

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064789.D
 Acq On : 23 Nov 2020 17:34
 Operator : JC/MD
 Sample : L4829-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 24 03:57:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131659	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	98763	55.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.52%	
35) Dibromofluoromethane		7.55	113	87391	52.67	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.34%	
50) Toluene-d8		10.06	98	344603	50.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.66%	
62) 4-Bromofluorobenzene		12.38	95	134641	55.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.98%	

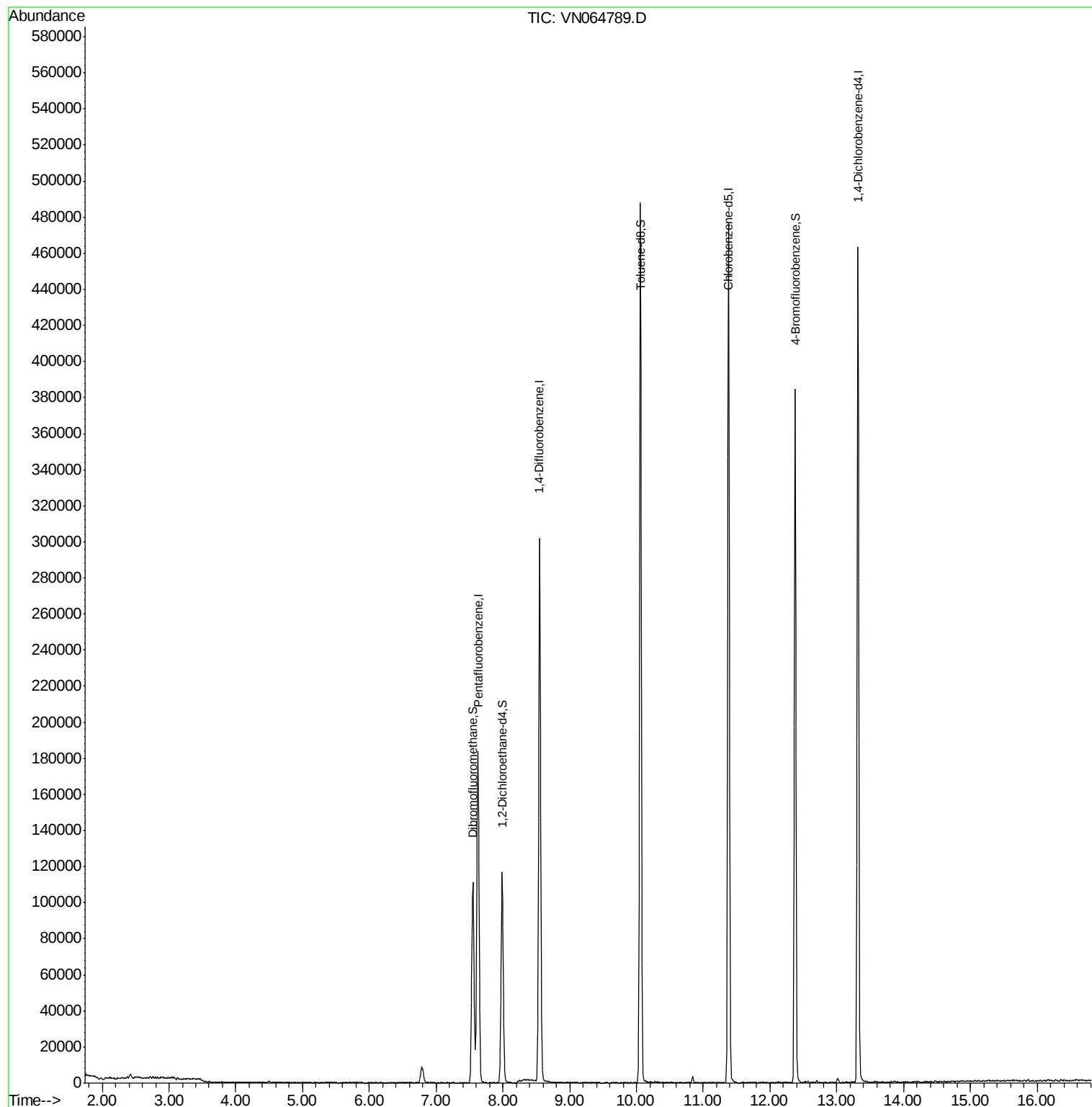
Target Compounds	Qvalue

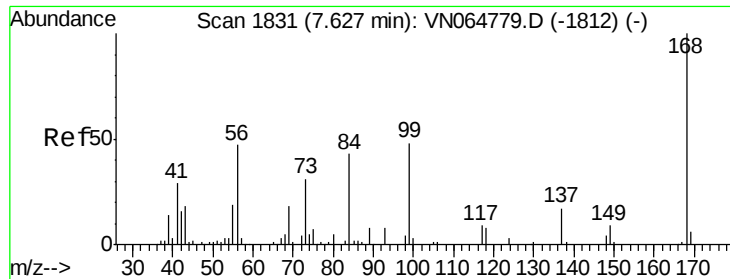
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064789.D

Acq: 23 Nov 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

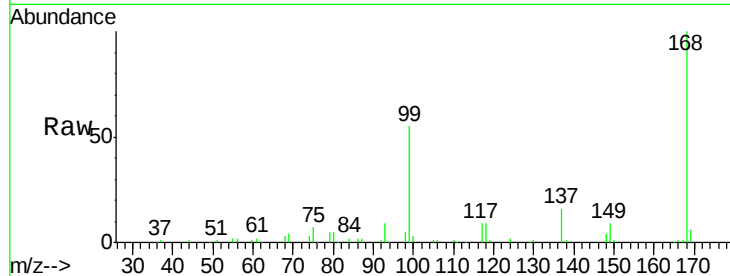
TRIP-BLANK

Tot Ion:168 Resp: 152367

Ion Ratio Lower Upper

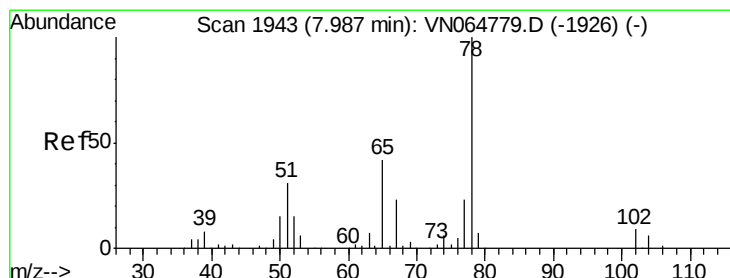
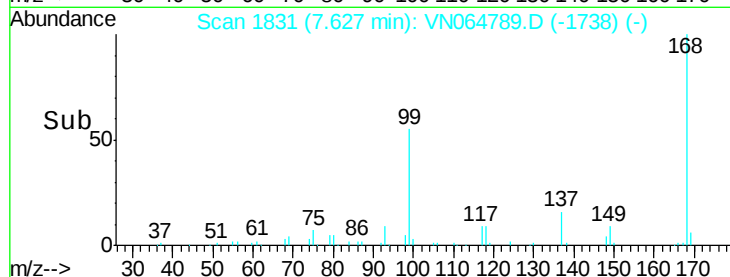
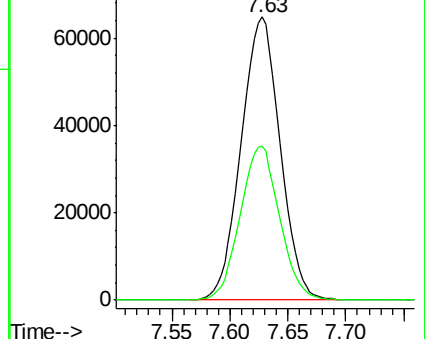
168 100

99 54.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.755 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064789.D

