

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052108.D
 Acq On : 1 Nov 2018 17:36
 Operator : MD\SY
 Sample : J5192-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

Quant Time: Nov 02 07:41:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

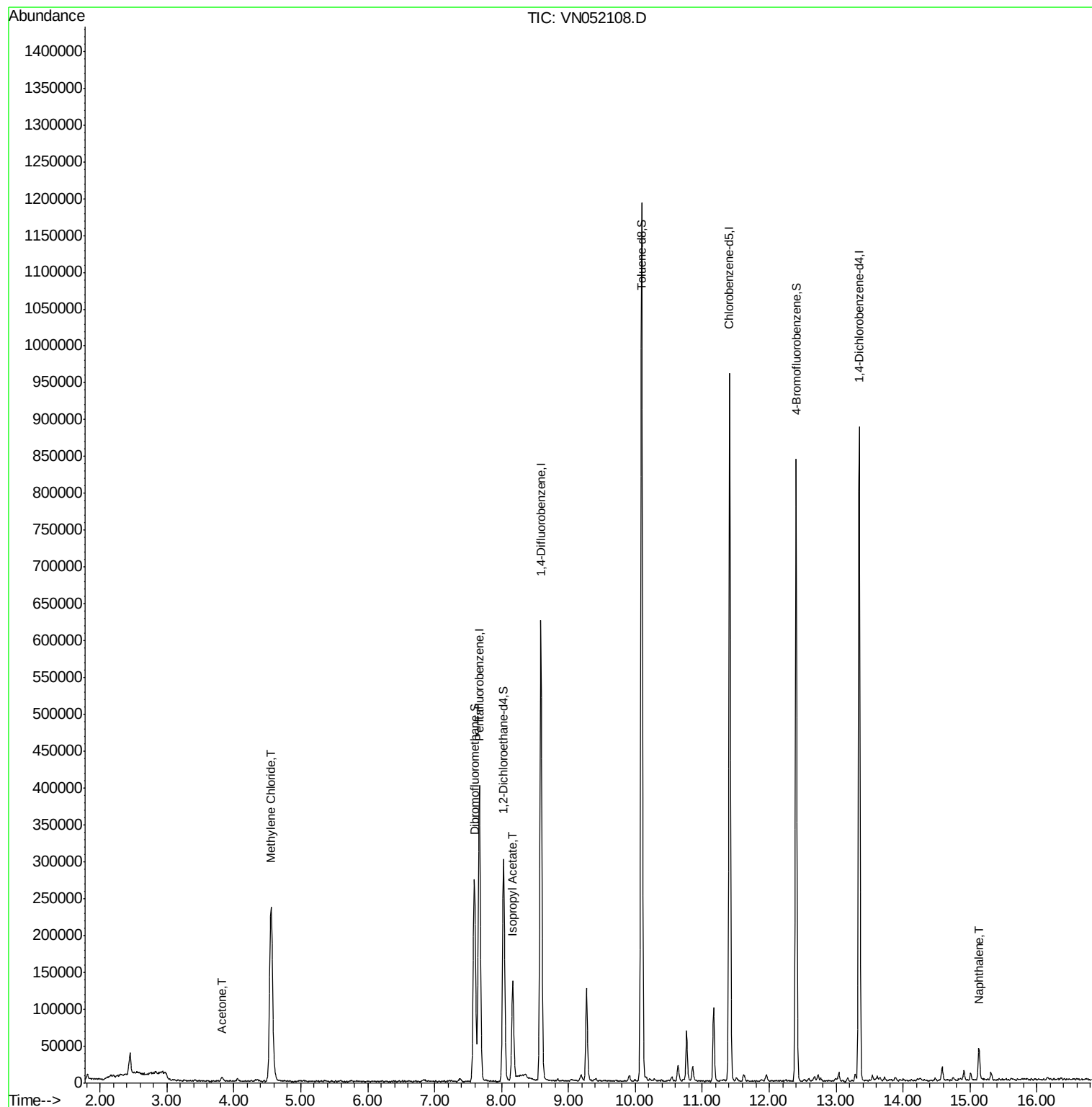
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	303002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	550949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	246918	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.59	113	207225	60.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.24%	
50) Toluene-d8	10.09	98	831383	60.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.70%	
62) 4-Bromofluorobenzene	12.40	95	288994	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
Target Compounds						
16) Acetone	3.82	43	7416	7.145	ug/l	92
20) Methylene Chloride	4.56	84	180692	45.690	ug/l	94
43) Isopropyl Acetate	8.17	43	164379	24.648	ug/l	99
95) Naphthalene	15.13	128	35210	5.703	ug/l	98

