

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059539.D
 Acq On : 10 Dec 2019 12:02
 Operator : JC/SP
 Sample : VN1210WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBL01

Quant Time: Dec 11 06:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	251384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	403513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	436177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	142904	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	177623	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.57	113	127670	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.08	98	541326	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
62) 4-Bromofluorobenzene	12.40	95	202444	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	

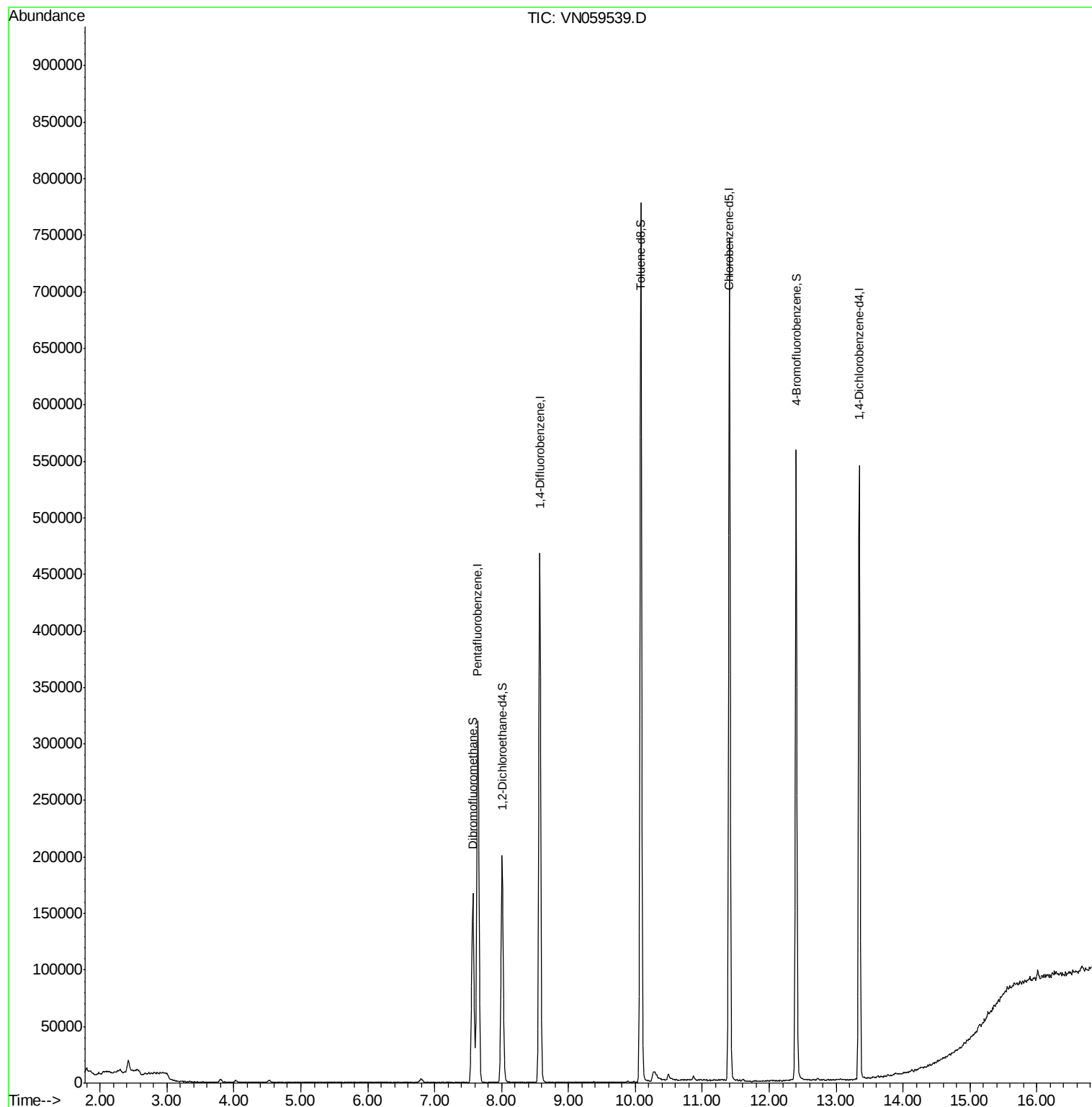
Target Compounds	Qvalue

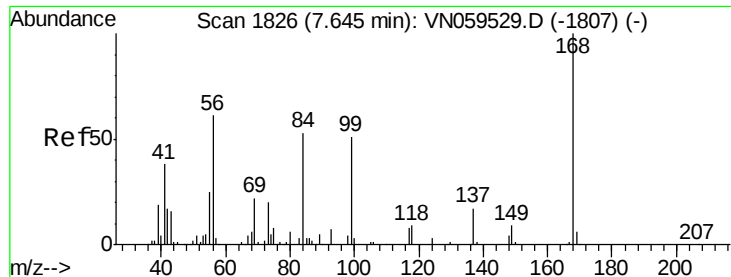
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059539.D

Acq: 10 Dec 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

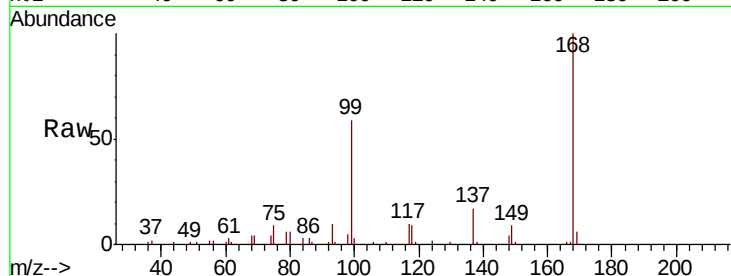
VN1210WBL01

Tot Ion:168 Resp: 251384

Ion Ratio Lower Upper

168 100

99 59.2 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

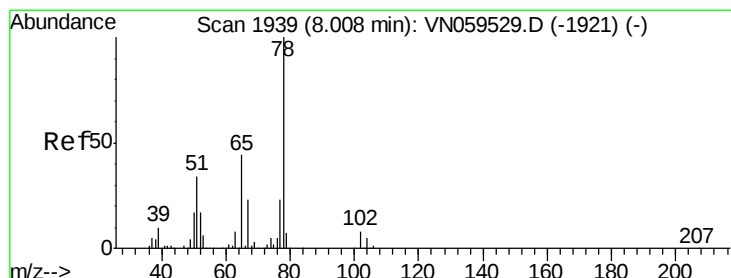
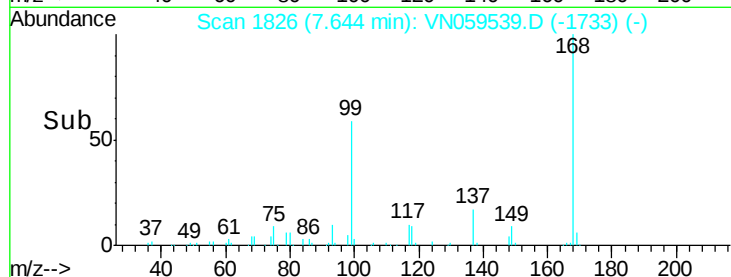
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.556 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059539.D