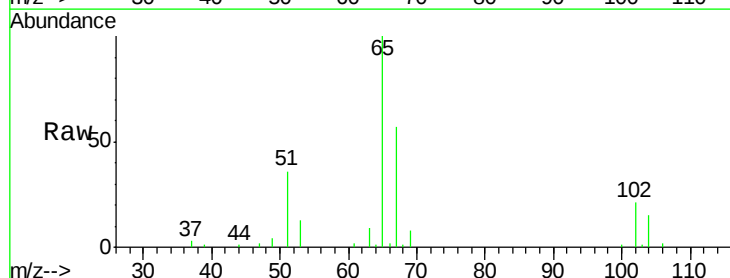
Acq: 23 Nov 2020 17:34

Tgt Ion: 65 Resp: 98763

Ion Ratio Lower Upper

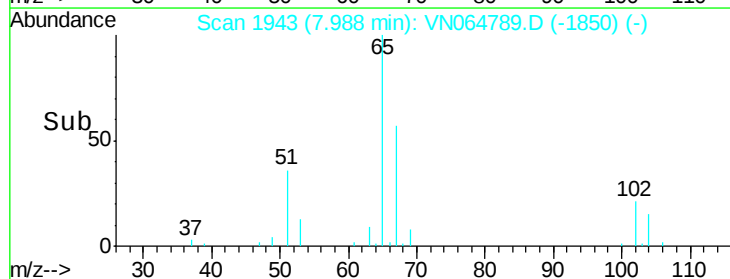
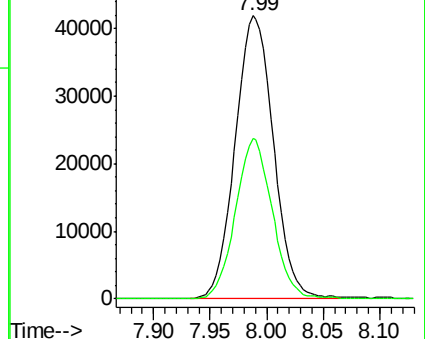
65 100

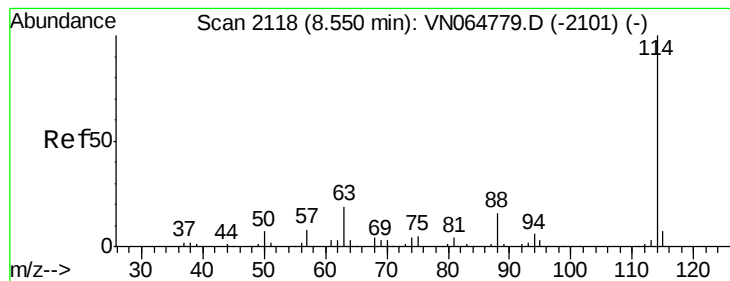
67 54.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064789.D

