

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063988.D
 Acq On : 8 Oct 2020 14:07
 Operator : JC/MD
 Sample : L4255-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQB-20201001

Quant Time: Oct 09 06:17:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

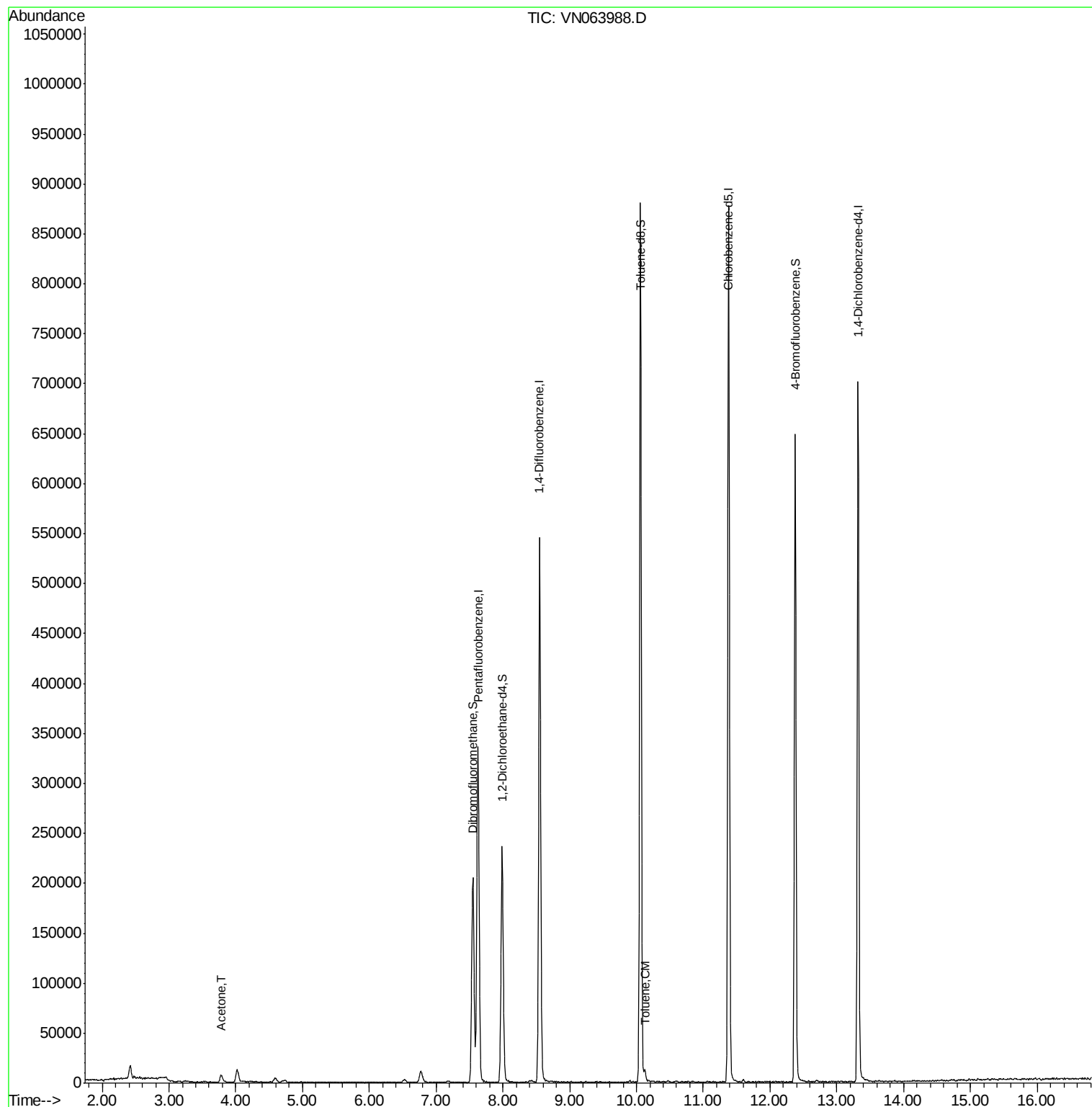
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	212124	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	156312	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.06	98	588380	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.38	95	221121	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
16) Acetone	3.78	43	11508	8.906	ug/l	99
52) Toluene	10.13	92	3341	0.413	ug/l	92

