

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059438.D
 Acq On : 29 Nov 2019 11:20
 Operator : JC/SP
 Sample : VN1129WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBL01

Quant Time: Nov 29 23:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	350745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	535806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	455278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	165606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	200093	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.57	113	163768	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.08	98	645132	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	200654	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

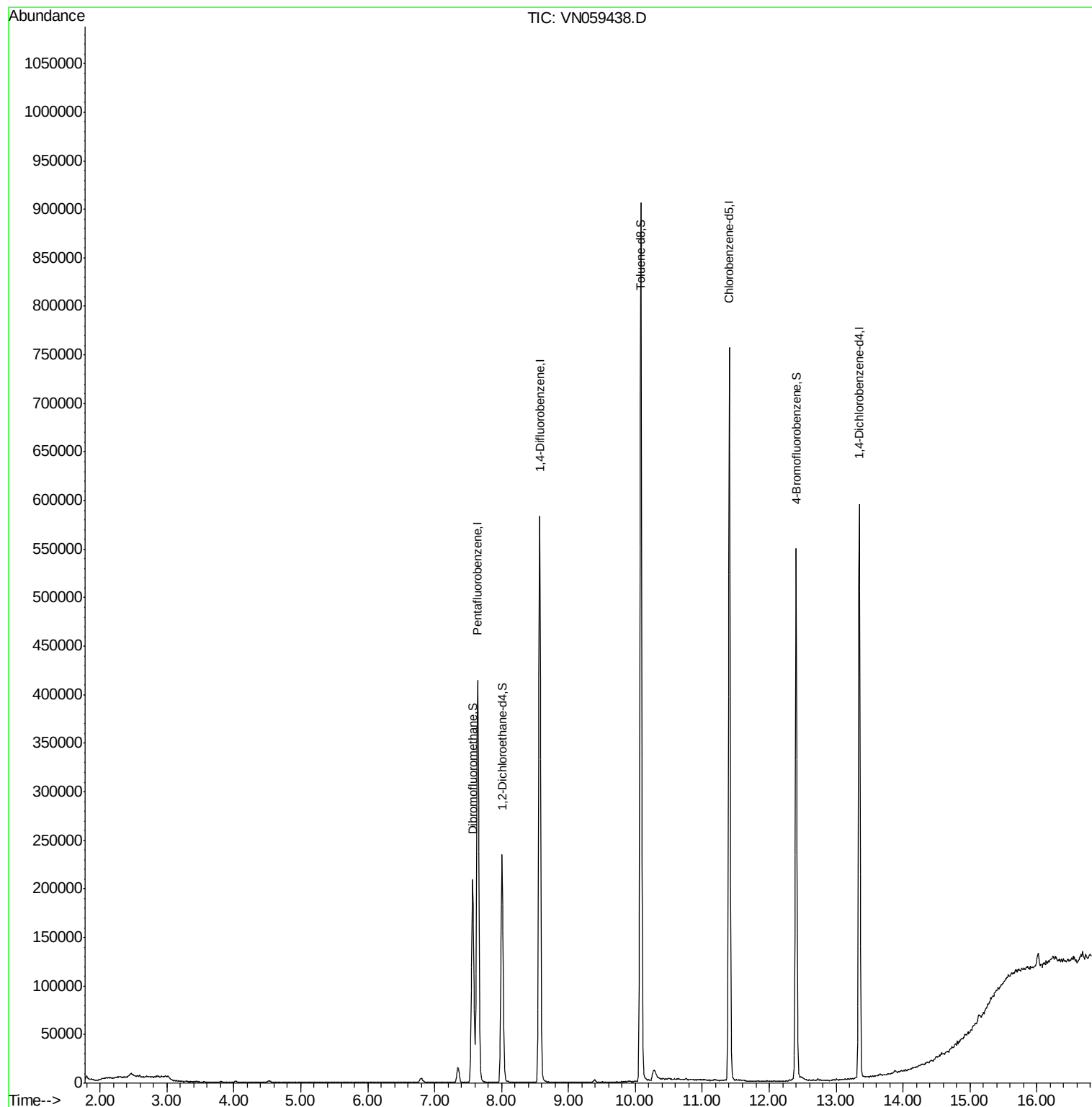
Target Compounds	Qvalue

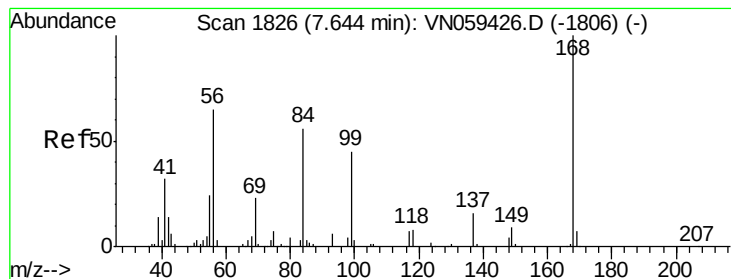
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 16:56:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059438.D

Acq: 29 Nov 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

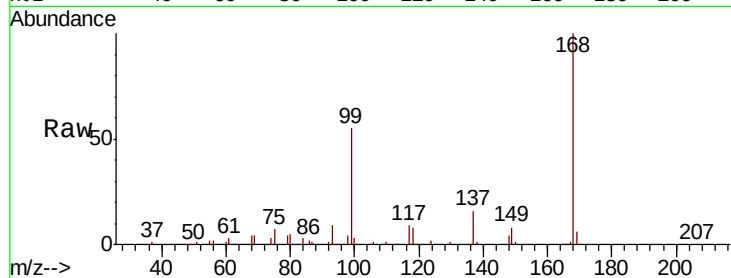
VN1129WBL01

Tot Ion:168 Resp: 350745

Ion Ratio Lower Upper

168 100

99 54.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

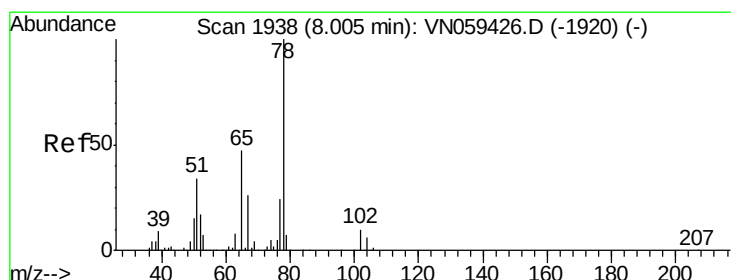
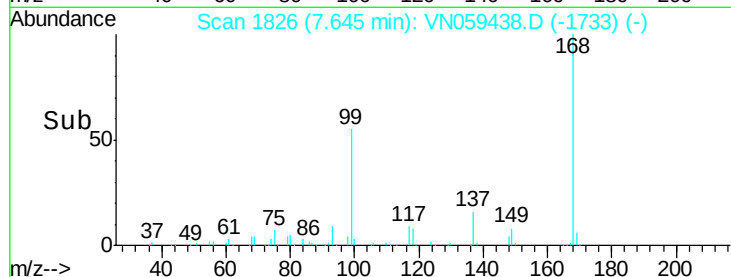
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.701 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059438.D

