

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063048.D
 Acq On : 20 Aug 2020 21:14
 Operator : JC/MD
 Sample : L3711-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20200814

Quant Time: Aug 21 06:51:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	139900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	234153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85788	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	94820	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
35) Dibromofluoromethane	7.55	113	81098	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.06	98	297463	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.38	95	97228	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	

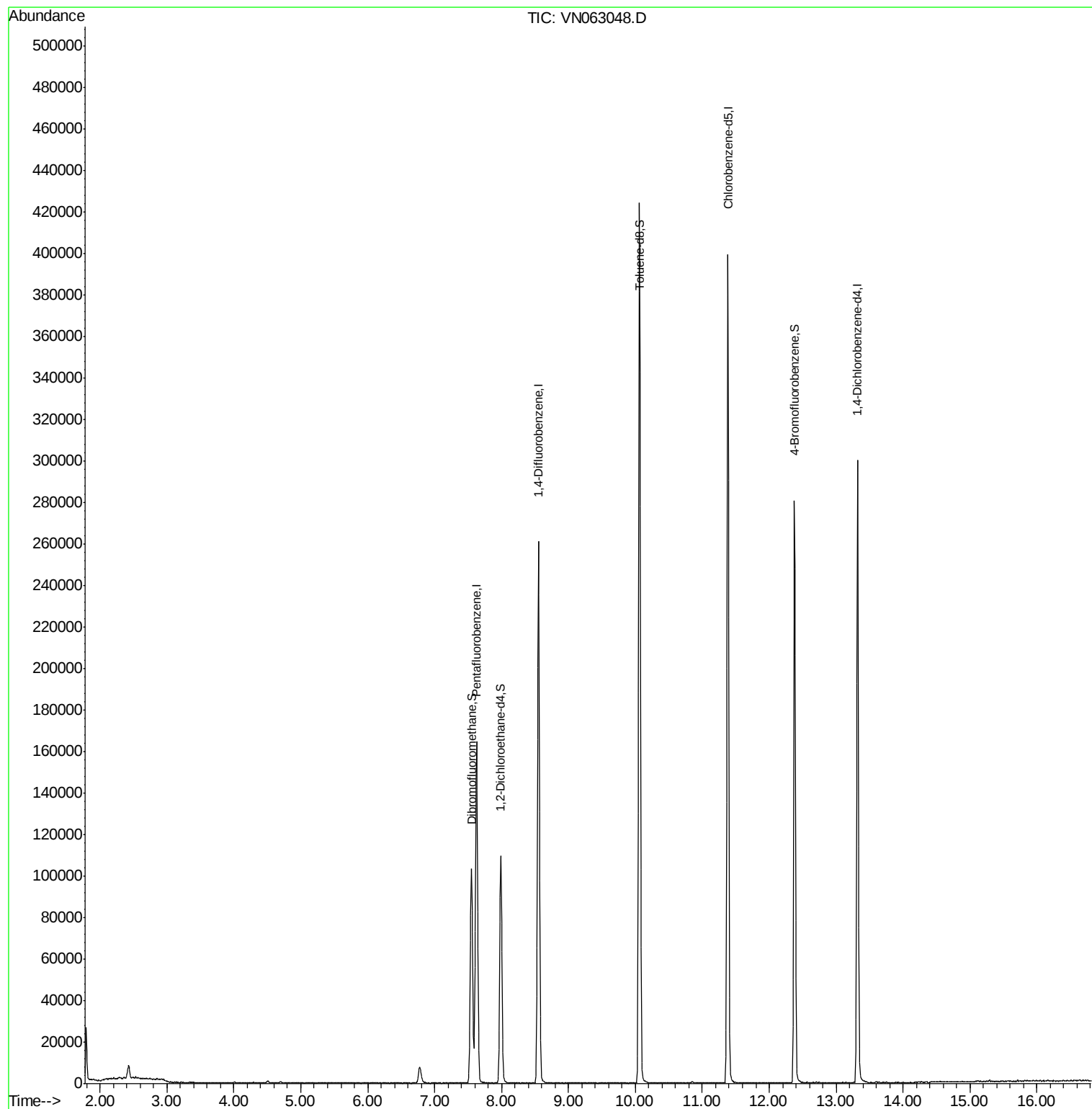
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

