

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063771.D
 Acq On : 1 Oct 2020 14:58
 Operator : JC/MD
 Sample : L4168-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 02 02:51:17 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	220706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172142	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185410	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.55	113	132921	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.06	98	509476	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	206795	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

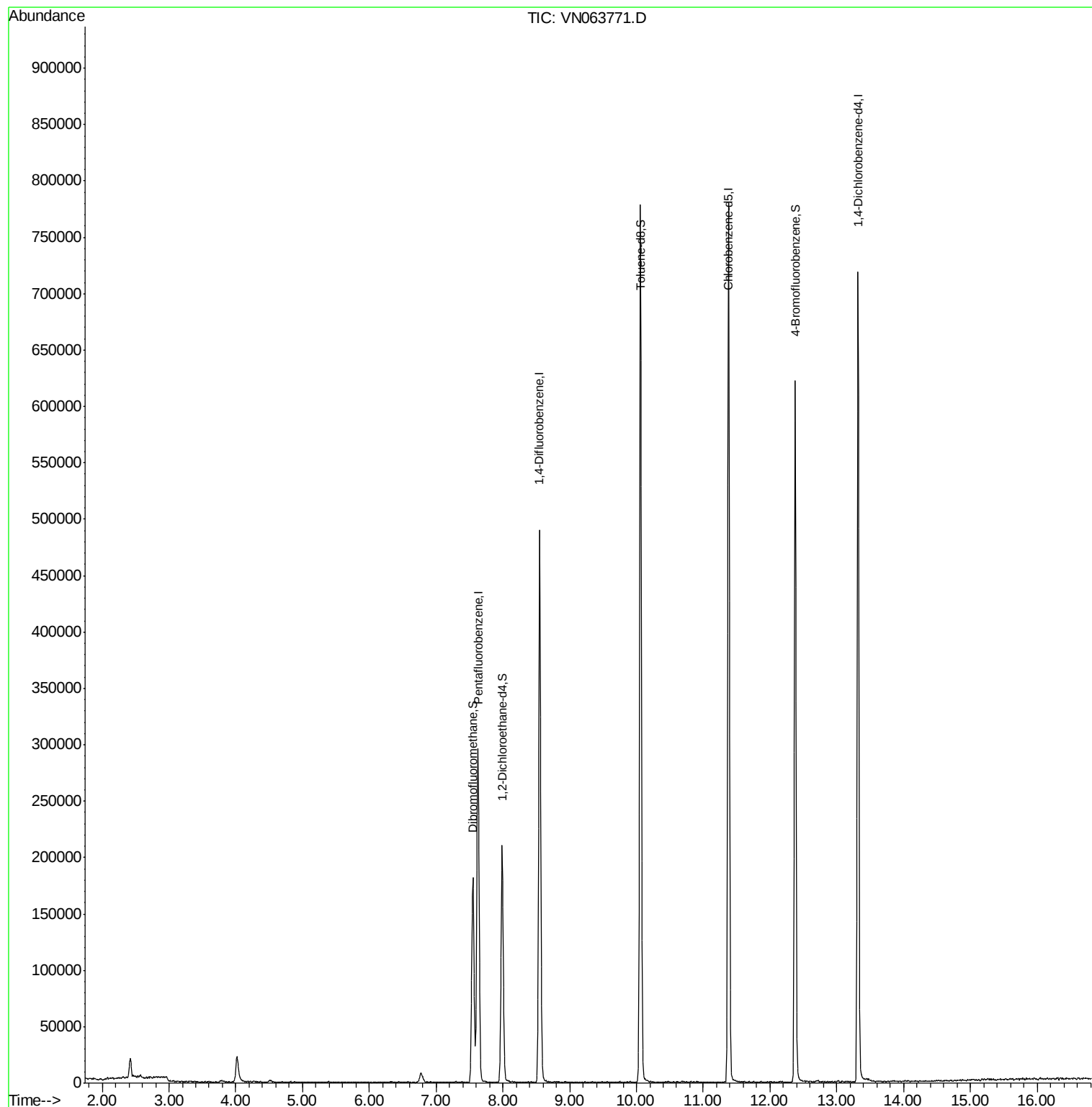
Target Compounds	Qvalue

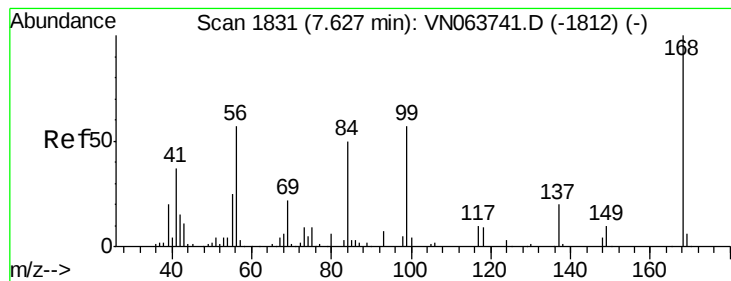
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063771.D

Acq: 1 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

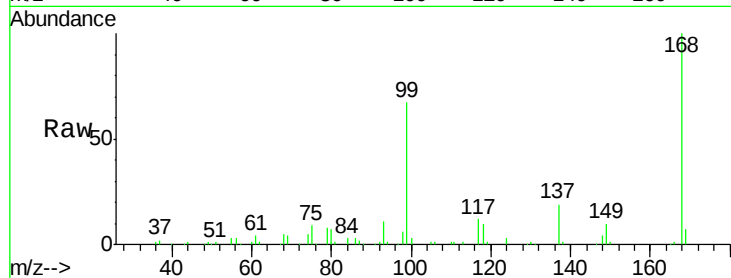
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 220706

Ion Ratio Lower Upper

168 100

99 66.7 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

100000

80000

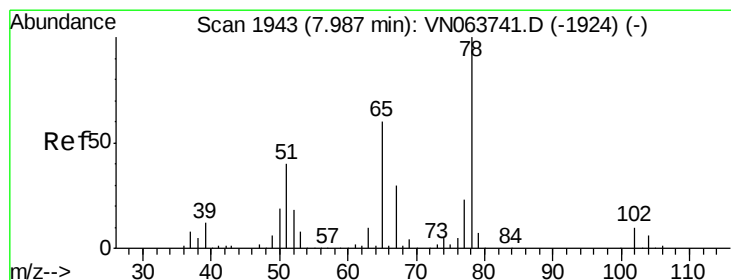
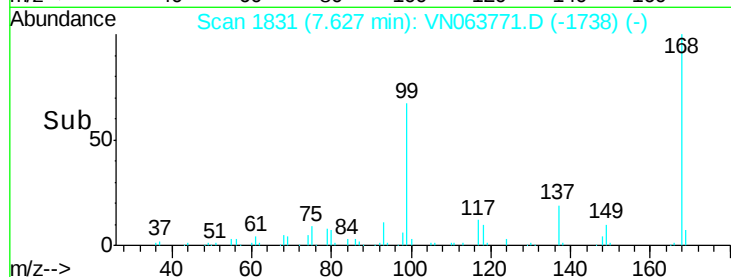
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.850 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063771.D