Acq: 23 Nov 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

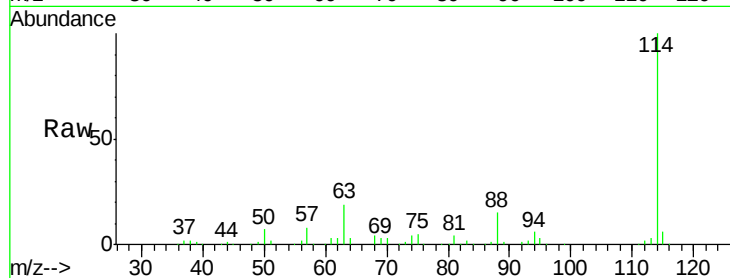
Tot Ion:114 Resp: 277291

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

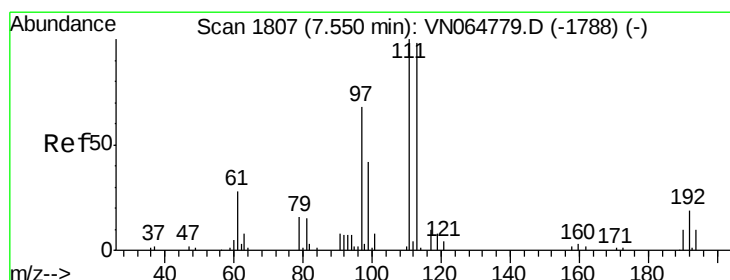
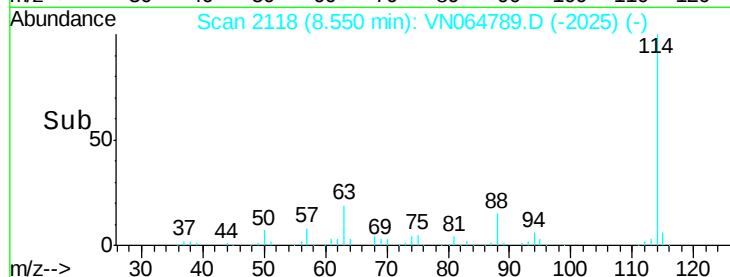
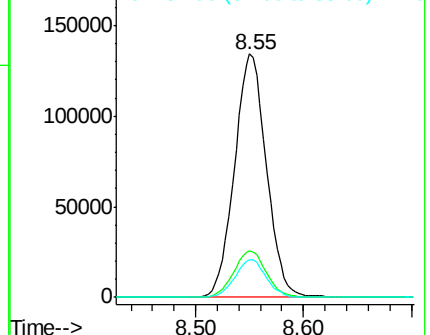
88 15.5 0.0 32.6



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: 52.670 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064789.D

Acq: 23 Nov 2020 17:34

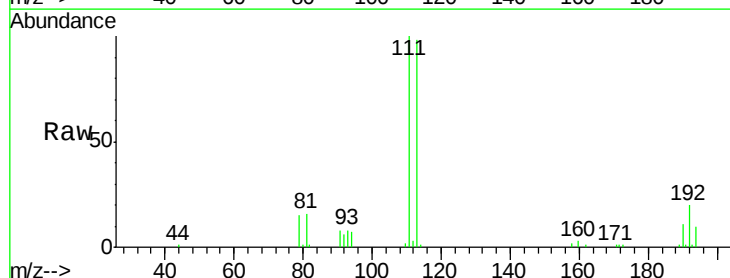
Tgt Ion:113 Resp: 87391

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

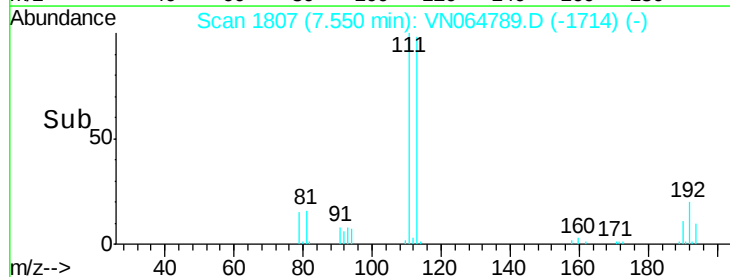
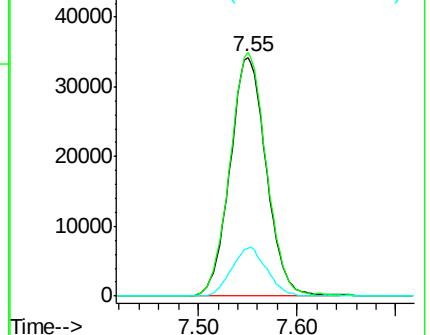
192 19.7 16.2 24.2

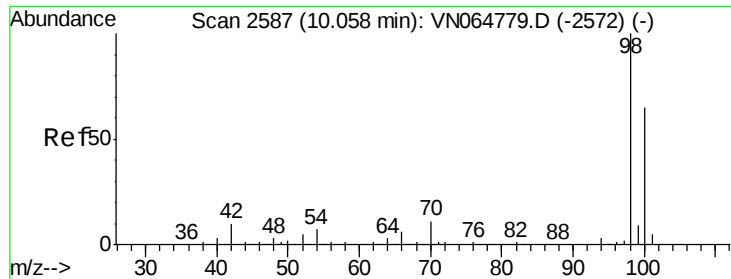


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.831 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064789.D

