

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059075.D
 Acq On : 4 Nov 2019 10:42
 Operator : JC/SP
 Sample : VN1104WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBL01

Quant Time: Nov 05 02:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	457111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	719063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	623052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	301561	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	7.57	113	226819	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.08	98	884443	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	279682	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	

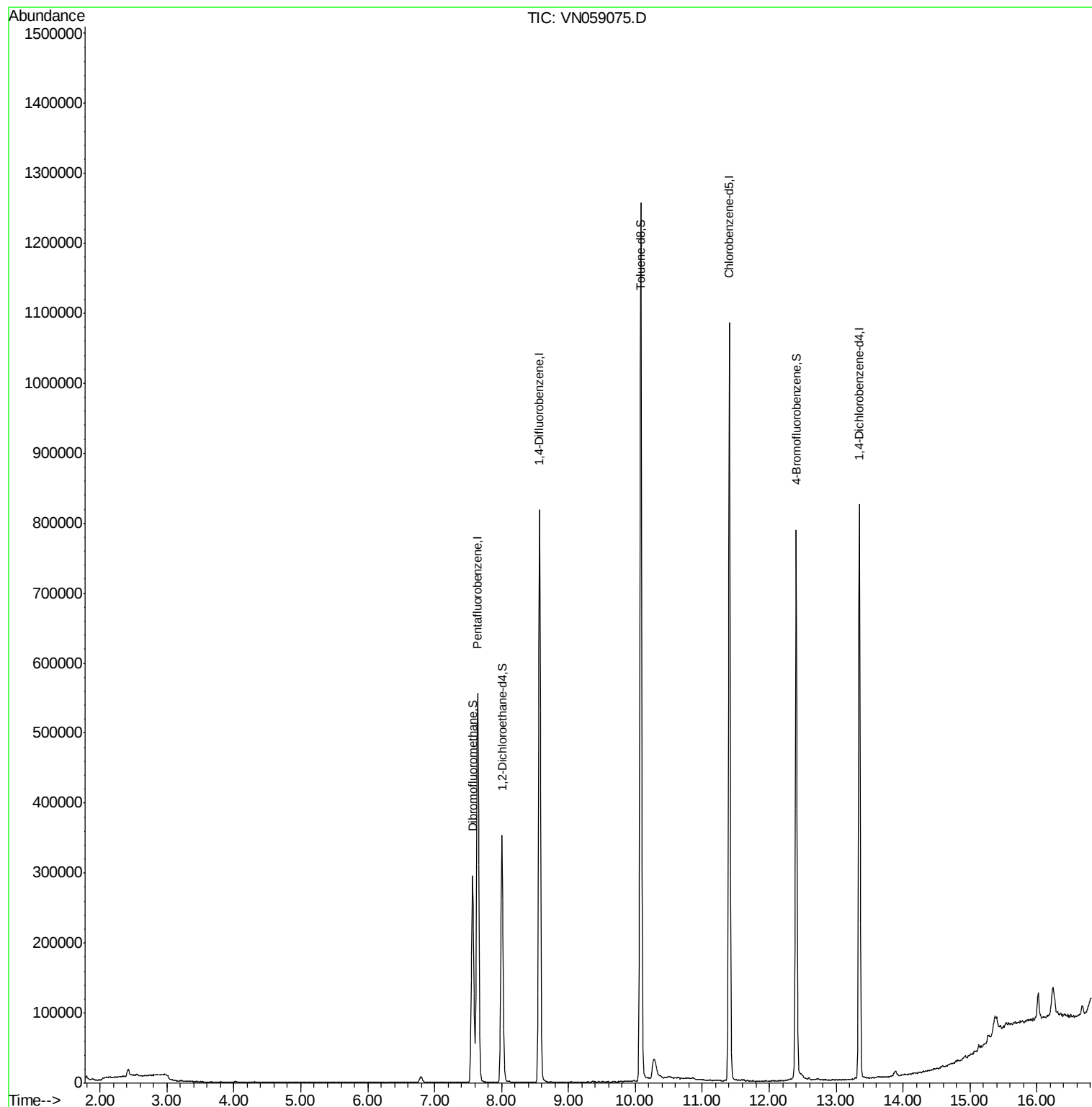
Target Compounds	Qvalue

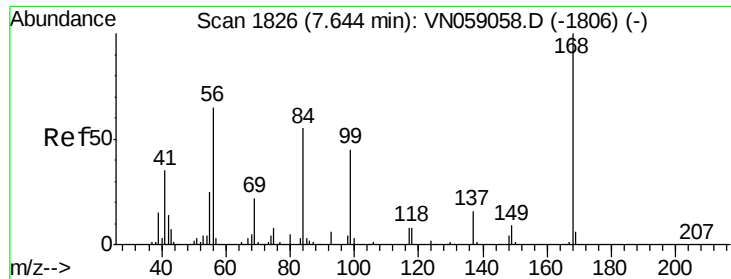
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 02 05:43:23 2019
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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: VN059075.D

Acq: 4 Nov 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

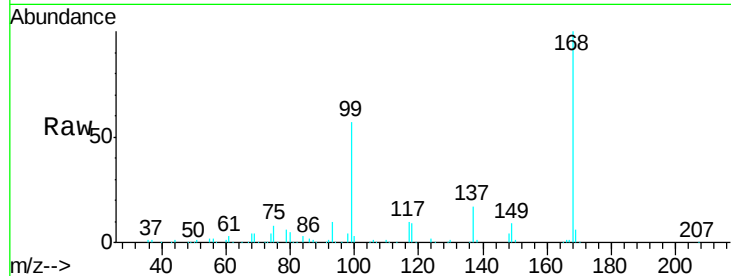
VN1104WBL01

Tgt Ion:168 Resp: 457111

Ion Ratio Lower Upper

168 100

99 57.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

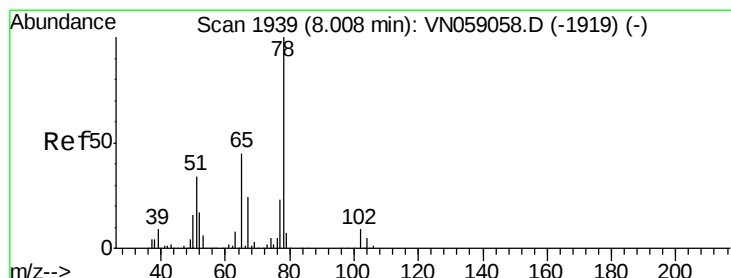
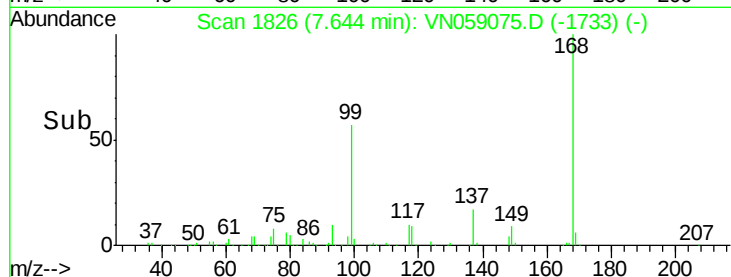
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059075.D