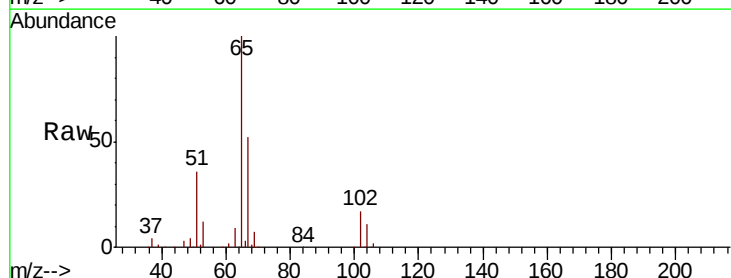
Acq: 10 Dec 2019 12:02

Tgt Ion: 65 Resp: 177623

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

80000

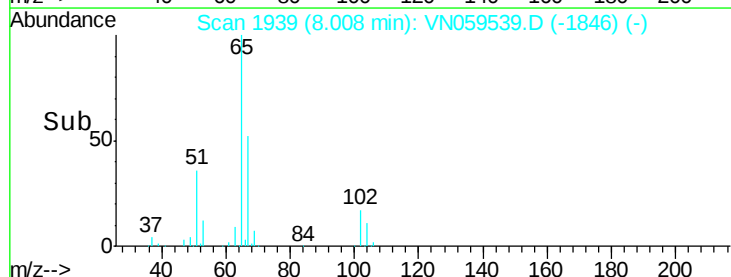
60000

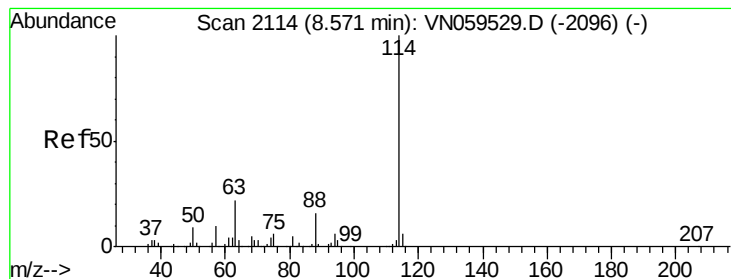
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059539.D

Acq: 10 Dec 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBL01

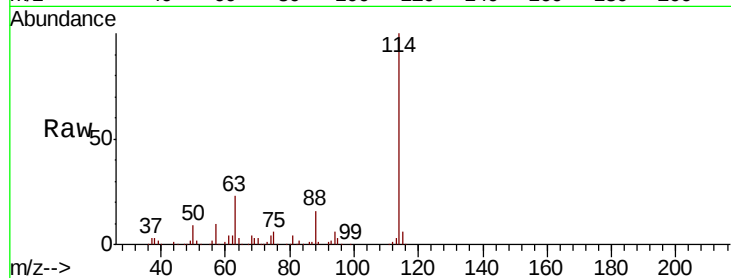
Tot Ion:114 Resp: 403513

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

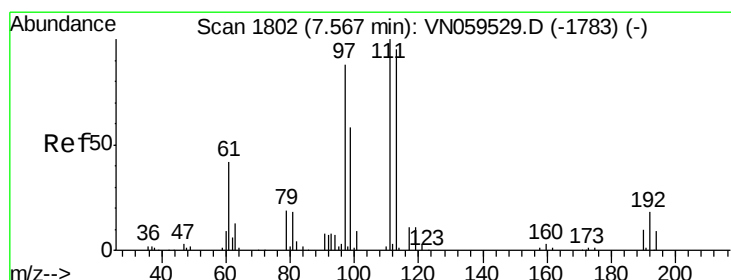
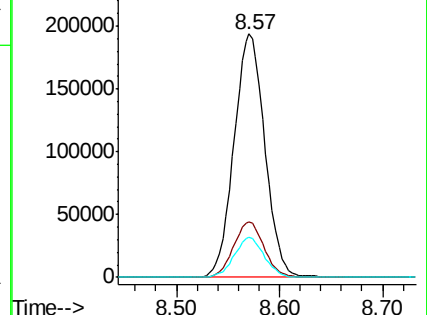
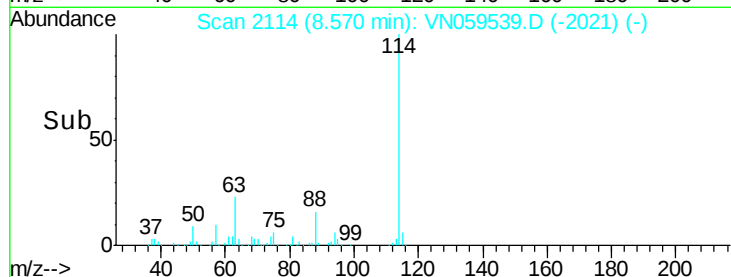
88 16.4 0.0 32.2



