

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064232.D
 Acq On : 21 Oct 2020 19:31
 Operator : JC/MD
 Sample : L4434-06 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16804

Quant Time: Oct 22 02:34:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

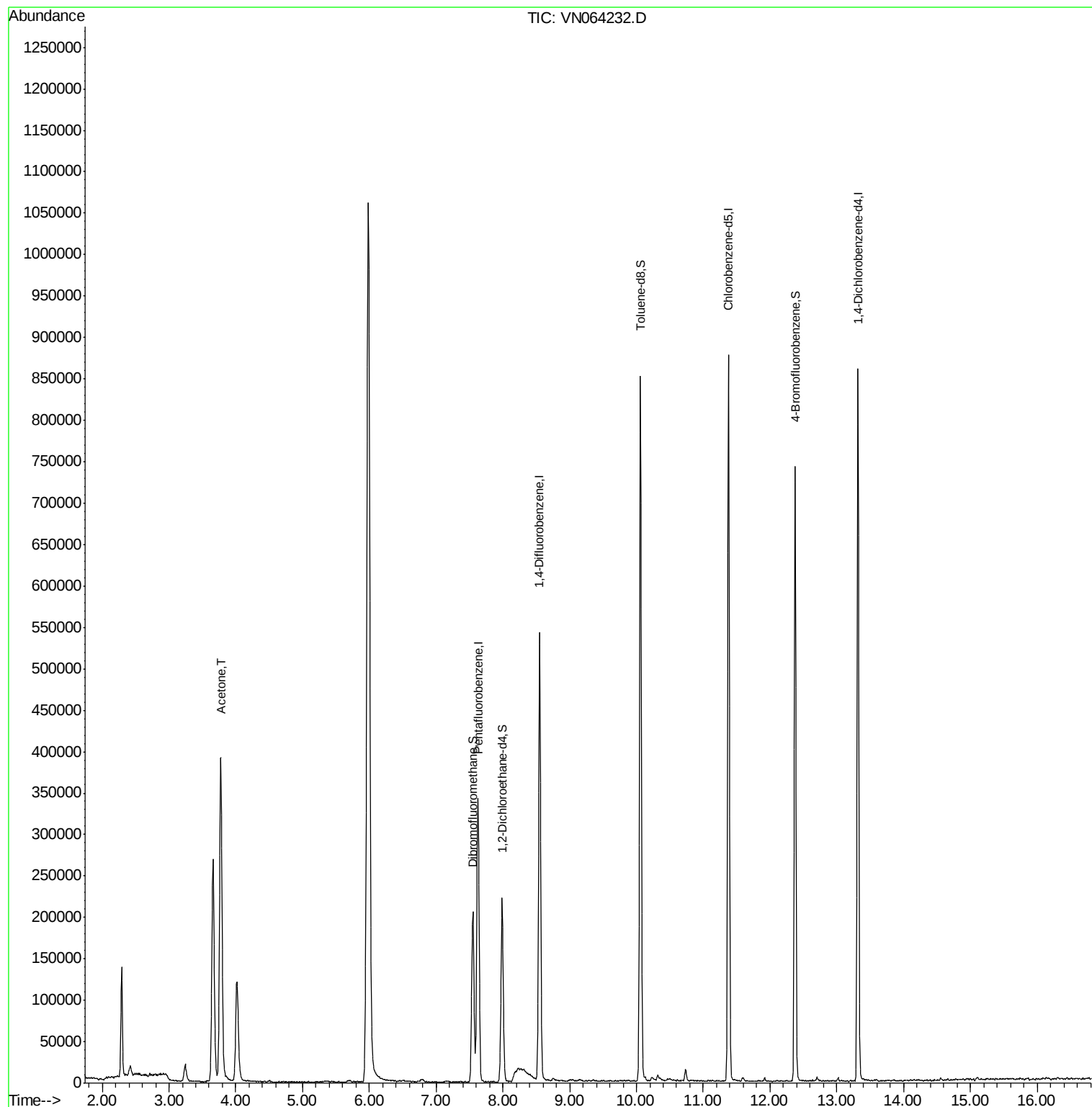
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	460148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202198	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.55	113	153418	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.06	98	577587	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.38	95	256868	56.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.80%	
Target Compounds						
16) Acetone	3.78	43	671093	608.799	ug/l	Qvalue 98

