

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064640.D
 Acq On : 13 Nov 2020 19:10
 Operator : JC/MD
 Sample : L4737-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 17 03:17:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	460411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167331	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	218805	58.44	ug/l	0.00
Spiked Amount			Recovery	=	116.88%	
35) Dibromofluoromethane	7.55	113	163101	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
50) Toluene-d8	10.06	98	570272	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.38	95	212820	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	

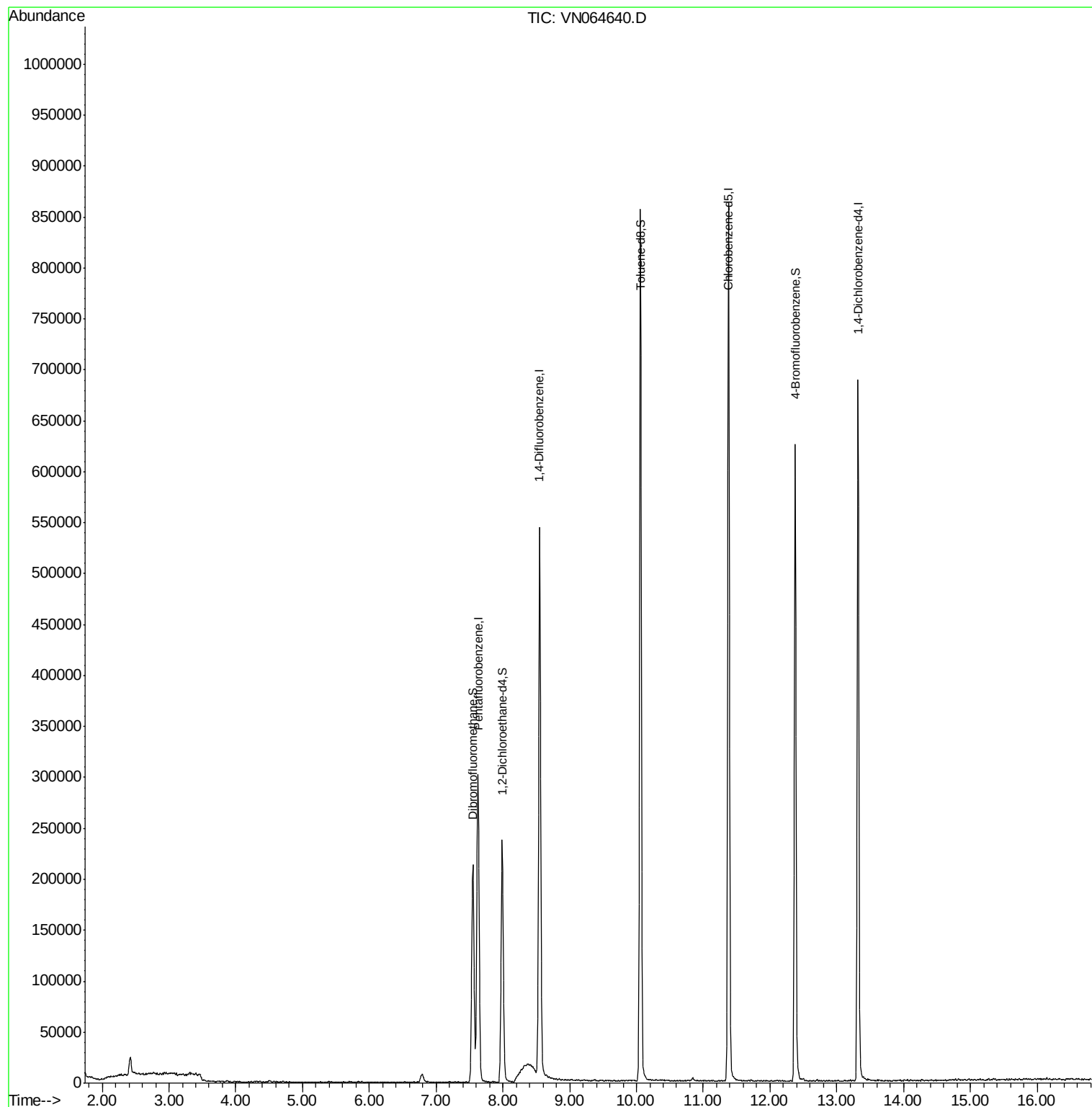
Target Compounds	Qvalue
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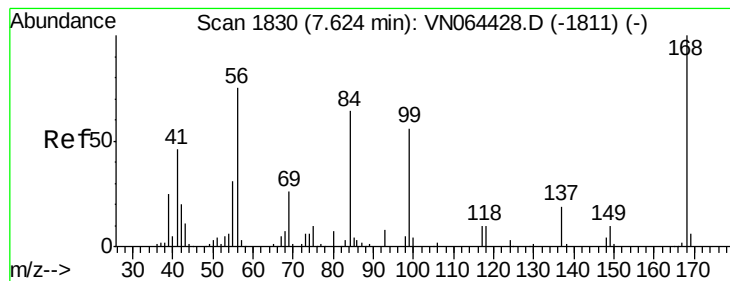
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064640.D

