

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063588.D
 Acq On : 23 Sep 2020 14:55
 Operator : JC/MD
 Sample : L4072-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-091720

Quant Time: Sep 24 03:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

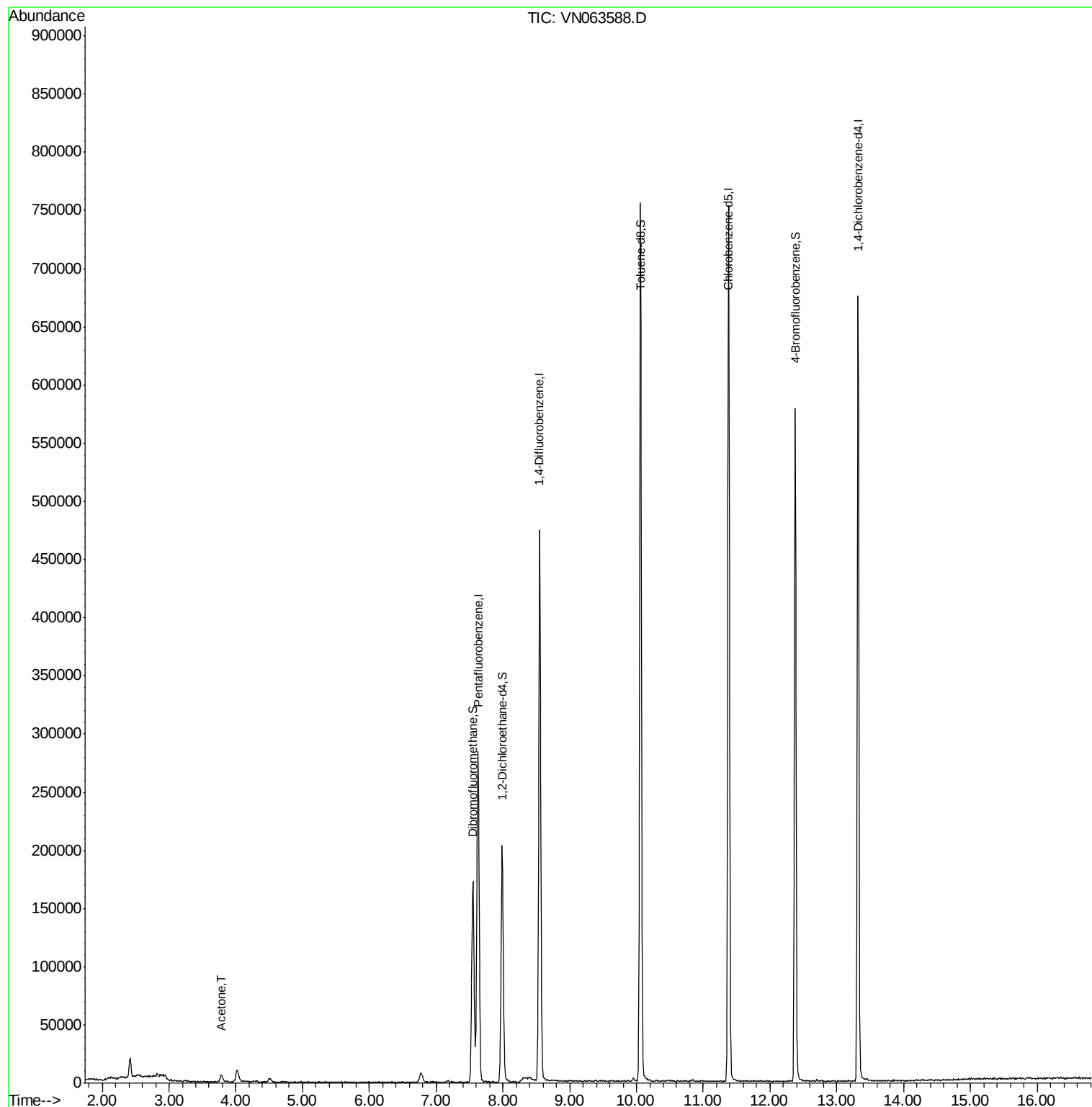
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	203896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	391222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178786	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.55	113	127505	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	10.06	98	498869	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	191799	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
16) Acetone	3.78	43	10907	9.778	ug/l	Qvalue 98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063588.D