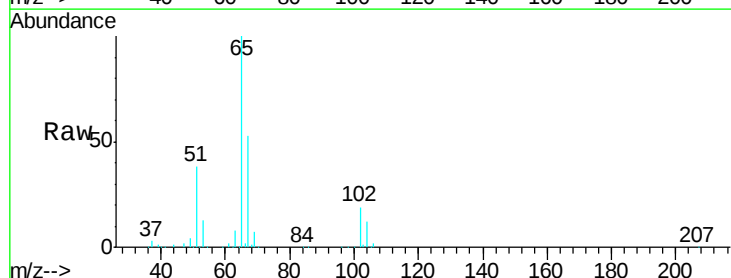
Acq: 4 Nov 2019 10:42

Tgt Ion: 65 Resp: 301561

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

150000

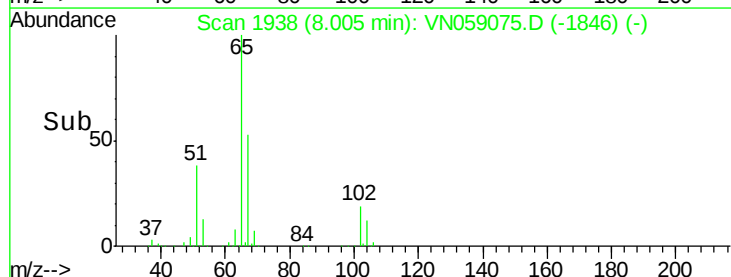
100000

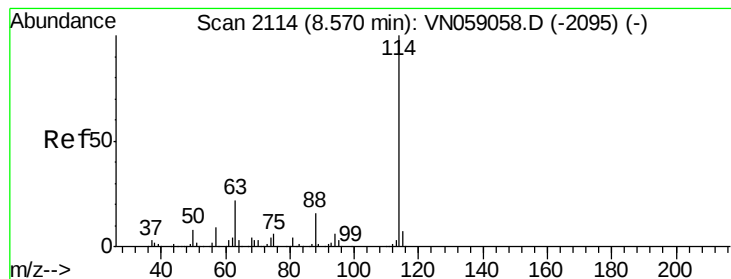
50000

0

7.90 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059075.D

Acq: 4 Nov 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBL01

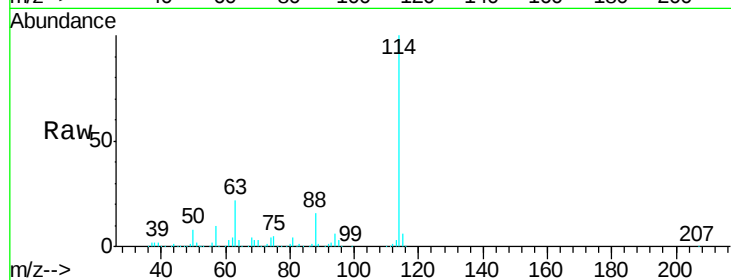
Tgt Ion:114 Resp: 719063

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

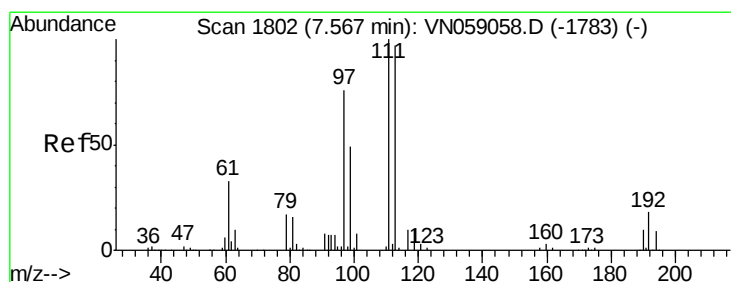
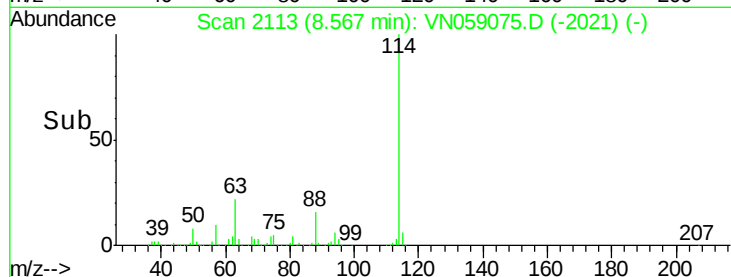
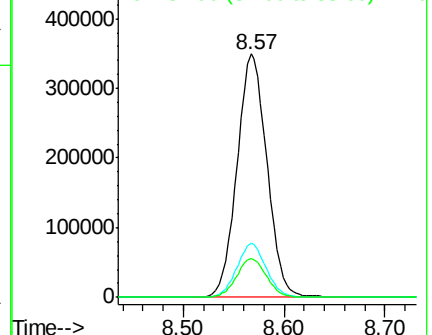
88 16.0 0.0 33.0



