

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062502.D
 Acq On : 10 Jul 2020 19:09
 Operator : JC/MD
 Sample : L3258-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200415-FIELD-BLANK

Quant Time: Jul 11 03:09:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115324	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	143336	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.55	113	106019	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.06	98	426900	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.38	95	149584	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

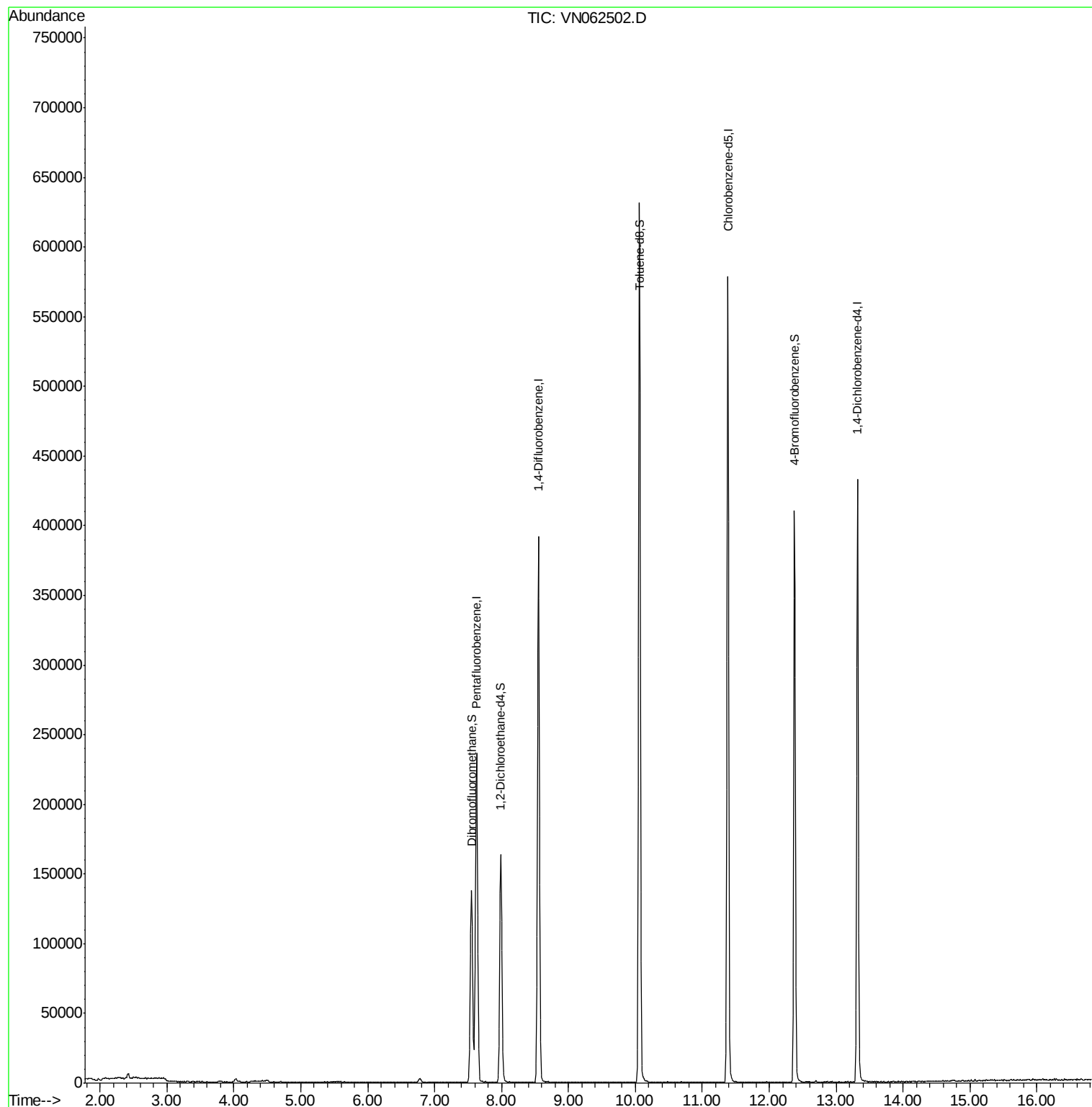
Target Compounds	Qvalue

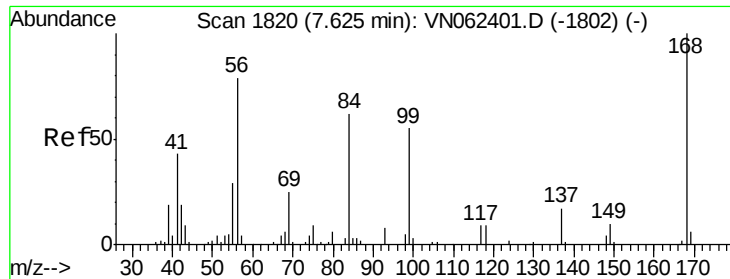
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

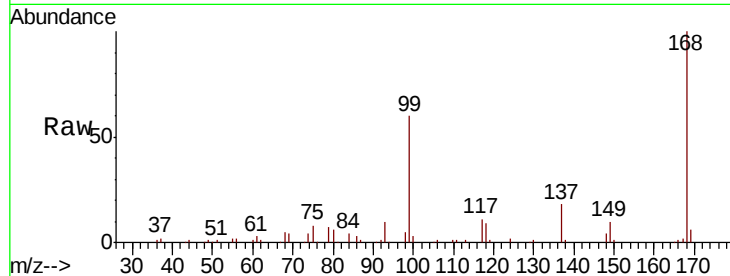
20200415-FIELD-BLANK

Tot Ion:168 Resp: 183332

Ion Ratio Lower Upper

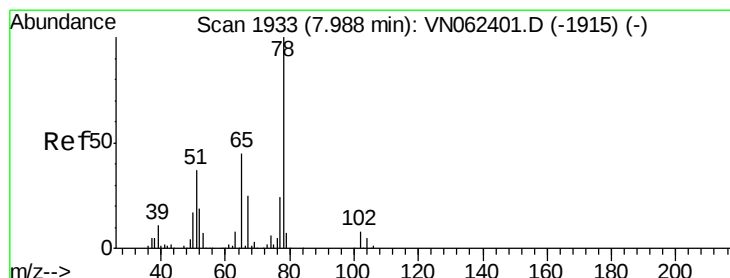
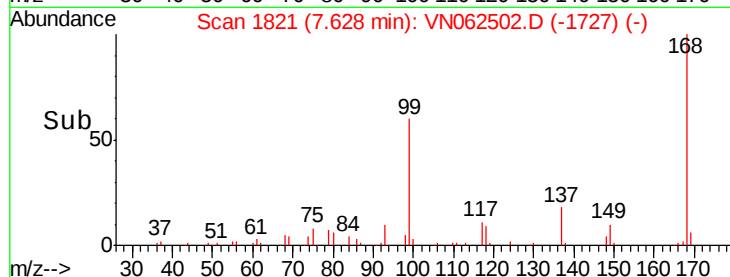
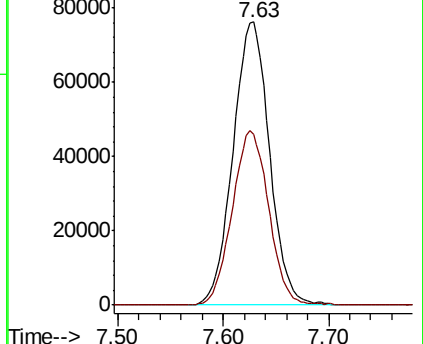
168 100

99 60.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 50.831 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062502.D