(#) = 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: VN063988.D

Acq: 8 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

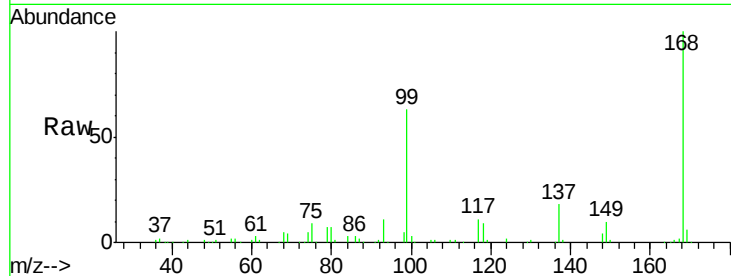
EQB-20201001

Tot Ion:168 Resp: 254075

Ion Ratio Lower Upper

168 100

99 63.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

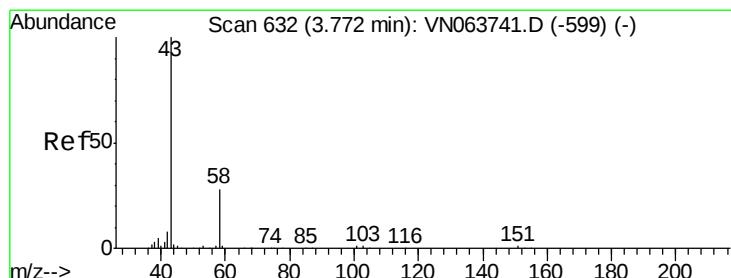
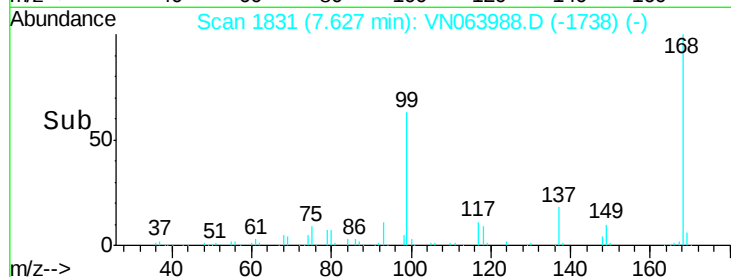
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.906 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063988.D

