

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063770.D
 Acq On : 1 Oct 2020 14:34
 Operator : JC/MD
 Sample : L4168-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 02 02:49:33 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	224858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171298	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	187484	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
35) Dibromofluoromethane	7.55	113	135577	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	10.06	98	516369	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.38	95	204452	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	

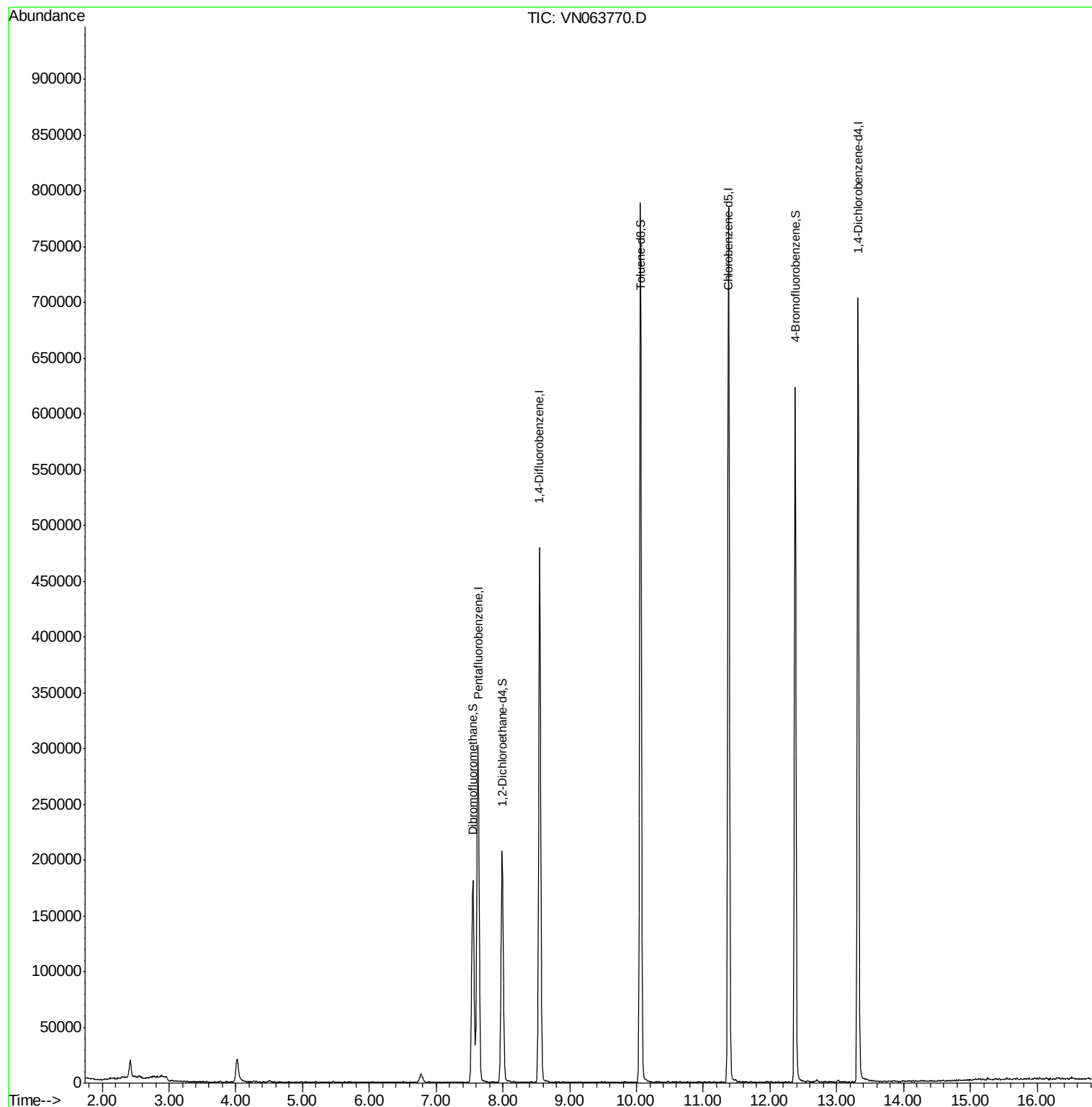
Target Compounds	Qvalue
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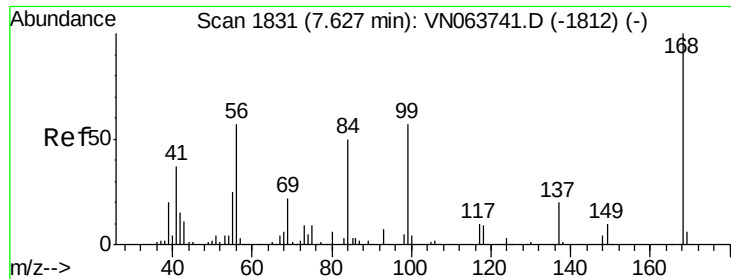
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063770.D