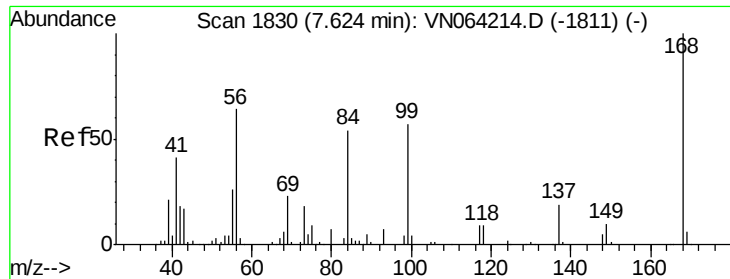
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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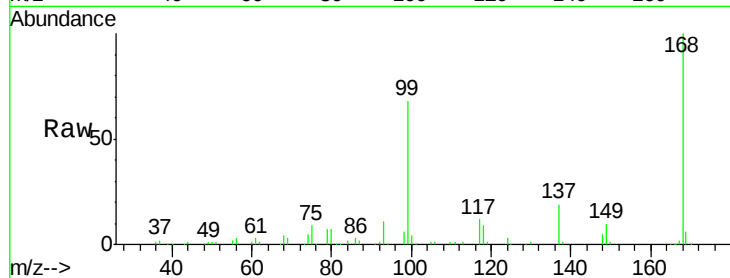
16804

Tot Ion:168 Resp: 259421

Ion Ratio Lower Upper

168 100

99 67.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

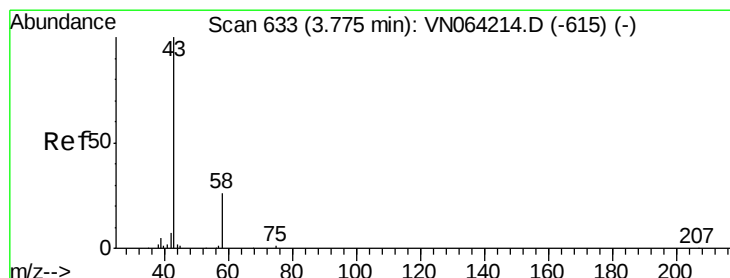
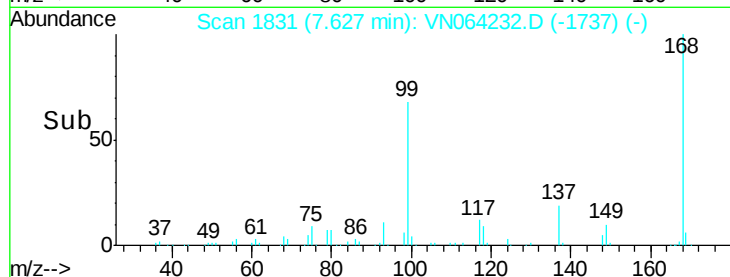
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 608.799 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064232.D