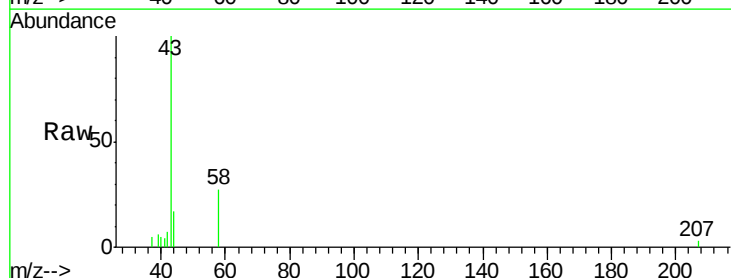
Acq: 8 Oct 2020 14:07

Tgt Ion: 43 Resp: 11508

Ion Ratio Lower Upper

43 100

58 28.5 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

5000

4000

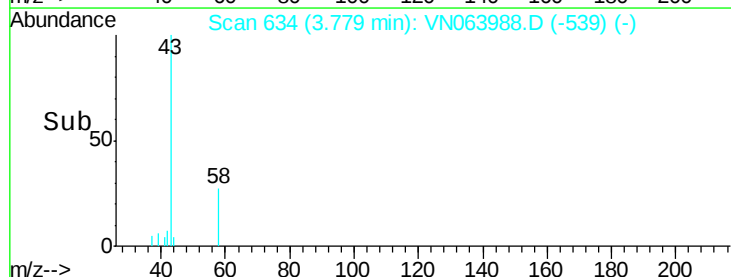
3000

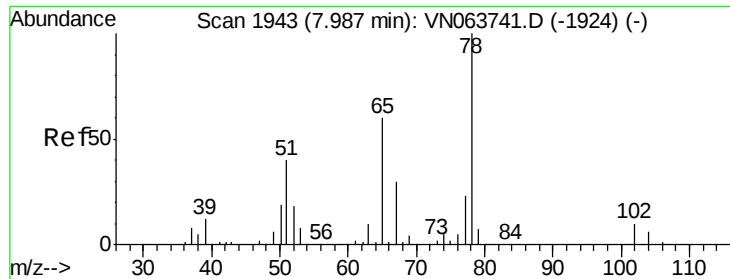
2000

1000

0

Time-->

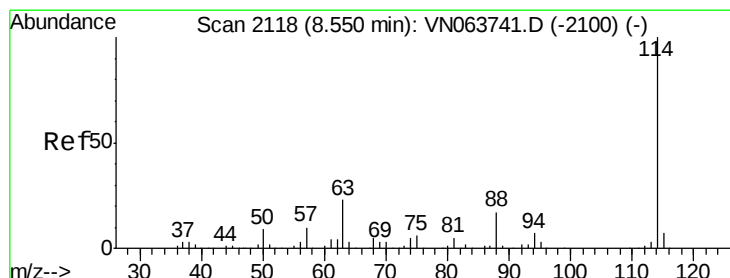
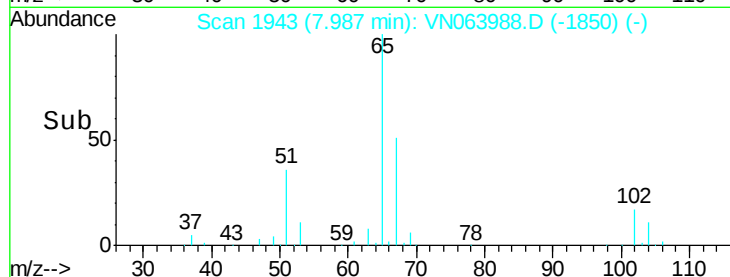
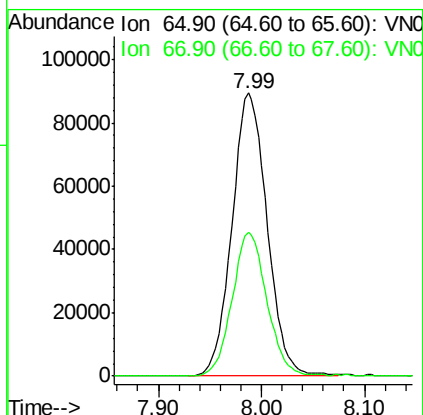
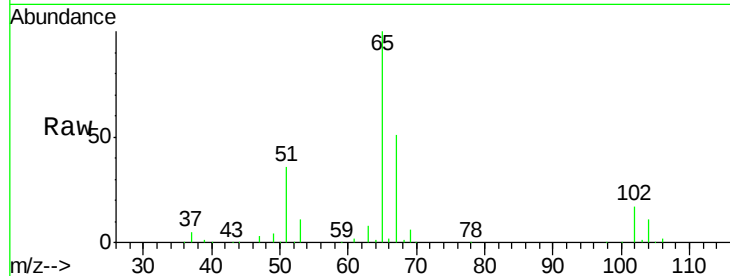




#33
 1,2-Dichloroethane-d4
 Concen: 50.536 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063988.D
 Acq: 8 Oct 2020 14:07