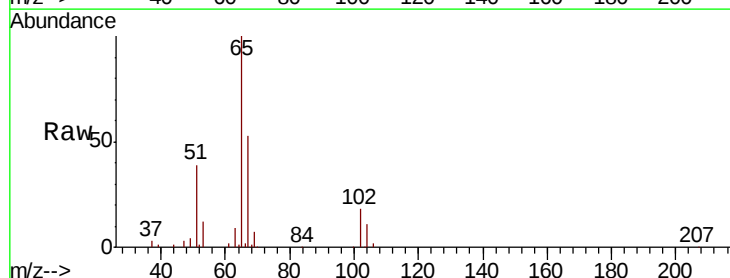
Acq: 10 Jul 2020 19:09

Tgt Ion: 65 Resp: 143336

Ion Ratio Lower Upper

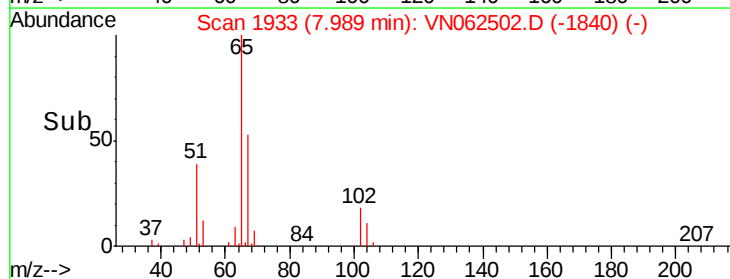
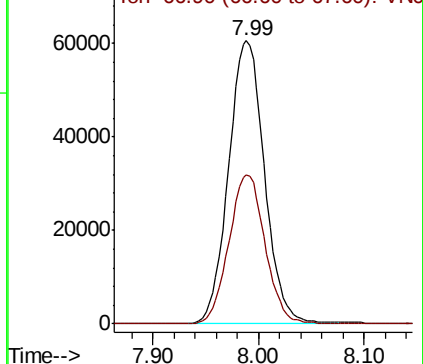
65 100

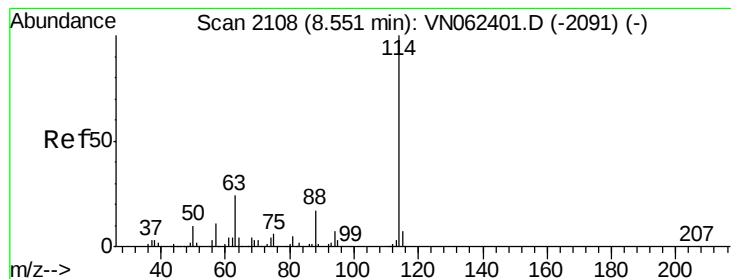
67 52.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

20200415-FIELD-BLANK

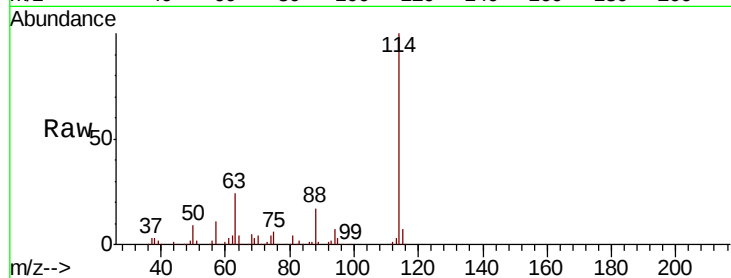
Tot Ion:114 Resp: 330934

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.4

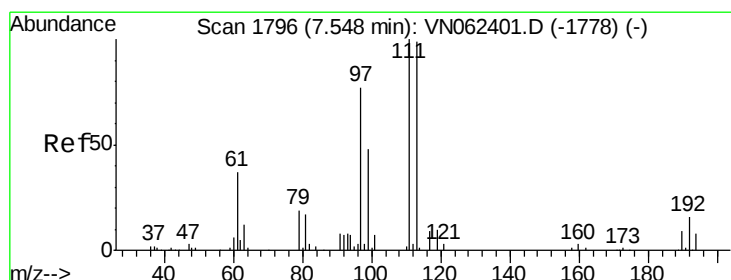
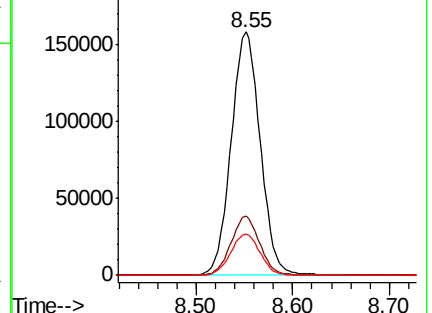
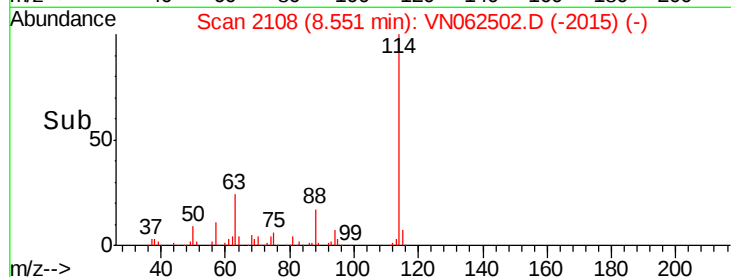
88 16.8 0.0 33.8