Acq: 13 Nov 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

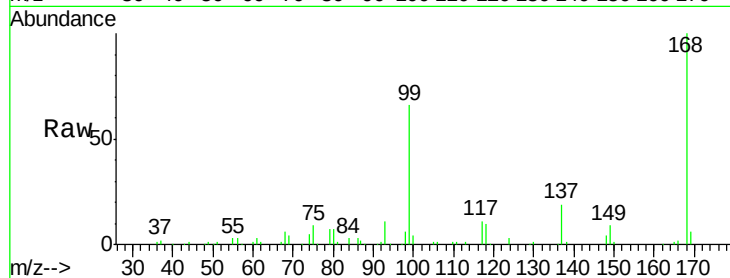
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Tot Ion:168 Resp: 214954

Ion Ratio Lower Upper

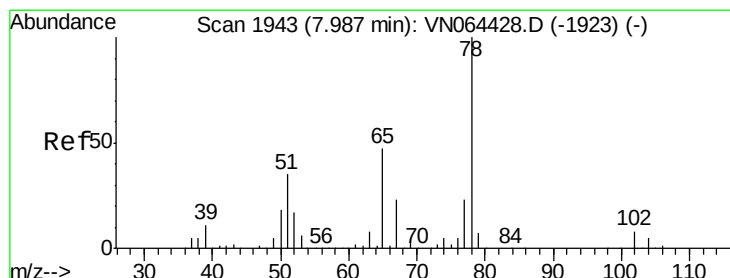
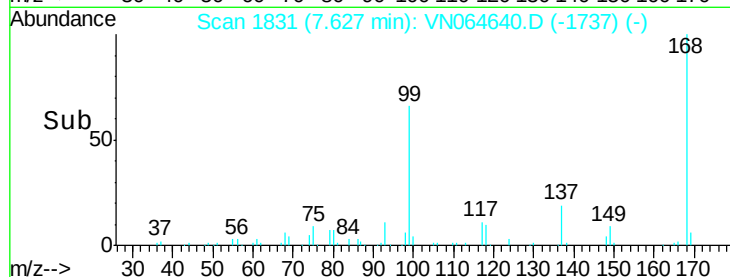
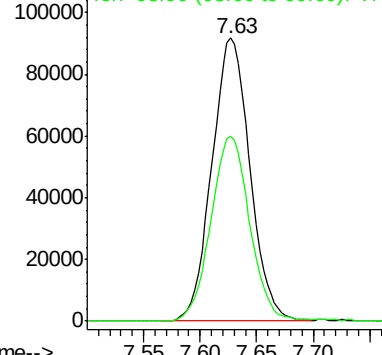
168 100

99 65.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.439 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064640.D