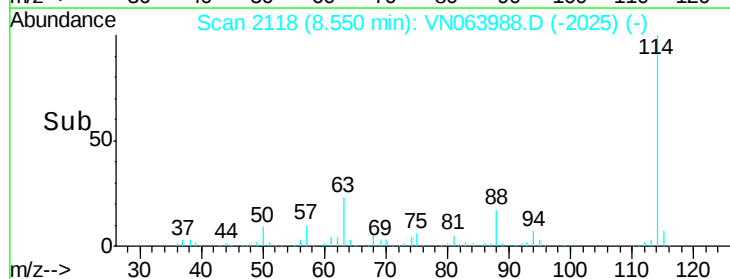
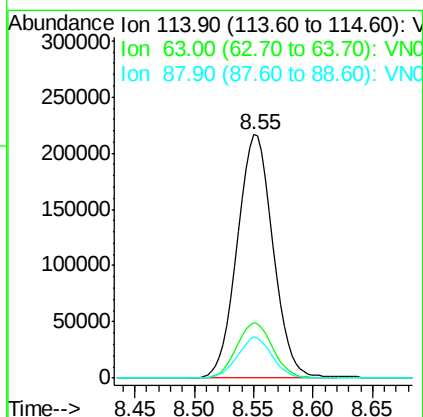
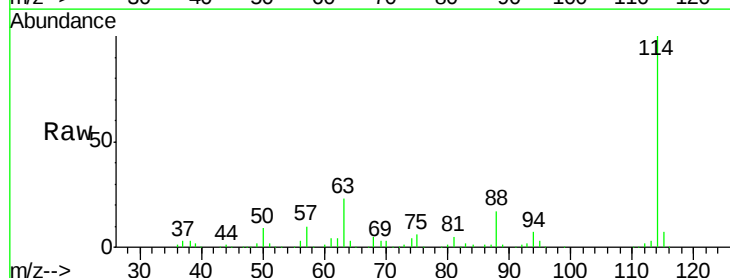
Instrument :
 MSVOA_N
 ClientSampleId :
 EQB-20201001

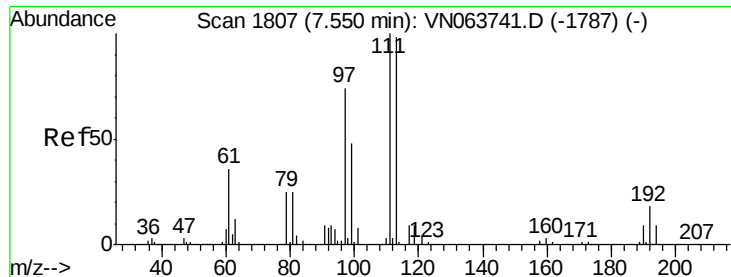
Tot Ion: 65 Resp: 212124
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063988.D
 Acq: 8 Oct 2020 14:07

Tgt Ion: 114 Resp: 452157
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.8 0.0 34.0

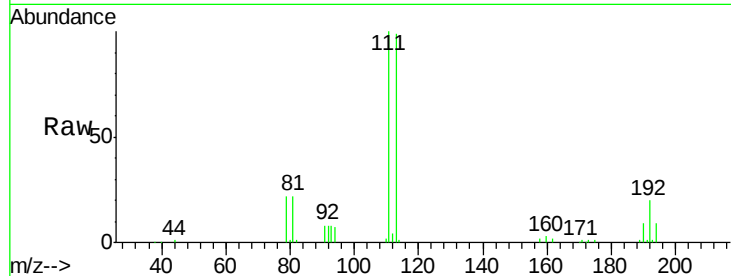




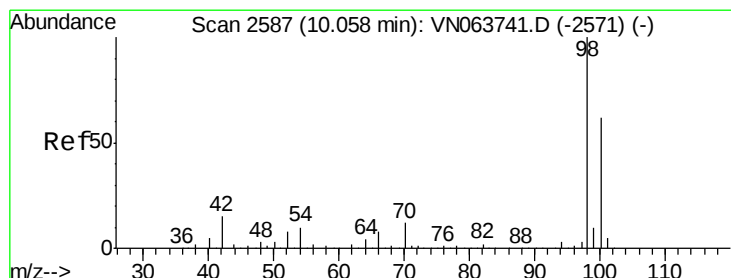
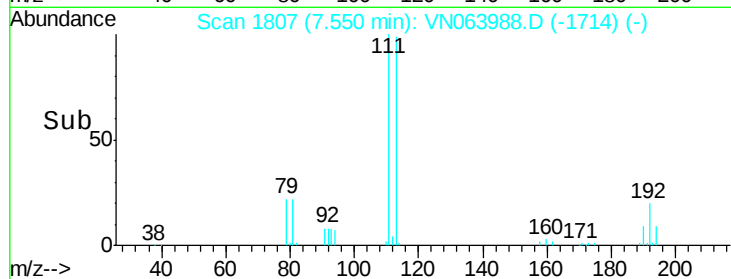
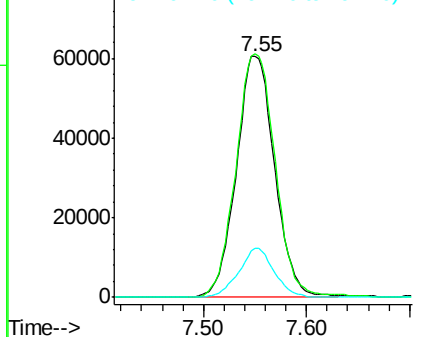
#35
 Dibromofluoromethane
 Concen: 49.822 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063988.D
 Acq: 8 Oct 2020 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 EQB-20201001

