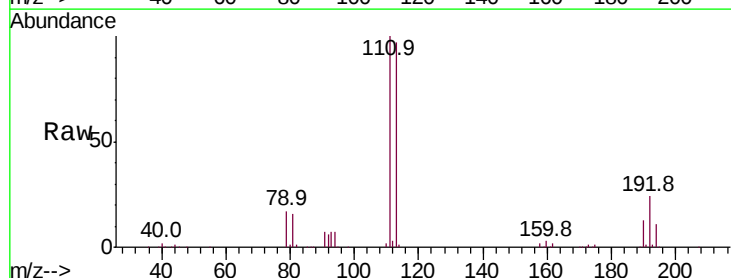
Tgt Ion:113 Resp: 704276

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

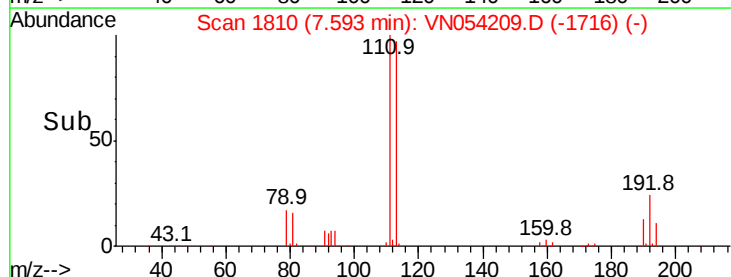
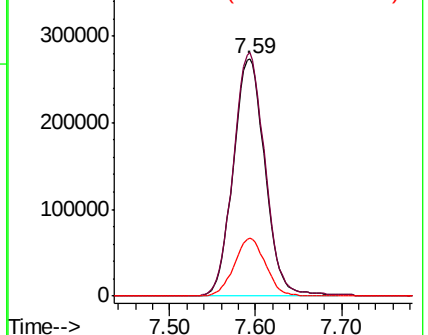
192 24.0 19.2 28.8

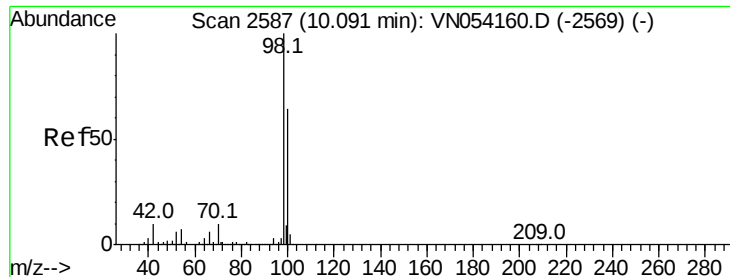


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.734 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054209.D

Acq: 13 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

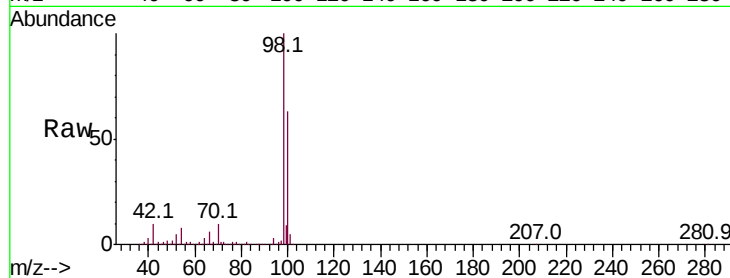
FB-030819

Tot Ion: 98 Resp: 2822571

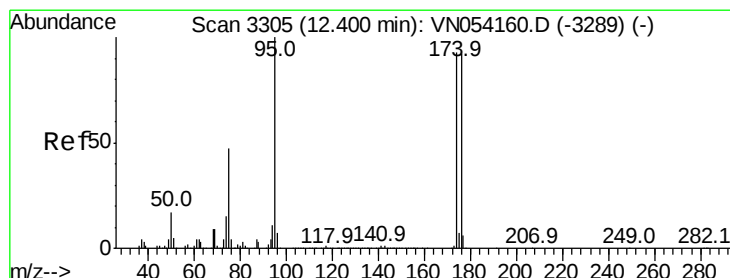
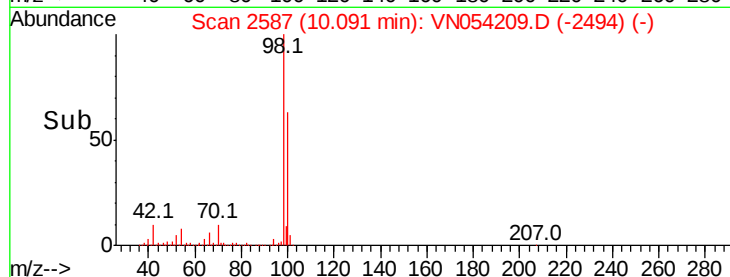
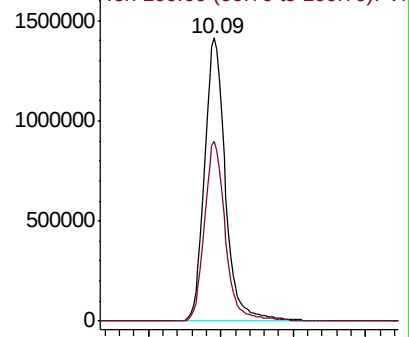
Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 53.698 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054209.D

