

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059329.D
 Acq On : 21 Nov 2019 12:44
 Operator : JC/SP
 Sample : VN1121WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBL01

Quant Time: Nov 22 06:17:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	408859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	632495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	530655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	184288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	234281	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	7.57	113	187527	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.08	98	756214	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	230968	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

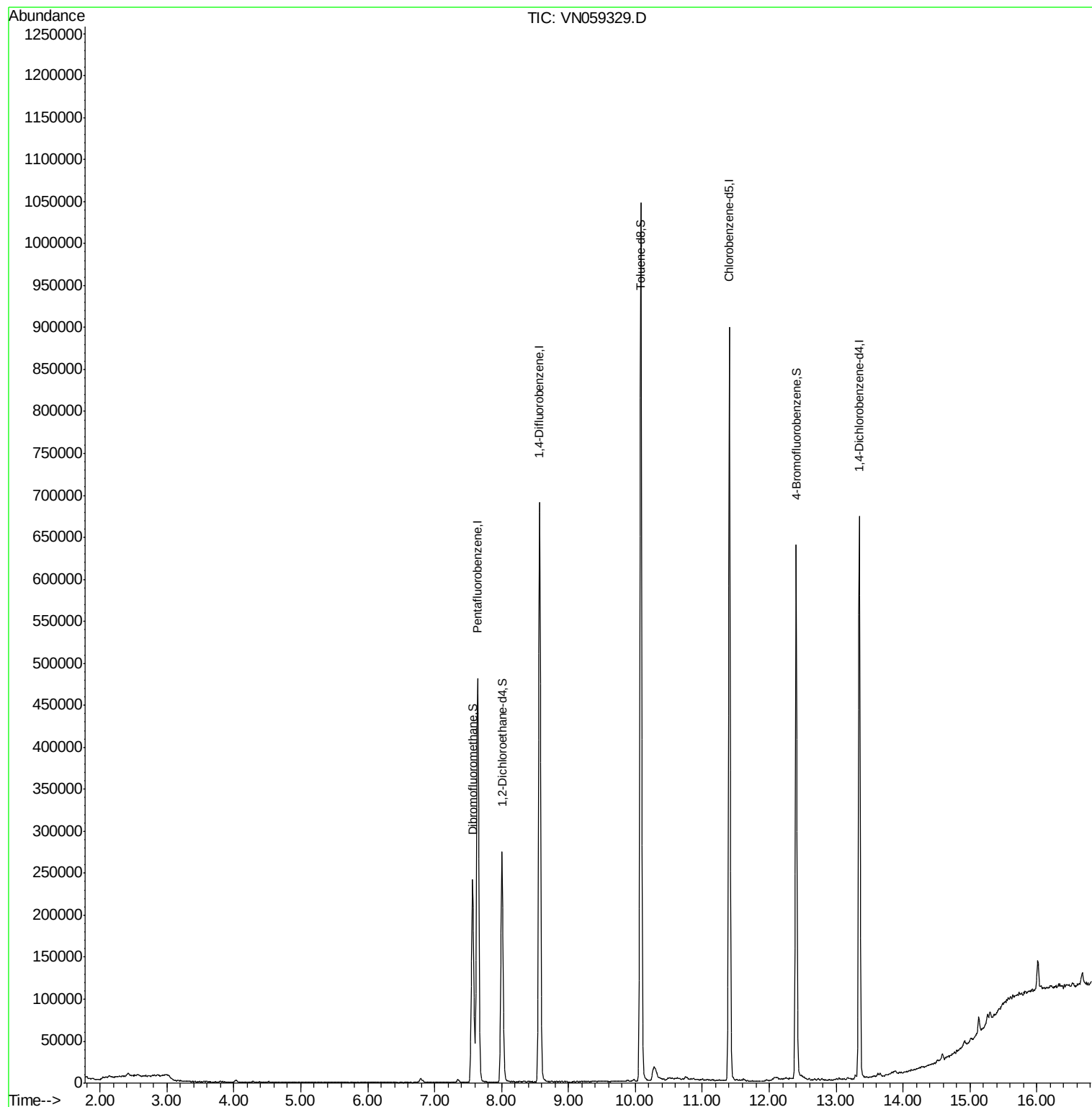
Target Compounds	Qvalue

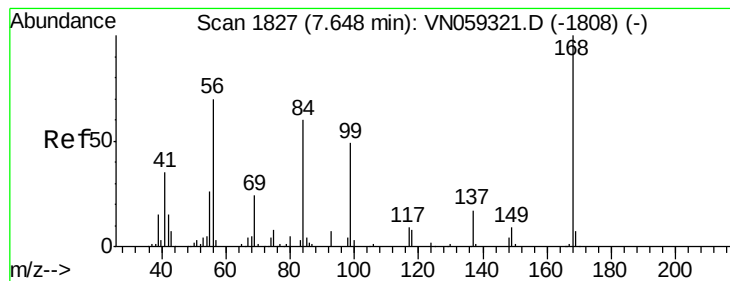
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059329.D

Acq: 21 Nov 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

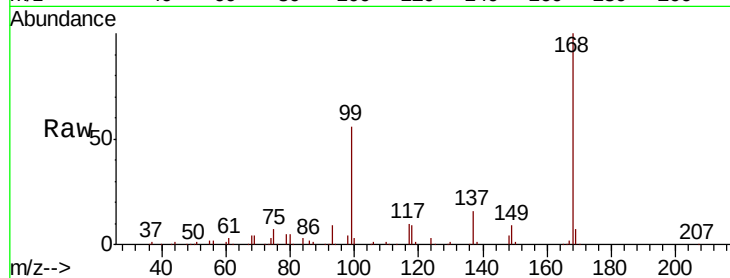
VN1121WBL01

Tot Ion:168 Resp: 408859

Ion Ratio Lower Upper

168 100

99 56.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

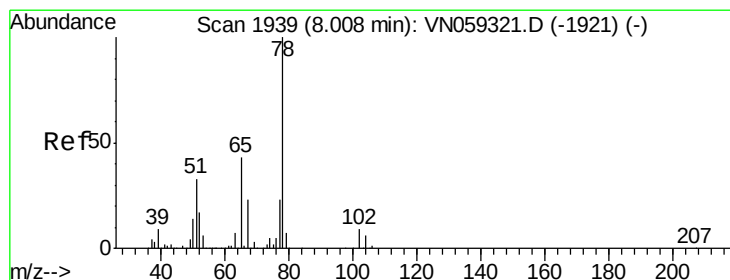
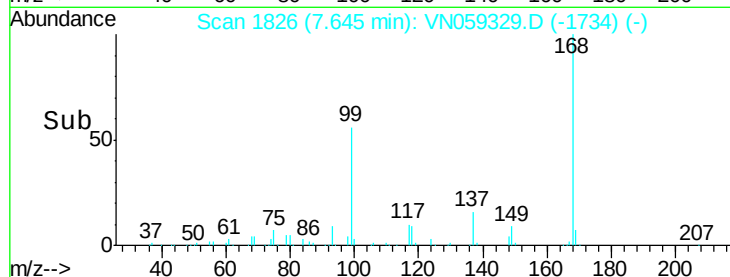
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.757 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059329.D