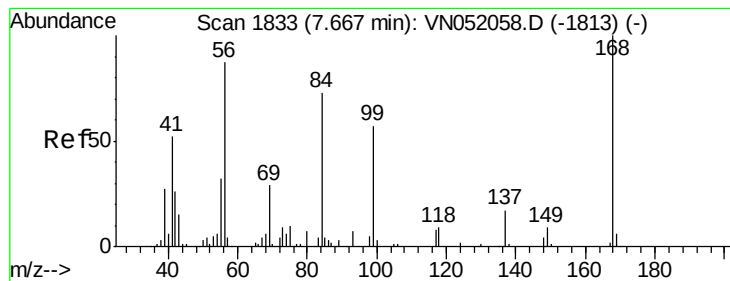
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

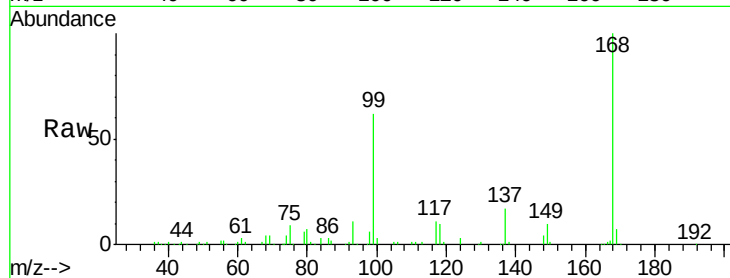
AU-05-103118-B

Tgt Ion:168 Resp: 303002

Ion Ratio Lower Upper

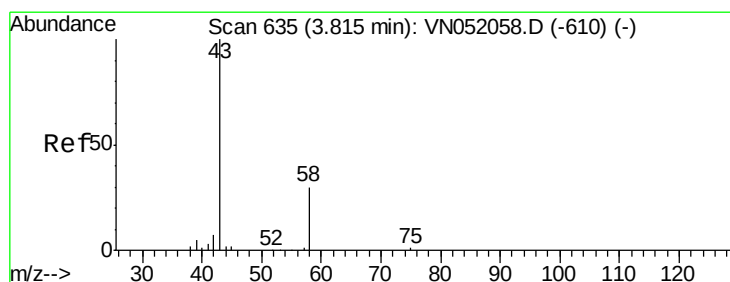
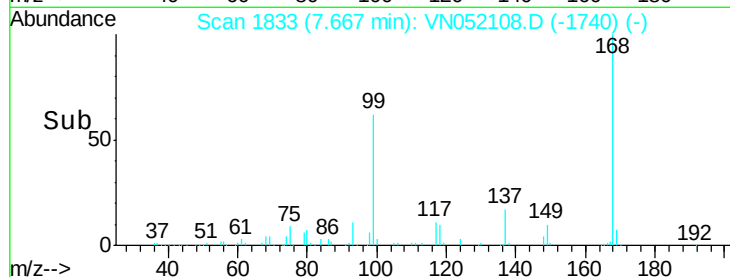
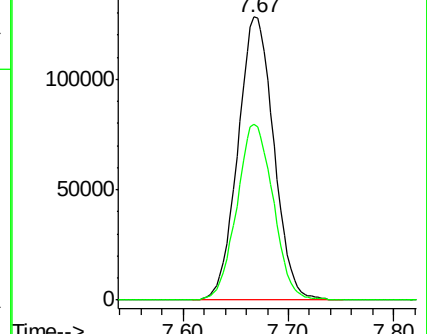
168 100

99 62.0 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052108.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052108.D (-1740) (-)