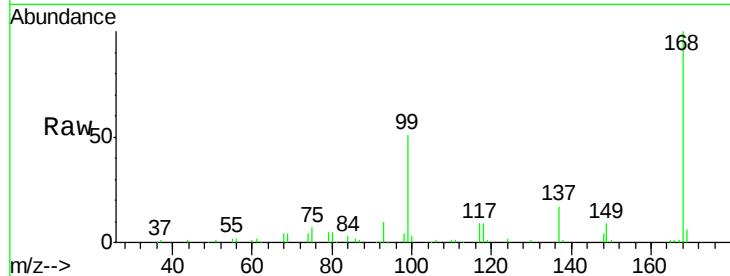
TT-TB-20200814

Tot Ion:168 Resp: 139900

Ion Ratio Lower Upper

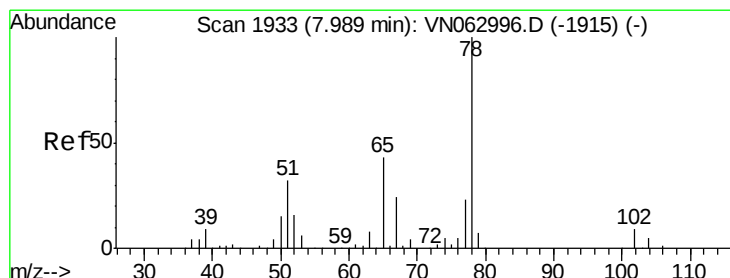
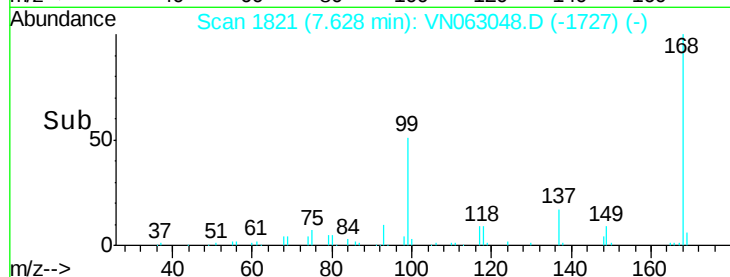
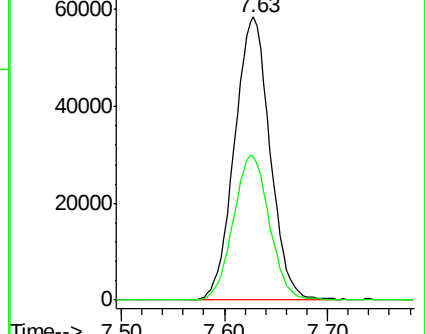
168 100

99 50.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 57.187 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063048.D

