

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055542.D
 Acq On : 10 May 2019 11:06
 Operator : JC/SP
 Sample : K2758-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-14

Quant Time: May 11 13:19:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	894088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1481812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1218797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	597588	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	7.59	113	464926	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.09	98	1792760	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.40	95	501614	39.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.88%	

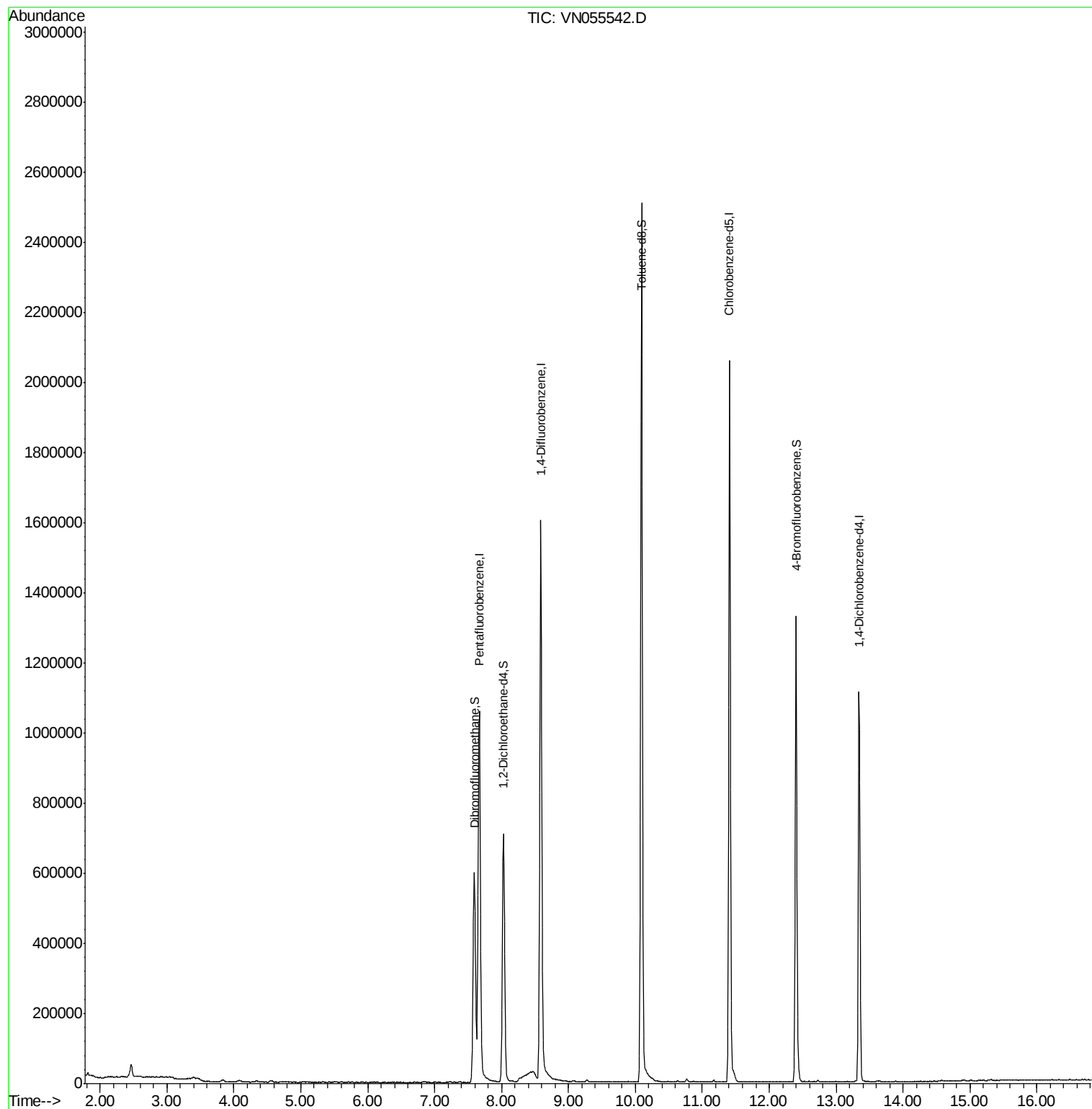
Target Compounds	Qvalue

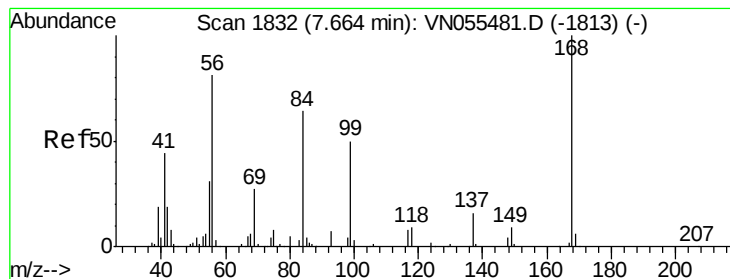
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055542.D