#16

Acetone

Concen: 7.145 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052108.D

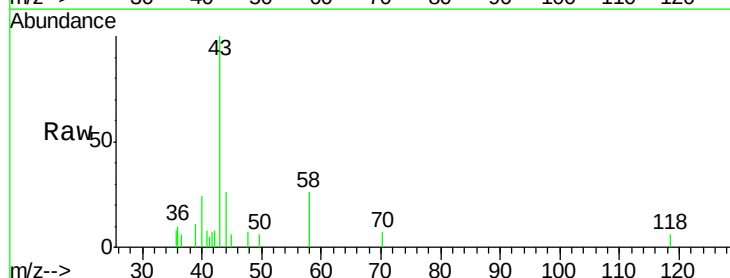
Acq: 1 Nov 2018 17:36

Tgt Ion: 43 Resp: 7416

Ion Ratio Lower Upper

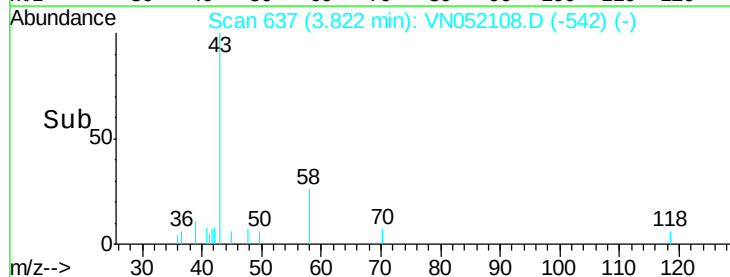
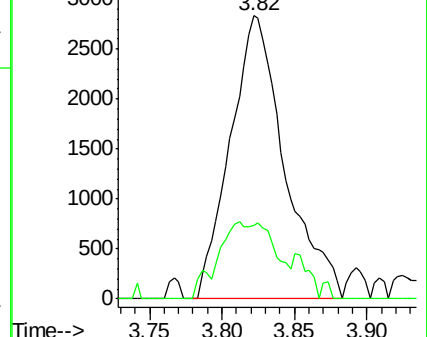
43 100

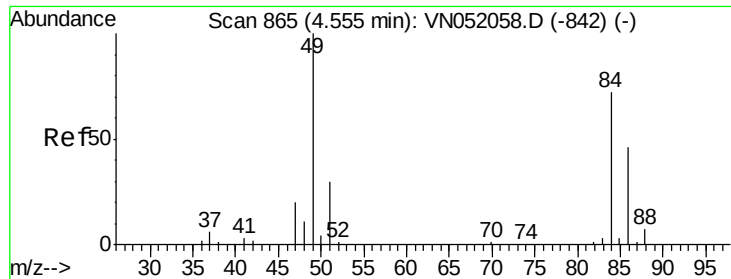
58 26.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN052108.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052108.D (-542) (-)

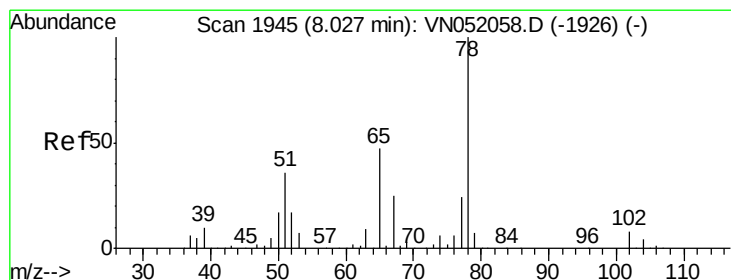
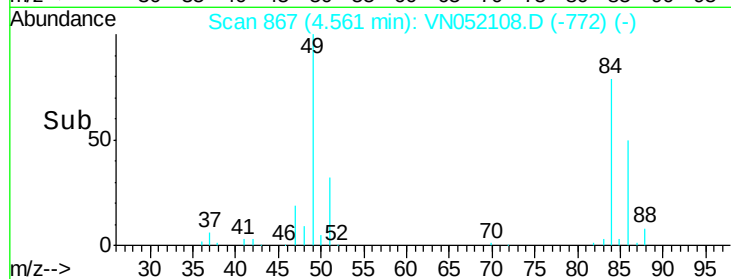
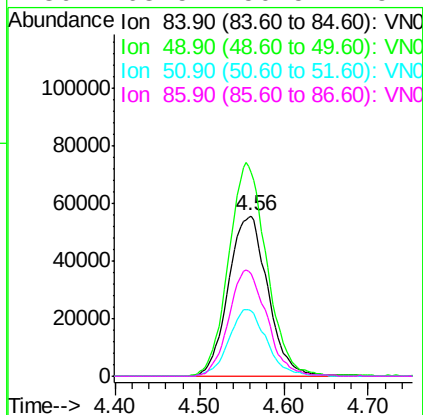
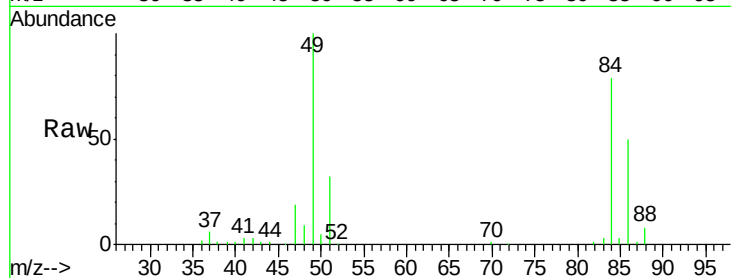




#20
Methylene Chloride
Concen: 45.690 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

