

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064692.D
 Acq On : 17 Nov 2020 19:55
 Operator : JC/MD
 Sample : L4767-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1555

Quant Time: Nov 18 03:21:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

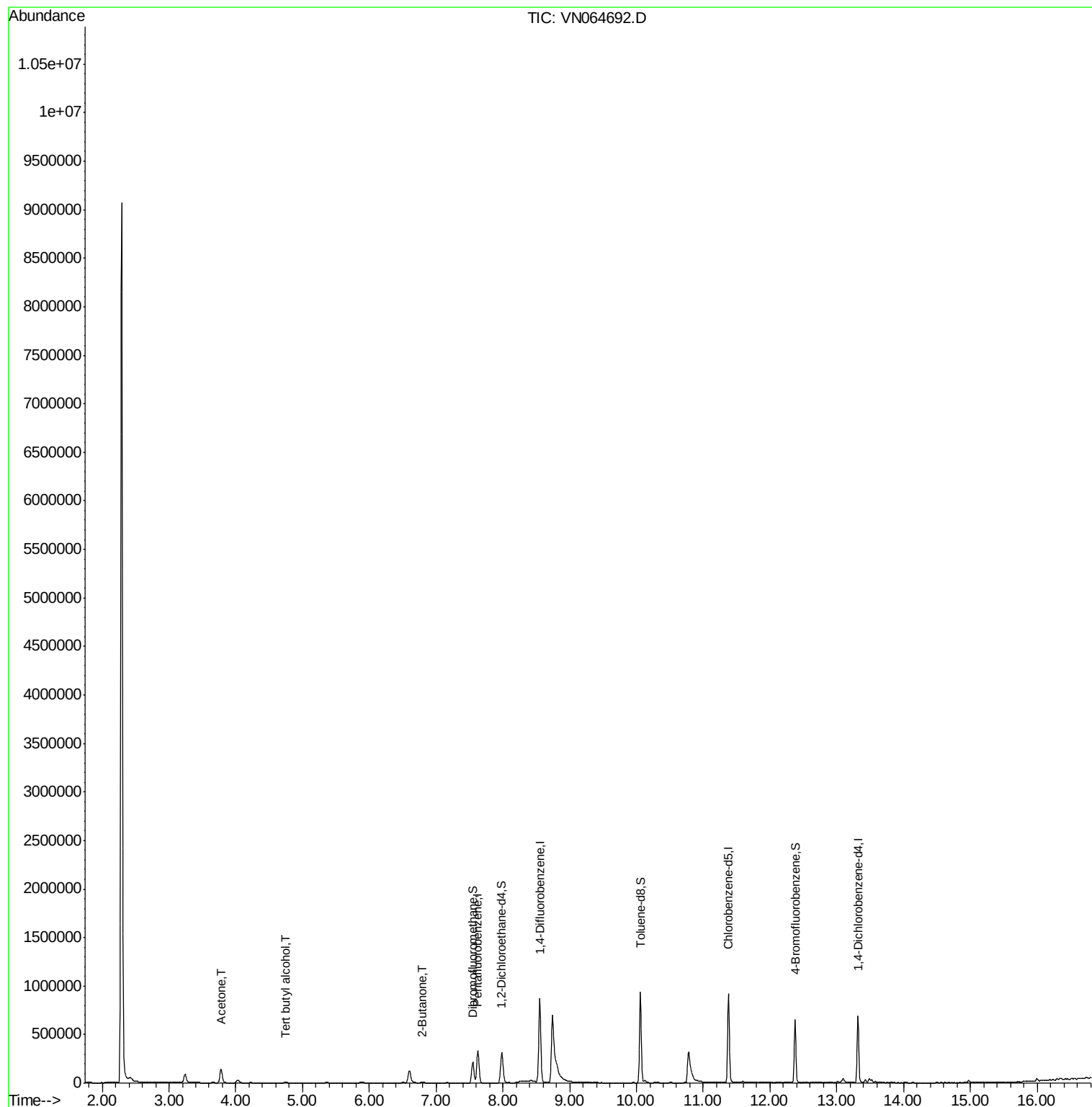
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	490372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211165	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	7.55	113	159463	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.06	98	619166	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.38	95	214734	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
11) Tert butyl alcohol	4.75	59	10842	23.536	ug/l #	74
16) Acetone	3.78	43	245647	154.379	ug/l	97
25) 2-Butanone	6.80	43	14995	7.396	ug/l	94