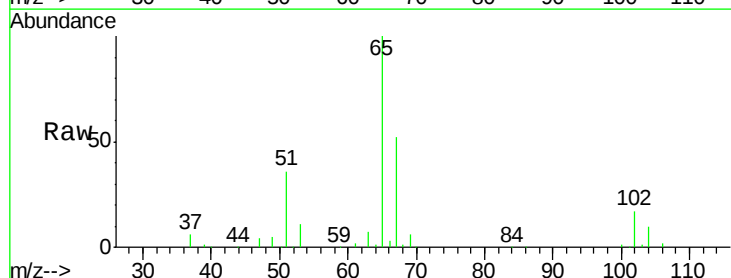
Acq: 1 Oct 2020 14:58

Tgt Ion: 65 Resp: 185410

Ion Ratio Lower Upper

65 100

67 51.2 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

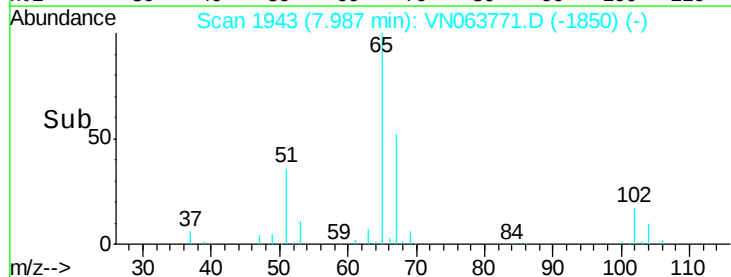
60000

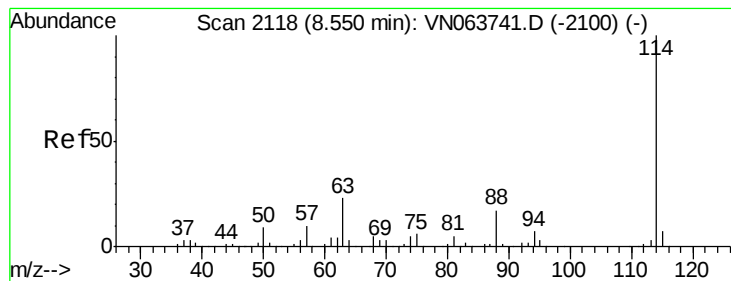
40000

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: VN063771.D

Acq: 1 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

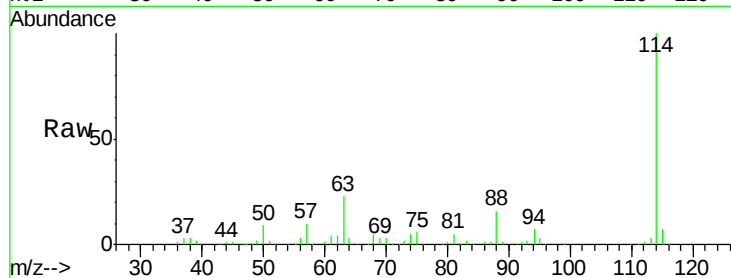
Tot Ion:114 Resp: 404811

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

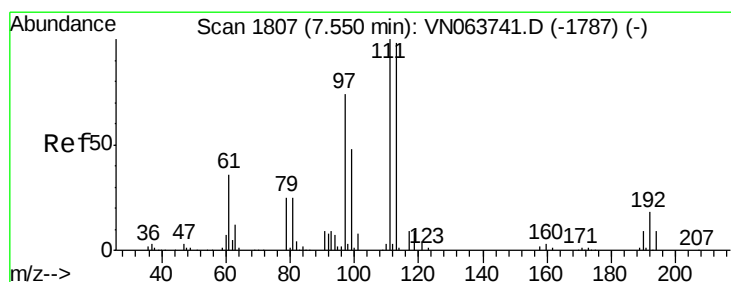
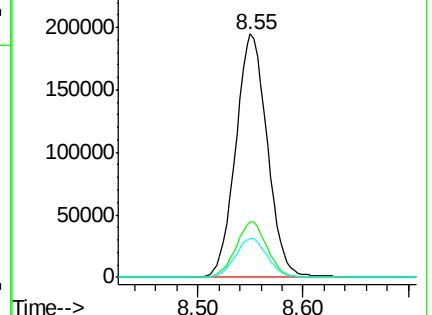
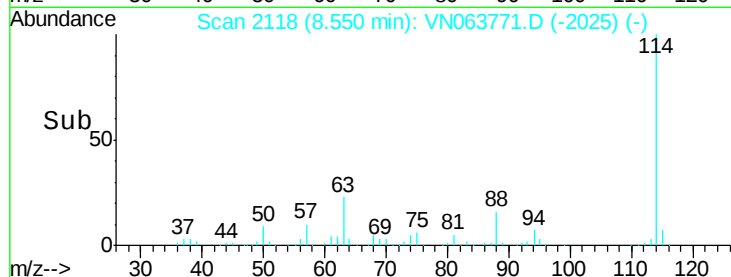
88 16.2 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.322 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN063771.D