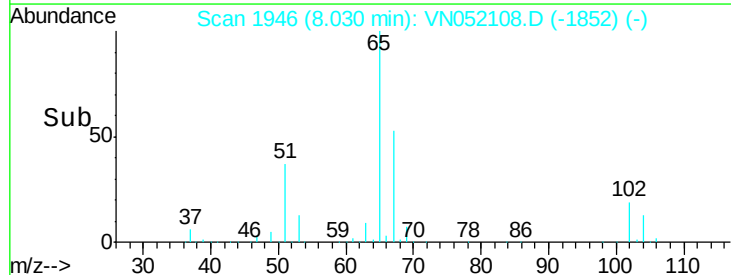
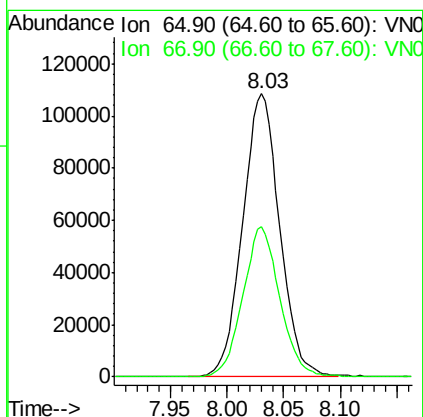
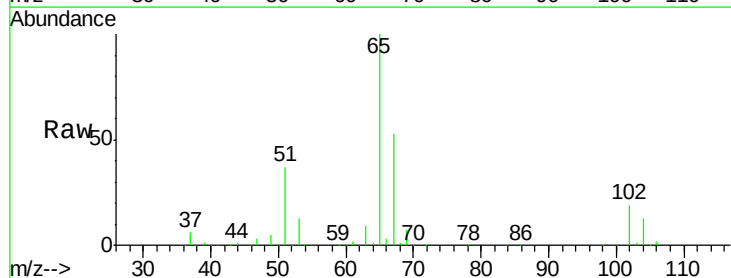
Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

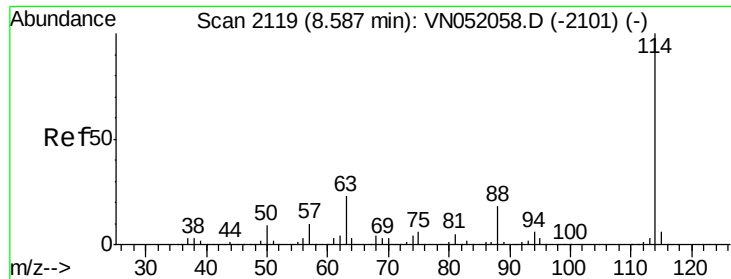
Tgt Ion: 84 Resp: 180692
Ion Ratio Lower Upper
84 100
49 126.3 110.6 165.8
51 40.6 33.7 50.5
86 63.5 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 65 Resp: 246918
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2

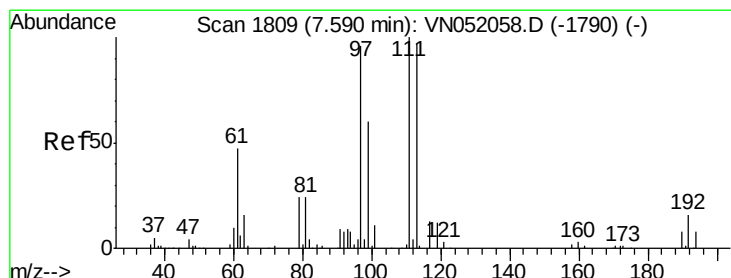
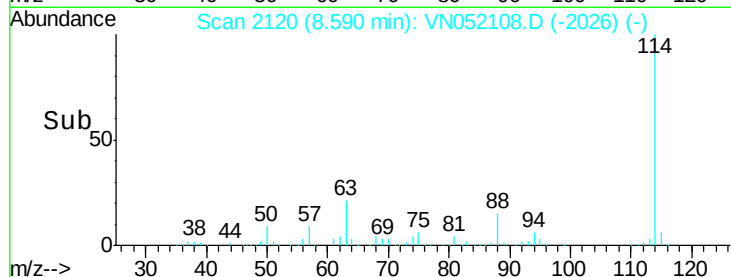
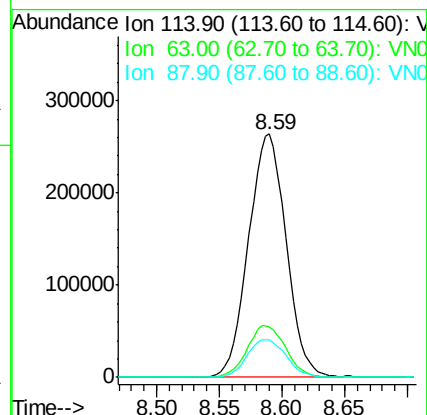
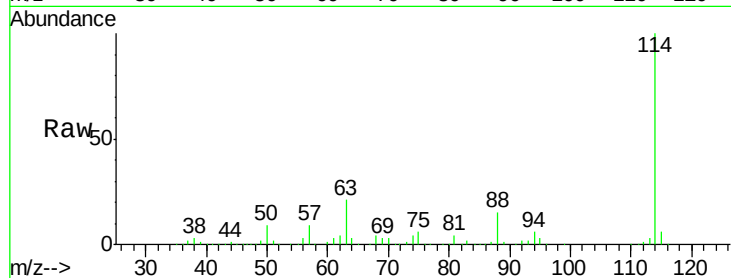