Acq: 23 Sep 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

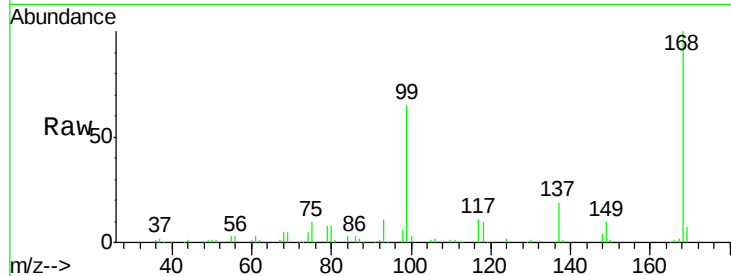
FB-091720

Tot Ion:168 Resp: 203896

Ion Ratio Lower Upper

168 100

99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

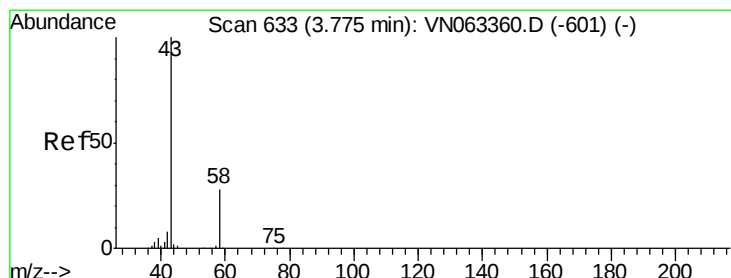
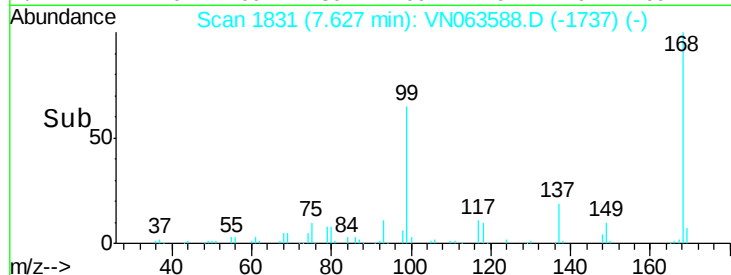
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 9.778 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063588.D

