

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064762.D
 Acq On : 20 Nov 2020 5:55
 Operator : JC/MD
 Sample : L4798-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 08BR-20201118

Quant Time: Nov 24 08:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

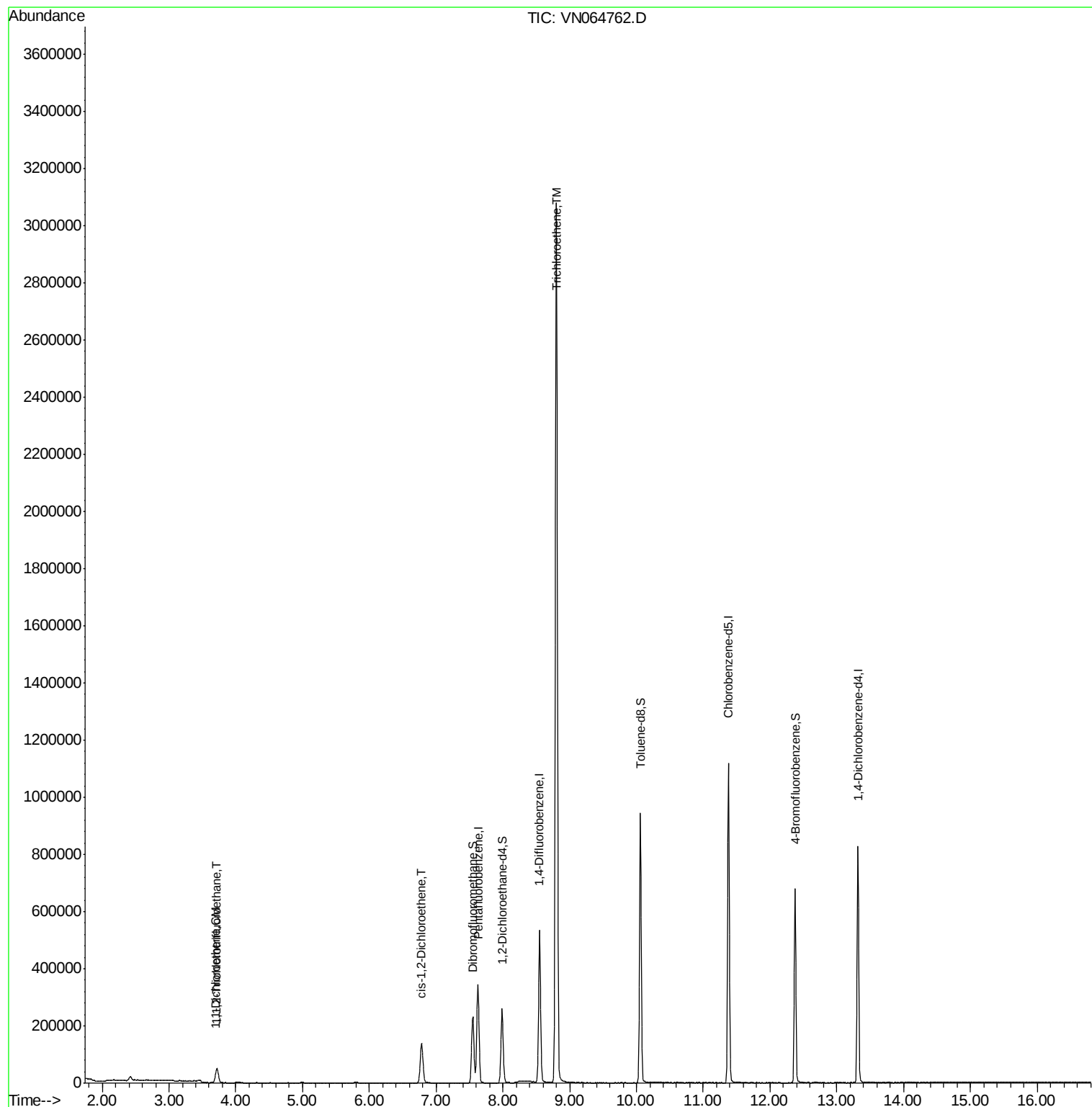
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	240674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	617268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	232595	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.55	113	177673	72.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.60%	
50) Toluene-d8	10.06	98	630122	56.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.84%	
62) 4-Bromofluorobenzene	12.38	95	227100	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29461	10.970	ug/l	98
12) 1,1-Dichloroethene	3.69	96	2467	0.953	ug/l	94
27) cis-1,2-Dichloroethene	6.78	96	84526	26.555	ug/l	89
44) Trichloroethene	8.80	130	1028027	289.447	ug/l	97