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: 48.896 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059075.D

Acq: 4 Nov 2019 10:42

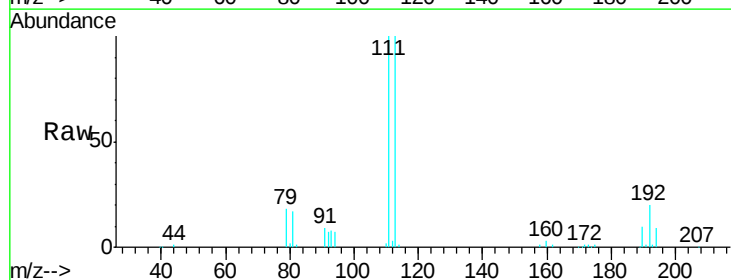
Tgt Ion:113 Resp: 226819

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

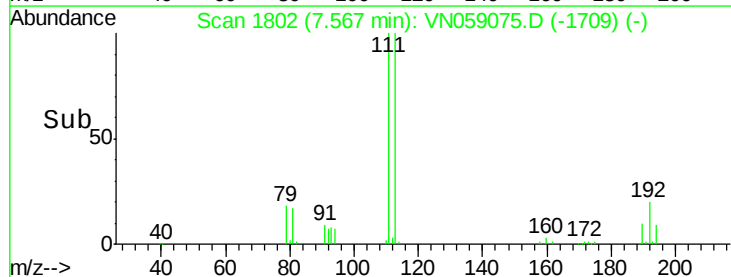
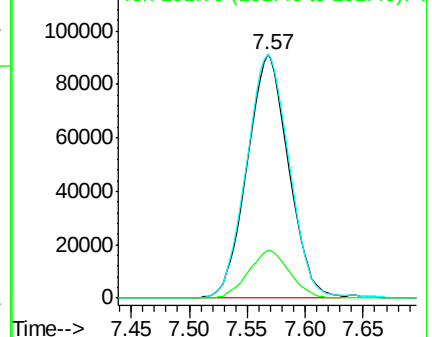
192 19.5 15.9 23.9

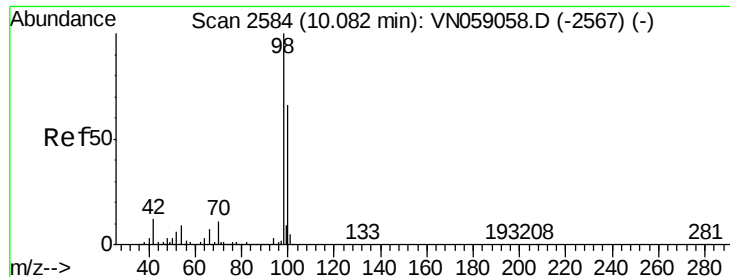


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.972 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059075.D

Acq: 4 Nov 2019 10:42

Instrument :

MSVOA_N

ClientSampled :