Acq: 23 Nov 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

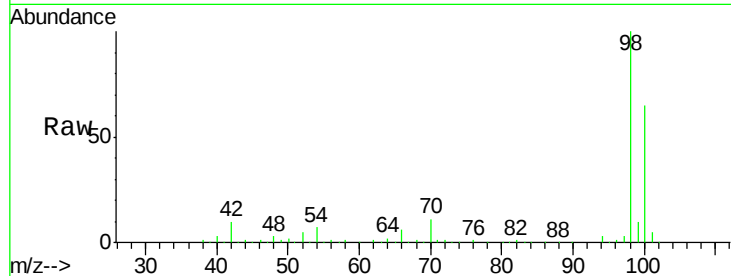
TRIP-BLANK

Tot Ion: 98 Resp: 344603

Ion Ratio Lower Upper

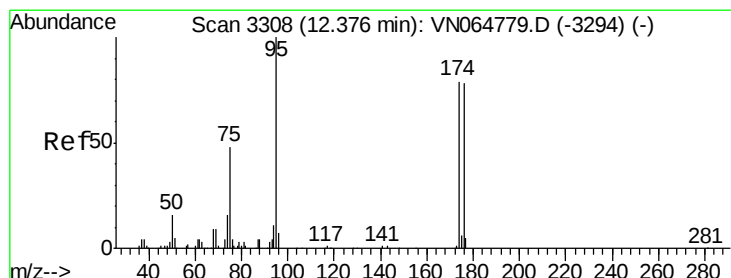
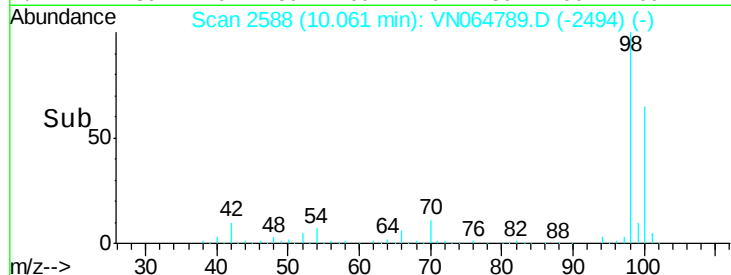
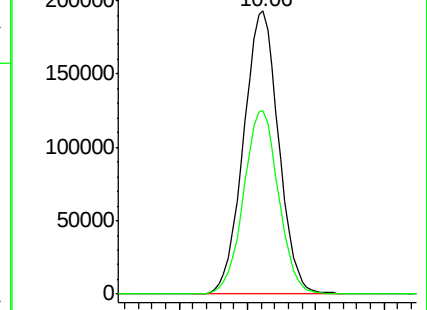
98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)



#62

4-Bromofluorobenzene

Concen: 55.494 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064789.D

Acq: 23 Nov 2020 17:34

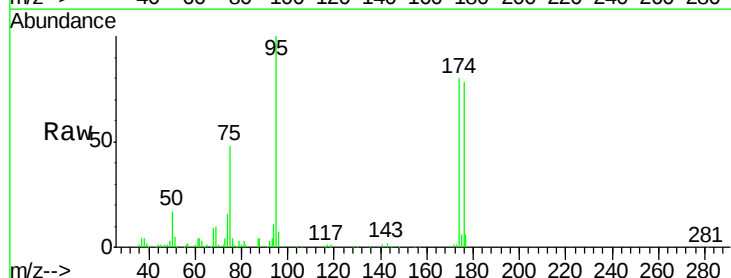
Tgt Ion: 95 Resp: 134641

Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.4

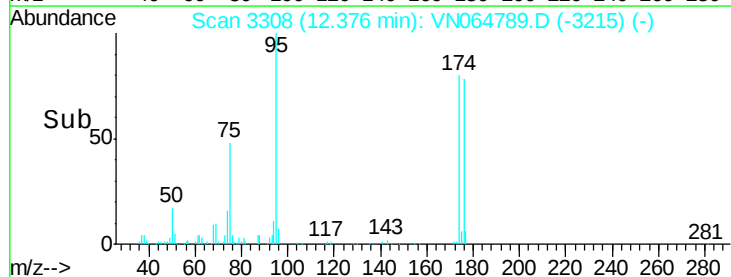
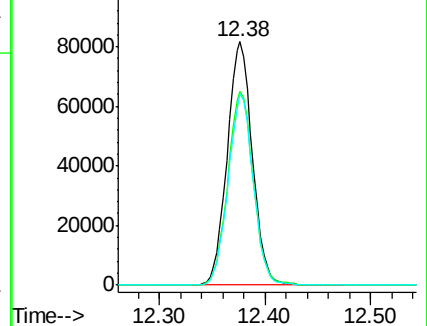
176 78.1 0.0 158.4