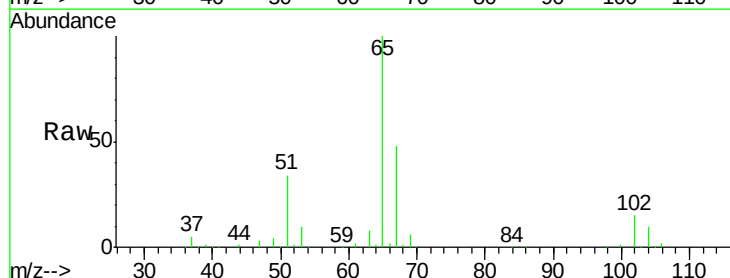
Acq: 13 Nov 2020 19:10

Tgt Ion: 65 Resp: 218805

Ion Ratio Lower Upper

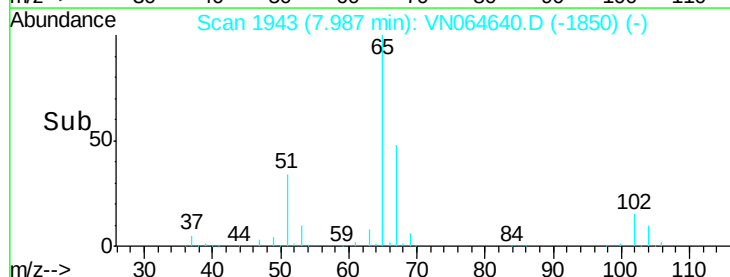
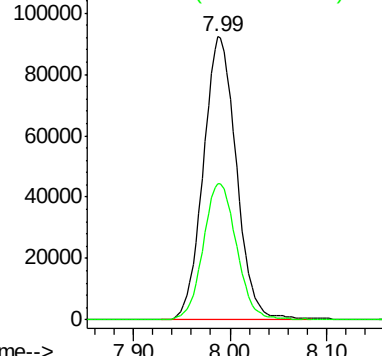
65 100

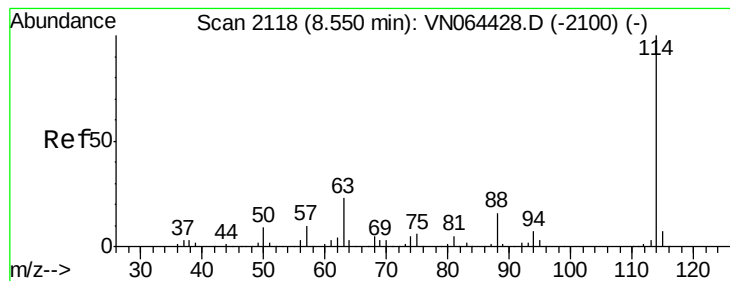
67 48.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064640.D

Acq: 13 Nov 2020 19:10

Instrument :

MSVOA_N

ClientSampled :

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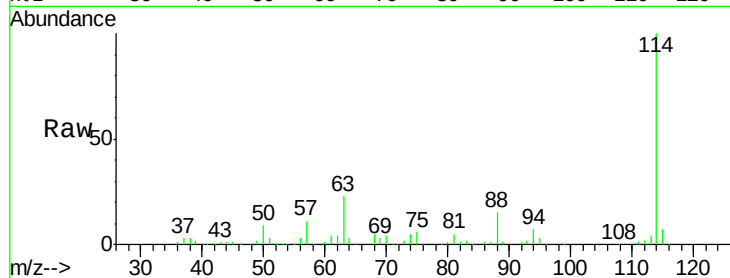
Tot Ion:114 Resp: 450544

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

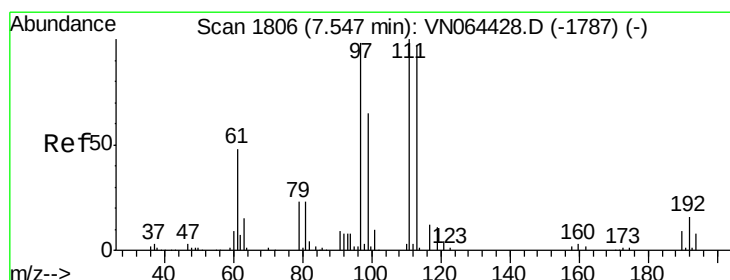
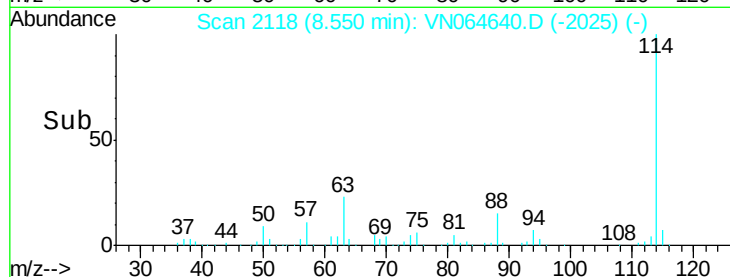
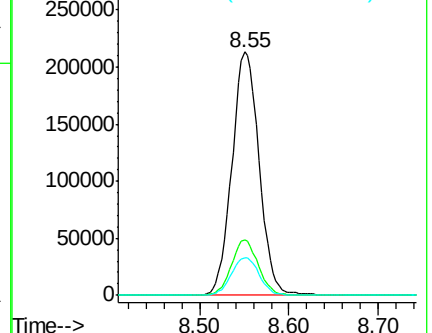
88 15.3 0.0 32.8