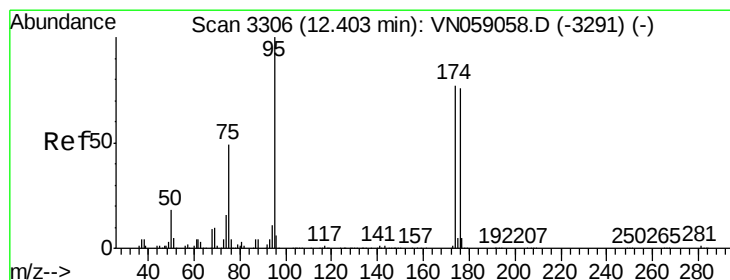
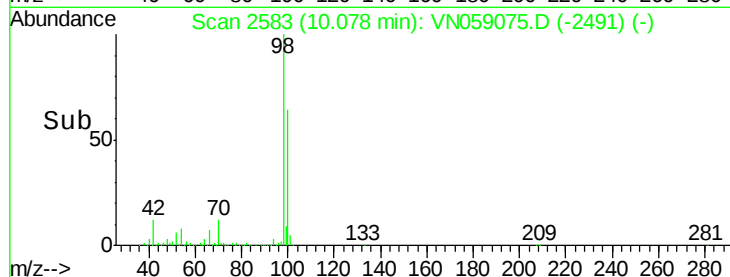
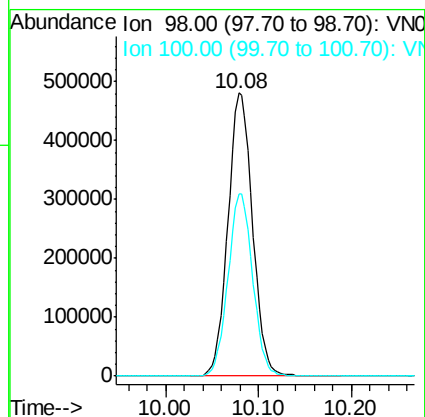
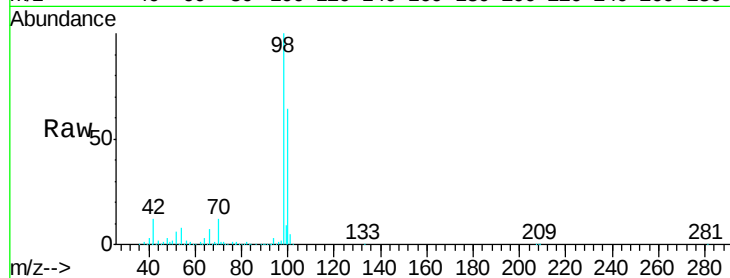
VN1104WBL01

Tgt Ion: 98 Resp: 884443

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.080 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059075.D

Acq: 4 Nov 2019 10:42

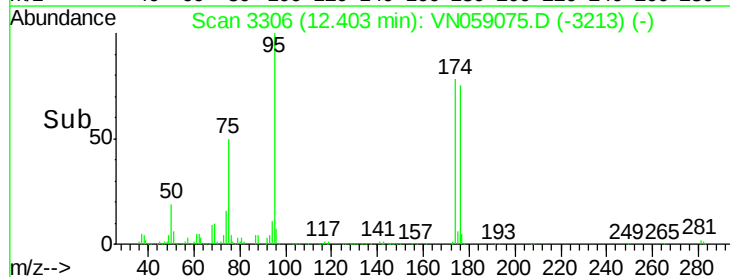
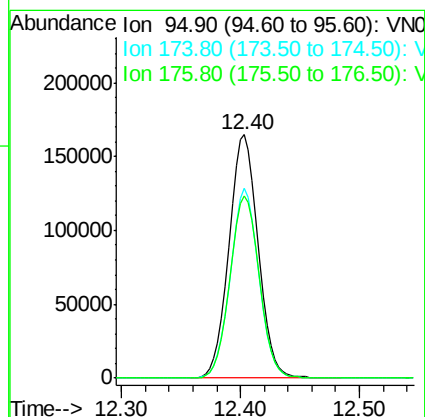
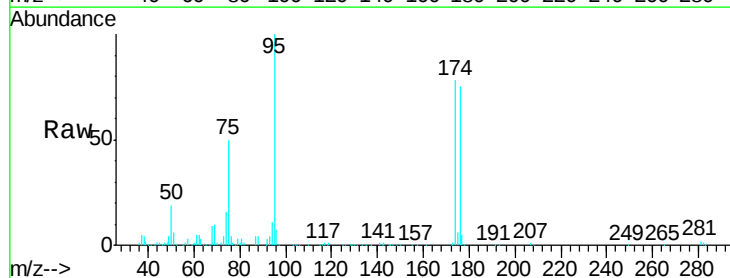
Tgt Ion: 95 Resp: 279682