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: 51.827 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

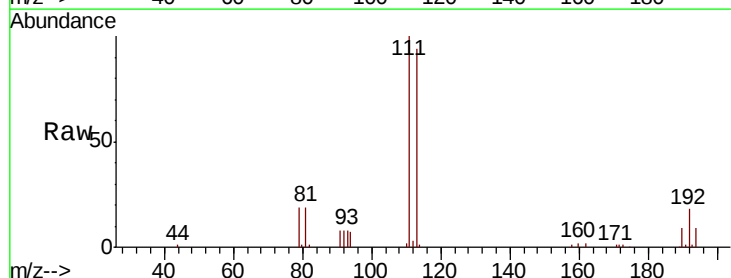
Tgt Ion:113 Resp: 106019

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

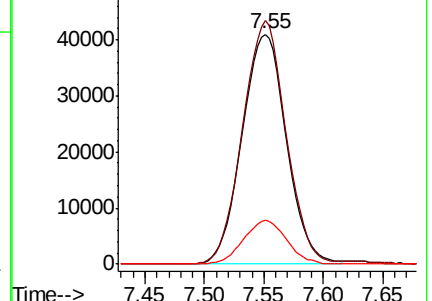
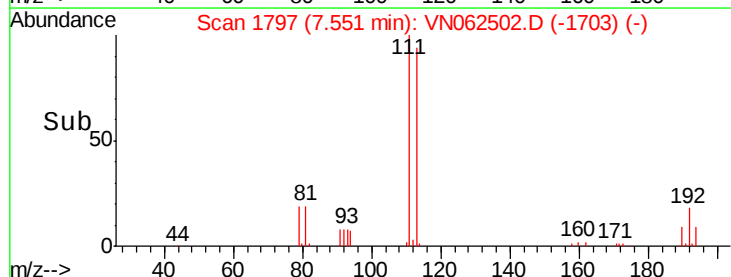
192 18.4 14.1 21.1

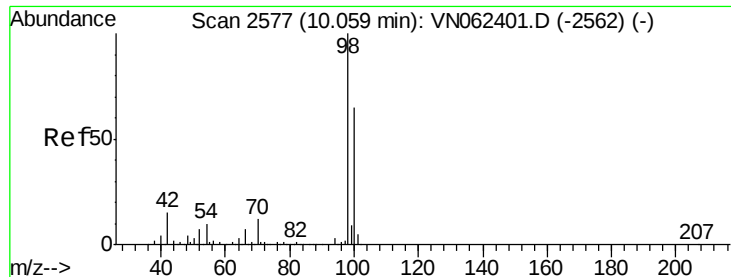


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.864 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