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: 53.020 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059539.D

Acq: 10 Dec 2019 12:02

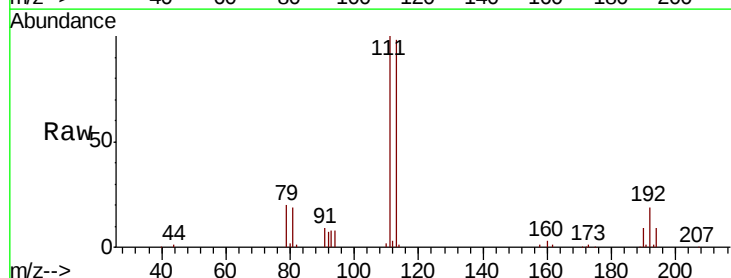
Tgt Ion:113 Resp: 127670

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

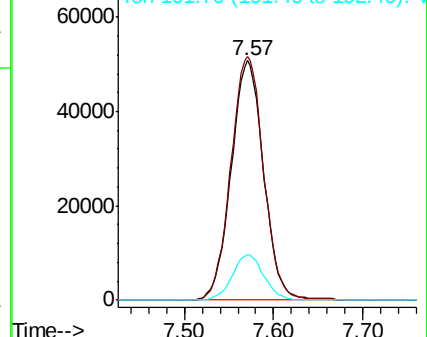
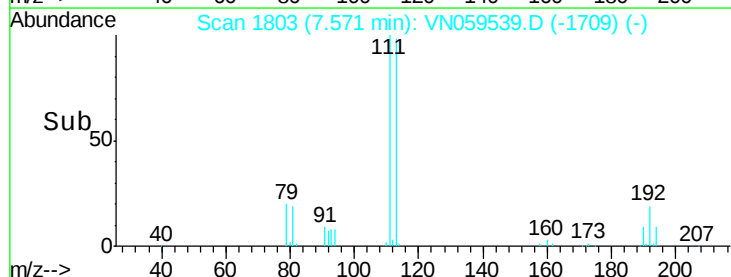
192 18.3 14.8 22.2

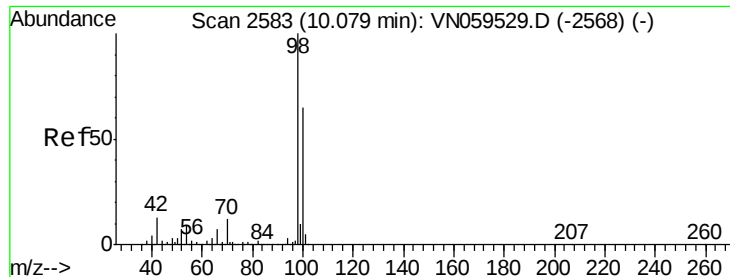


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.066 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059539.D