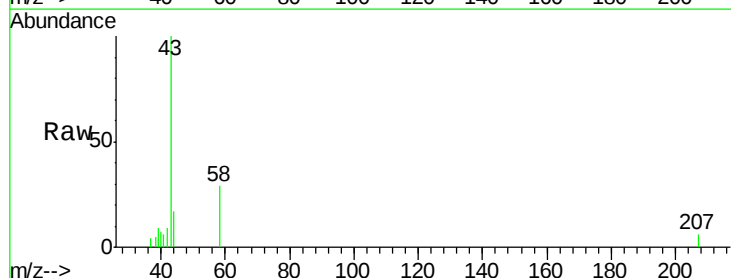
Acq: 23 Sep 2020 14:55

Tgt Ion: 43 Resp: 10907

Ion Ratio Lower Upper

43 100

58 29.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

3000

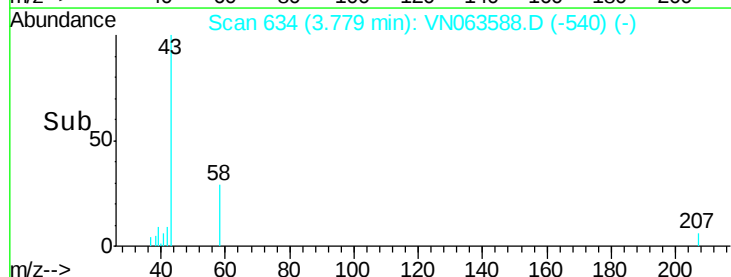
2000

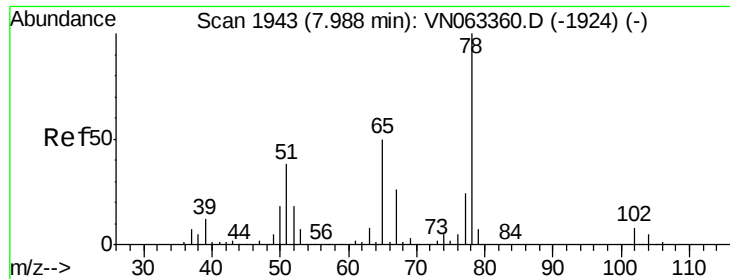
1000

0

Time-->

3.70 3.75 3.80 3.85

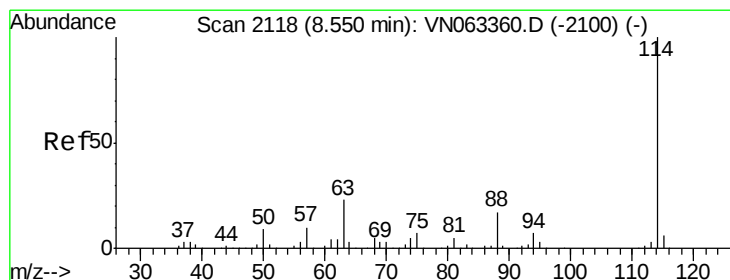
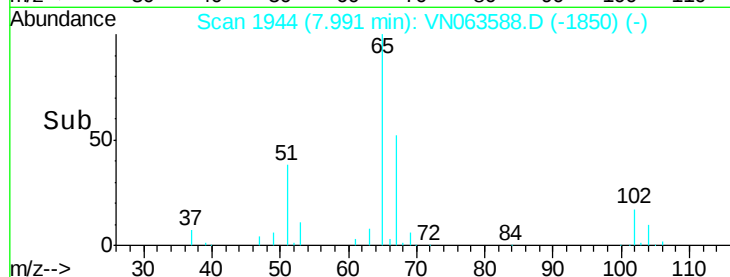
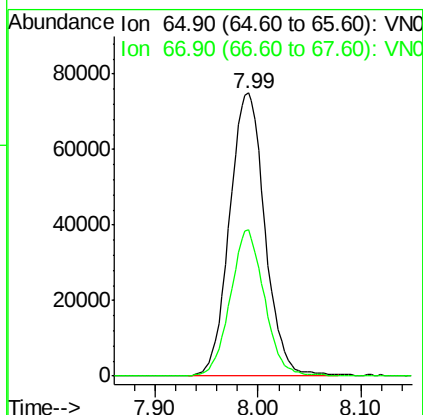
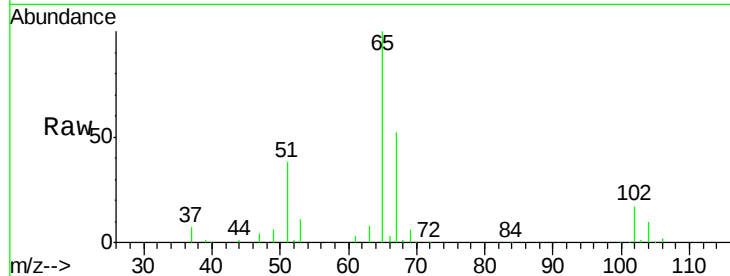




#33
 1,2-Dichloroethane-d4
 Concen: 51.511 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063588.D
 Acq: 23 Sep 2020 14:55

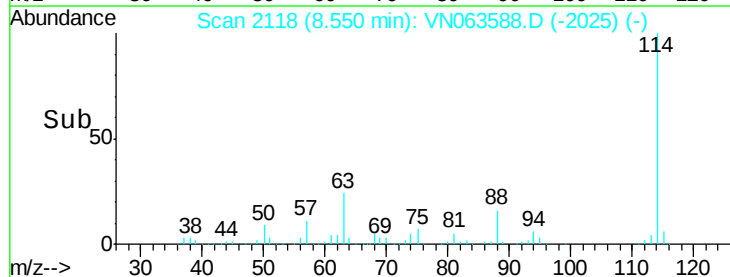
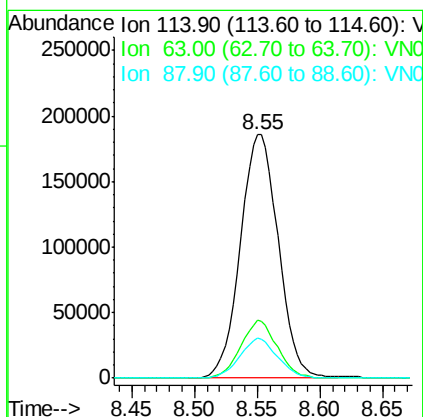
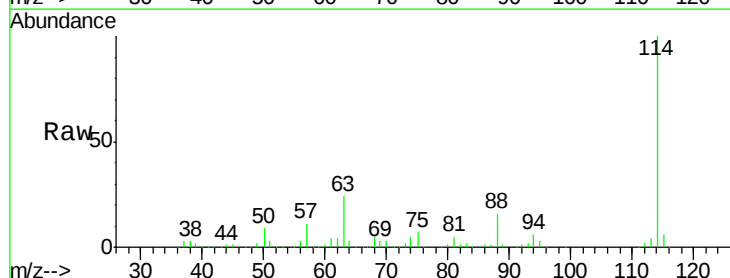
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-091720