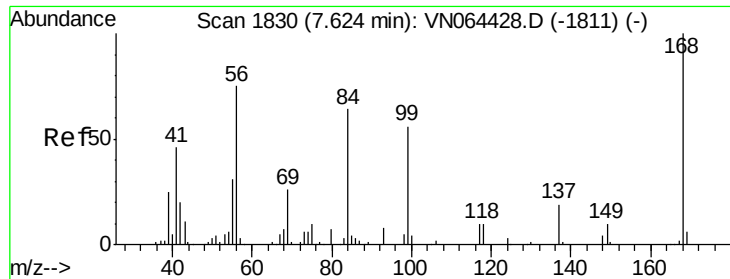
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064692.D

Acq: 17 Nov 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

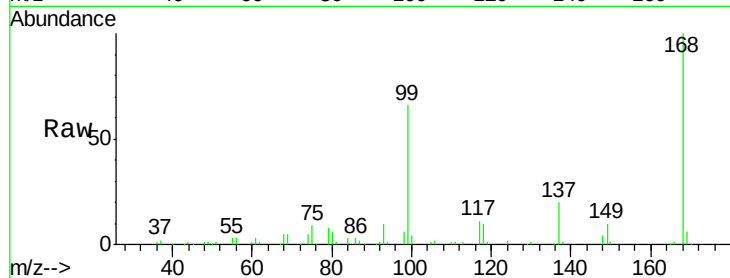
NWB-1555

Tot Ion:168 Resp: 239818

Ion Ratio Lower Upper

168 100

99 65.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

40000

20000

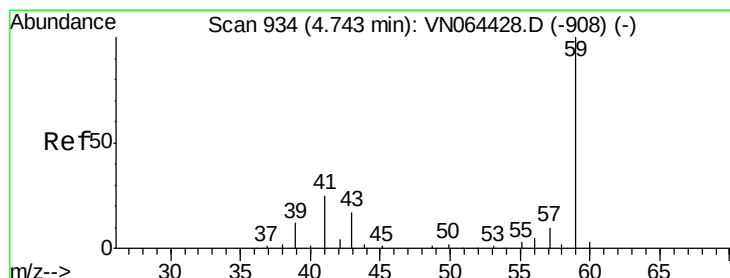
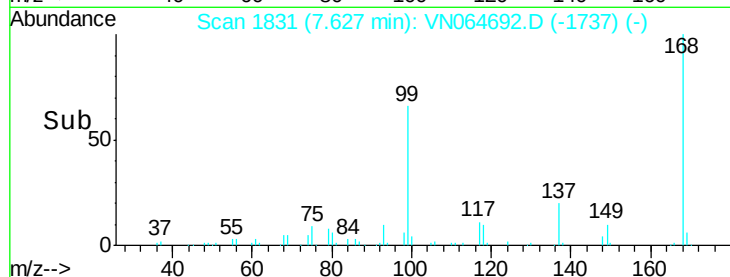
0