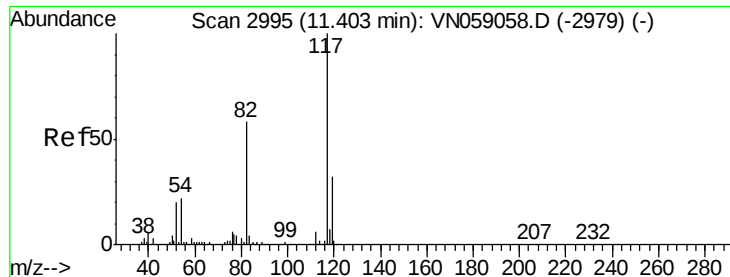
Ion Ratio Lower Upper

95 100

174 76.4 0.0 155.8

176 75.2 0.0 151.6

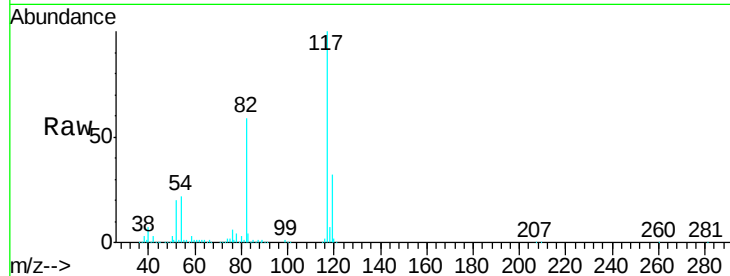




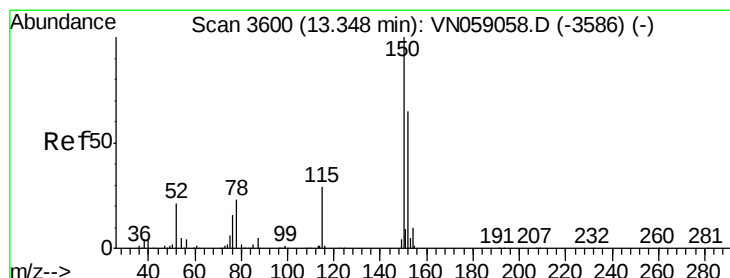
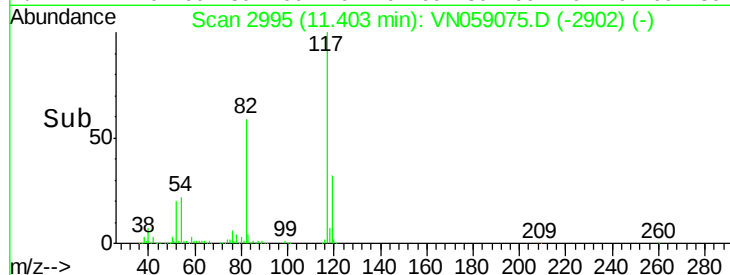
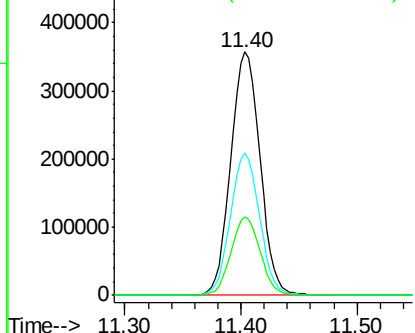
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059075.D
Acq: 4 Nov 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

Tgt Ion:117 Resp: 623052
Ion Ratio Lower Upper
117 100
82 58.5 46.0 69.0
119 32.4 25.6 38.4

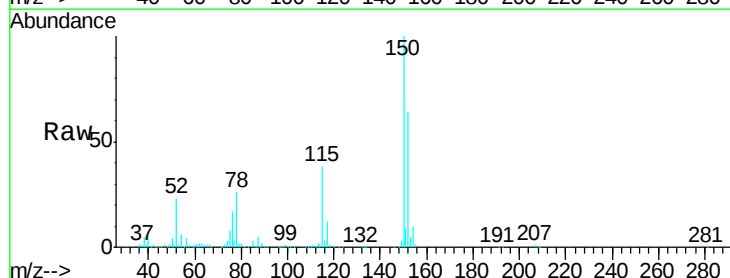


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059075.D
Acq: 4 Nov 2019 10:42

Tgt Ion:152 Resp: 222602
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.9
150 156.1 0.0 345.8



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