Acq: 10 Dec 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

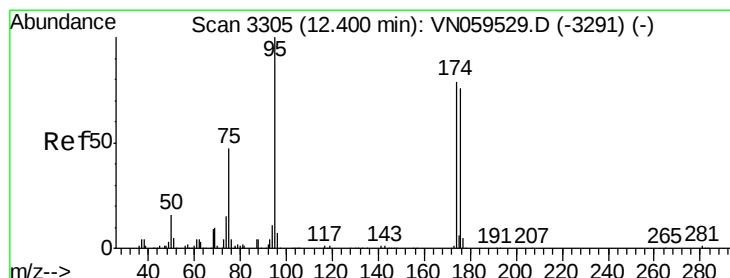
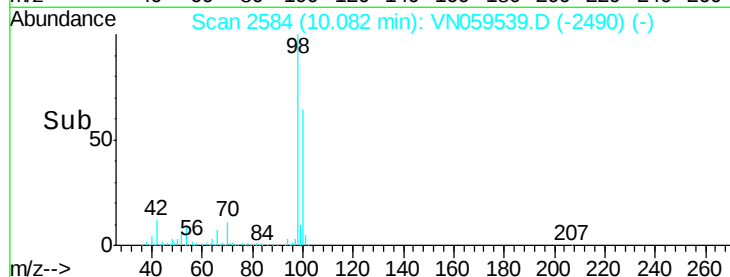
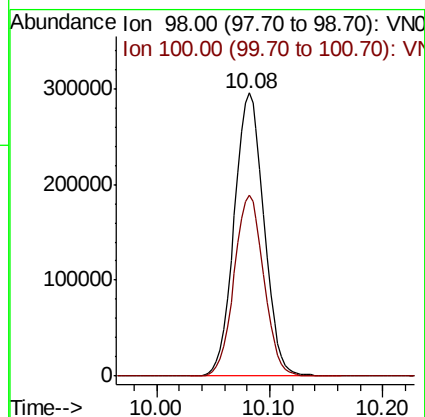
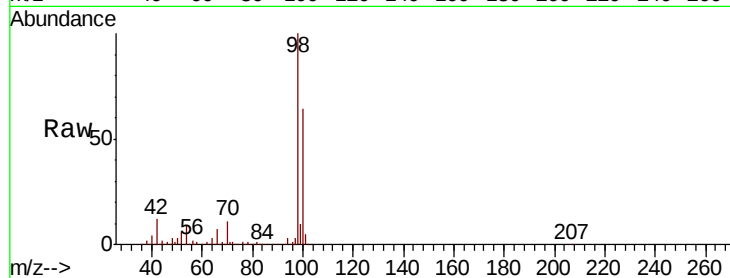
VN1210WBL01

Tot Ion: 98 Resp: 541326

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 55.633 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059539.D

Acq: 10 Dec 2019 12:02

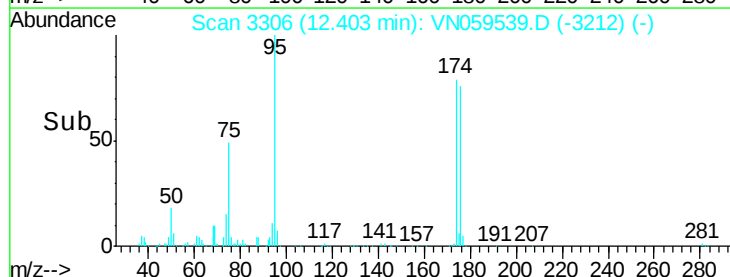
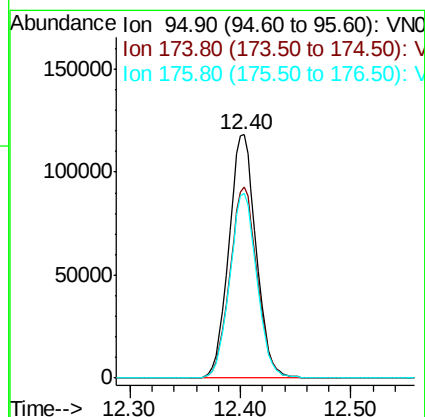
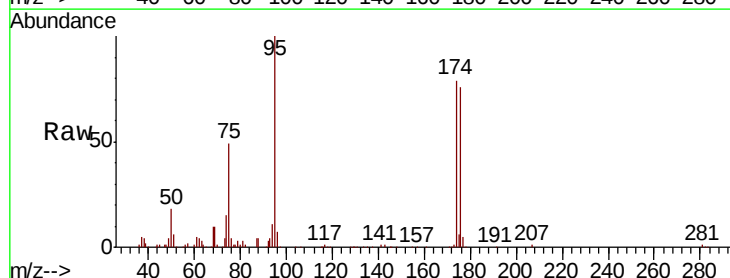
Tgt Ion: 95 Resp: 202444