7.50

7.60

7.70

Time-->



#11

Tert butyl alcohol

Concen: 23.536 ug/l

RT: 4.75 min Scan# 936

Delta R.T. 0.01 min

Lab File: VN064692.D

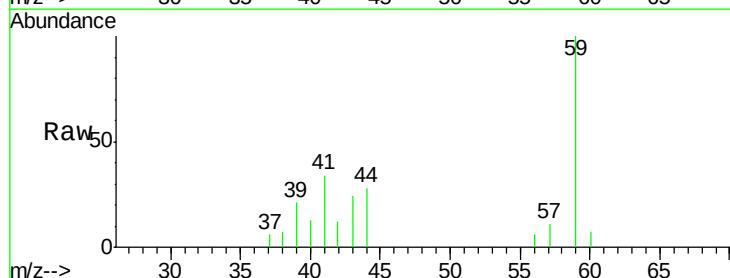
Acq: 17 Nov 2020 19:55

Tgt Ion: 59 Resp: 10842

Ion Ratio Lower Upper

59 100

57 1.1 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

3000

2000

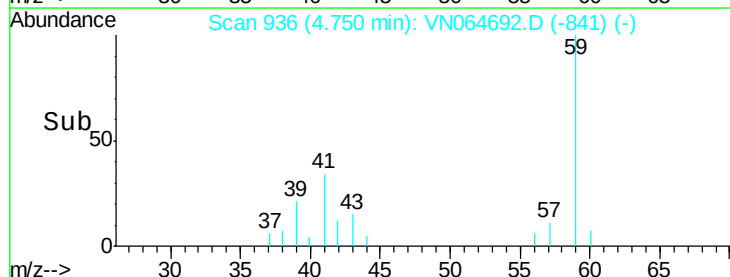
1000

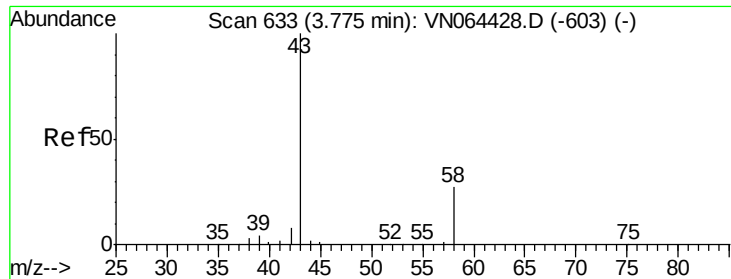
0

4.70

4.80

Time-->





#16

Acetone

Concen: 154.379 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064692.D

Acq: 17 Nov 2020 19:55

Instrument :

MSVOA_N

ClientSampled :

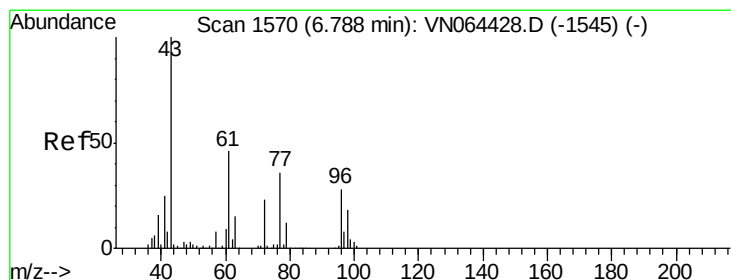
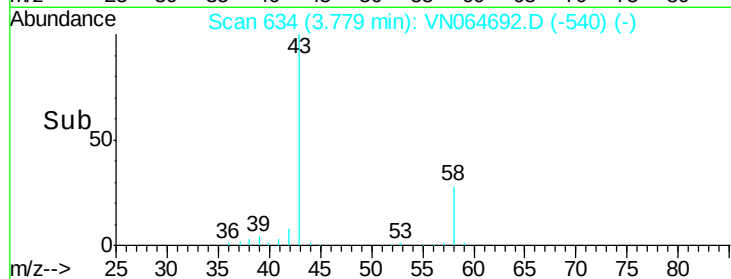
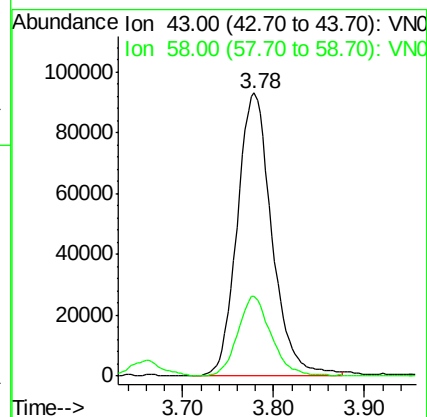
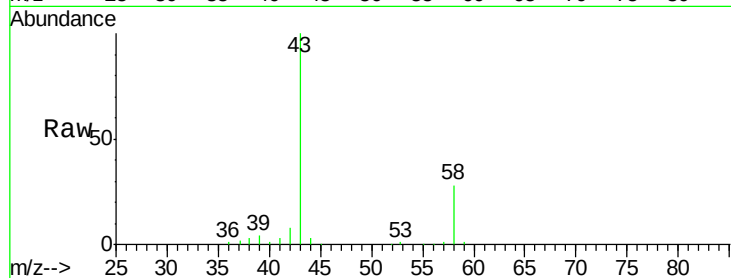
NWB-1555