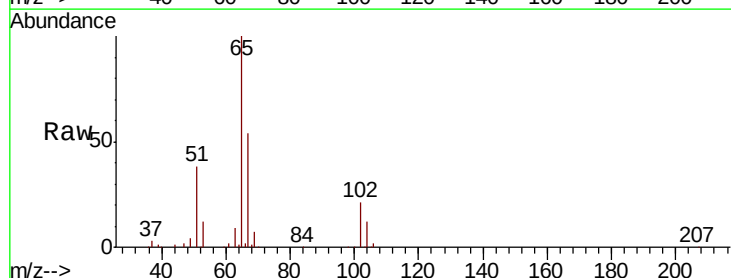
Acq: 29 Nov 2019 11:20

Tgt Ion: 65 Resp: 200093

Ion Ratio Lower Upper

65 100

67 54.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

100000

80000

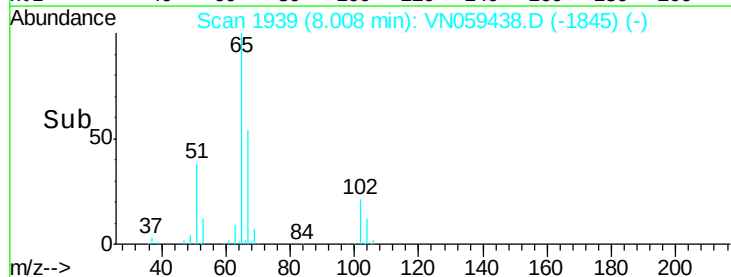
60000

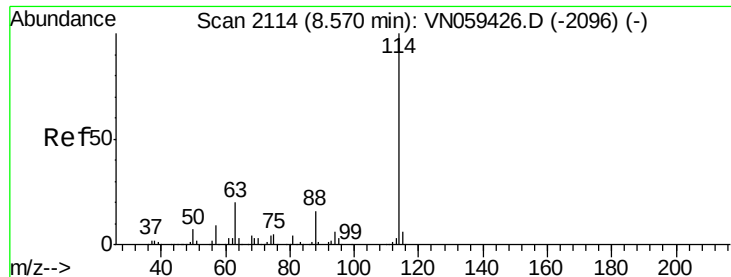
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059438.D

Acq: 29 Nov 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBL01

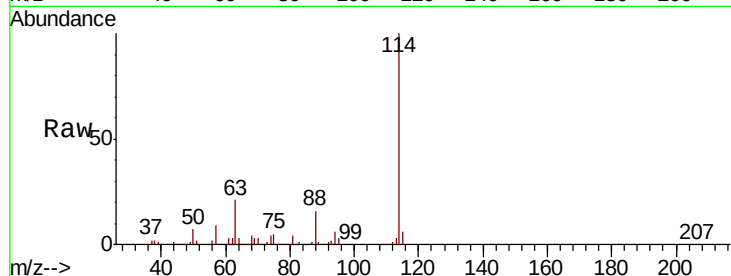
Tot Ion:114 Resp: 535806

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

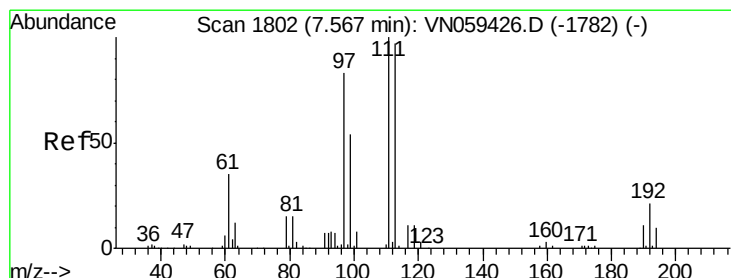
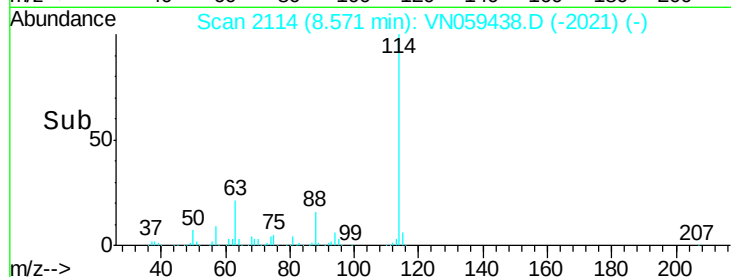
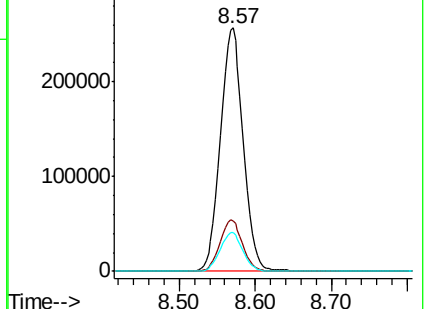
88 15.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.179 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059438.D