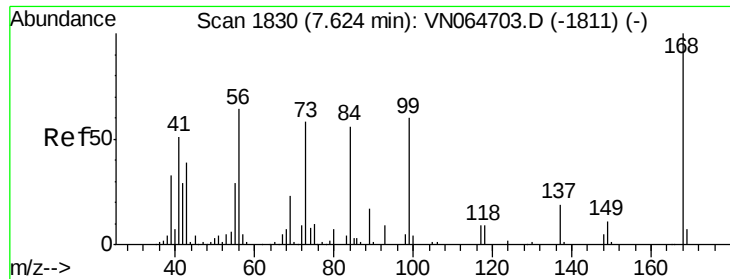
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 15:29:54 2020
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: VN064762.D

Acq: 20 Nov 2020 5:55

Instrument :

MSVOA_N

ClientSampleId :

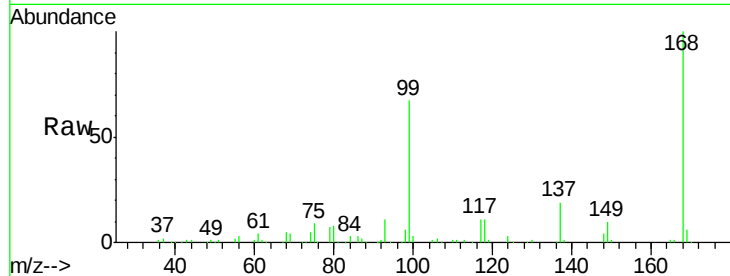
08BR-20201118

Tot Ion:168 Resp: 240674

Ion Ratio Lower Upper

168 100

99 67.1 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

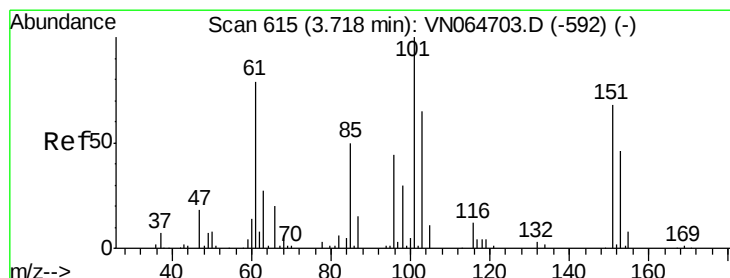
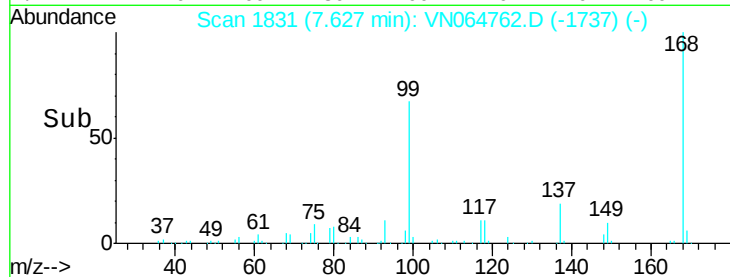
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.970 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064762.D