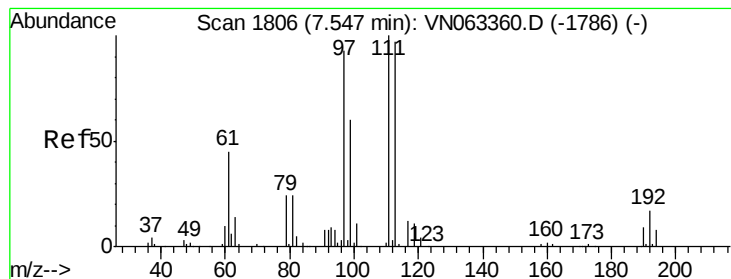
Tot Ion: 65 Resp: 178786
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063588.D
 Acq: 23 Sep 2020 14:55

Tgt Ion: 114 Resp: 391222
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.078 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063588.D

Acq: 23 Sep 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

FB-091720

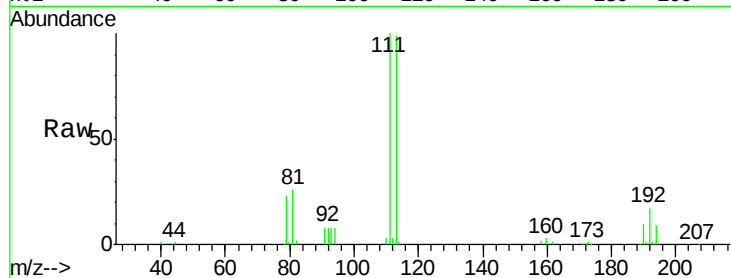
Tot Ion:113 Resp: 127505

Ion Ratio Lower Upper

113 100

111 104.9 82.9 124.3

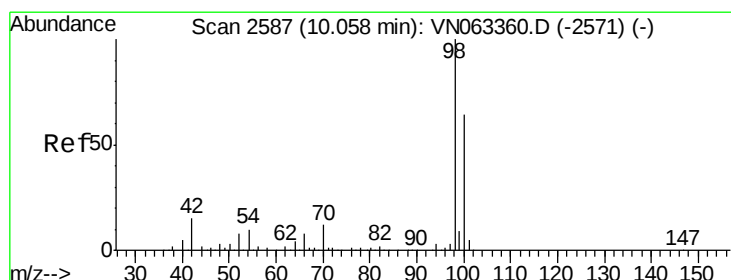
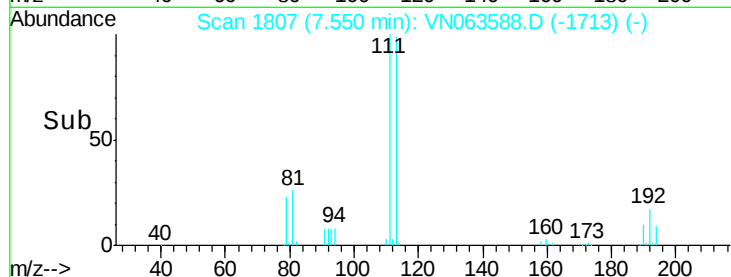
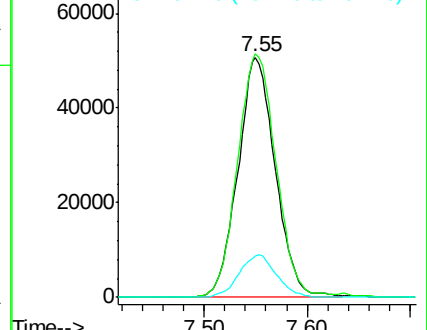
192 17.7 13.9 20.9



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: 48.986 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063588.D