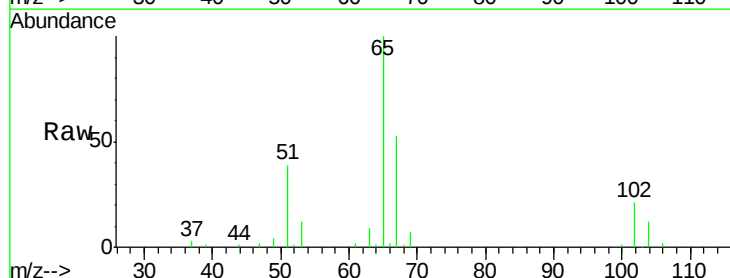
Acq: 20 Aug 2020 21:14

Tgt Ion: 65 Resp: 94820

Ion Ratio Lower Upper

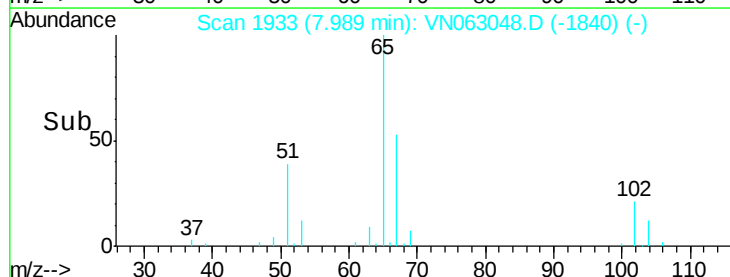
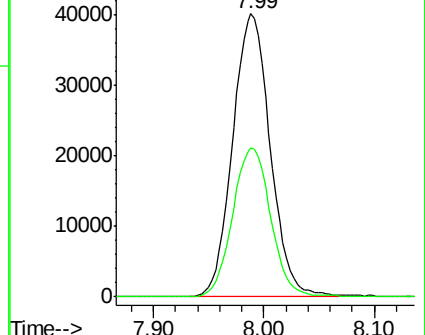
65 100

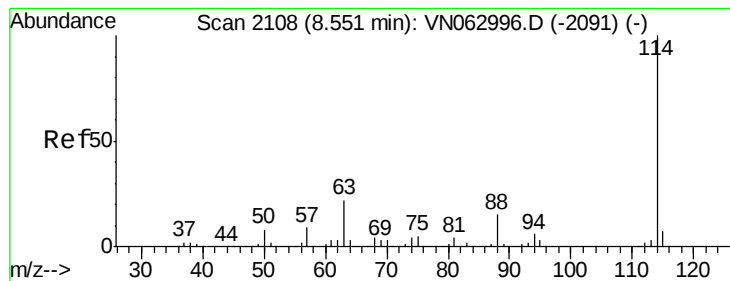
67 53.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063048.D

Acq: 20 Aug 2020 21:14

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20200814

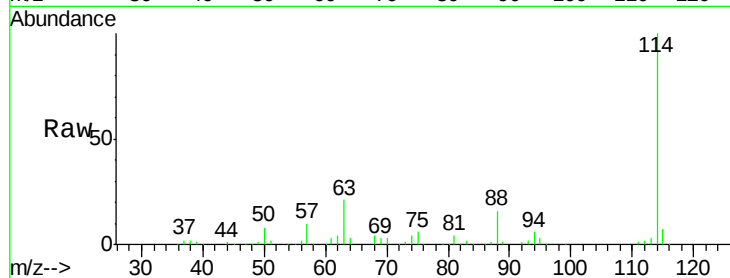
Tot Ion:114 Resp: 234153

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

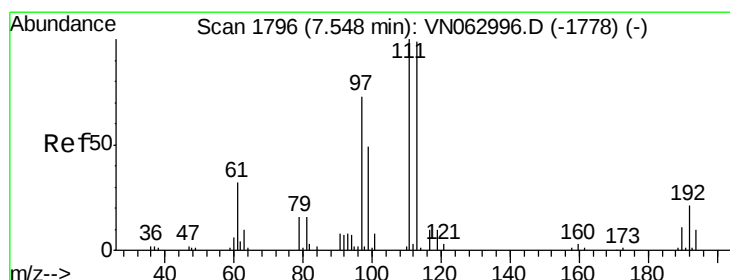
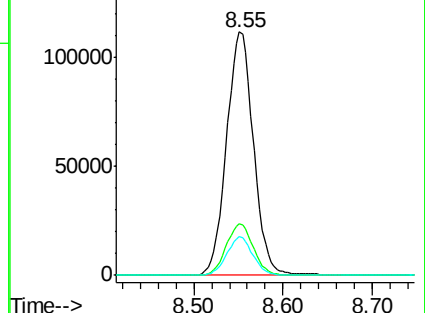
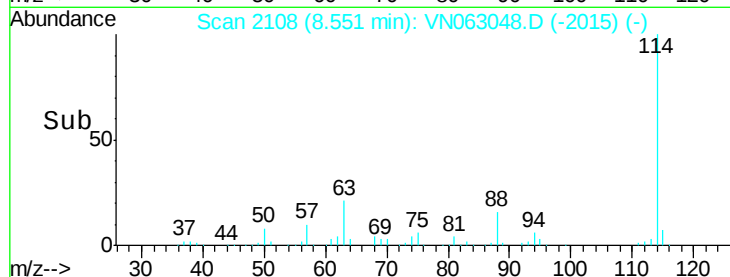
88 15.7 0.0 30.6