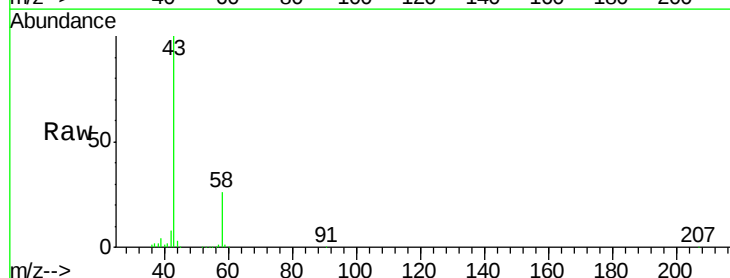
Acq: 21 Oct 2020 19:31

Tgt Ion: 43 Resp: 671093

Ion Ratio Lower Upper

43 100

58 25.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

300000

250000

200000

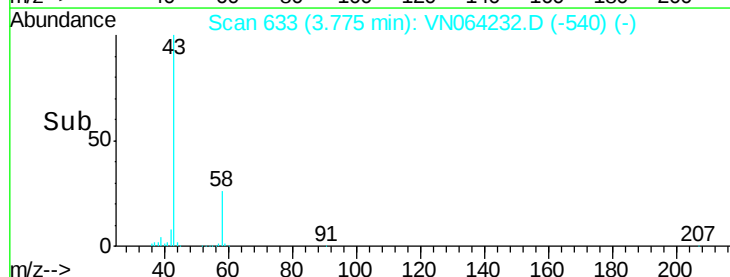
150000

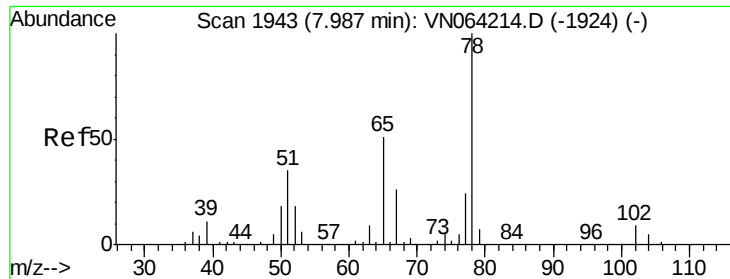
100000

50000

0

Time--> 3.70 3.80 3.90

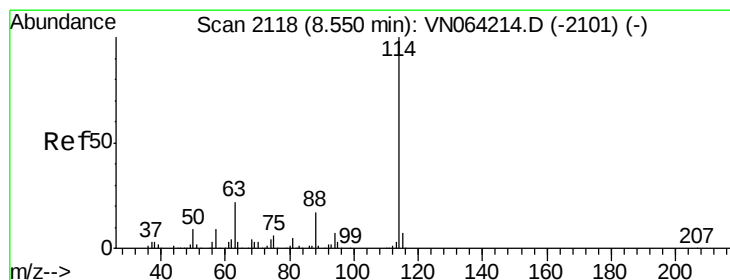
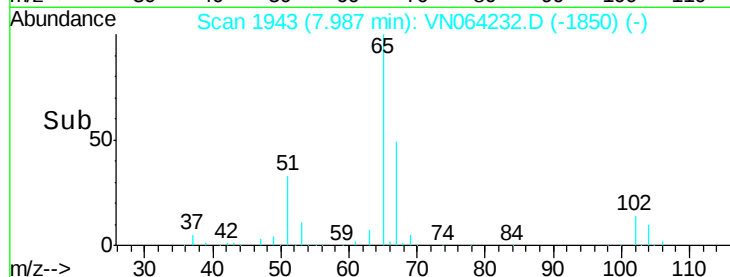
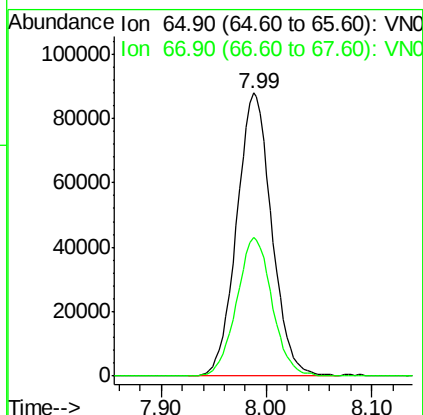
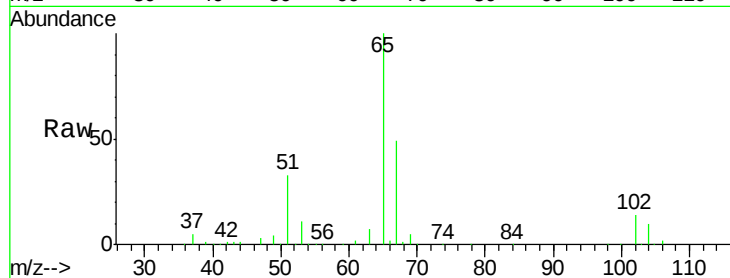