Acq: 1 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

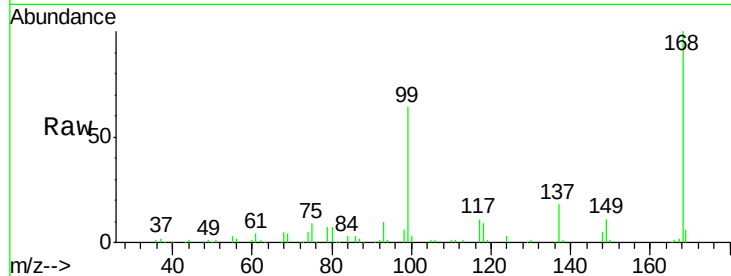
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 224858

Ion Ratio Lower Upper

168 100

99 64.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

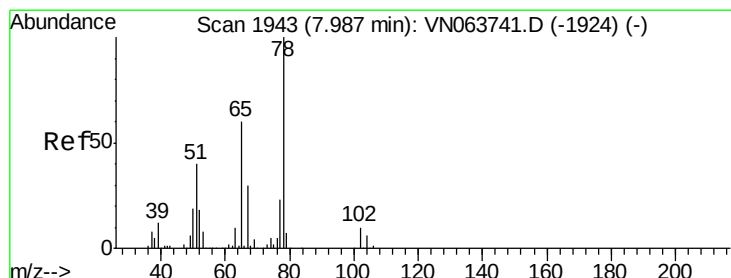
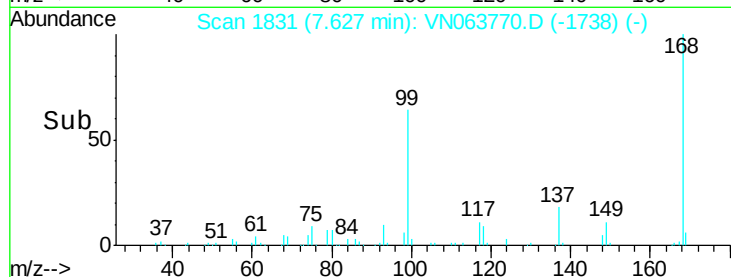
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.469 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063770.D

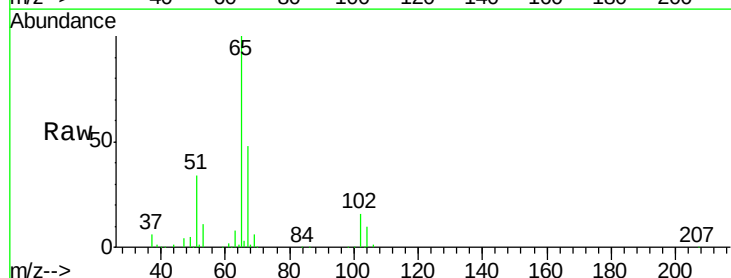
Acq: 1 Oct 2020 14:34

Tgt Ion: 65 Resp: 187484

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

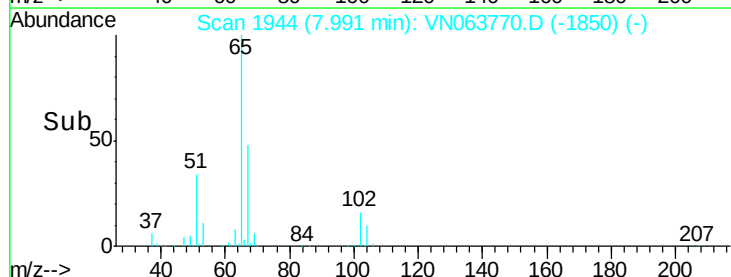
60000

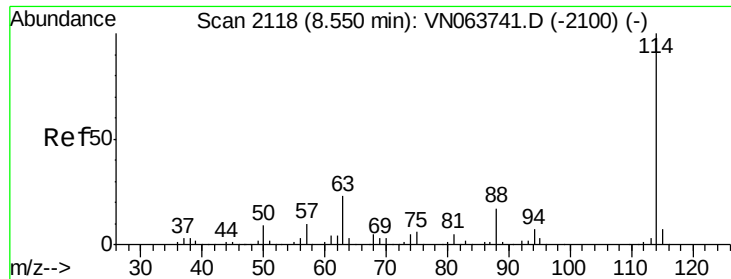
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10