Acq: 1 Oct 2020 14:58

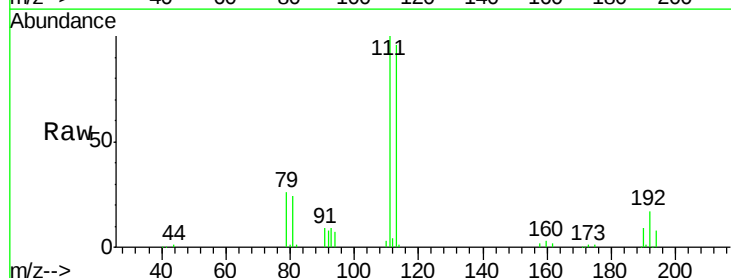
Tgt Ion:113 Resp: 132921

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

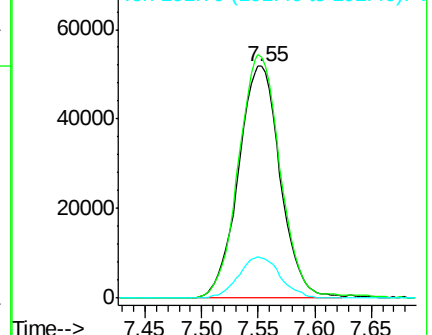
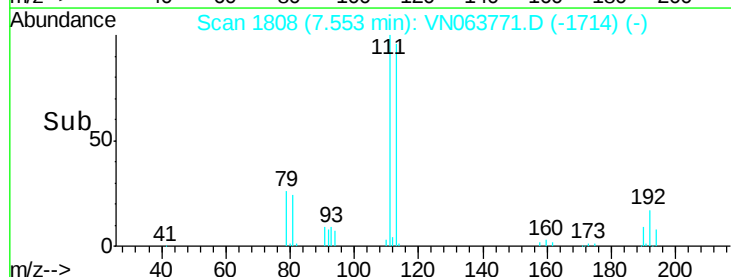
192 17.6 14.2 21.2