#33
 1,2-Dichloroethane-d4
 Concen: 52.484 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064232.D
 Acq: 21 Oct 2020 19:31

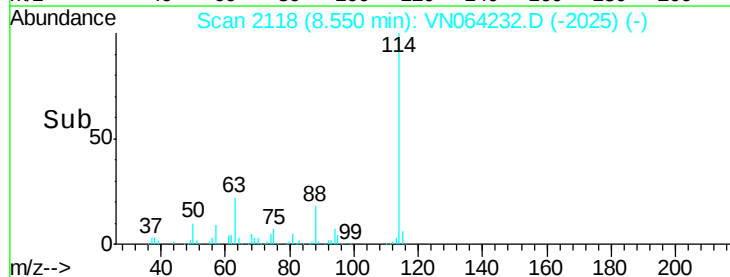
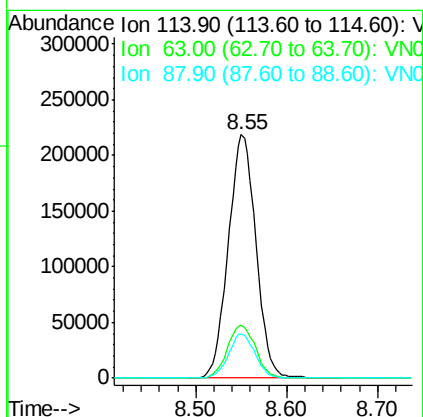
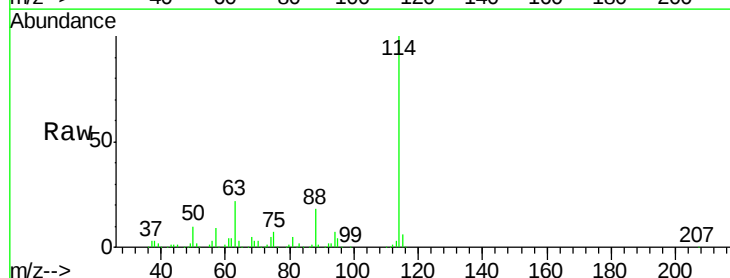
Instrument :
 MSVOA_N
 ClientSampleId :
 16804

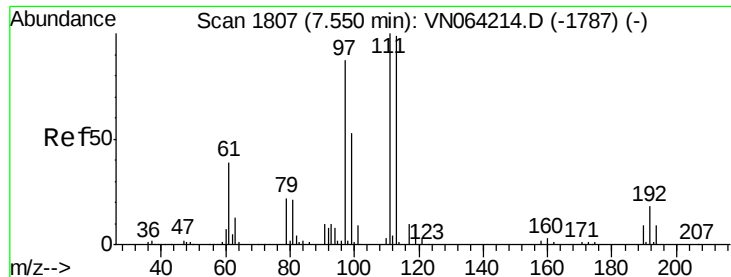
Tot Ion: 65 Resp: 202198
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064232.D
 Acq: 21 Oct 2020 19:31

Tgt Ion: 114 Resp: 461769
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.0
 88 18.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.972 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064232.D