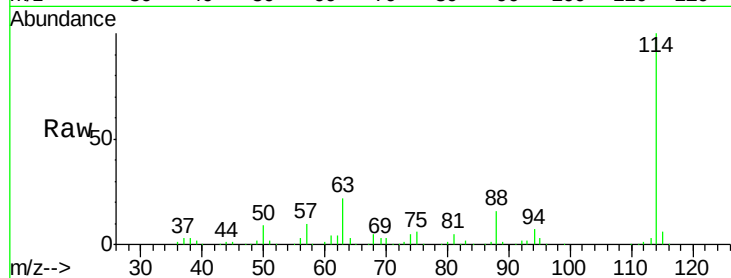




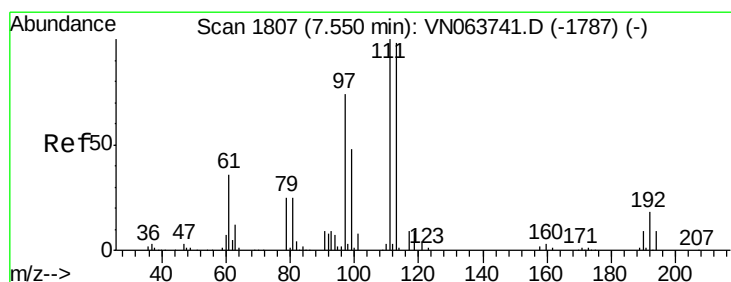
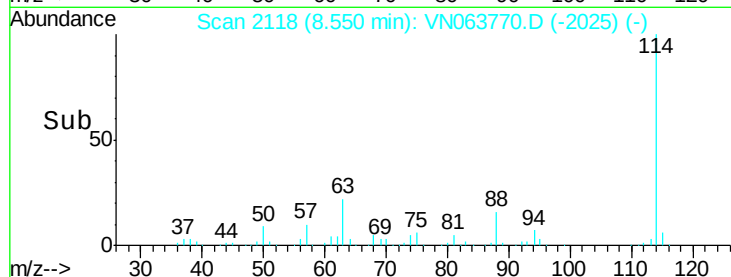
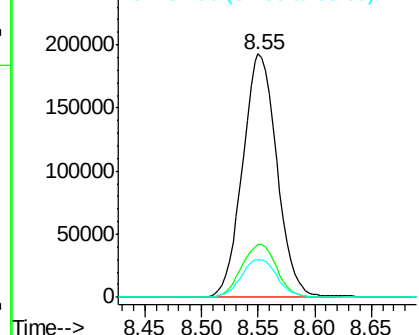
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:114 Resp: 407648
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 15.6 0.0 34.0

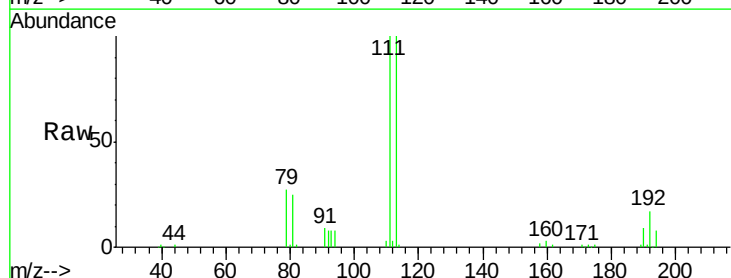


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

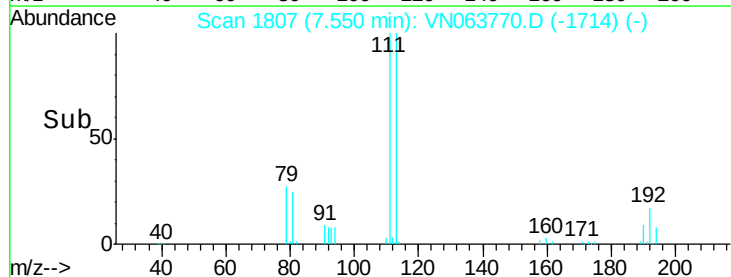
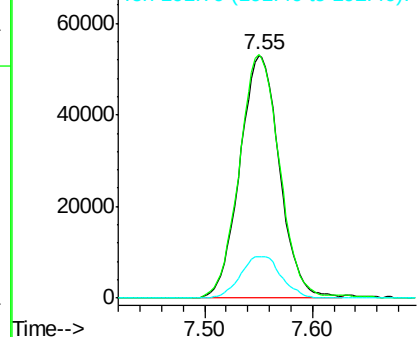