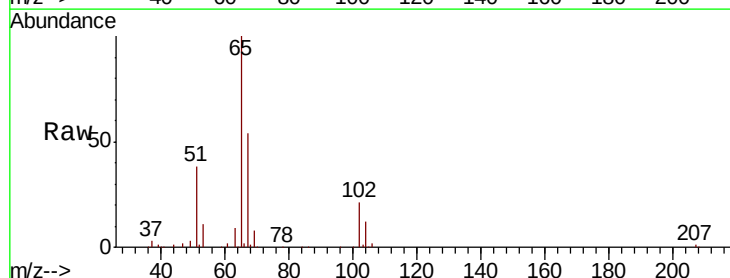
Acq: 21 Nov 2019 12:44

Tgt Ion: 65 Resp: 234281

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

120000

100000

80000

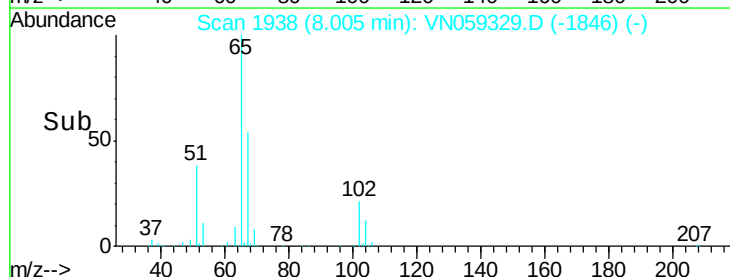
60000

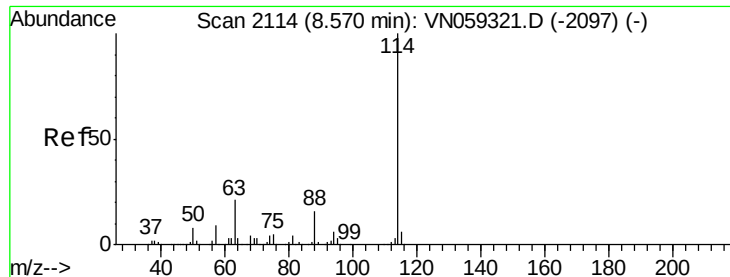
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059329.D

Acq: 21 Nov 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBL01

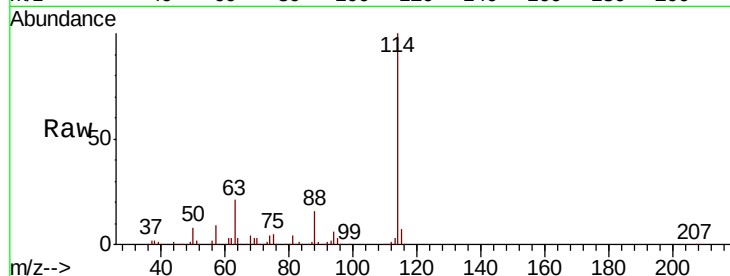
Tot Ion:114 Resp: 632495

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

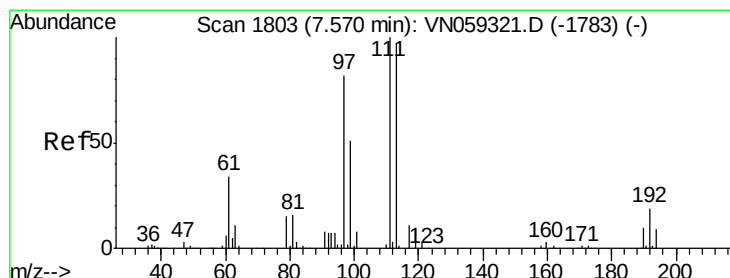
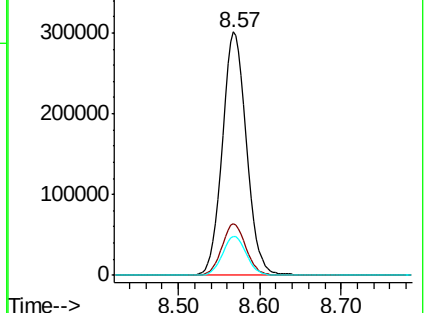
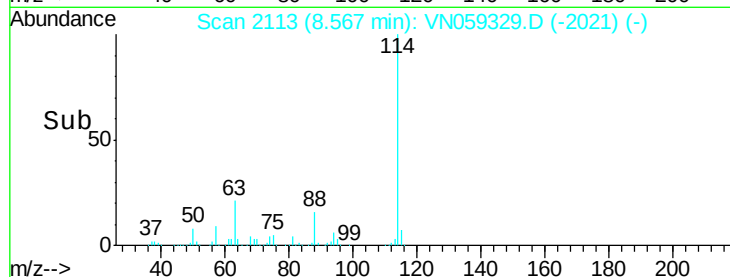
88 16.0 0.0 32.2