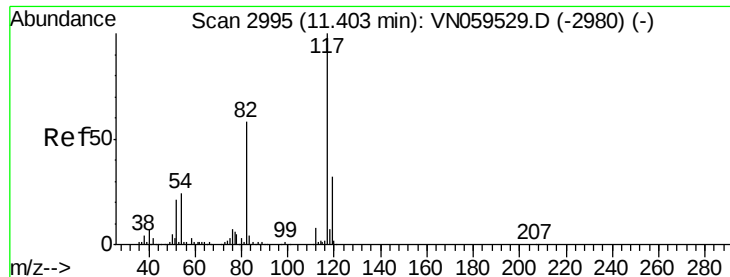
Ion Ratio Lower Upper

95 100

174 78.7 0.0 158.0

176 75.5 0.0 155.4

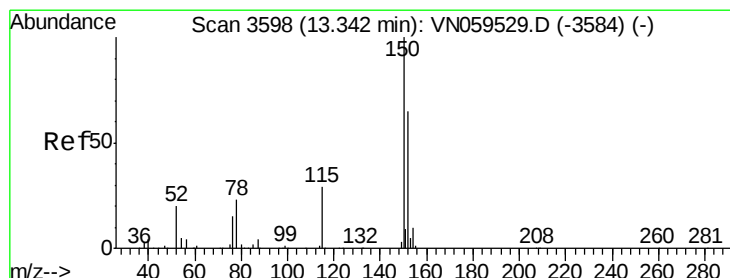
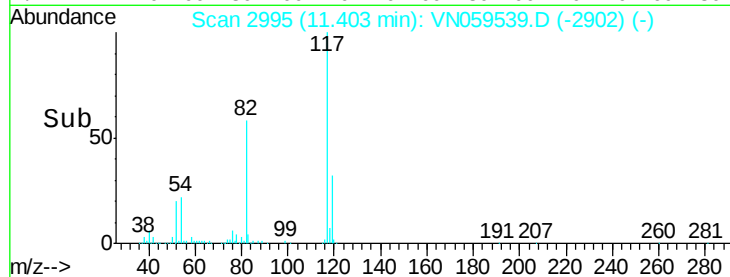
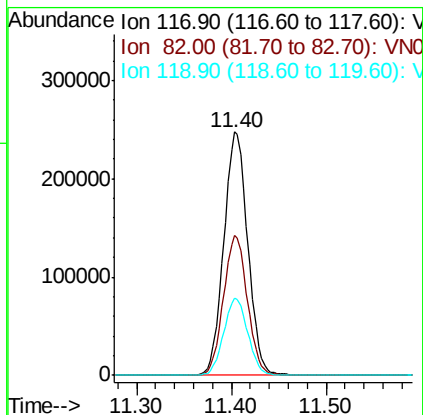
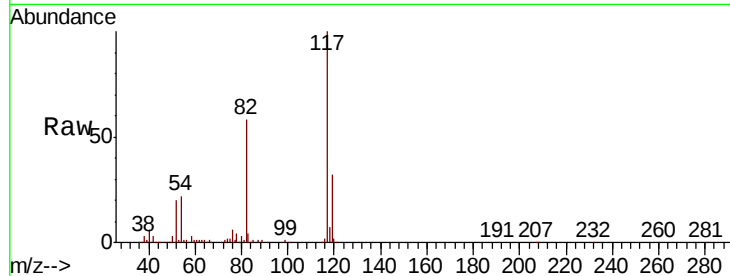




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059539.D
Acq: 10 Dec 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL01

Tot Ion:117 Resp: 436177
Ion Ratio Lower Upper
117 100
82 57.5 46.5 69.7
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059539.D
Acq: 10 Dec 2019 12:02

Tgt Ion:152 Resp: 142904
Ion Ratio Lower Upper
152 100
115 60.7 29.4 88.2
150 158.5 0.0 342.4