Acq: 13 Mar 2019 13:55

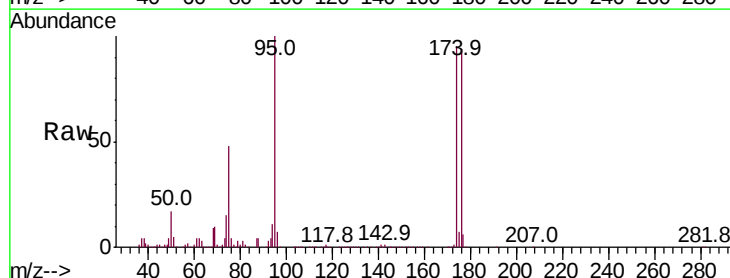
Tgt Ion: 95 Resp: 1025112

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

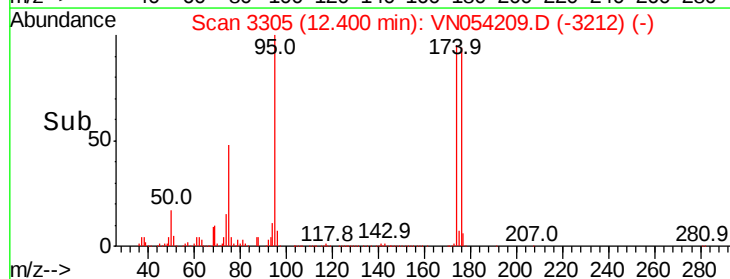
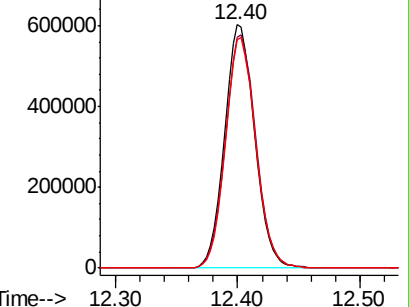
176 94.6 0.0 187.4

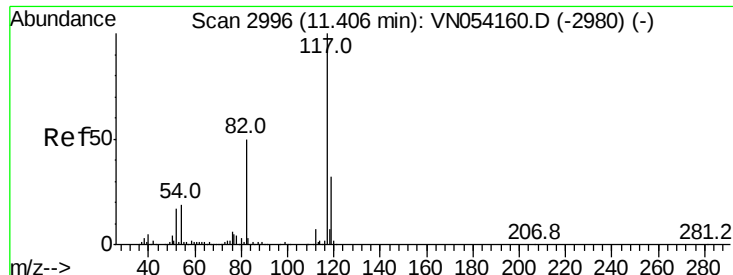


Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)

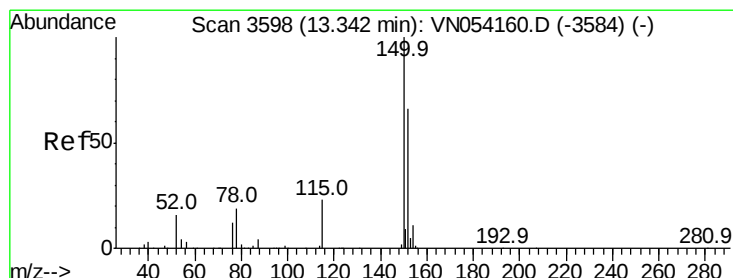
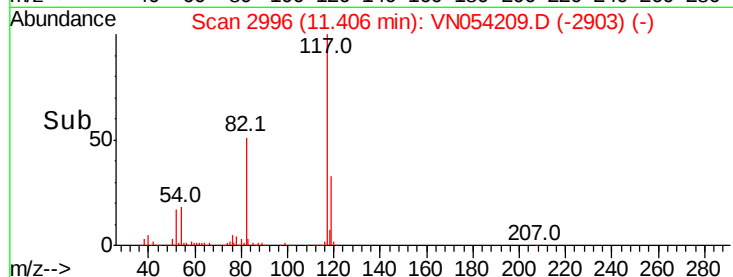
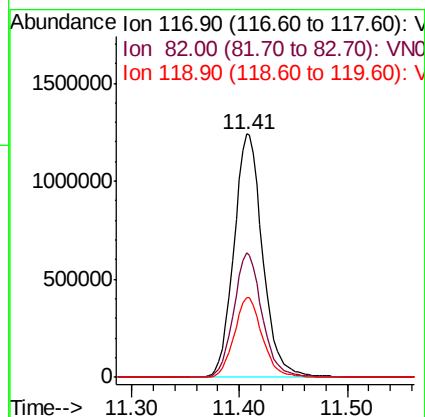
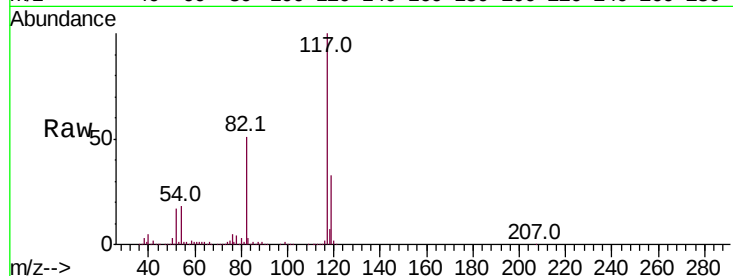




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054209.D
Acq: 13 Mar 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :
FB-030819

Tot Ion:117 Resp: 2304884
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054209.D
Acq: 13 Mar 2019 13:55

Tgt Ion:152 Resp: 917492
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 156.5 0.0 349.2