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: 53.153 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN063048.D

Acq: 20 Aug 2020 21:14

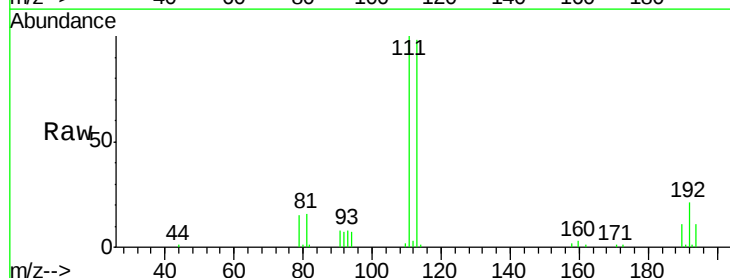
Tgt Ion:113 Resp: 81098

Ion Ratio Lower Upper

113 100

111 101.2 81.7 122.5

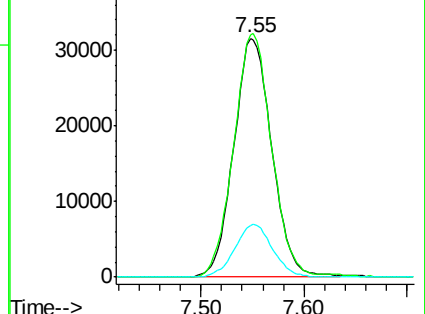
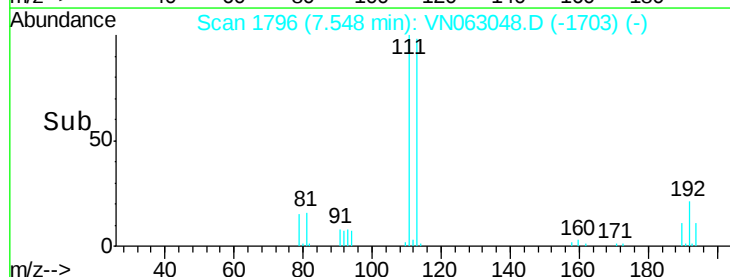
192 21.7 17.5 26.3

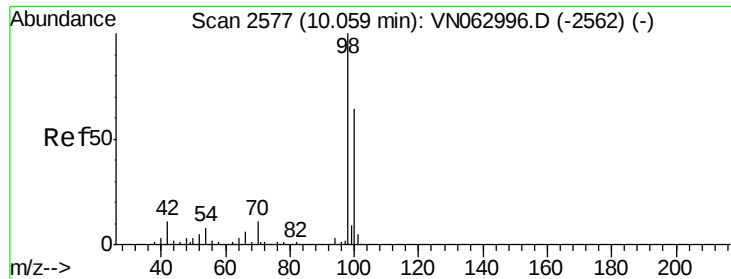


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.758 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063048.D

Acq: 20 Aug 2020 21:14

Instrument :

MSVOA_N

ClientSampleId :