Tot Ion: 43 Resp: 245647

Ion Ratio Lower Upper

43 100

58 28.0 21.4 32.0



#25

2-Butanone

Concen: 7.396 ug/l

RT: 6.80 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN064692.D

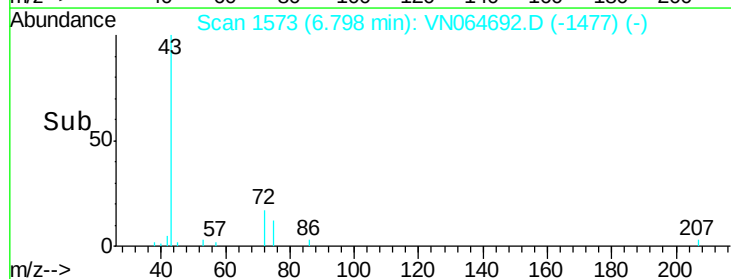
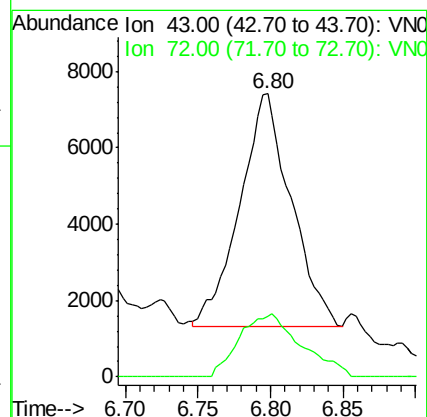
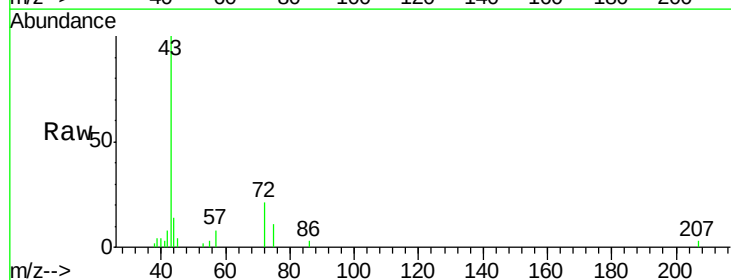
Acq: 17 Nov 2020 19:55