Acq: 10 May 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

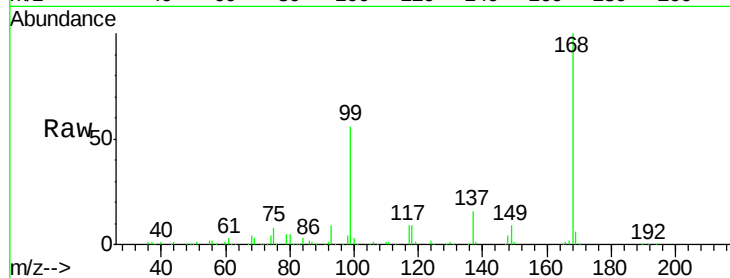
IW-14

Tot Ion:168 Resp: 894088

Ion Ratio Lower Upper

168 100

99 56.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

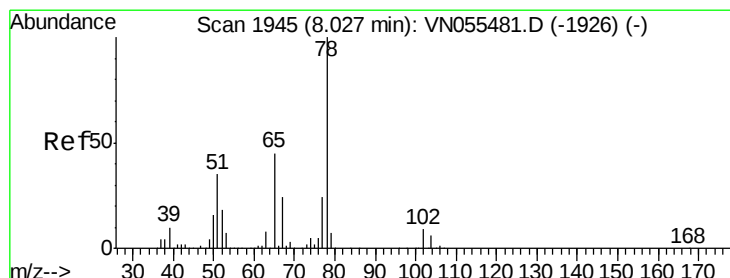
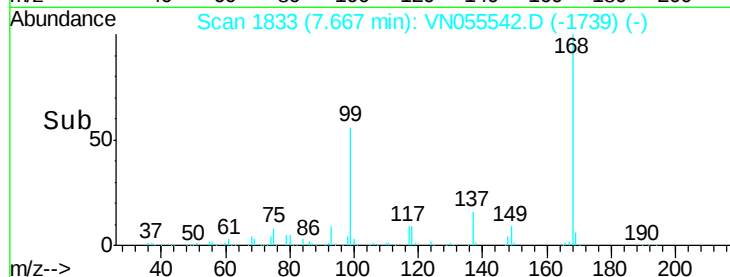
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.391 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055542.D