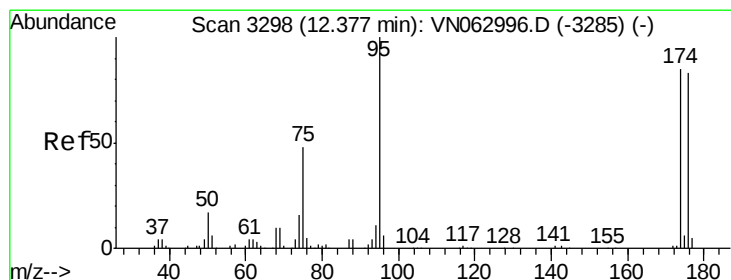
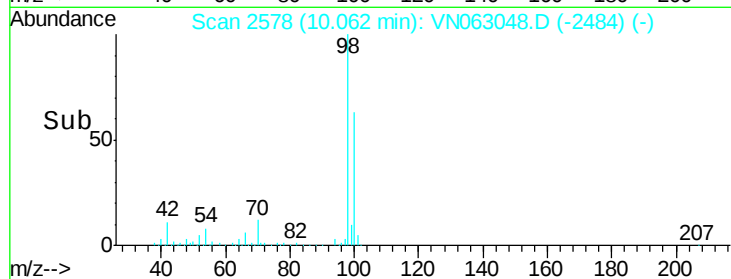
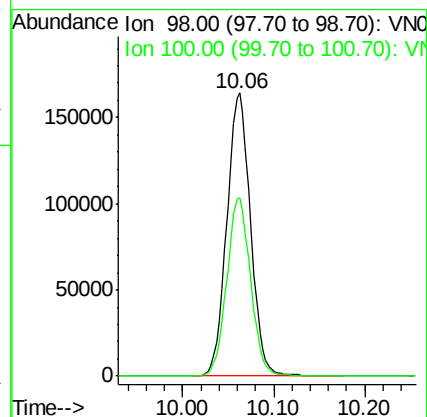
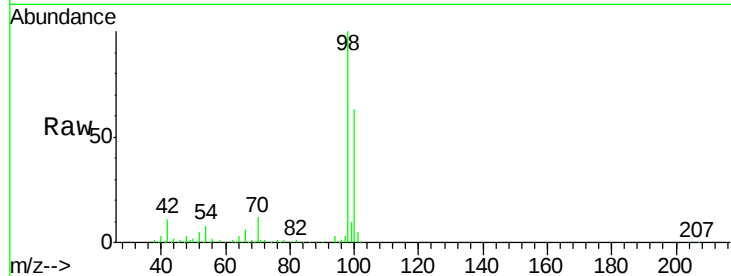
TT-TB-20200814

Tot Ion: 98 Resp: 297463

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.014 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063048.D

Acq: 20 Aug 2020 21:14

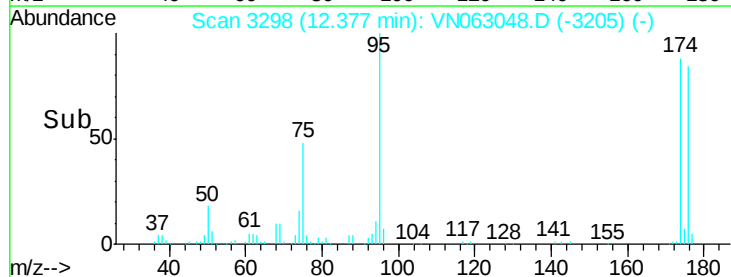
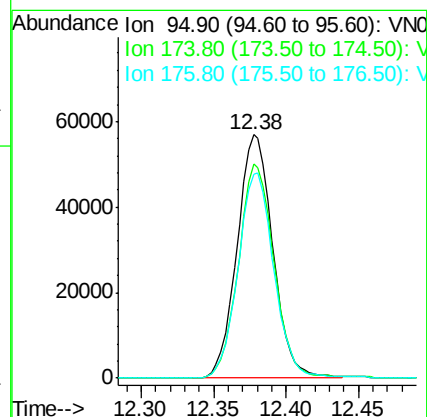
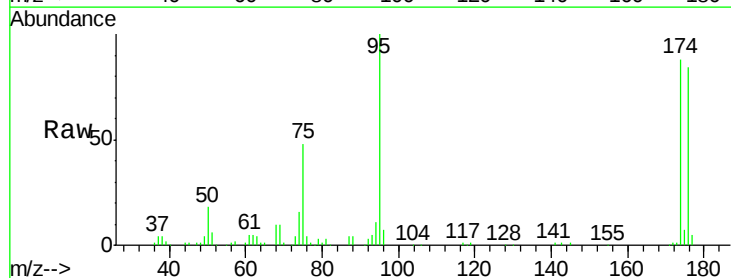
Tgt Ion: 95 Resp: 97228