Tot Ion:113 Resp: 156312
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 18.9 14.2 21.2

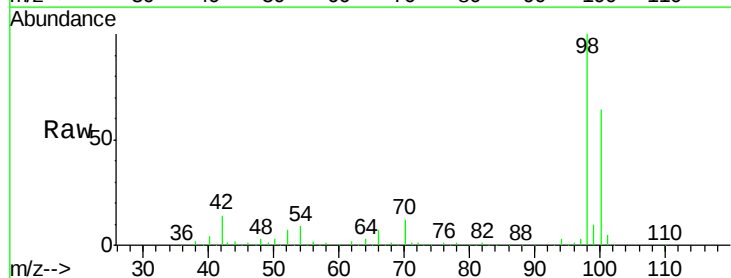


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

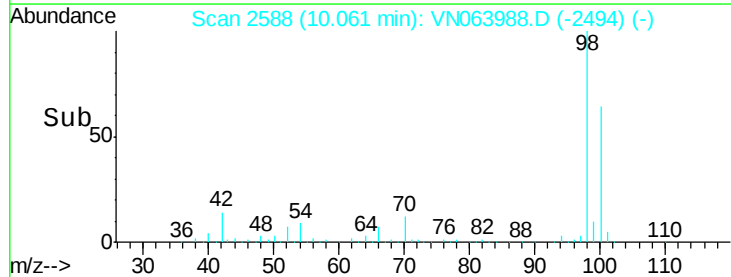
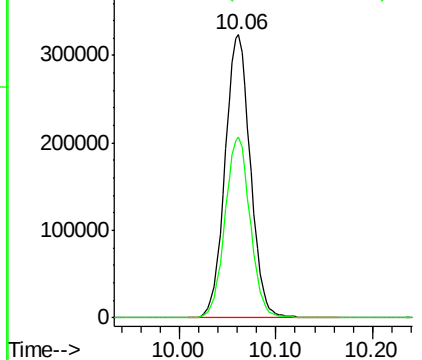


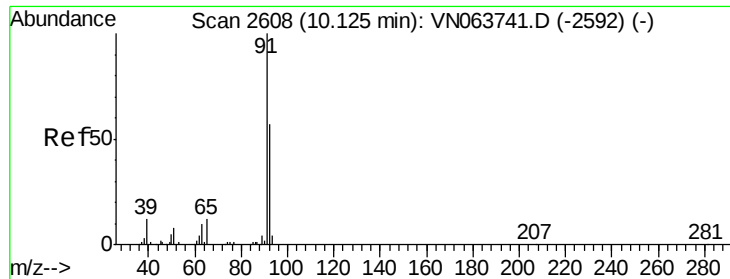
#50
 Toluene-d8
 Concen: 49.470 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063988.D
 Acq: 8 Oct 2020 14:07

Tgt Ion: 98 Resp: 588380
 Ion Ratio Lower Upper
 98 100
 100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.413 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063988.D