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: 49.419 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059329.D

Acq: 21 Nov 2019 12:44

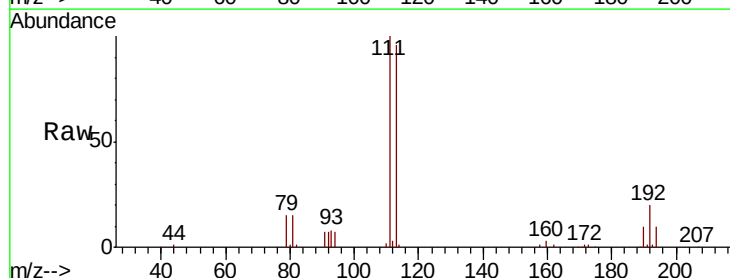
Tgt Ion:113 Resp: 187527

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

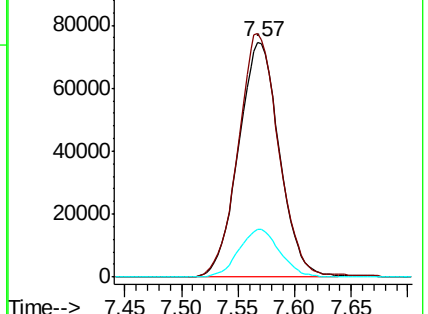
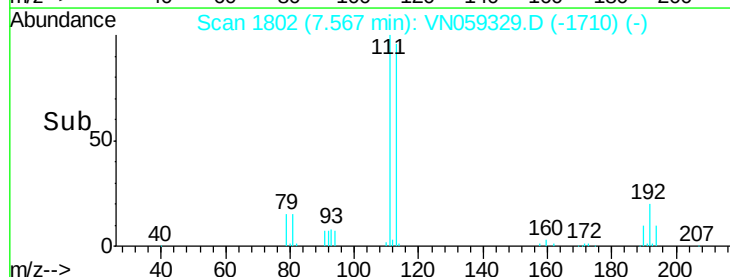
192 20.4 16.3 24.5

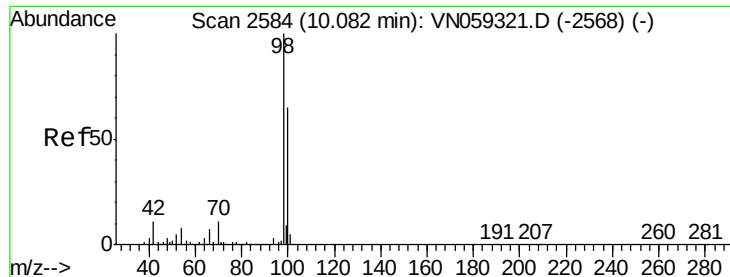


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.129 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059329.D