Acq: 20 Nov 2020 5:55

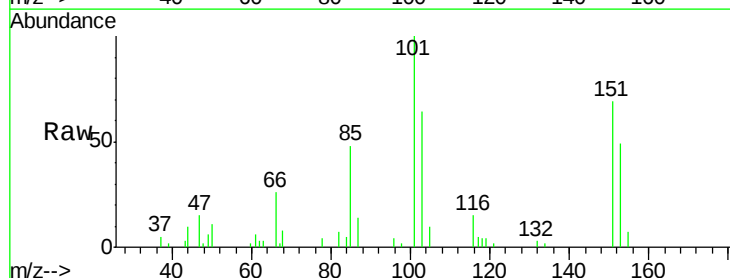
Tgt Ion:101 Resp: 29461

Ion Ratio Lower Upper

101 100

85 50.0 39.0 58.4

151 72.9 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

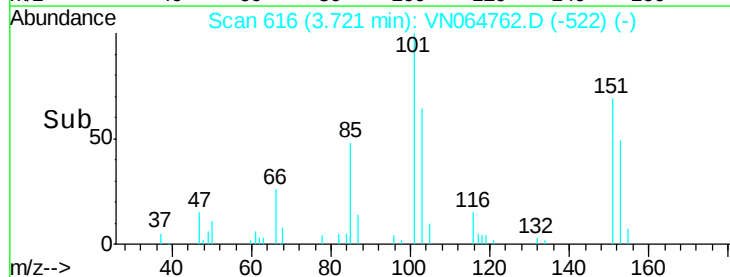
3.72

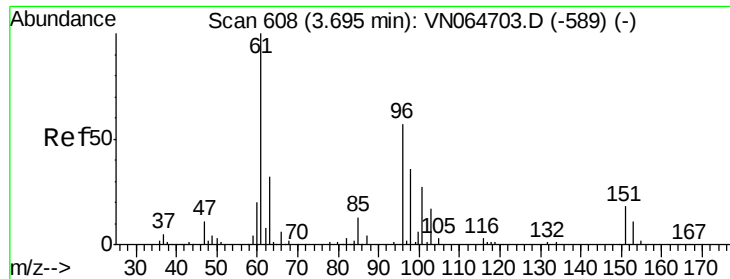
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.953 ug/l

RT: 3.69 min Scan# 606

Delta R.T. -0.01 min

Lab File: VN064762.D

Acq: 20 Nov 2020 5:55

Instrument :

MSVOA_N

ClientSampleId :

08BR-20201118

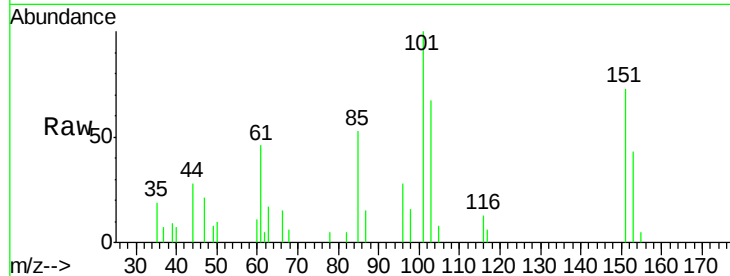
Tot Ion: 96 Resp: 2467

Ion Ratio Lower Upper

96 100

61 165.6 139.1 208.7

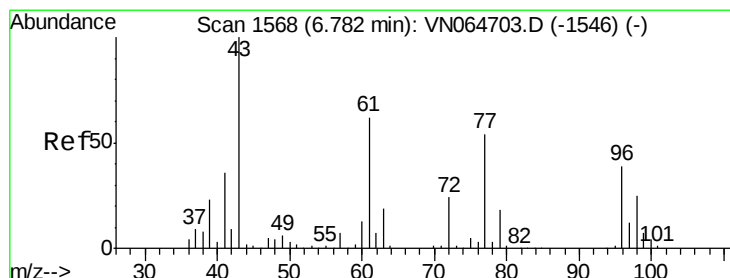
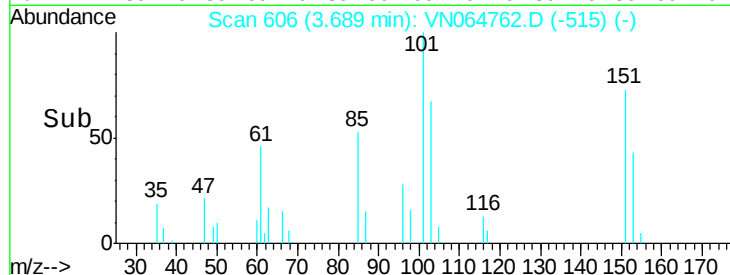
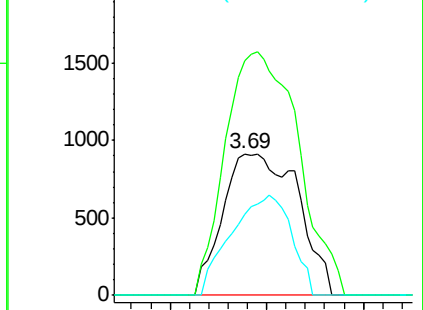
98 57.5 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VN064762.D (-515) (-)

Ion 60.90 (60.60 to 61.60): VN064762.D (-515) (-)

Ion 97.90 (97.60 to 98.60): VN064762.D (-515) (-)