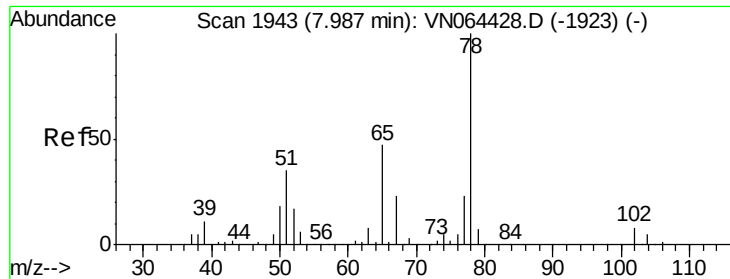
Tgt Ion: 43 Resp: 14995

Ion Ratio Lower Upper

43 100

72 26.1 18.5 27.7

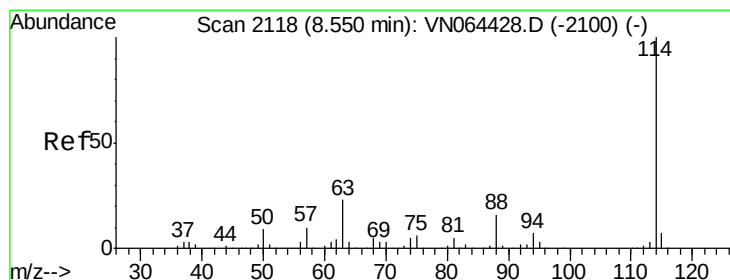
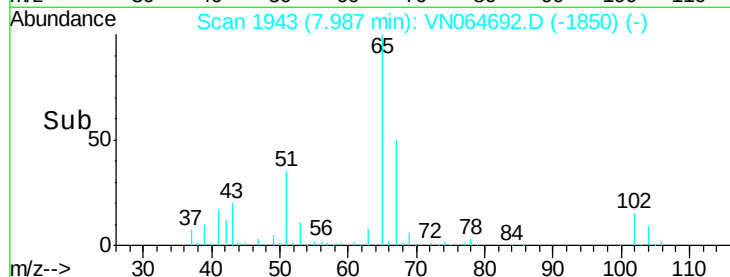
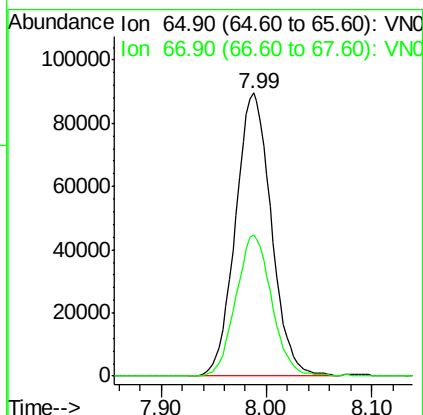
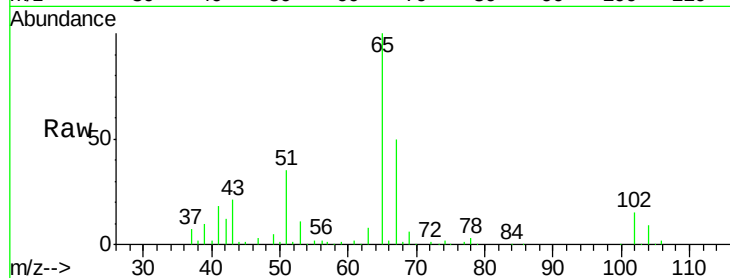




#33
 1,2-Dichloroethane-d4
 Concen: 50.551 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064692.D
 Acq: 17 Nov 2020 19:55

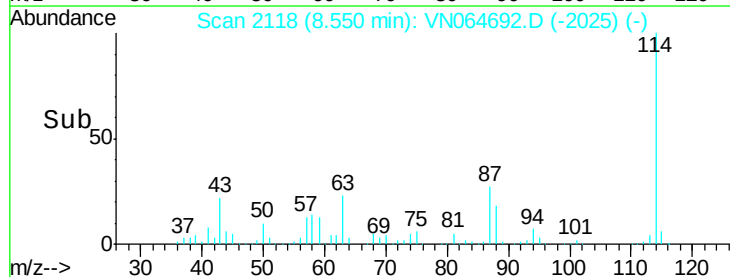
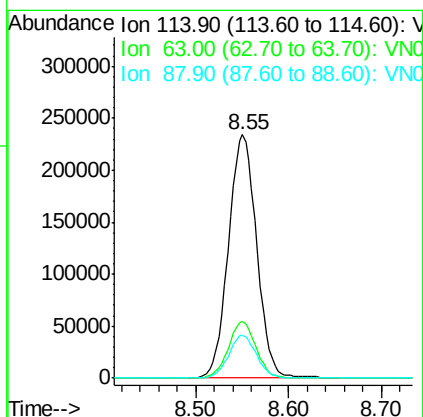
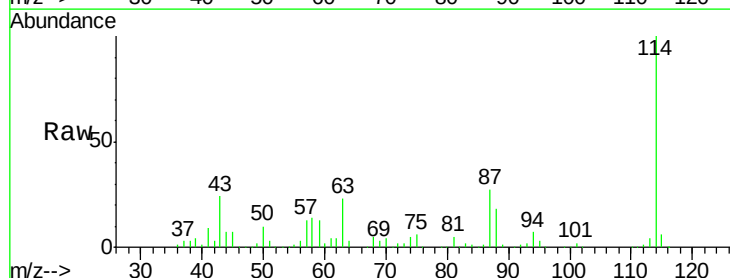
Instrument :
 MSVOA_N
 ClientSampled :
 NWB-1555