Acq: 21 Nov 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

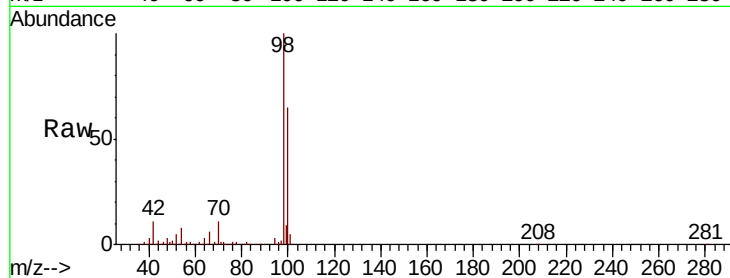
VN1121WBL01

Tot Ion: 98 Resp: 756214

Ion Ratio Lower Upper

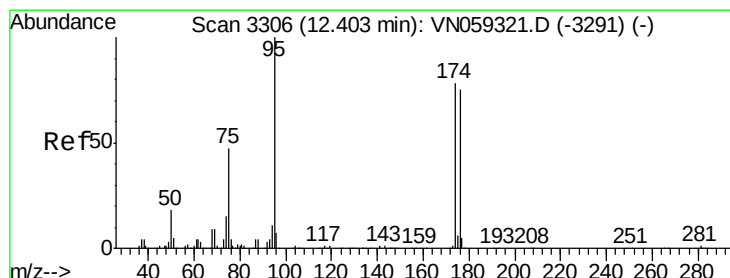
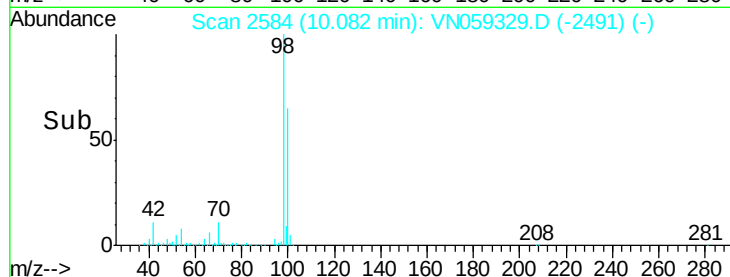
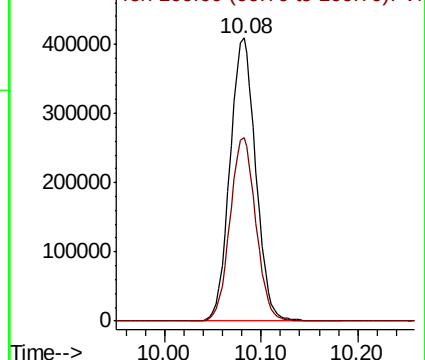
98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.788 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059329.D

Acq: 21 Nov 2019 12:44

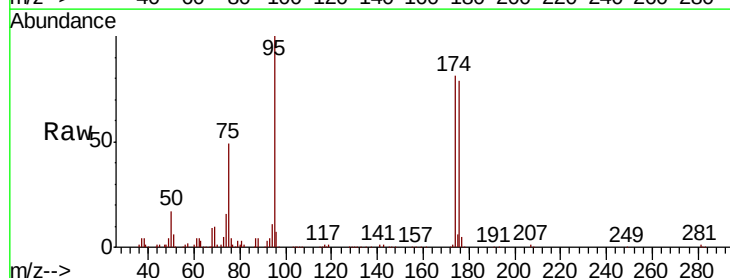
Tgt Ion: 95 Resp: 230968

Ion Ratio Lower Upper

95 100

174 79.9 0.0 157.4

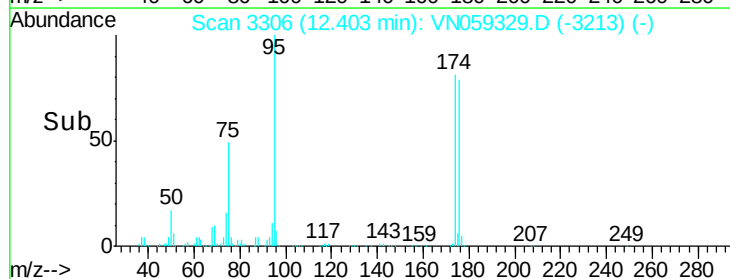
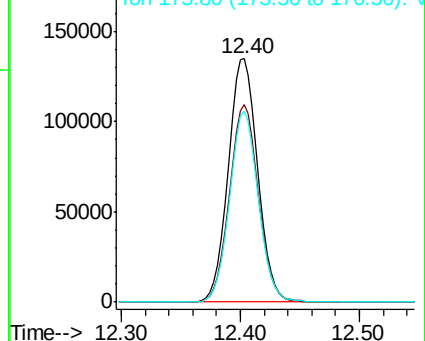
176 76.5 0.0 151.2