#27

cis-1,2-Dichloroethene

Concen: 26.555 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064762.D

Acq: 20 Nov 2020 5:55

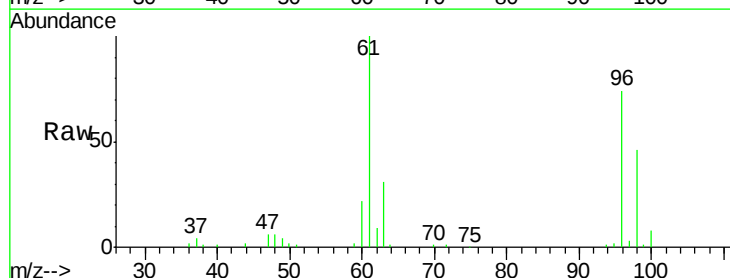
Tgt Ion: 96 Resp: 84526

Ion Ratio Lower Upper

96 100

61 141.3 0.0 322.6

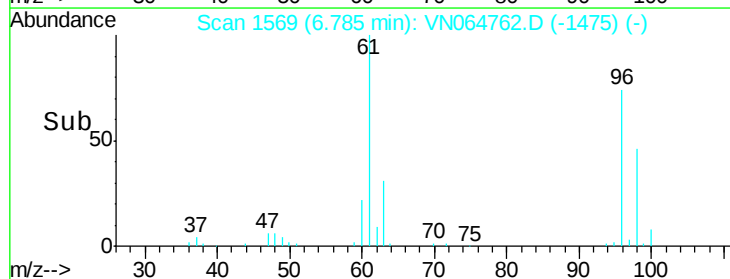
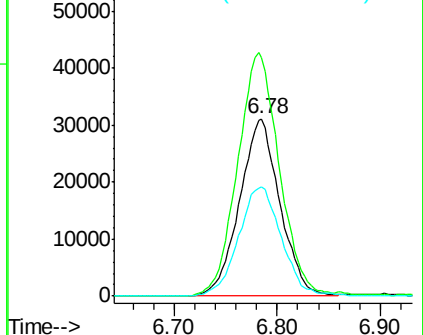
98 65.3 0.0 128.6

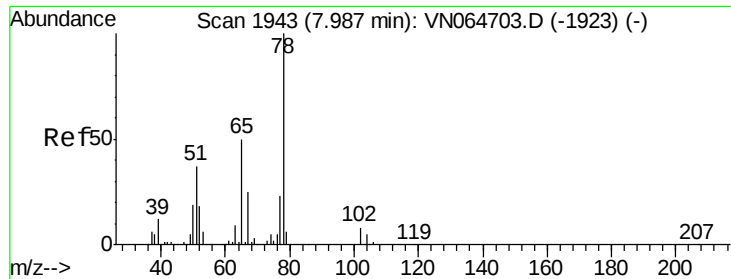


Abundance Ion 95.90 (95.60 to 96.60): VN064762.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064762.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064762.D (-1475) (-)

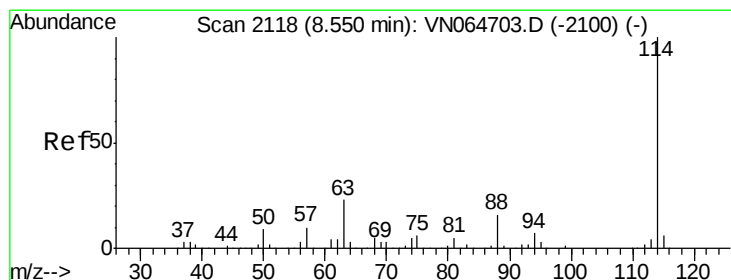
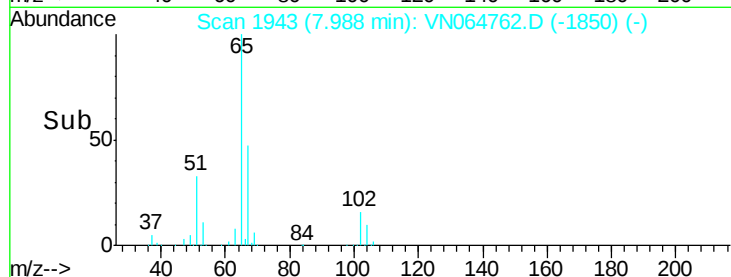
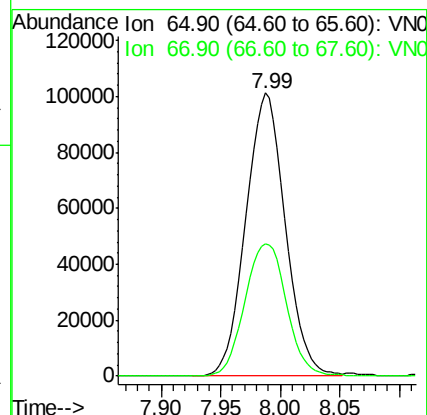
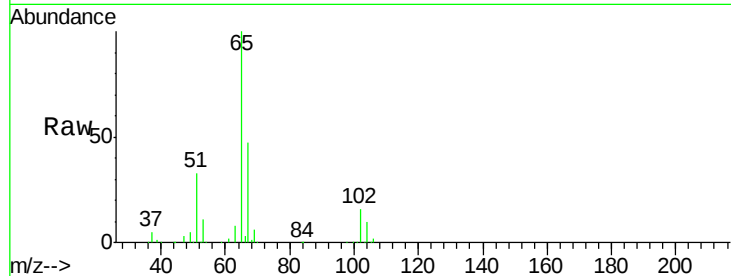