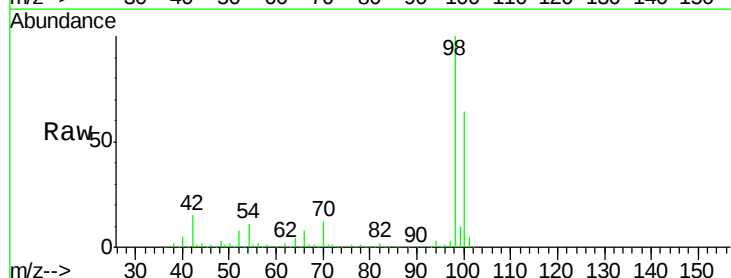
Acq: 23 Sep 2020 14:55

Tgt Ion: 98 Resp: 498869

Ion Ratio Lower Upper

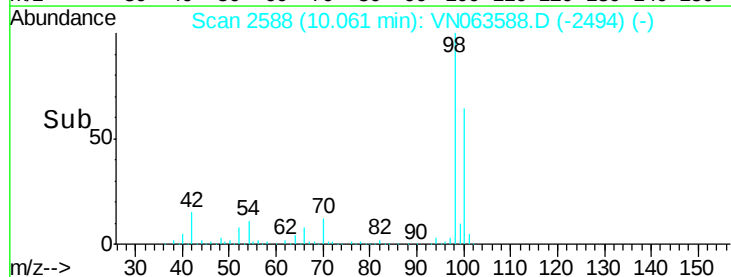
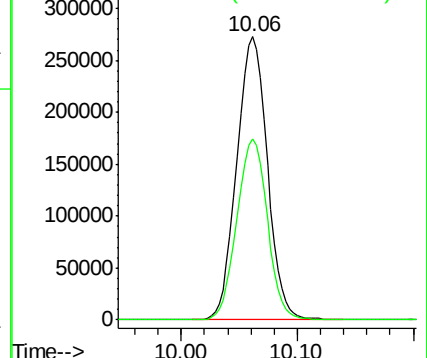
98 100

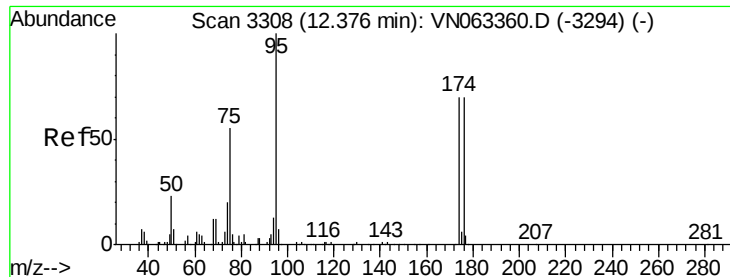
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.376 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063588.D

Acq: 23 Sep 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

FB-091720

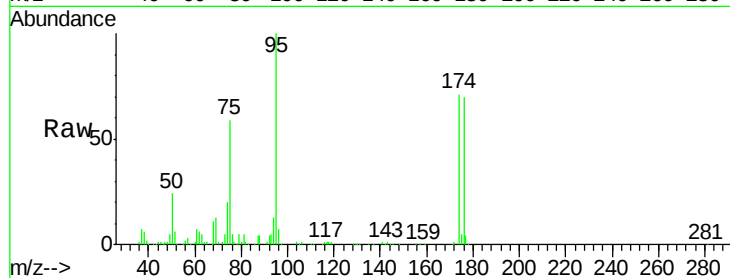
Tot Ion: 95 Resp: 191799

Ion Ratio Lower Upper

95 100

174 73.4 0.0 140.8

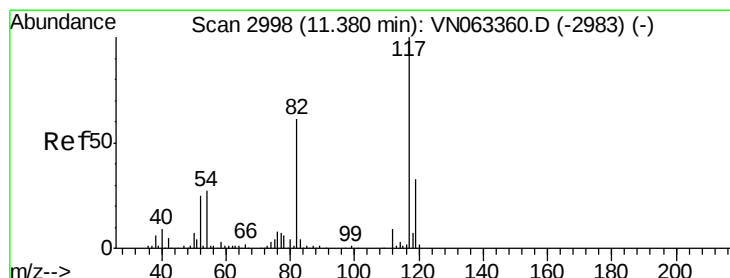
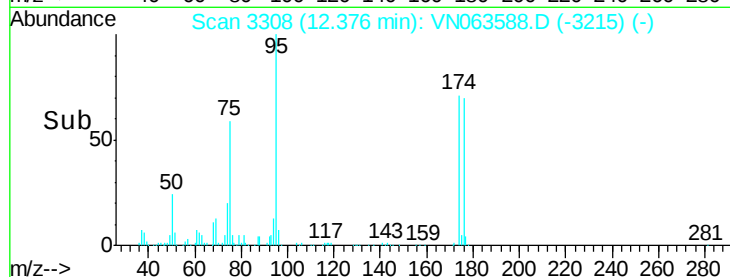
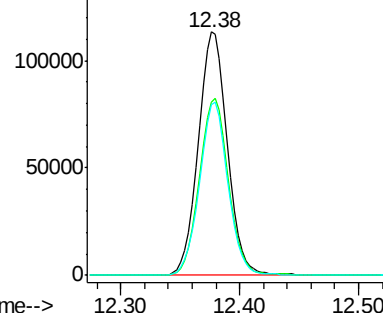
176 69.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063588.D