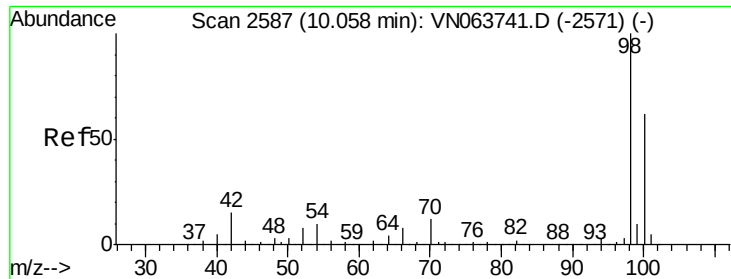
#35
Dibromofluoromethane
Concen: 47.931 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Tgt Ion:113 Resp: 135577
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 17.6 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

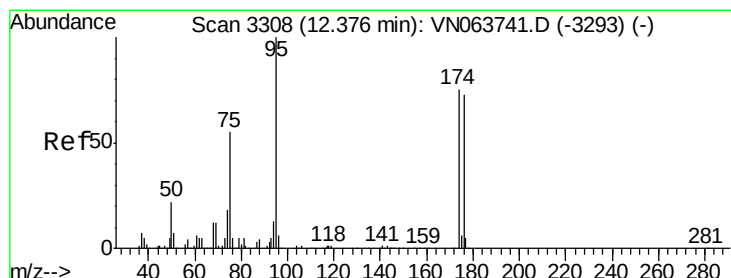
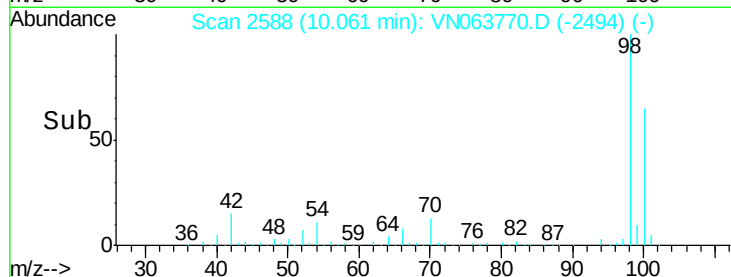
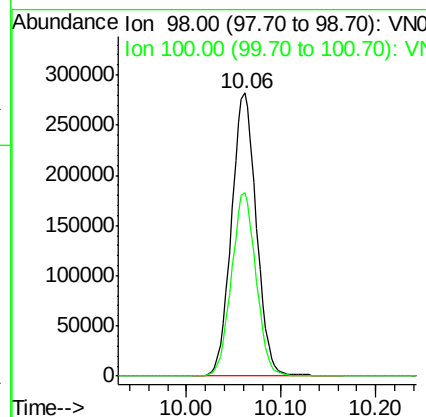
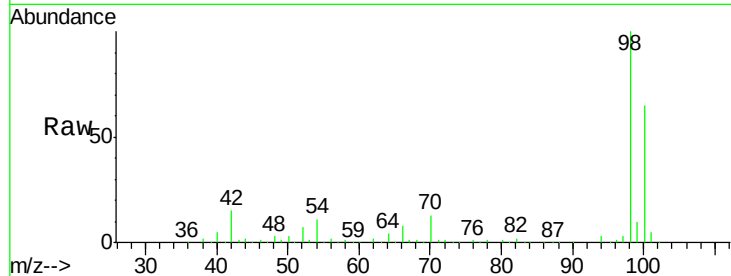




#50
Toluene-d8
Concen: 48.156 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

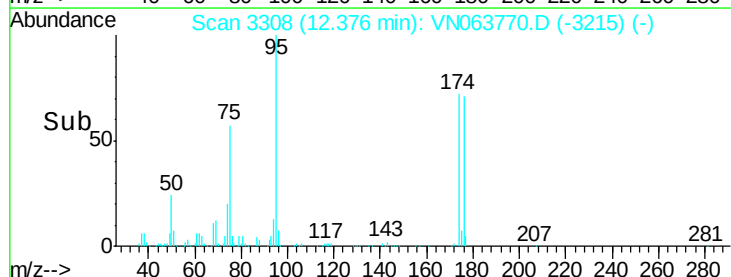
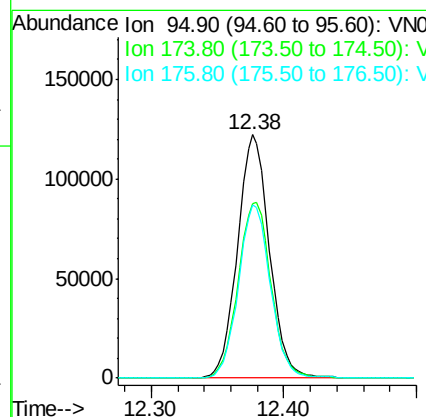
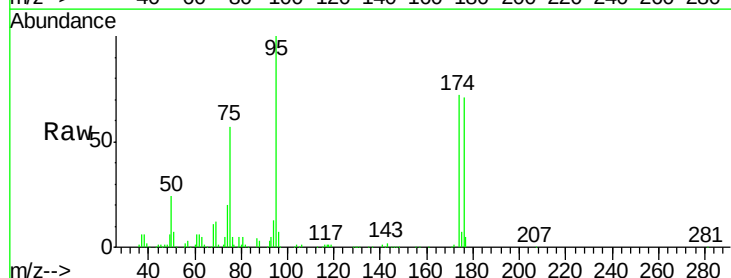
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