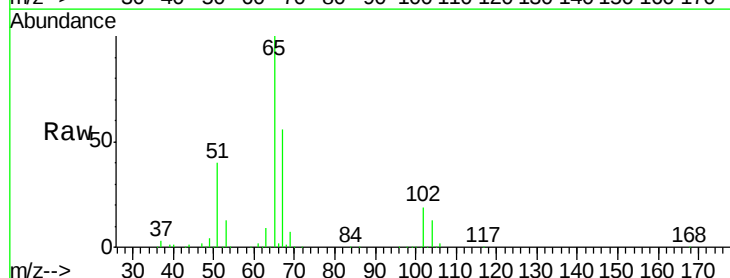
Acq: 10 May 2019 11:06

Tgt Ion: 65 Resp: 597588

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

150000

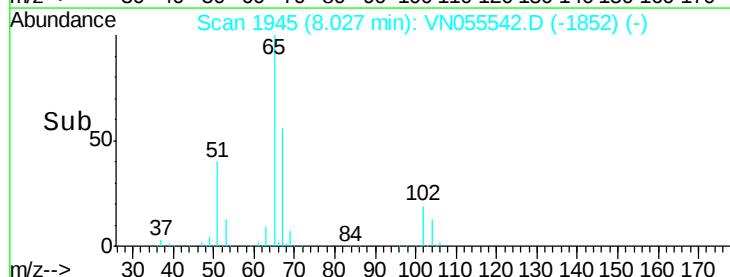
100000

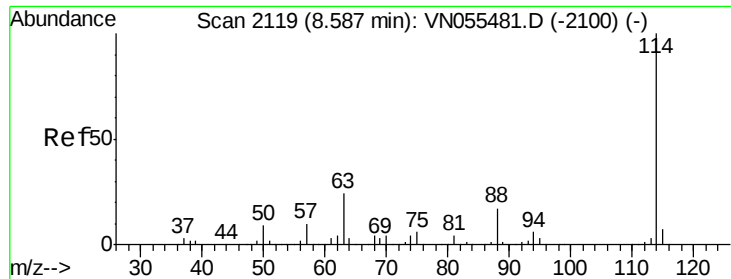
50000

0

7.90 8.00 8.10 8.20

Time-->

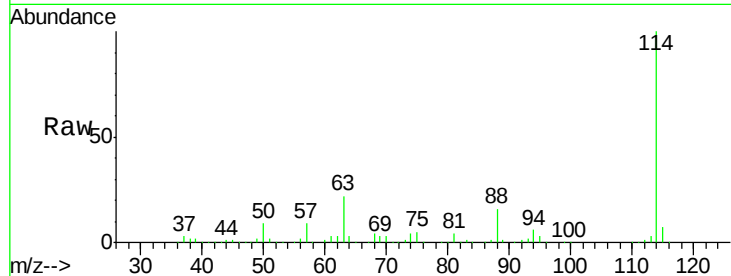




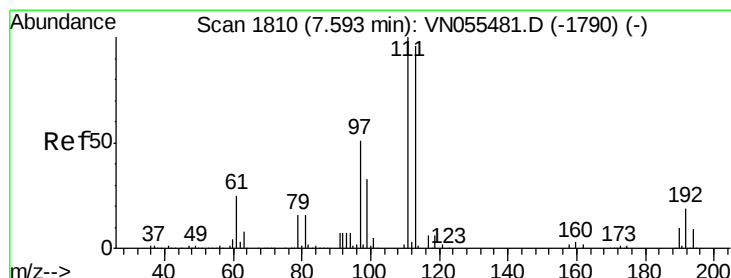
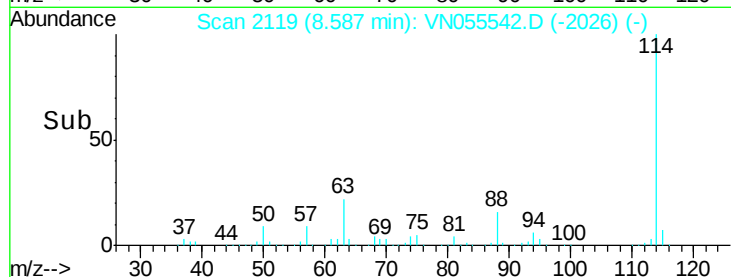
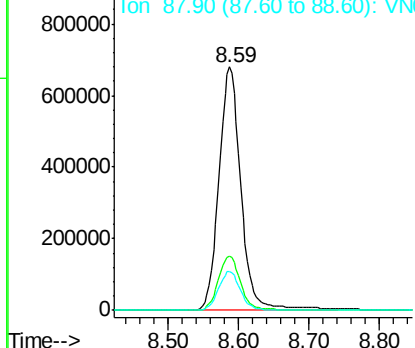
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055542.D
 Acq: 10 May 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-14

Tot Ion:114 Resp: 1481812
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.4
 88 16.1 0.0 34.0

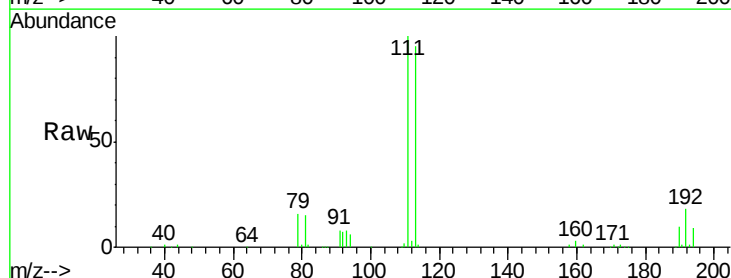


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

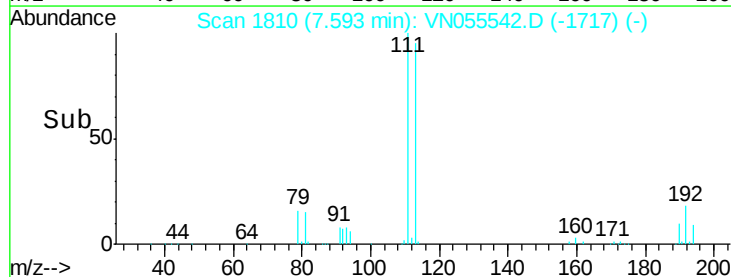
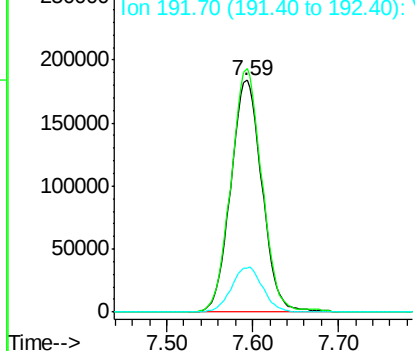