#33
 1,2-Dichloroethane-d4
 Concen: 54.937 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064762.D
 Acq: 20 Nov 2020 5:55

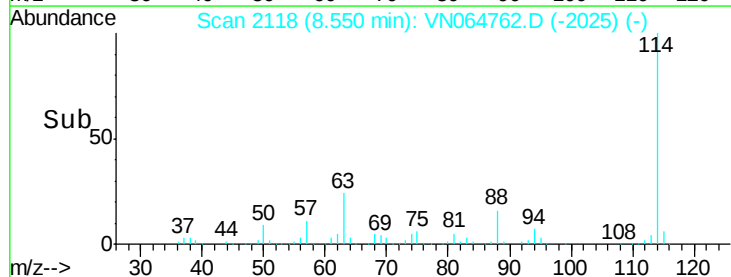
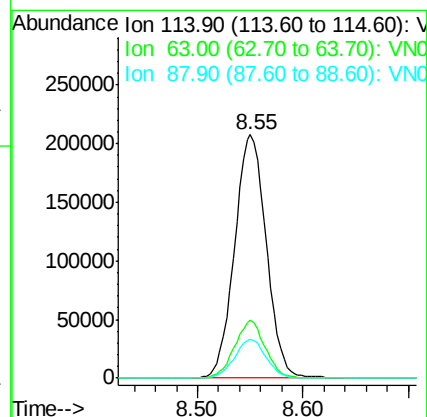
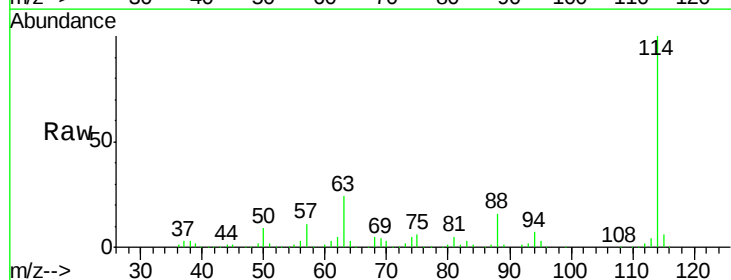
Instrument :
 MSVOA_N
 ClientSampleId :
 08BR-20201118

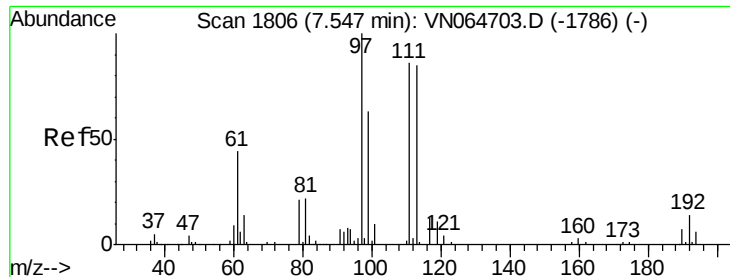
Tot Ion: 65 Resp: 232595
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064762.D
 Acq: 20 Nov 2020 5:55

Tgt Ion: 114 Resp: 431728
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 15.8 0.0 31.2