Acq: 8 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

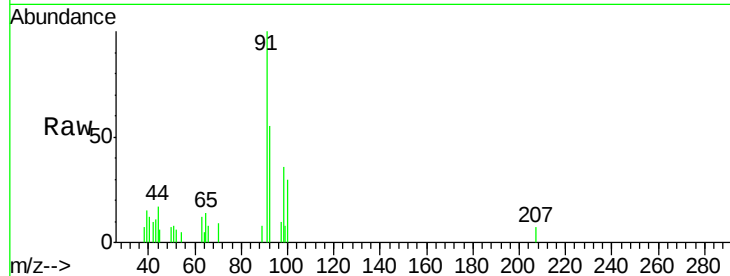
EQB-20201001

Tot Ion: 92 Resp: 3341

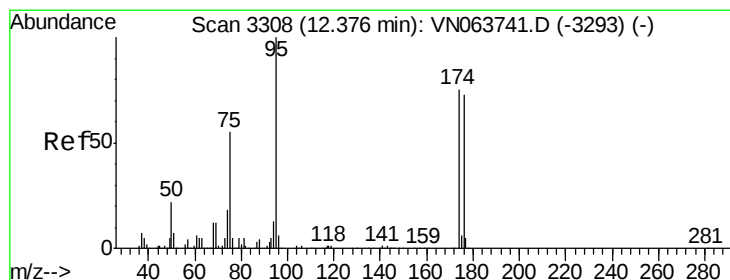
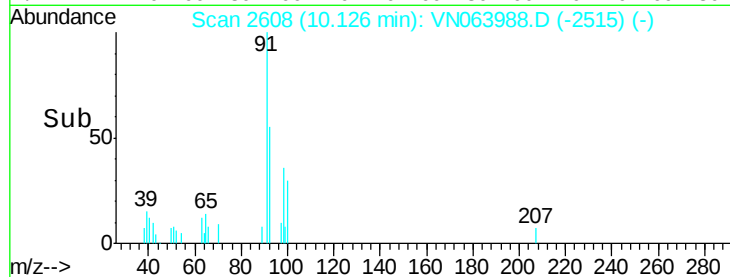
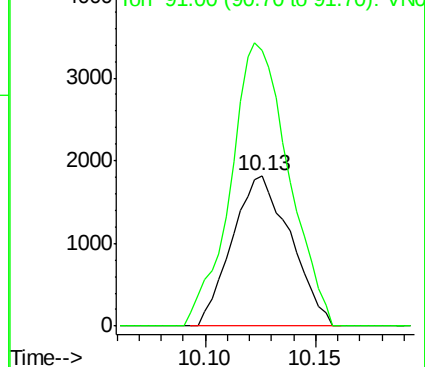
Ion Ratio Lower Upper

92 100

91 187.5 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063988.D (-2515) (-)



#62

4-Bromofluorobenzene

Concen: 49.458 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063988.D

Acq: 8 Oct 2020 14:07

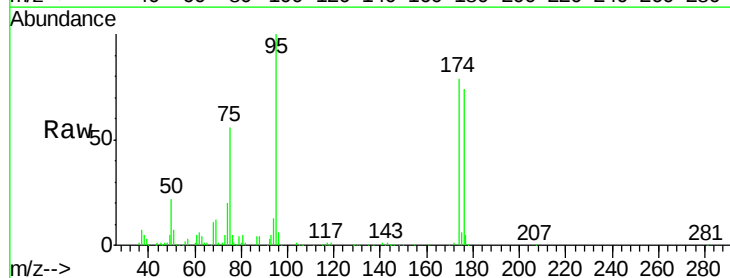
Tgt Ion: 95 Resp: 221121

Ion Ratio Lower Upper

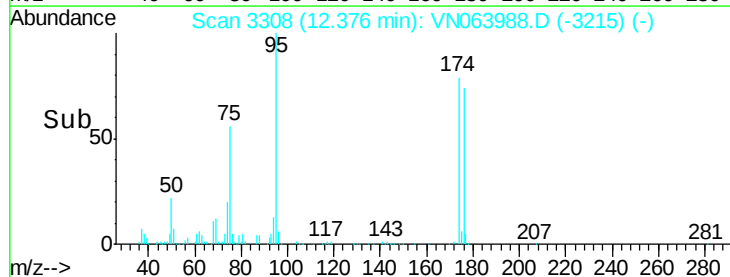
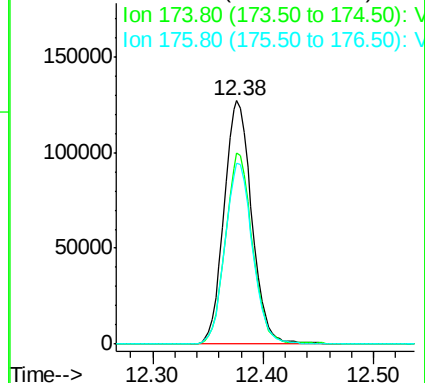
95 100