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

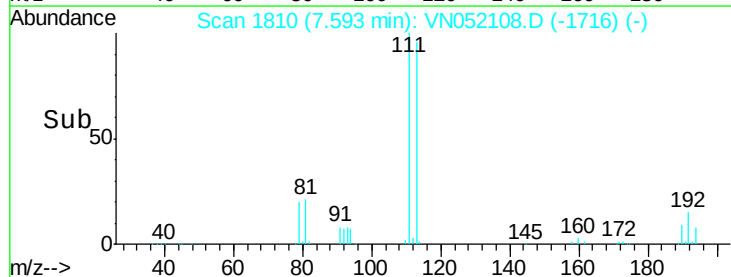
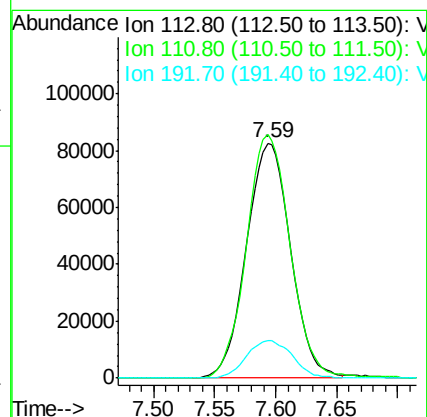
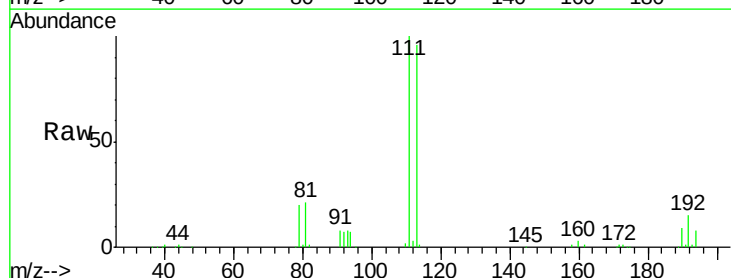
Instrument :
 MSVOA_N
 ClientSampled :
 AU-05-103118-B

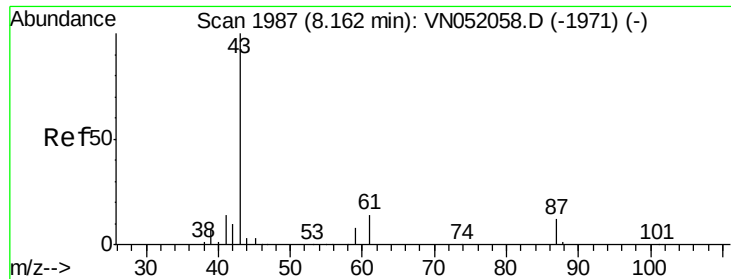
Tgt Ion:114 Resp: 550949
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 46.0
 88 15.3 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion:113 Resp: 207225
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 16.6 12.7 19.1