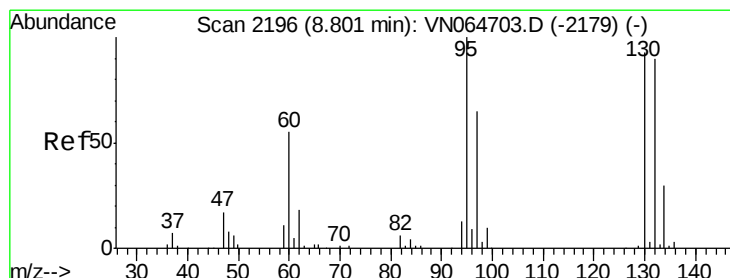
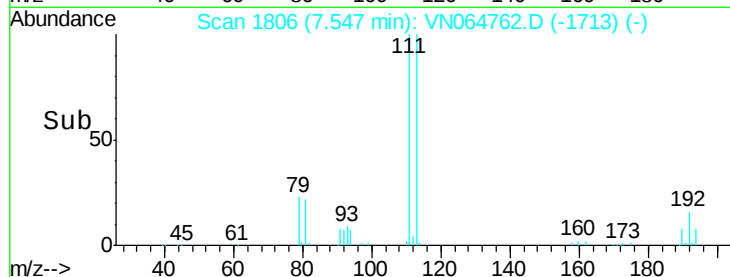
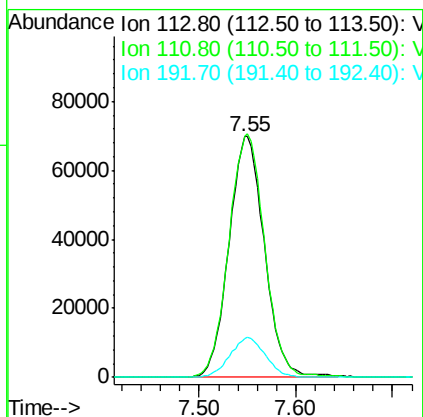
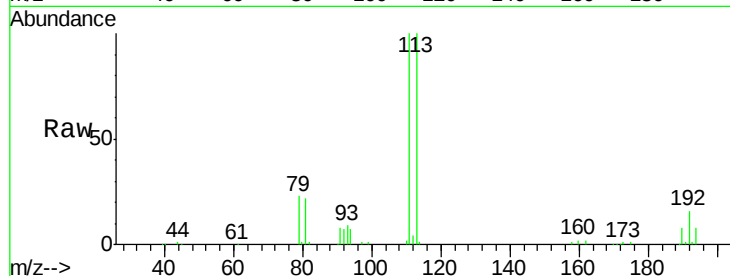




#35
Dibromofluoromethane
Concen: 72.305 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064762.D
Acq: 20 Nov 2020 5:55

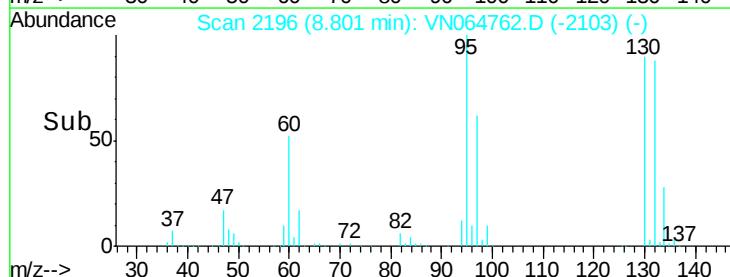
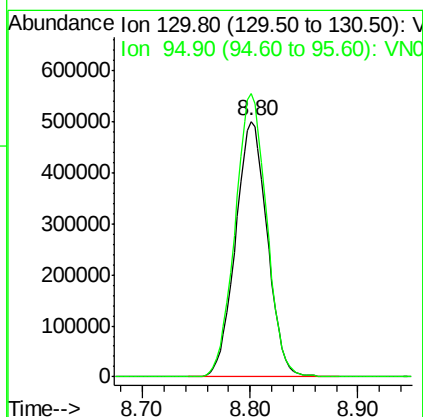
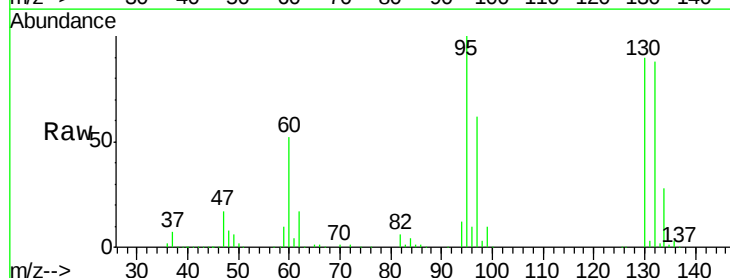
Instrument :
MSVOA_N
ClientSampleId :
08BR-20201118

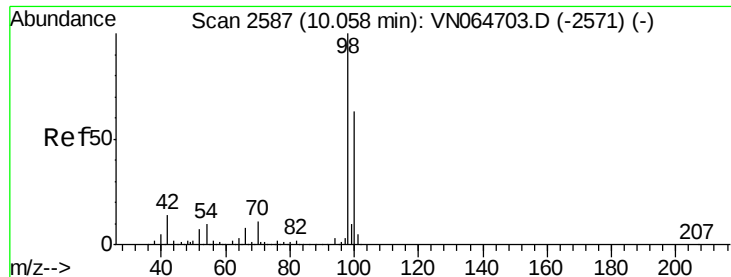
Tot Ion:113 Resp: 177673
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.5 12.7 19.1