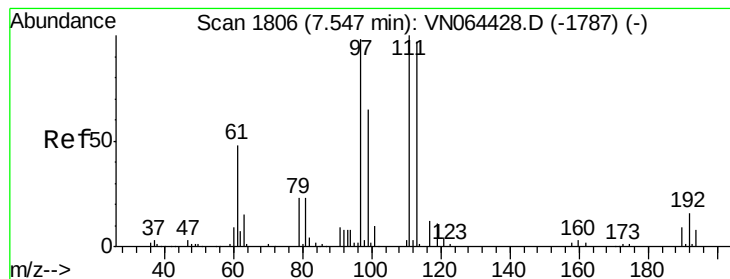
Tot Ion: 65 Resp: 211165
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064692.D
 Acq: 17 Nov 2020 19:55

Tgt Ion: 114 Resp: 493903
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 17.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.420 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064692.D

Acq: 17 Nov 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

NWB-1555

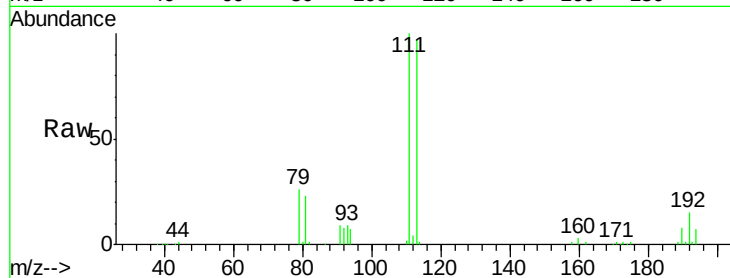
Tot Ion:113 Resp: 159463

Ion Ratio Lower Upper

113 100

111 105.0 81.1 121.7

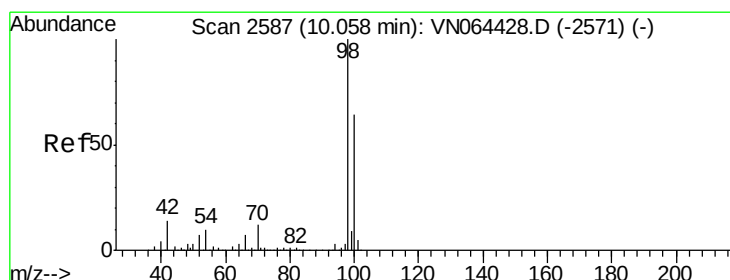
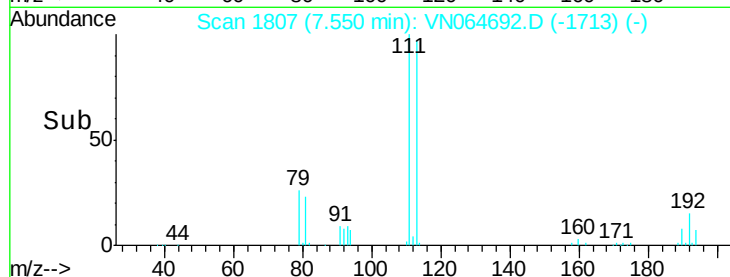
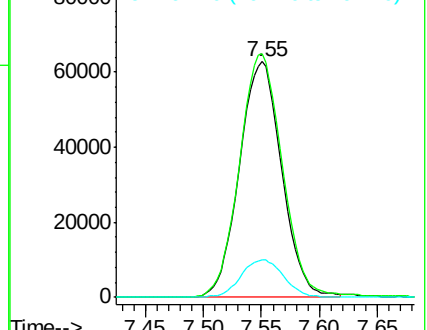
192 16.1 12.8 19.2



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: 47.638 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064692.D