Acq: 23 Sep 2020 14:55

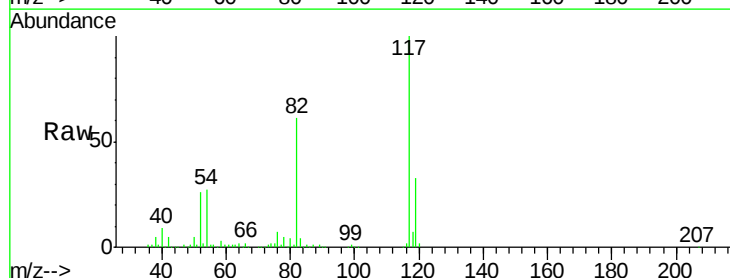
Tgt Ion: 117 Resp: 390483

Ion Ratio Lower Upper

117 100

82 61.1 49.2 73.8

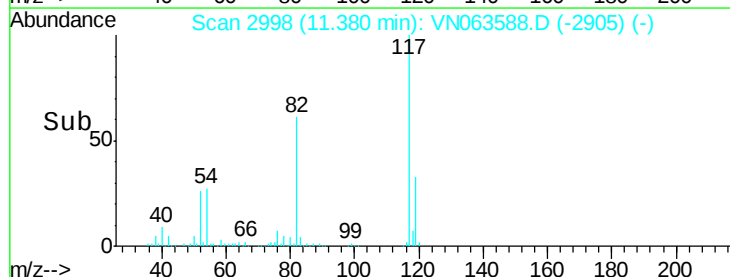
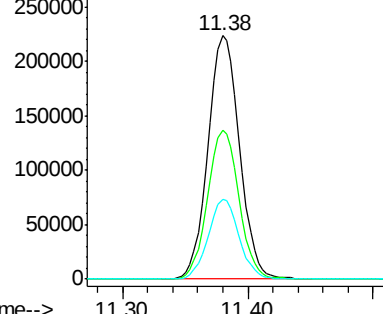
119 32.8 26.2 39.4

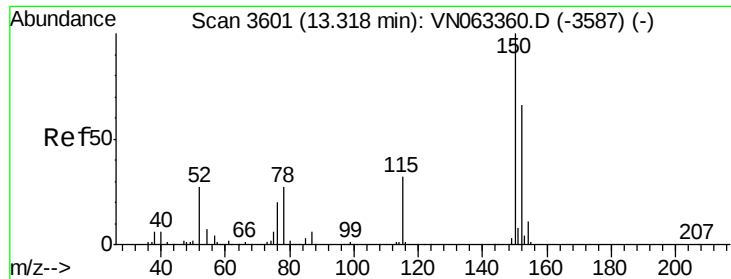


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063588.D

Acq: 23 Sep 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

FB-091720

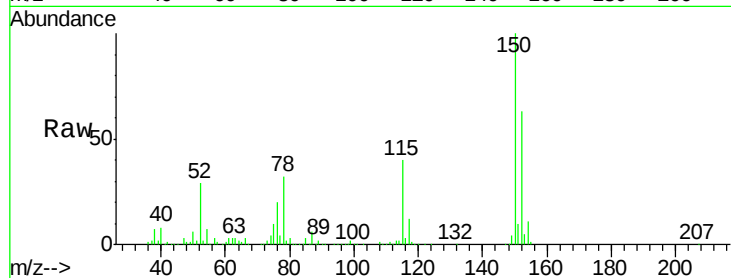
Tot Ion:152 Resp: 162240

Ion Ratio Lower Upper

152 100

115 64.8 32.2 96.6

150 157.7 0.0 343.4



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