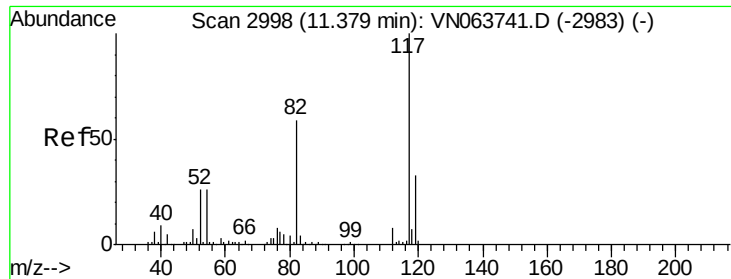
Tot Ion: 98 Resp: 516369
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 50.722 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Tgt Ion: 95 Resp: 204452
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 71.0 0.0 145.4

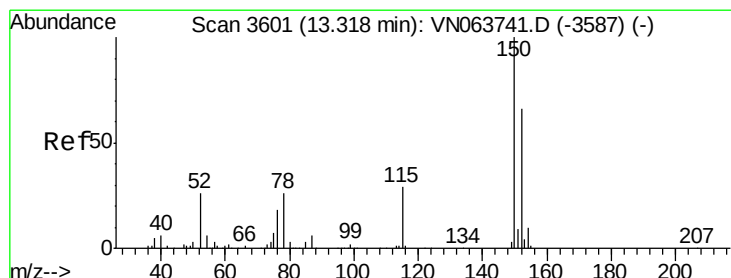
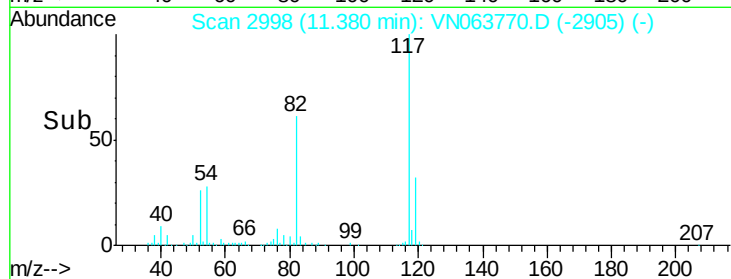
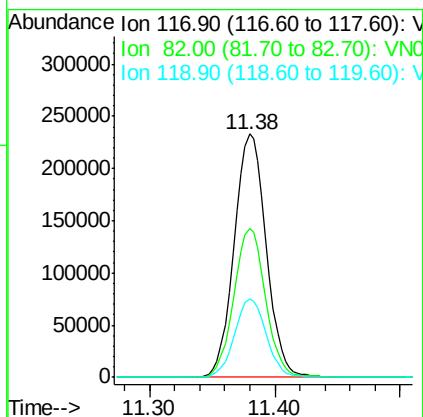
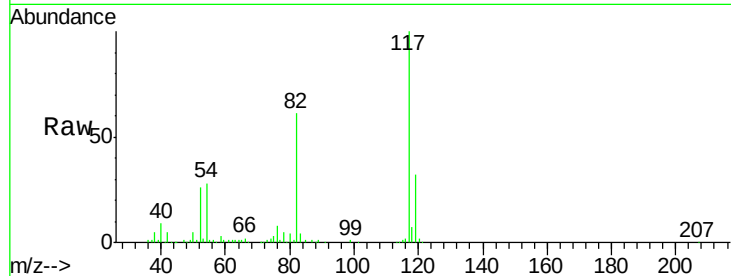




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 412969
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Tgt Ion:152 Resp: 171298
Ion Ratio Lower Upper
152 100
115 64.5 31.3 93.8
150 161.1 0.0 341.8