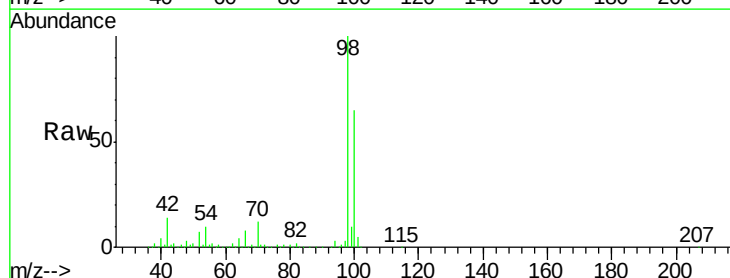
Acq: 17 Nov 2020 19:55

Tgt Ion: 98 Resp: 619166

Ion Ratio Lower Upper

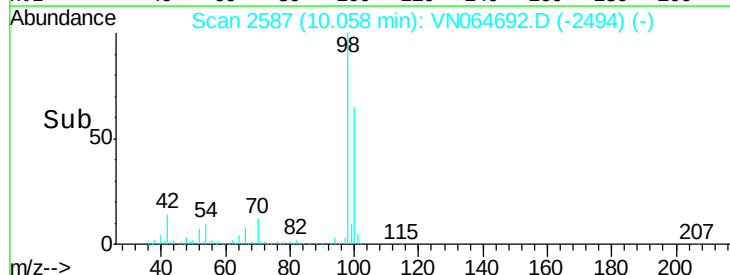
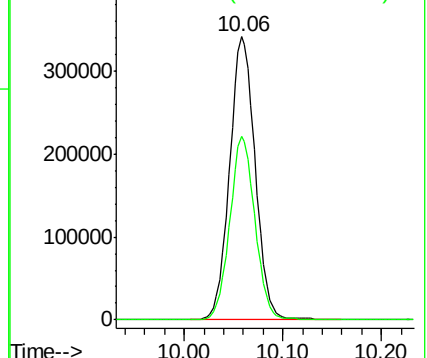
98 100

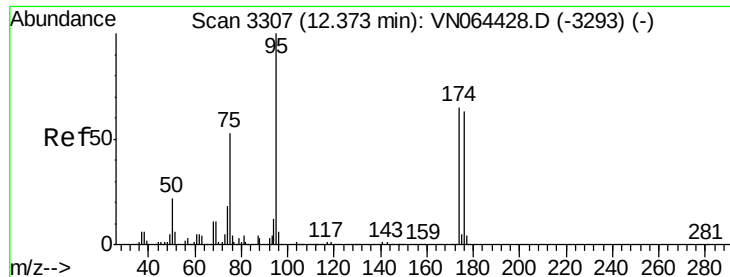
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.686 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064692.D

Acq: 17 Nov 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

NWB-1555

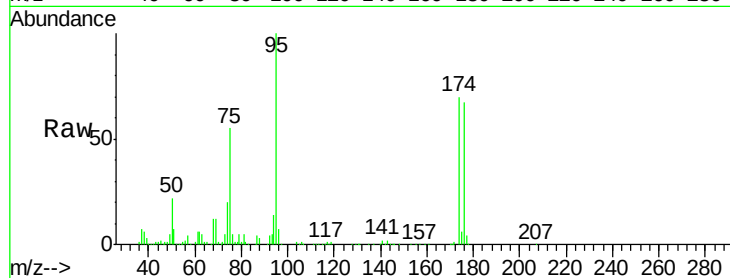
Tot Ion: 95 Resp: 214734

Ion Ratio Lower Upper

95 100

174 71.3 0.0 132.6

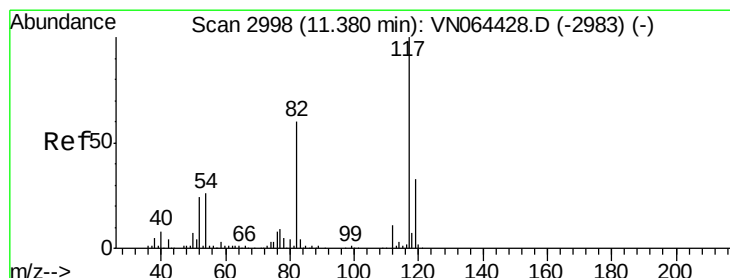
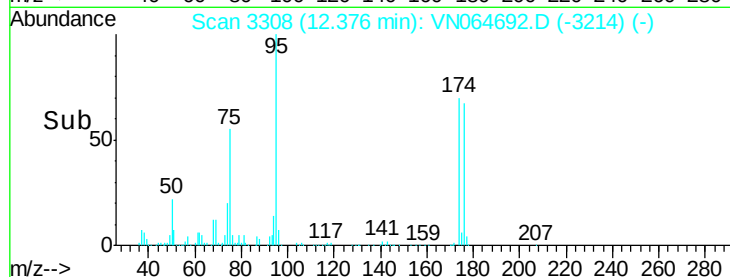
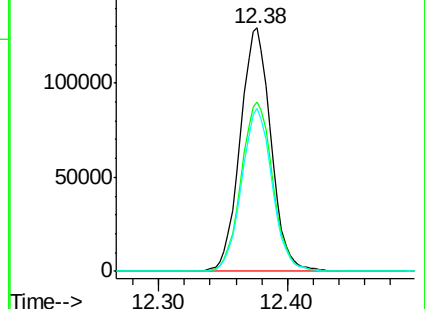
176 66.7 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064692.D