Acq: 21 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

16804

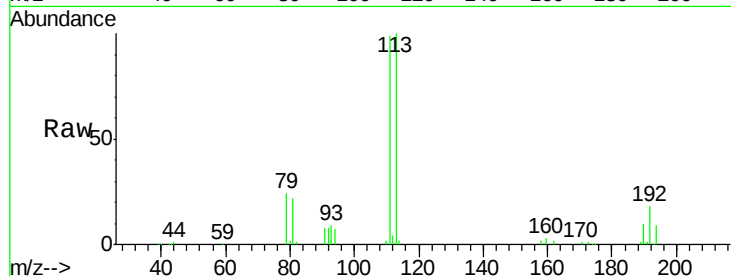
Tot Ion:113 Resp: 153418

Ion Ratio Lower Upper

113 100

111 102.0 84.2 126.2

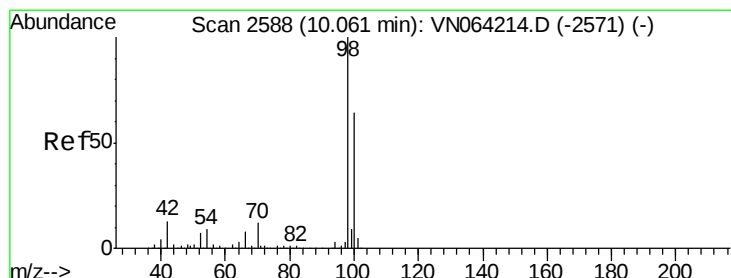
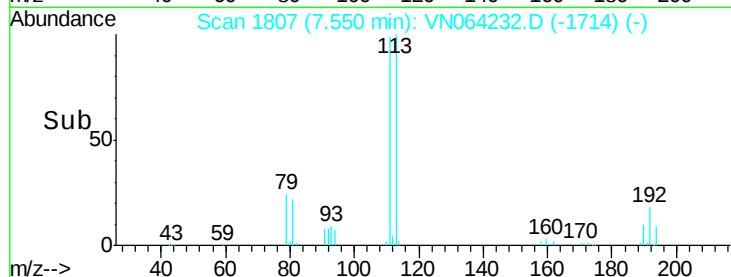
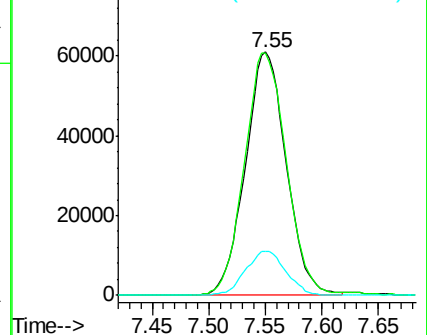
192 17.9 15.2 22.8



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: 51.863 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064232.D

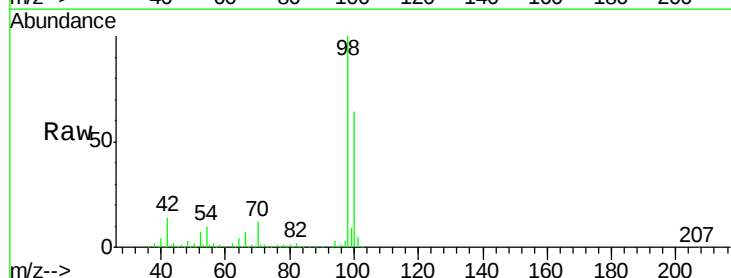
Acq: 21 Oct 2020 19:31

Tgt Ion: 98 Resp: 577587

Ion Ratio Lower Upper

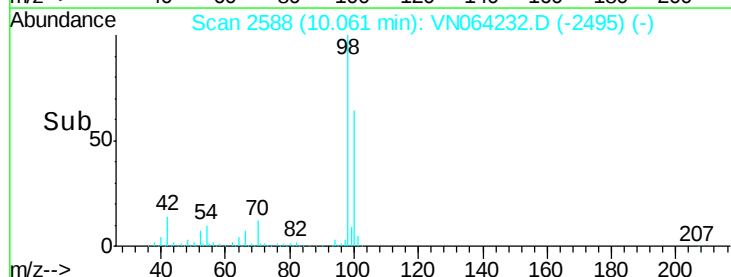
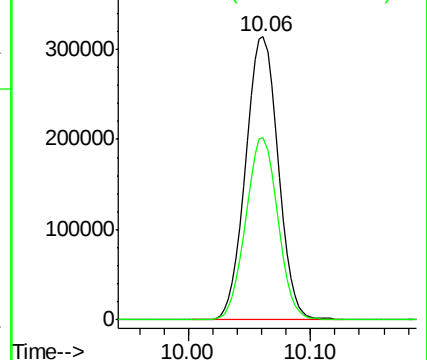
98 100