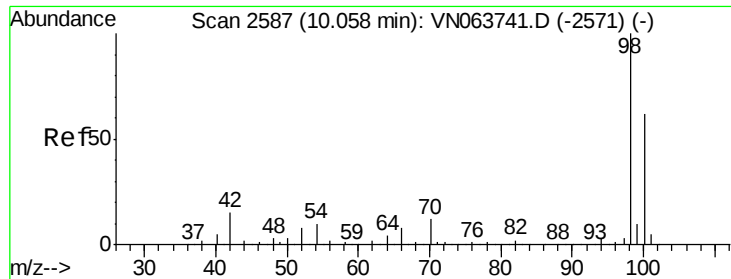


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

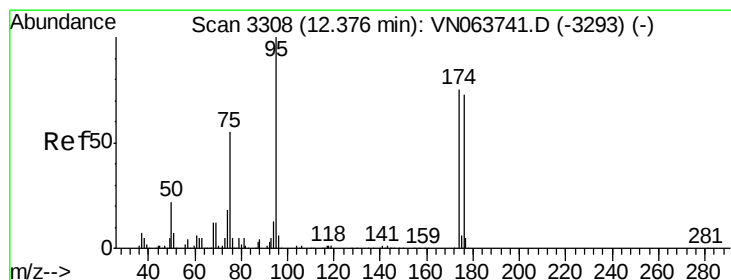
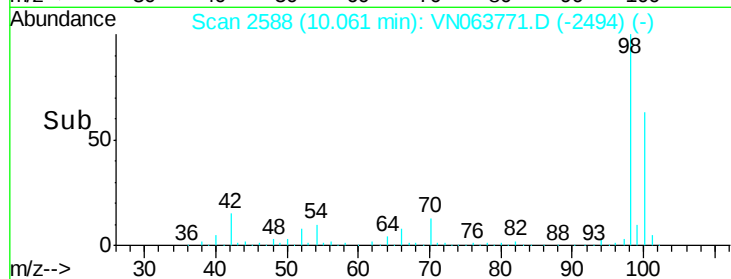
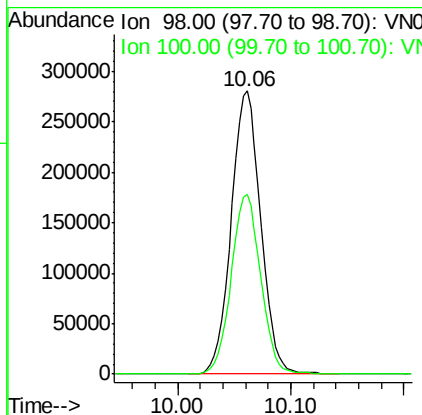
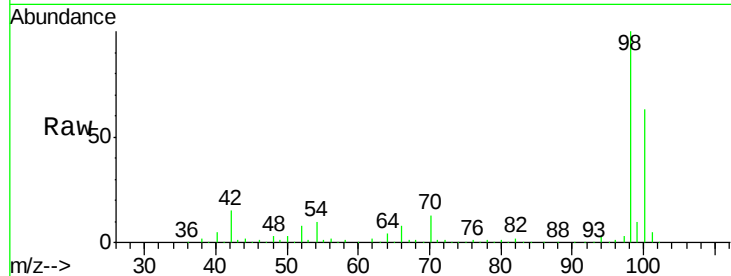




#50
Toluene-d8
Concen: 47.846 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063771.D
Acq: 1 Oct 2020 14:58

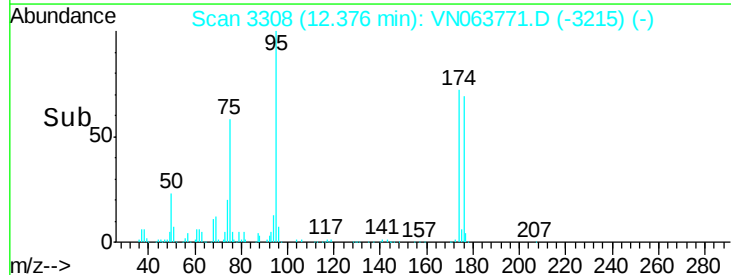
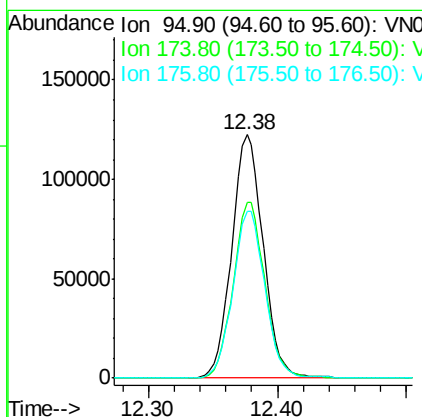
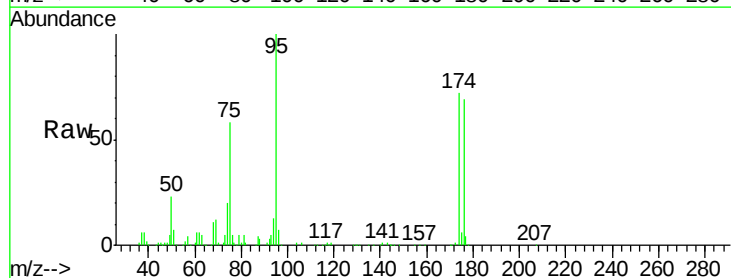
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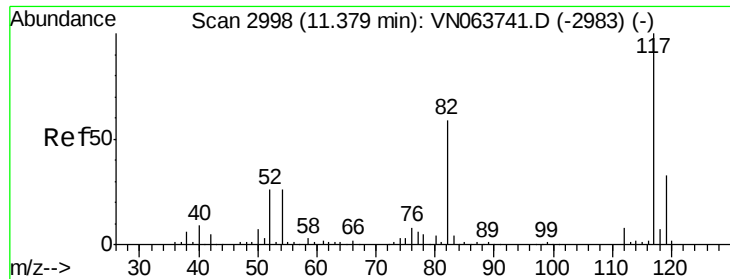
Tot Ion: 98 Resp: 509476
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 51.663 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063771.D
Acq: 1 Oct 2020 14:58