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: 53.169 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064640.D

Acq: 13 Nov 2020 19:10

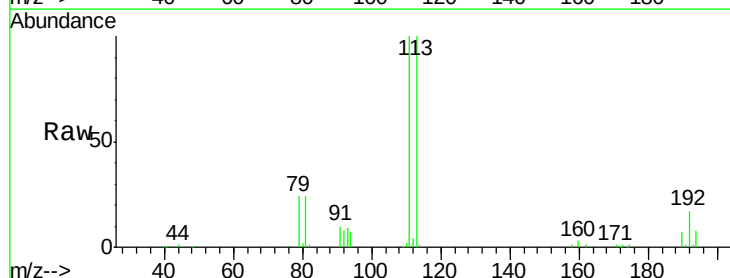
Tgt Ion:113 Resp: 163101

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

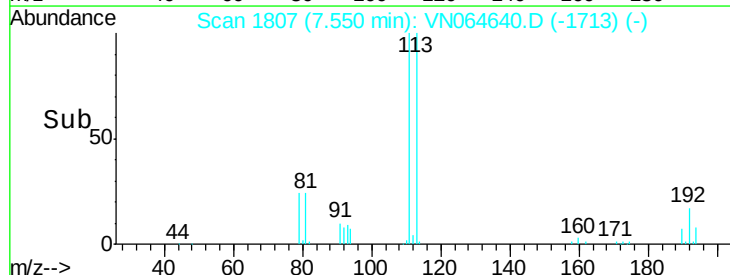
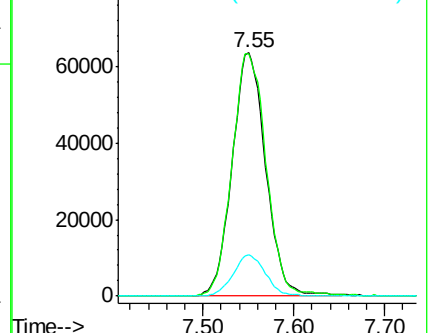
192 16.3 12.8 19.2

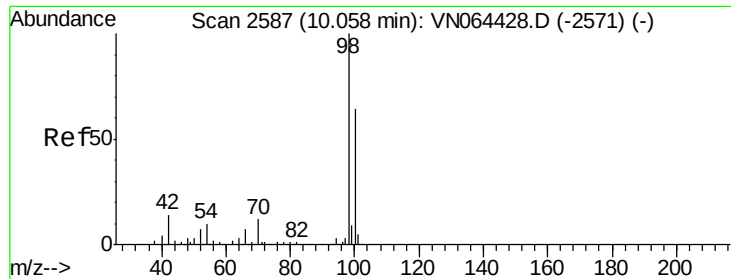


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.099 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064640.D