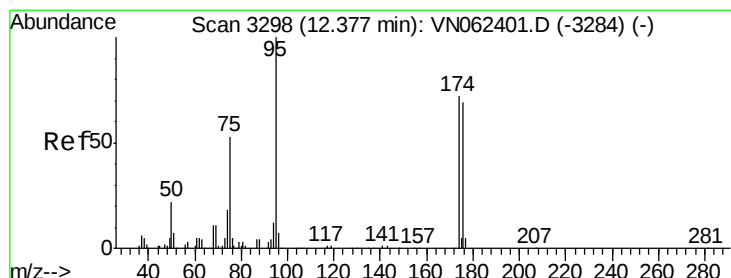
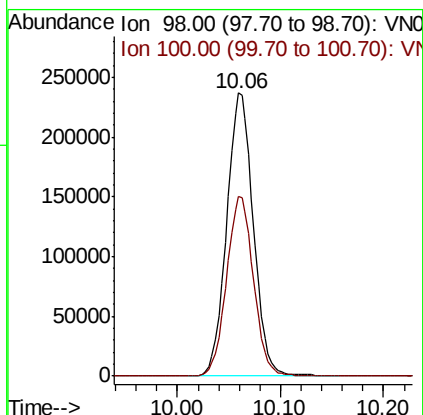
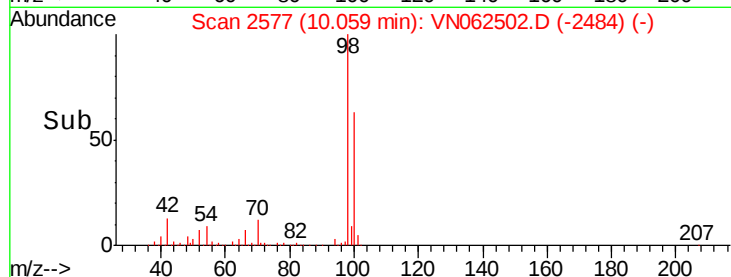
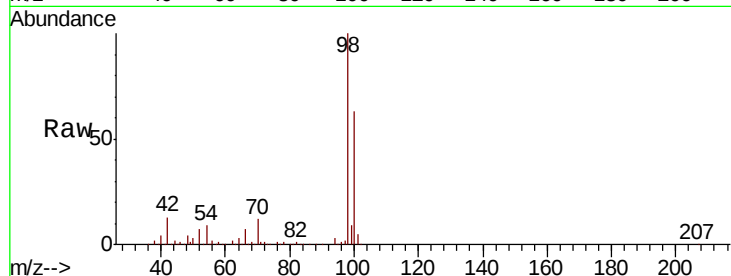
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Tot Ion: 98 Resp: 426900

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.688 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

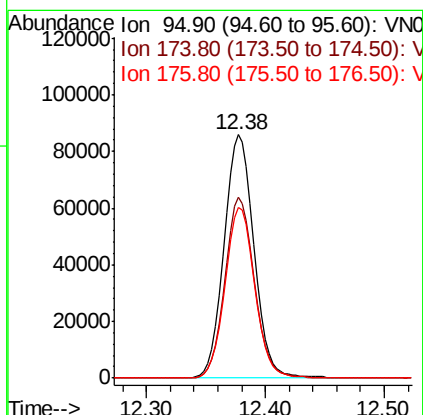
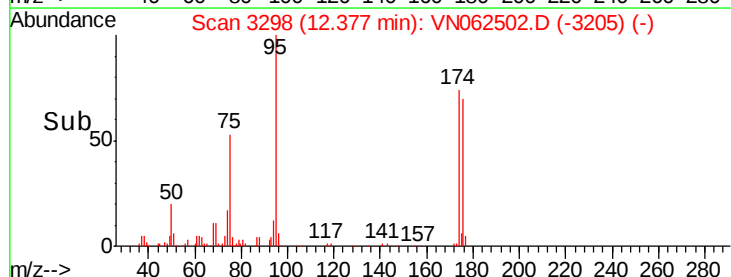
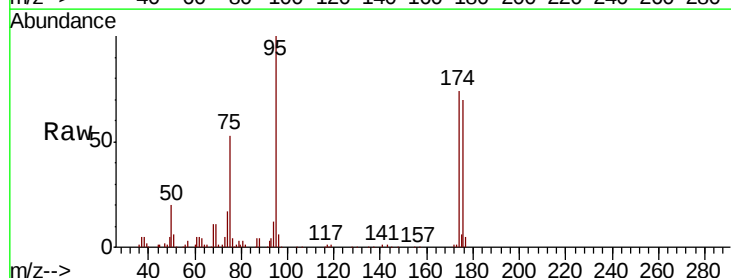
Tgt Ion: 95 Resp: 149584