Tgt Ion: 95 Resp: 206795
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.6
176 69.7 0.0 145.4

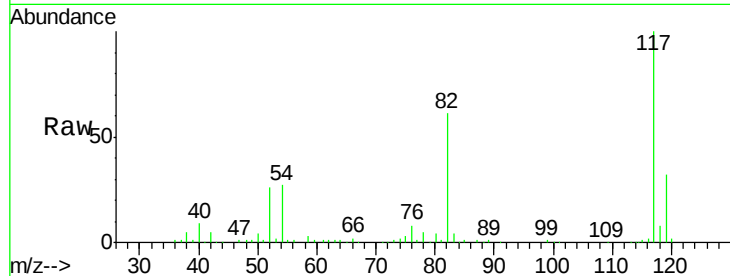




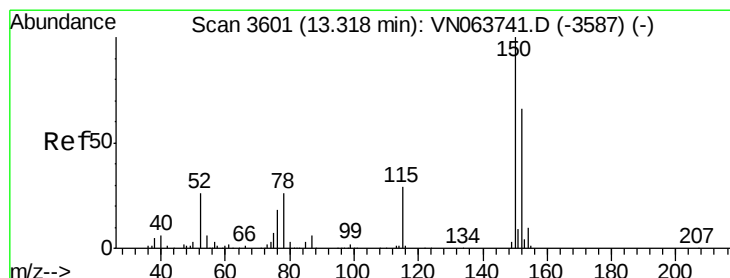
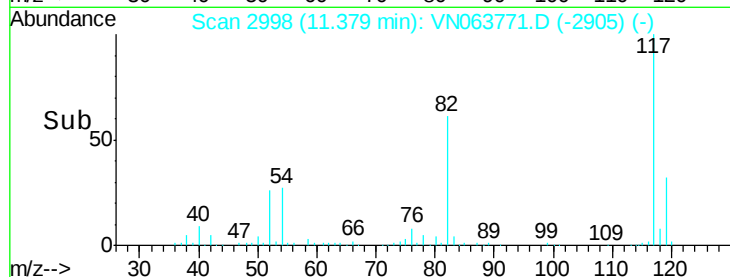
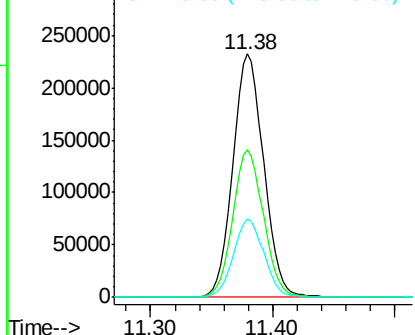
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063771.D
Acq: 1 Oct 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 407689
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.1 26.4 39.6

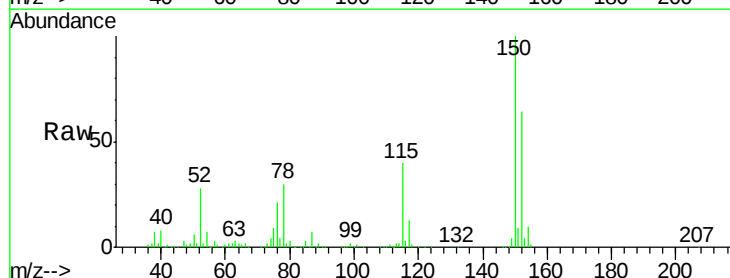


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063771.D
Acq: 1 Oct 2020 14:58

Tgt Ion:152 Resp: 172142
Ion Ratio Lower Upper
152 100
115 64.2 31.3 93.8
150 157.9 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