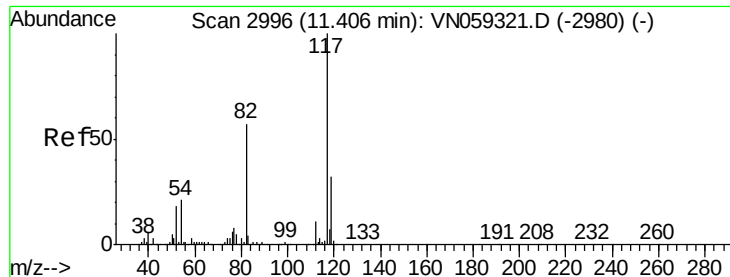


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

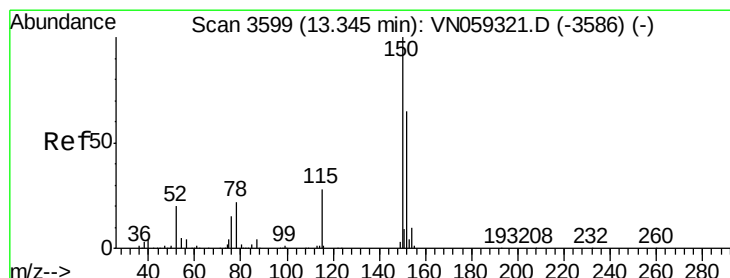
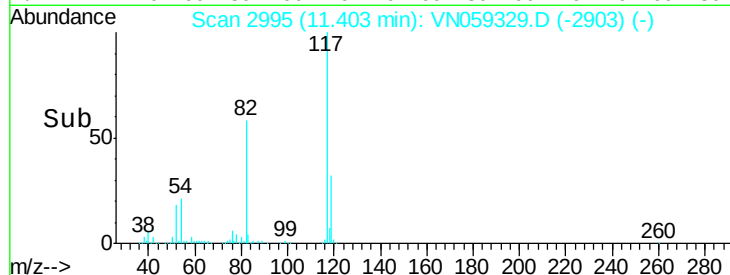
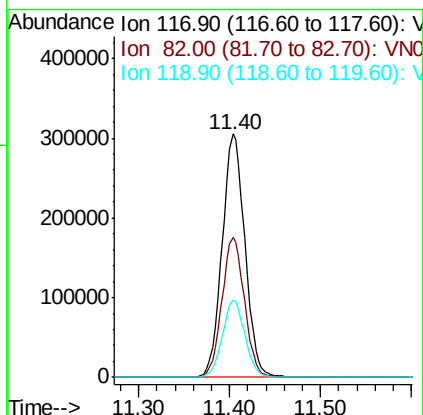
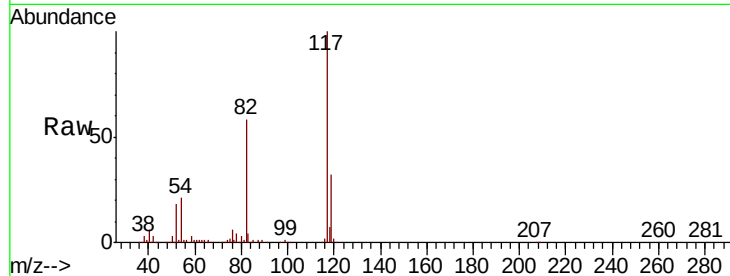




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059329.D
Acq: 21 Nov 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBL01

Tot Ion:117 Resp: 530655
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059329.D
Acq: 21 Nov 2019 12:44

Tgt Ion:152 Resp: 184288
Ion Ratio Lower Upper
152 100
115 60.6 29.3 88.0
150 158.7 0.0 346.0