Acq: 13 Nov 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

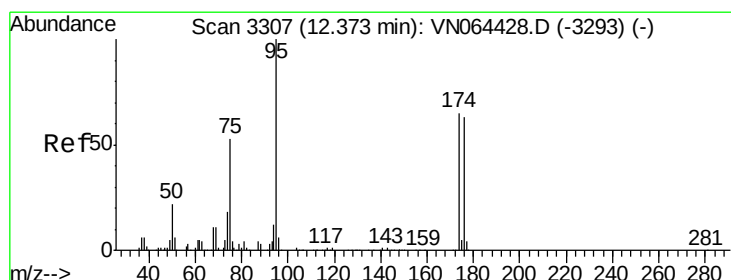
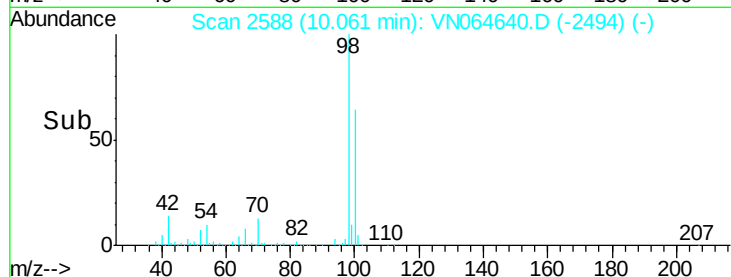
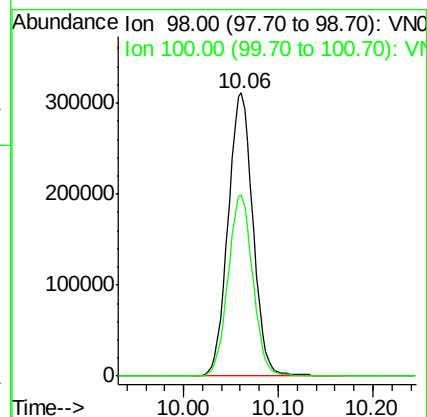
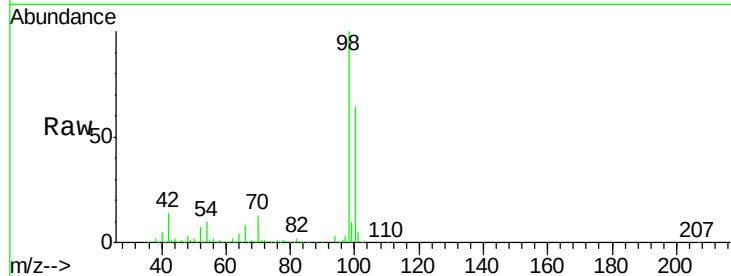
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Tot Ion: 98 Resp: 570272

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 47.463 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064640.D

Acq: 13 Nov 2020 19:10

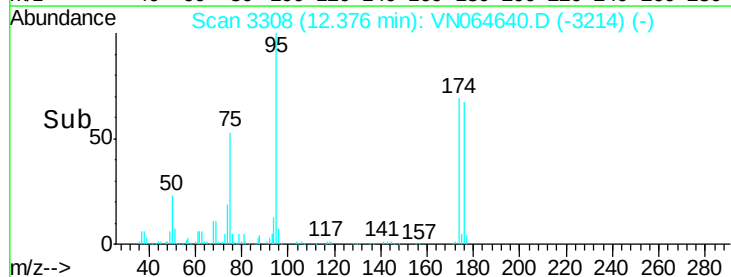
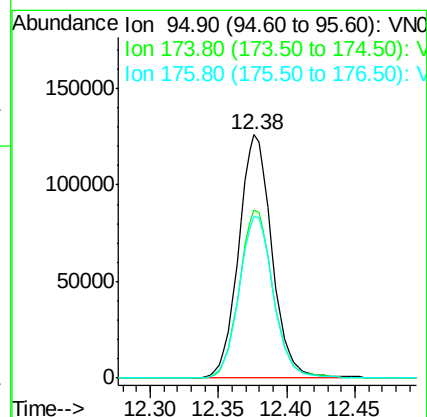
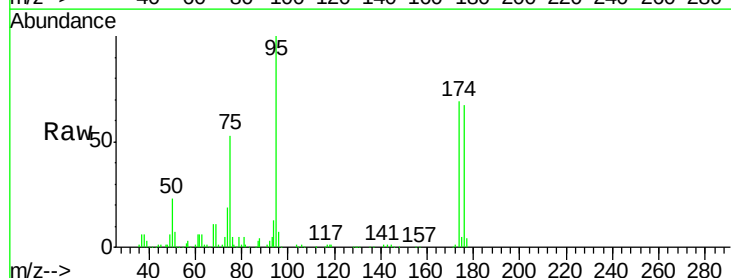
Tgt Ion: 95 Resp: 212820