Acq: 29 Nov 2019 11:20

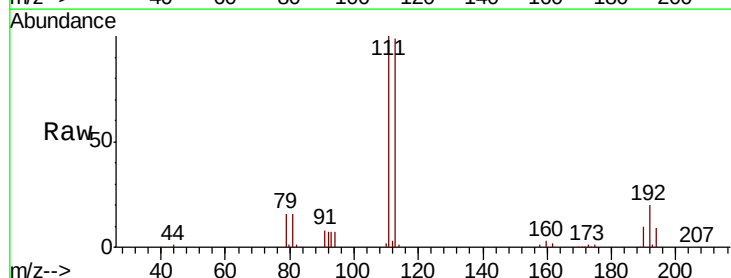
Tgt Ion:113 Resp: 163768

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

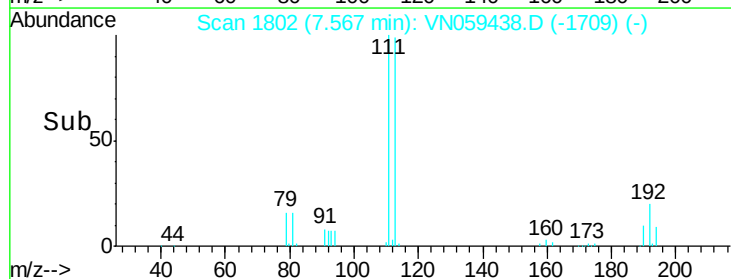
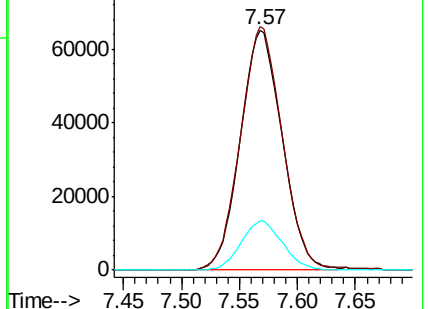
192 20.2 16.6 24.8

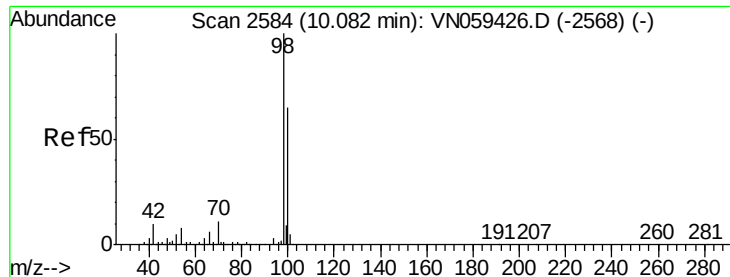


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.609 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

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Acq: 29 Nov 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