Acq: 17 Nov 2020 19:55

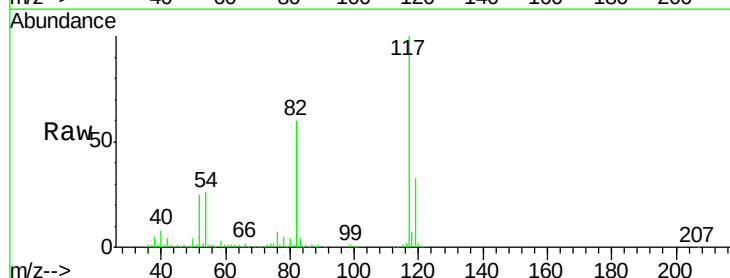
Tgt Ion: 117 Resp: 490372

Ion Ratio Lower Upper

117 100

82 60.2 48.1 72.1

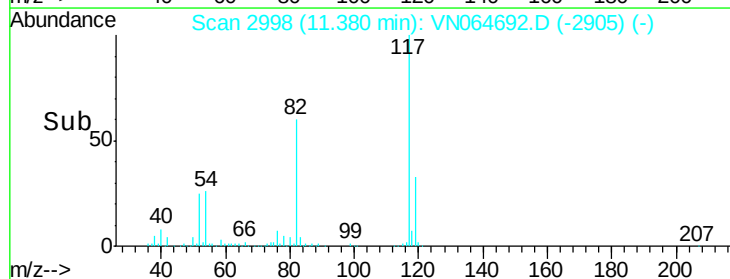
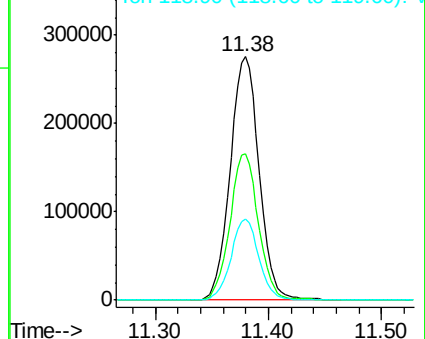
119 33.1 26.2 39.4

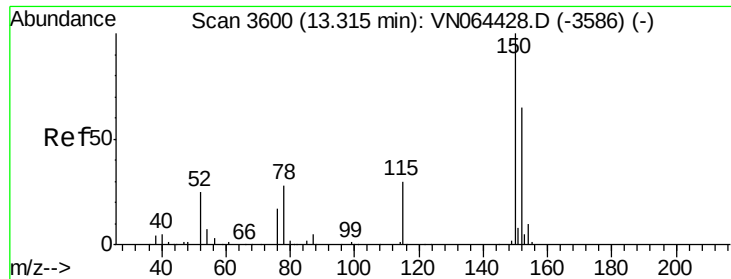


Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064692.D

Acq: 17 Nov 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

NWB-1555

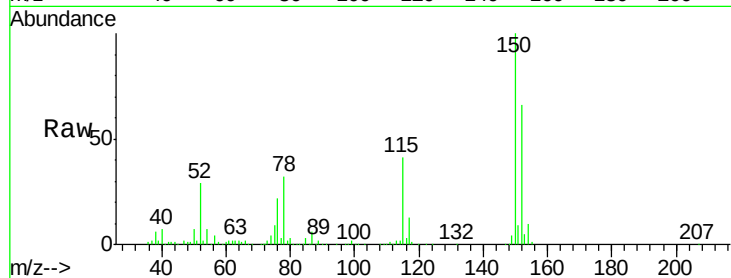
Tot Ion:152 Resp: 172121

Ion Ratio Lower Upper

152 100

115 63.3 32.0 96.0

150 154.2 0.0 353.8



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