#43

Isopropyl Acetate

Concen: 24.648 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

AU-05-103118-B

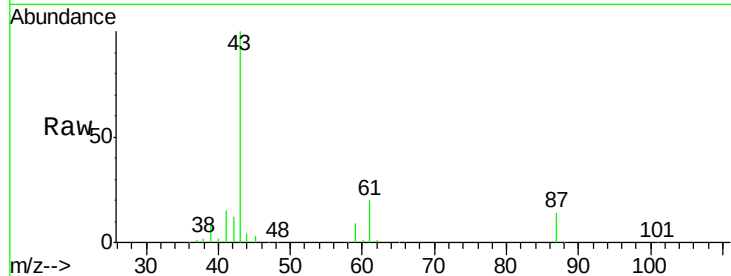
Tgt Ion: 43 Resp: 164379

Ion Ratio Lower Upper

43 100

61 18.4 15.4 23.0

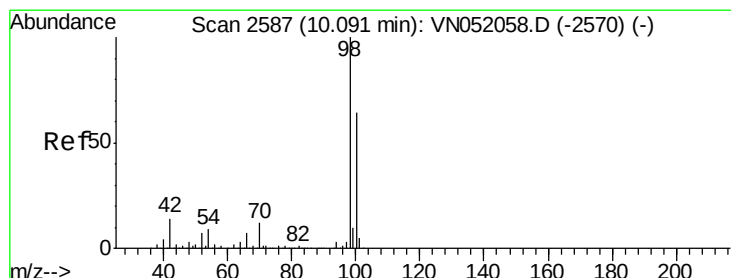
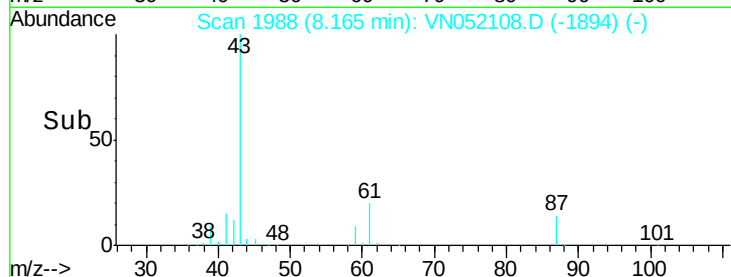
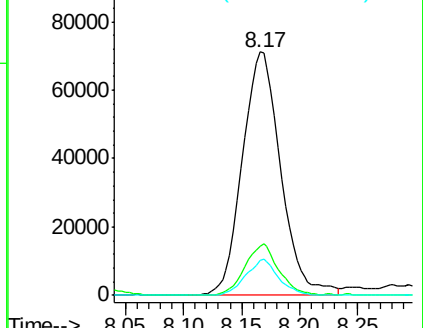
87 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052108.D

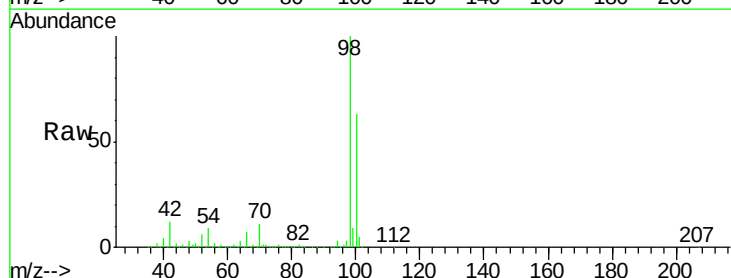
Acq: 1 Nov 2018 17:36

Tgt Ion: 98 Resp: 831383

Ion Ratio Lower Upper

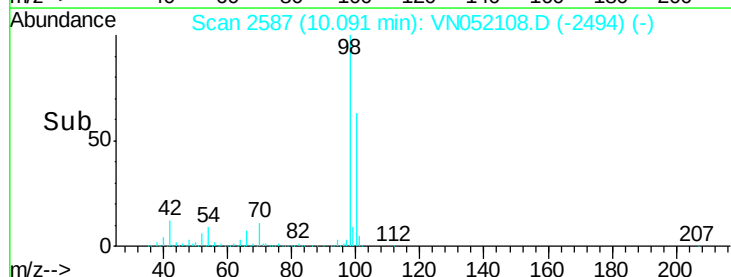
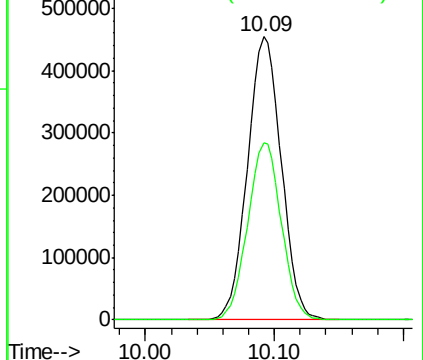
98 100

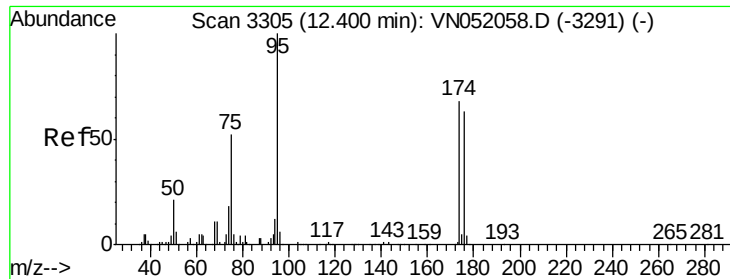
100 62.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampled :