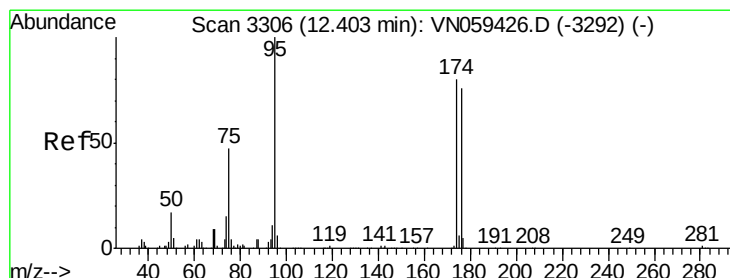
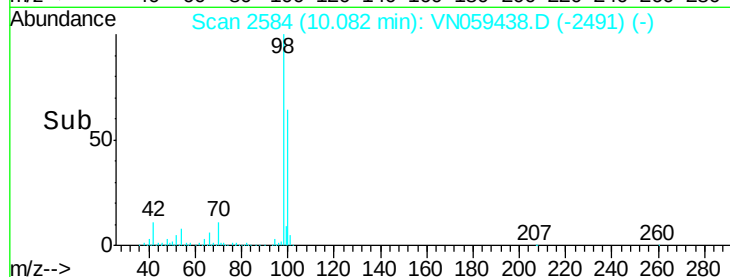
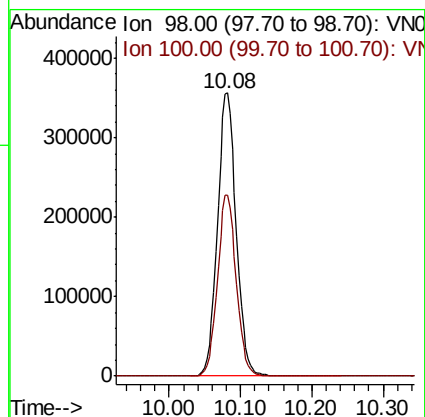
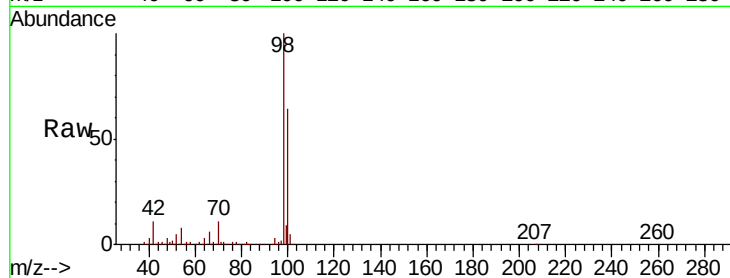
VN1129WBL01

Tot Ion: 98 Resp: 645132

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.315 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059438.D

Acq: 29 Nov 2019 11:20

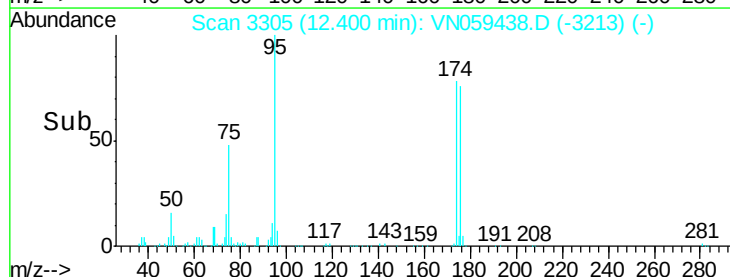
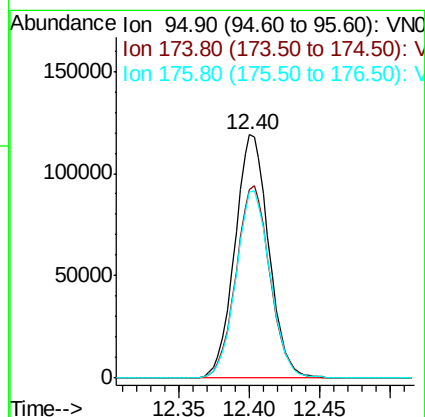
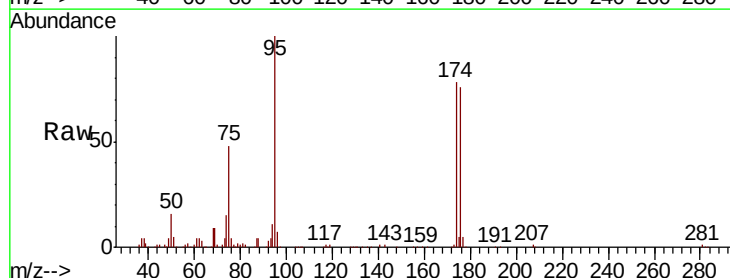
Tgt Ion: 95 Resp: 200654