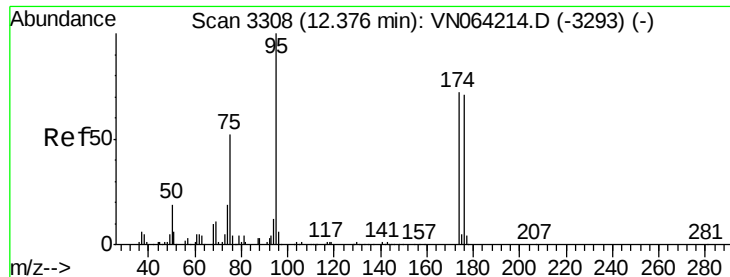
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 56.896 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064232.D

Acq: 21 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

16804

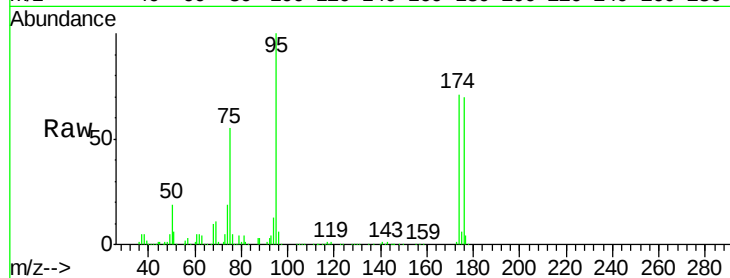
Tot Ion: 95 Resp: 256868

Ion Ratio Lower Upper

95 100

174 73.5 0.0 144.4

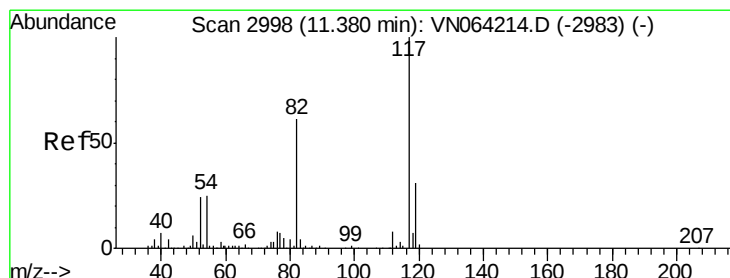
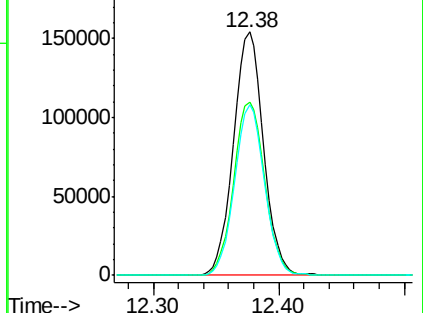
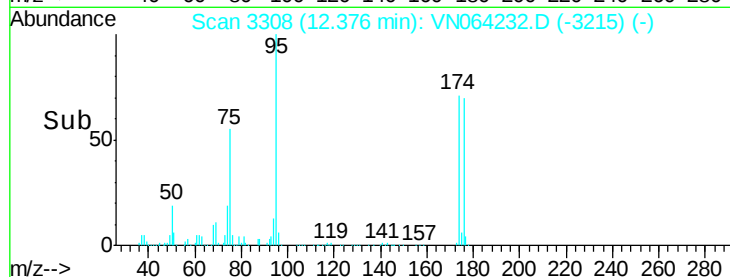
176 69.9 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064232.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064232.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064232.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064232.D