#44
Trichloroethene
Concen: 289.447 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064762.D
Acq: 20 Nov 2020 5:55

Tgt Ion:130 Resp: 1028027
Ion Ratio Lower Upper
130 100
95 110.7 0.0 214.2





#50

Toluene-d8

Concen: 56.422 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064762.D

Acq: 20 Nov 2020 5:55

Instrument :

MSVOA_N

ClientSampleId :

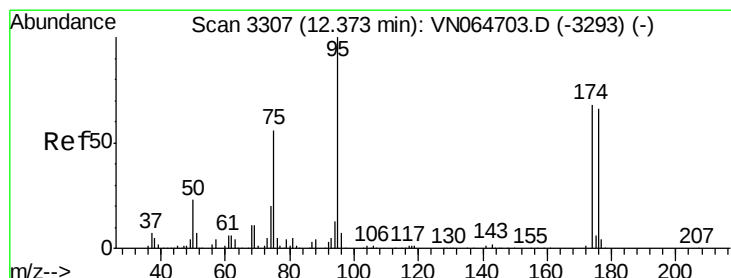
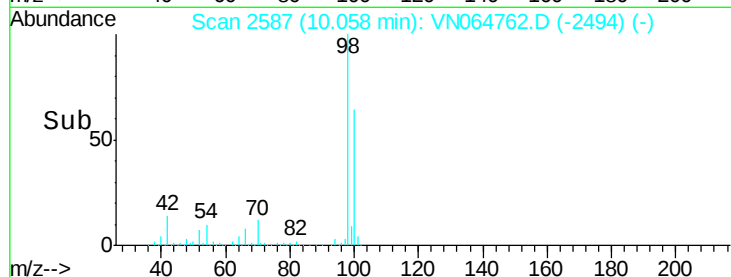
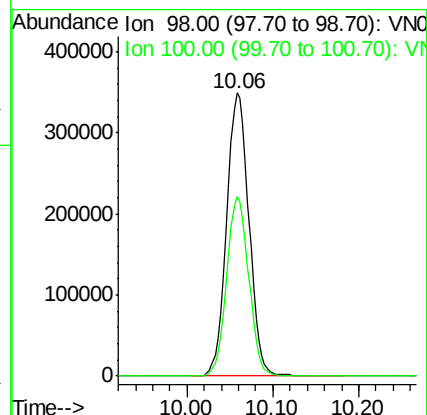
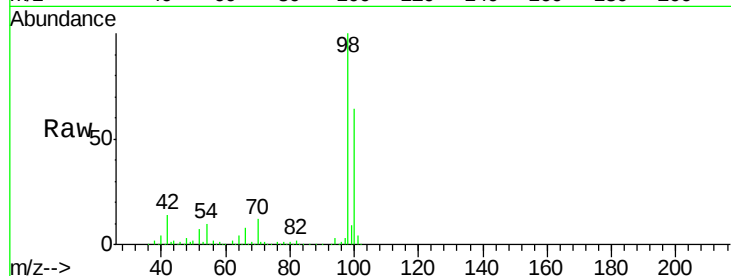
08BR-20201118

Tot Ion: 98 Resp: 630122

Ion Ratio Lower Upper

98 100

100 63.0 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 54.404 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064762.D

Acq: 20 Nov 2020 5:55

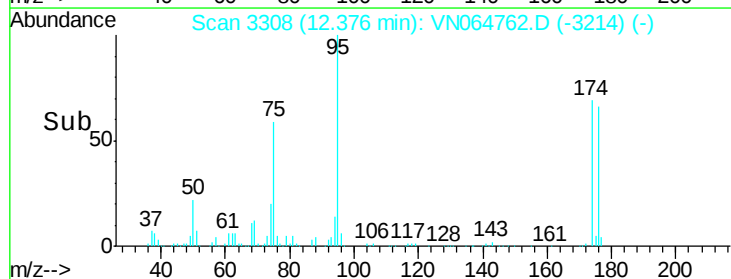
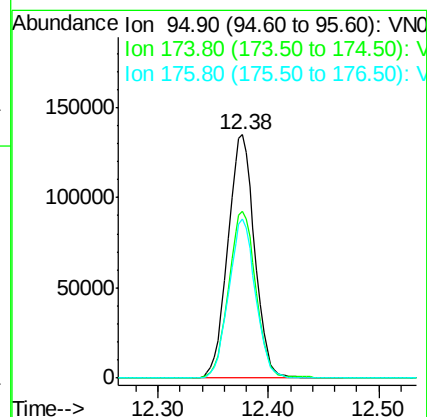
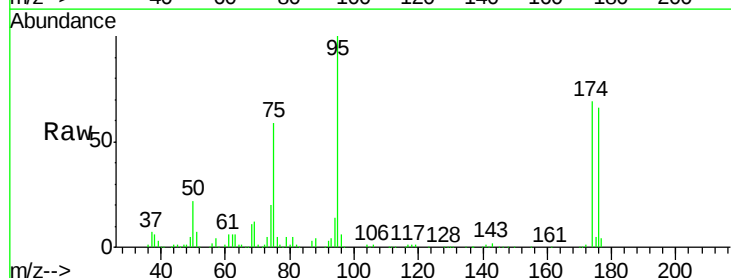
Tgt Ion: 95 Resp: 227100