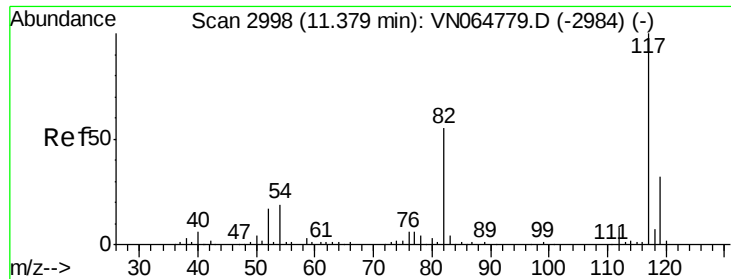


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

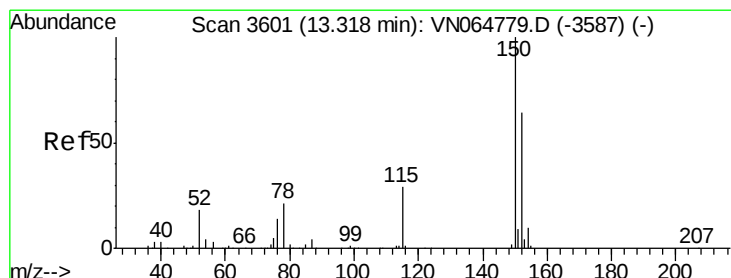
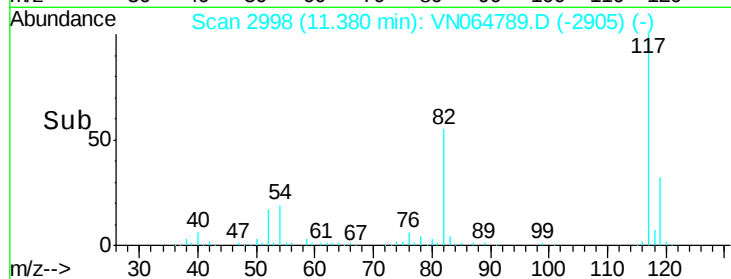
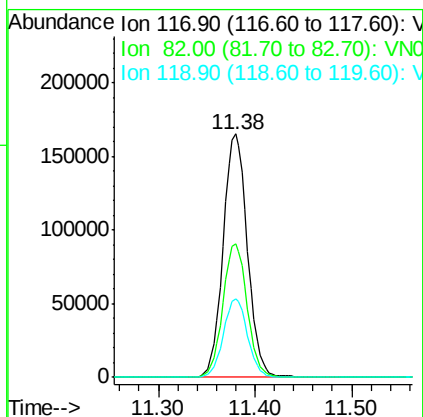
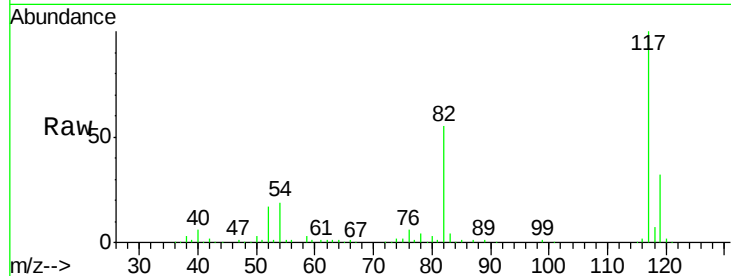




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064789.D
Acq: 23 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 287728
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064789.D
Acq: 23 Nov 2020 17:34

Tgt Ion:152 Resp: 131659
Ion Ratio Lower Upper
152 100
115 59.4 29.7 89.1
150 156.4 0.0 350.6