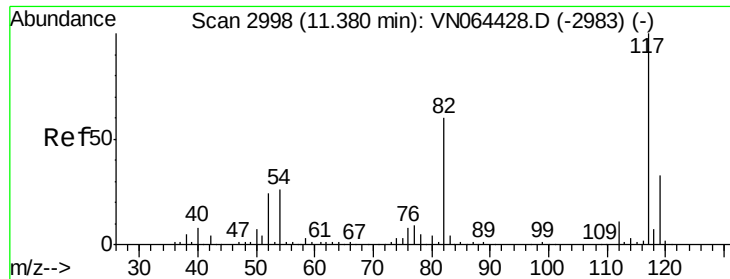
Ion Ratio Lower Upper

95 100

174 70.5 0.0 132.6

176 68.5 0.0 129.2

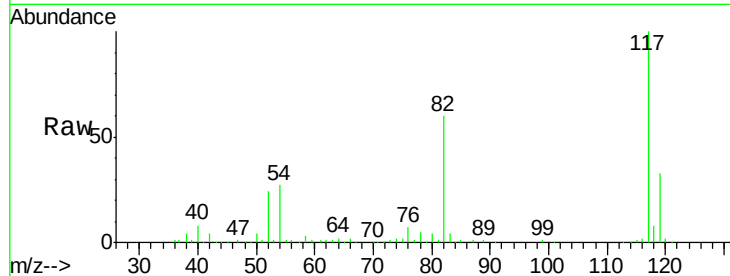




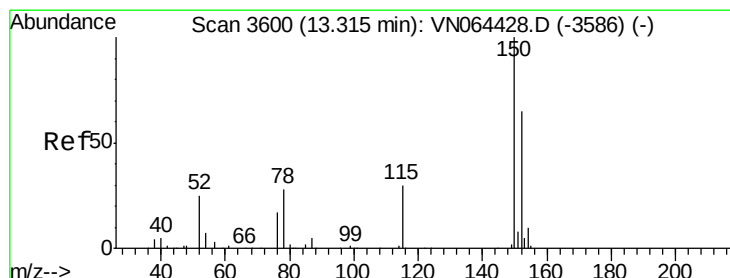
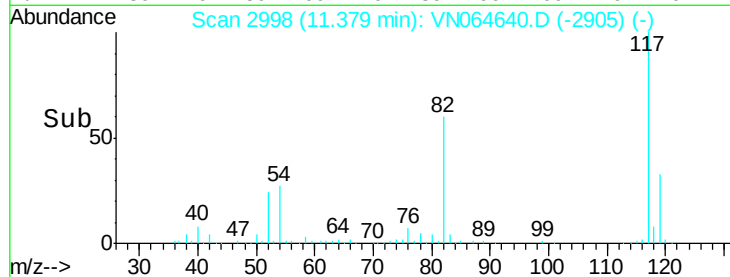
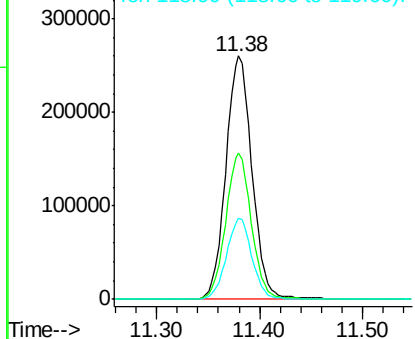
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064640.D
Acq: 13 Nov 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 460411
Ion Ratio Lower Upper
117 100
82 60.3 48.1 72.1
119 33.5 26.2 39.4

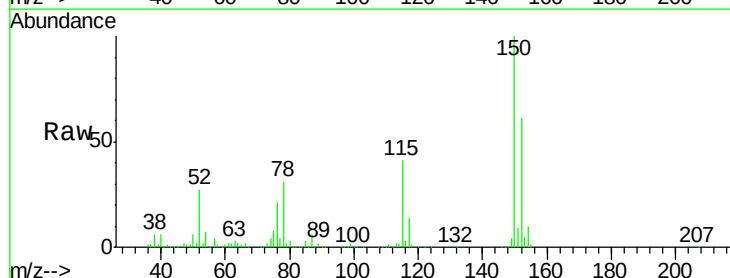


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064640.D
Acq: 13 Nov 2020 19:10

Tgt Ion:152 Resp: 167331
Ion Ratio Lower Upper
152 100
115 66.0 32.0 96.0
150 160.6 0.0 353.8



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