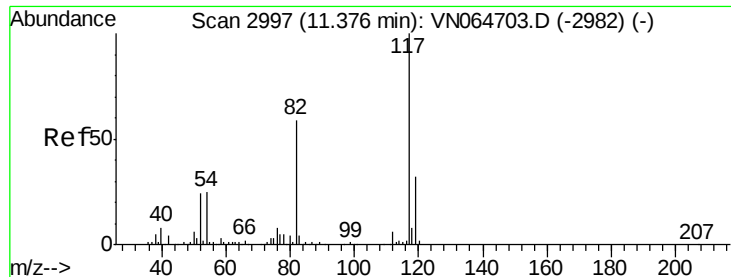
Ion Ratio Lower Upper

95 100

174 69.4 0.0 136.8

176 65.0 0.0 134.2

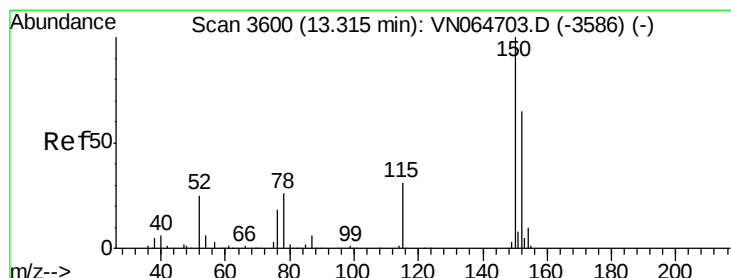
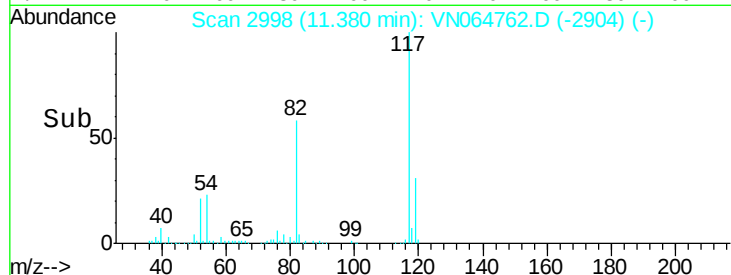
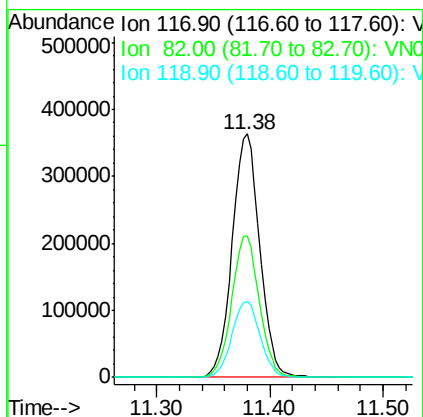
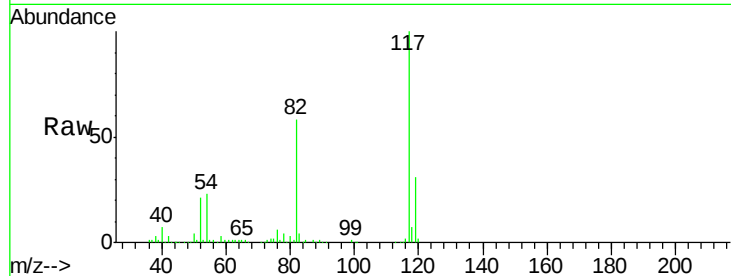




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064762.D
Acq: 20 Nov 2020 5:55

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:117 Resp: 617268
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.6
119 30.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064762.D
Acq: 20 Nov 2020 5:55

Tgt Ion:152 Resp: 196836
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.3
150 159.2 0.0 344.8