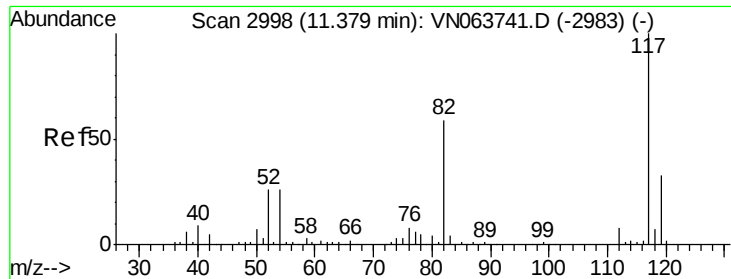
174 76.3 0.0 150.6

176 74.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063988.D (-3215) (-)

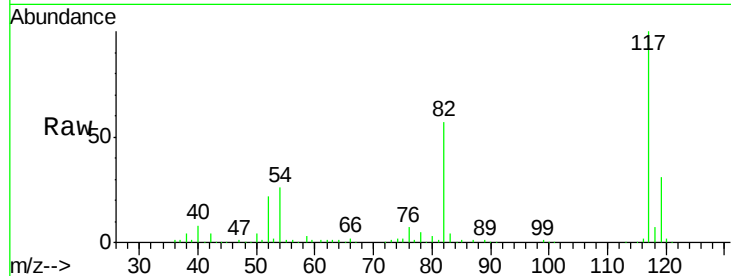




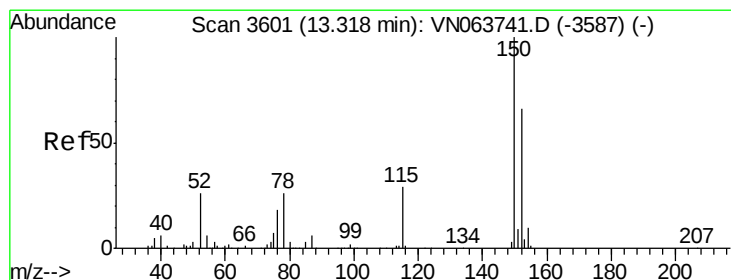
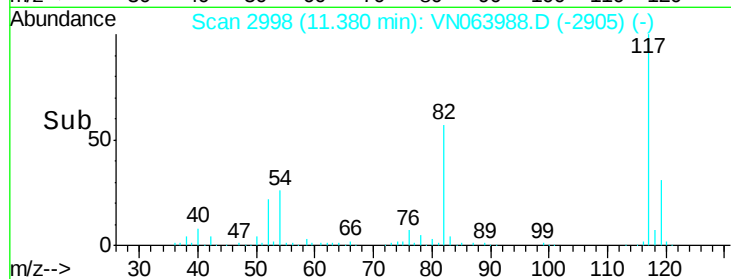
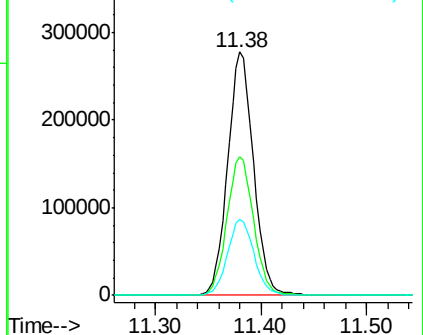
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063988.D
Acq: 8 Oct 2020 14:07

Instrument :
MSVOA_N
ClientSampleId :
EQB-20201001

Tot Ion:117 Resp: 469929
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.0 26.4 39.6

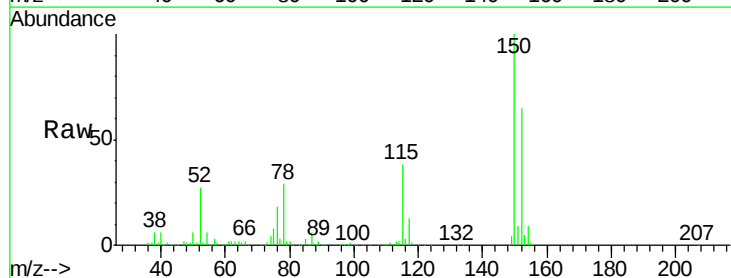


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063988.D
Acq: 8 Oct 2020 14:07

Tgt Ion:152 Resp: 181107
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 157.0 0.0 341.8



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