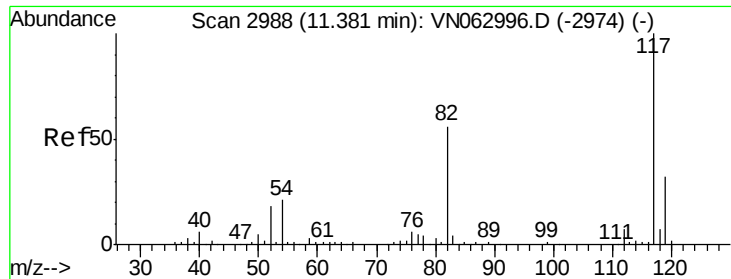
Ion Ratio Lower Upper

95 100

174 88.2 0.0 170.8

176 85.0 0.0 164.8

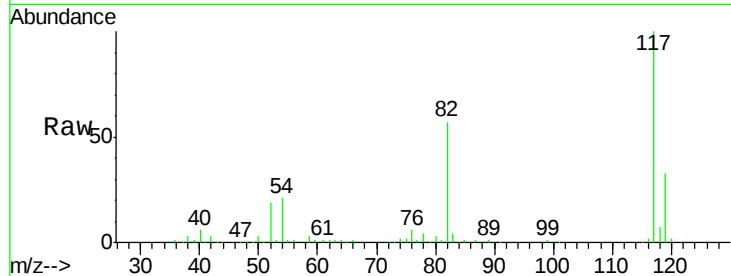




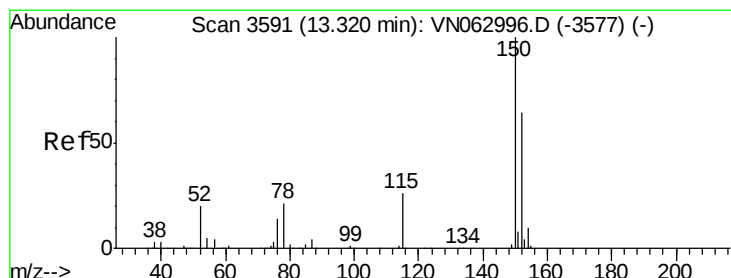
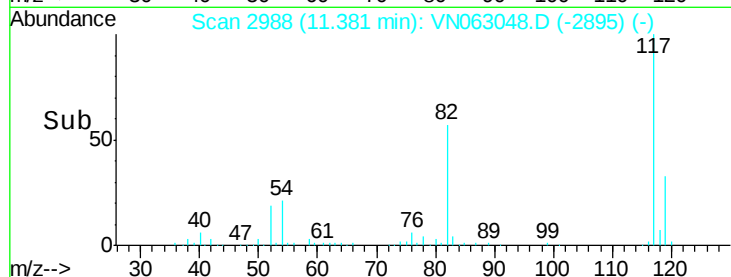
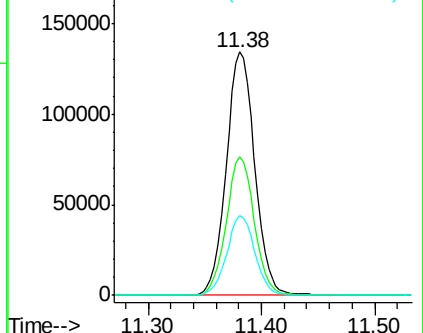
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063048.D
Acq: 20 Aug 2020 21:14

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20200814

Tot Ion:117 Resp: 235020
Ion Ratio Lower Upper
117 100
82 57.0 44.5 66.7
119 32.9 25.5 38.3

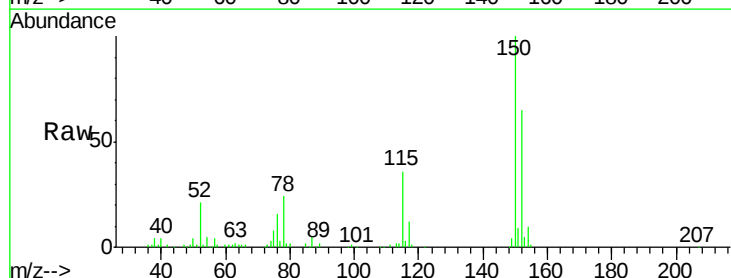


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063048.D
Acq: 20 Aug 2020 21:14

Tgt Ion:152 Resp: 85788
Ion Ratio Lower Upper
152 100
115 57.1 28.7 86.3
150 158.4 0.0 348.8



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