AU-05-103118-B

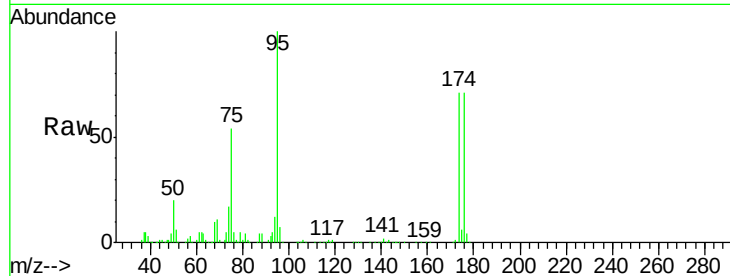
Tgt Ion: 95 Resp: 288994

Ion Ratio Lower Upper

95 100

174 71.1 0.0 131.8

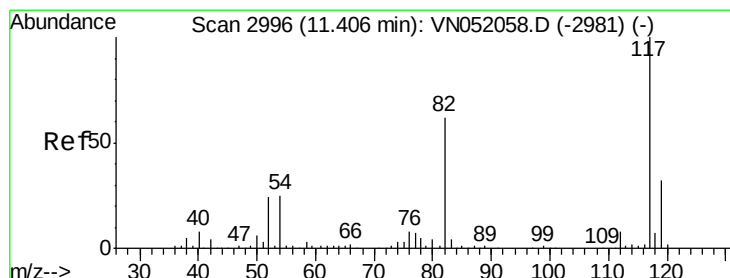
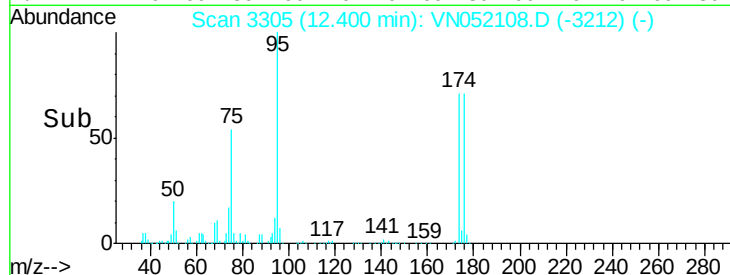
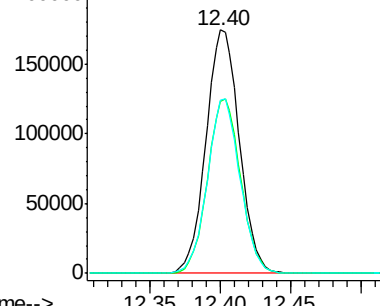
176 70.3 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052108.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052108.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052108.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

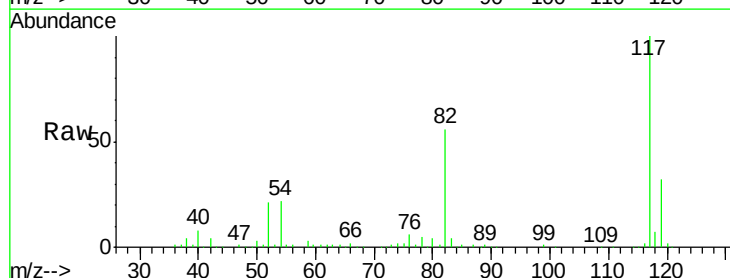
Tgt Ion: 117 Resp: 534592

Ion Ratio Lower Upper

117 100

82 56.1 49.9 74.9

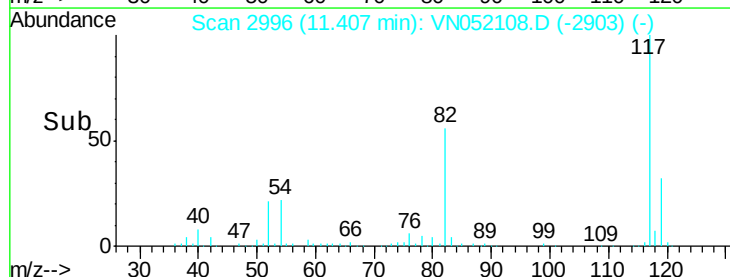
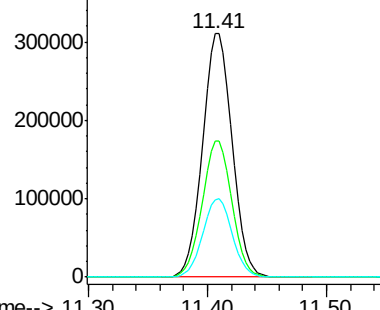
119 31.9 25.7 38.5