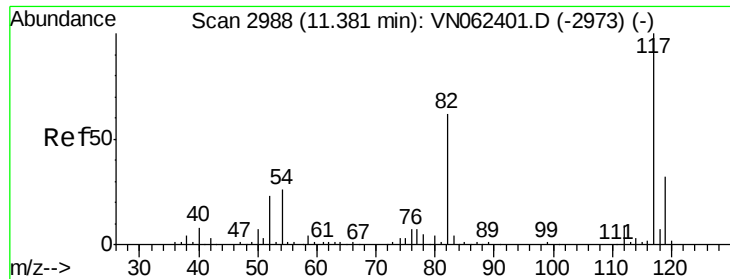
Ion Ratio Lower Upper

95 100

174 73.5 0.0 141.6

176 69.8 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

20200415-FIELD-BLANK

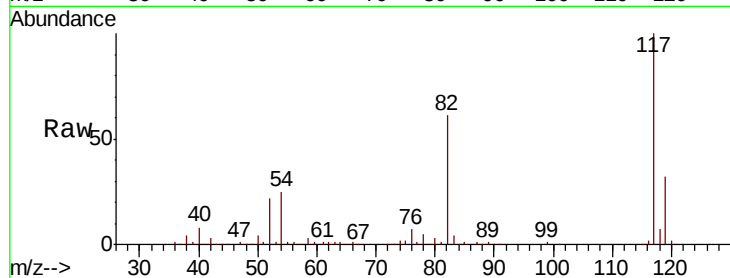
Tot Ion:117 Resp: 316905

Ion Ratio Lower Upper

117 100

82 60.7 49.6 74.4

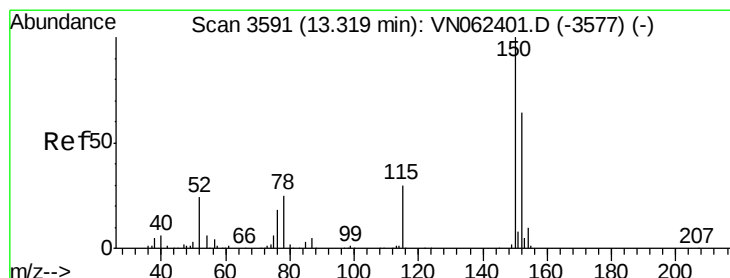
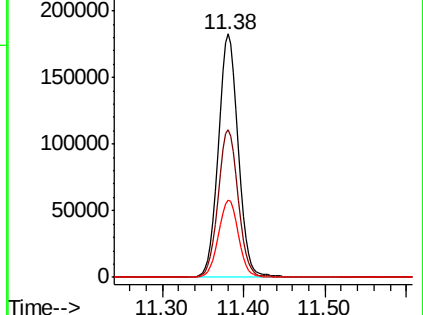
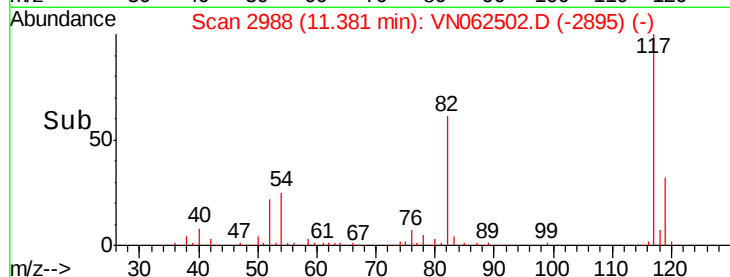
119 31.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

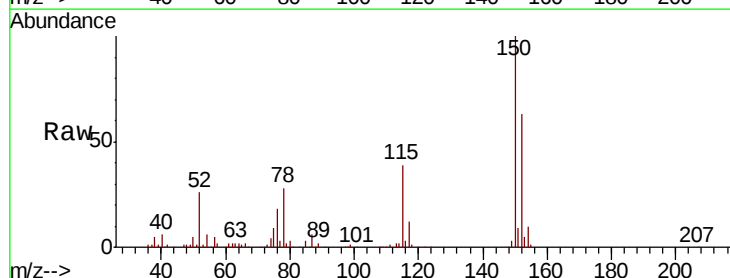
Tgt Ion:152 Resp: 115324

Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.2

150 154.9 0.0 347.4



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