Acq: 21 Oct 2020 19:31

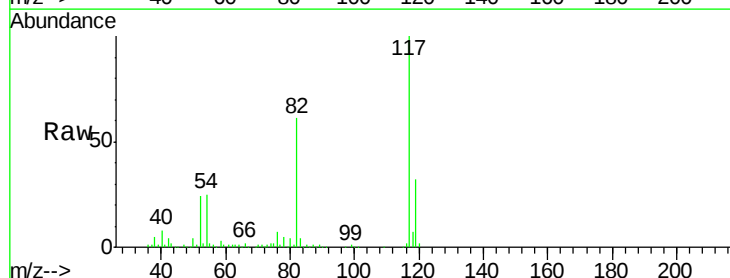
Tgt Ion: 117 Resp: 460148

Ion Ratio Lower Upper

117 100

82 60.9 48.8 73.2

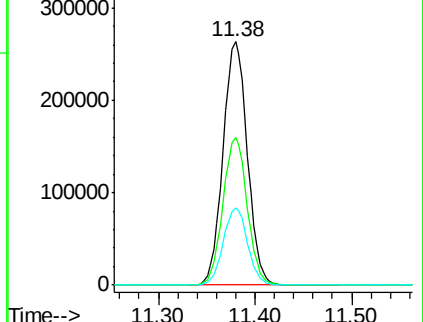
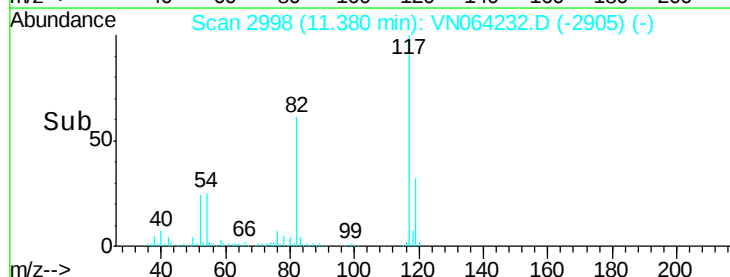
119 31.8 24.7 37.1

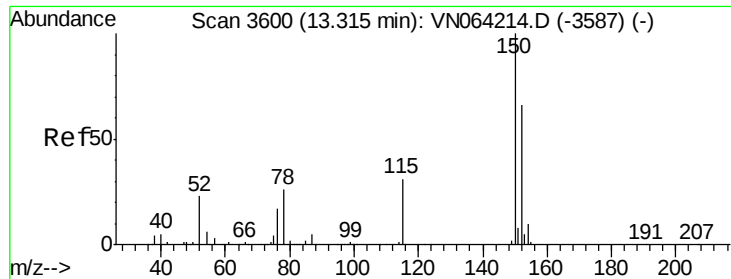


Abundance Ion 116.90 (116.60 to 117.60): VN064232.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064232.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064232.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064232.D

Acq: 21 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

16804

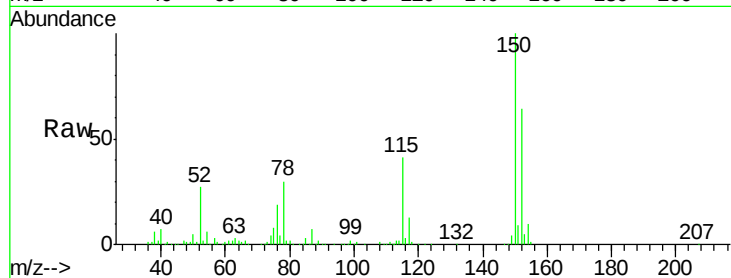
Tot Ion:152 Resp: 214061

Ion Ratio Lower Upper

152 100

115 64.4 32.0 96.2

150 157.6 0.0 356.6



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