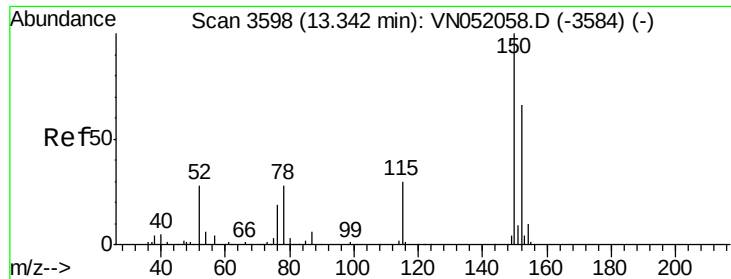


Abundance Ion 116.90 (116.60 to 117.60): VN052108.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052108.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052108.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

AU-05-103118-B

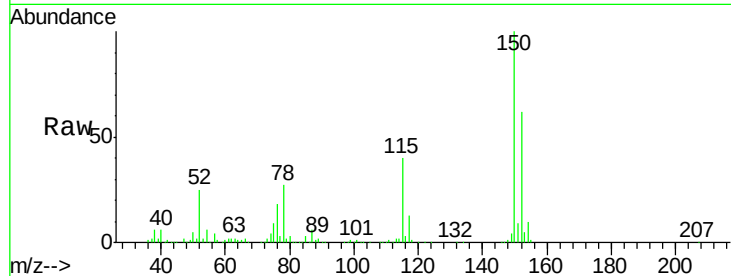
Tgt Ion:152 Resp: 215486

Ion Ratio Lower Upper

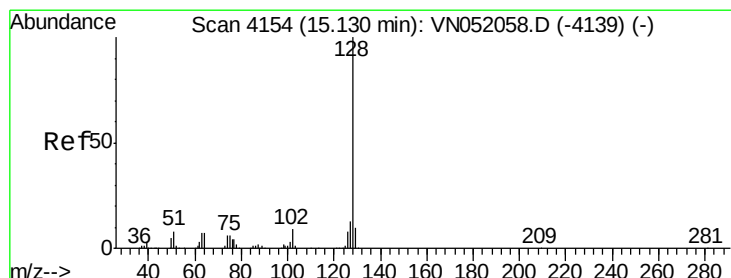
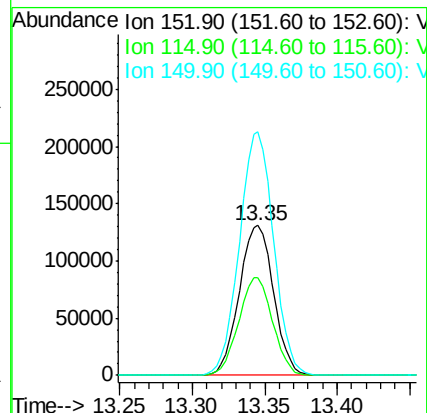
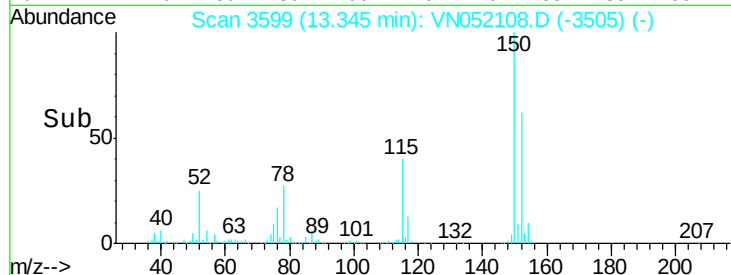
152 100

115 64.2 31.6 95.0

150 161.7 0.0 345.0



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



#95

Naphthalene

Concen: 5.703 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

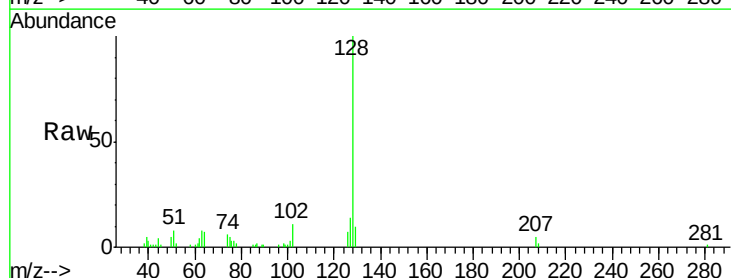
Tgt Ion:128 Resp: 35210

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