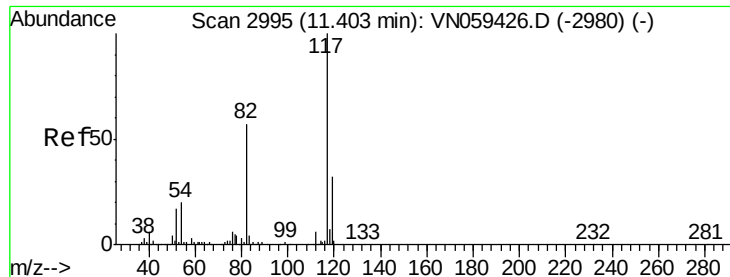
Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.0

176 77.7 0.0 153.0

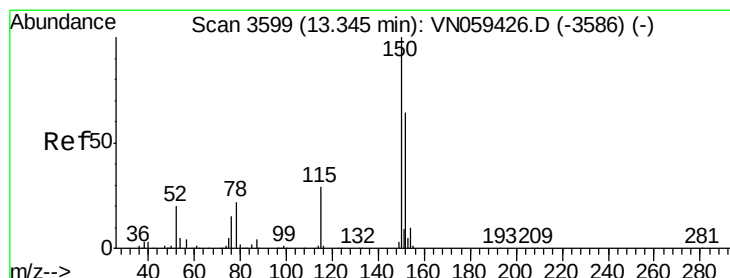
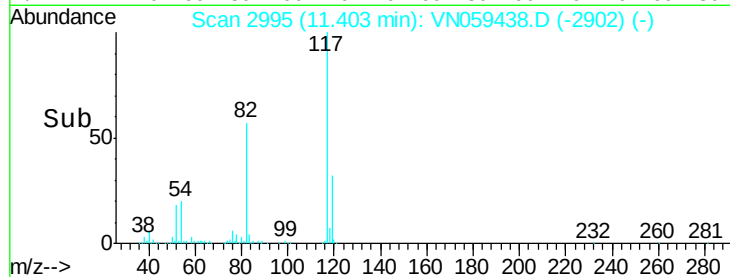
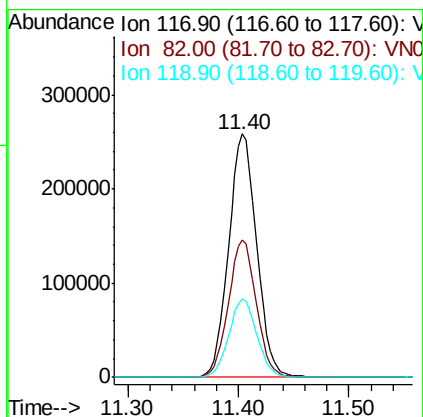
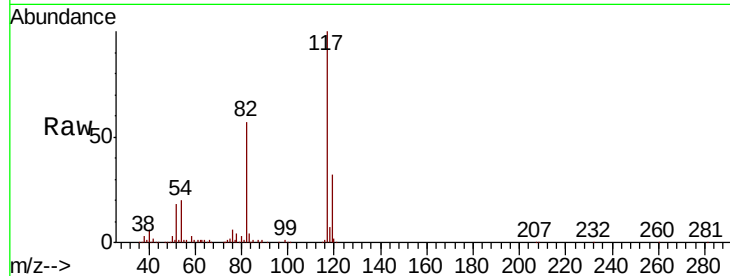




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059438.D
Acq: 29 Nov 2019 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

Tot Ion:117 Resp: 455278
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059438.D
Acq: 29 Nov 2019 11:20

Tgt Ion:152 Resp: 165606
Ion Ratio Lower Upper
152 100
115 60.1 29.5 88.6
150 159.9 0.0 347.2