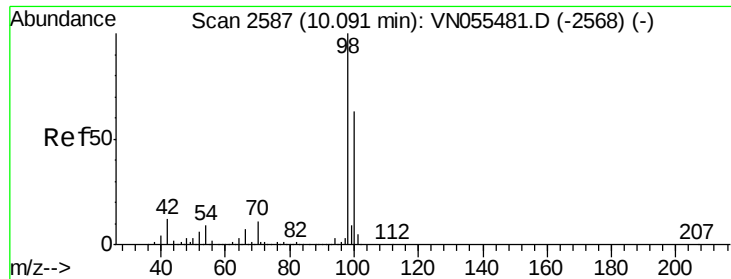
#35
 Dibromofluoromethane
 Concen: 48.638 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055542.D
 Acq: 10 May 2019 11:06

Tgt Ion:113 Resp: 464926
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 19.4 15.6 23.4



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: 48.128 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055542.D

Acq: 10 May 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

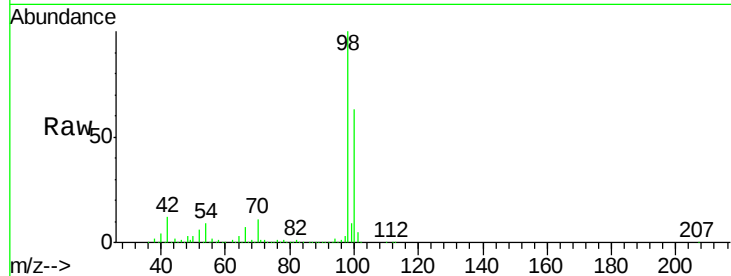
IW-14

Tot Ion: 98 Resp: 1792760

Ion Ratio Lower Upper

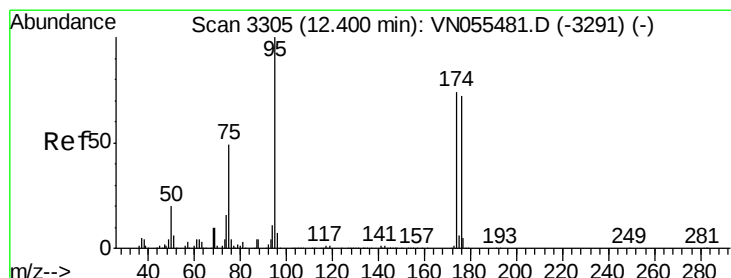
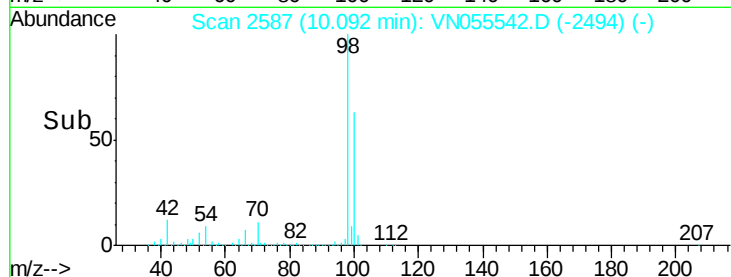
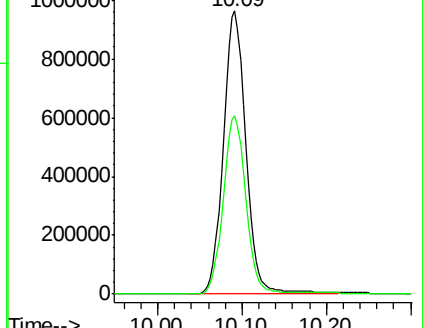
98 100

100 63.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055481.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 39.937 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055542.D

Acq: 10 May 2019 11:06

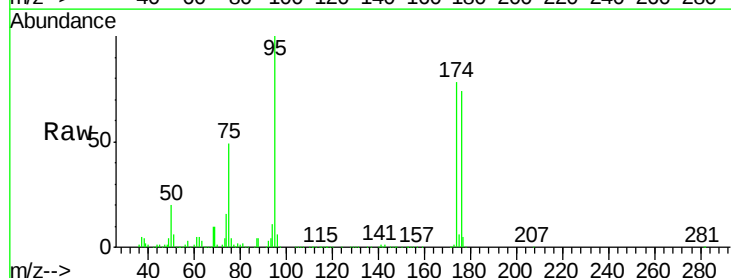
Tgt Ion: 95 Resp: 501614

Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.2

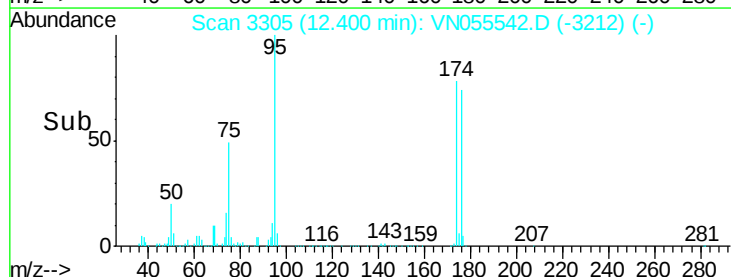
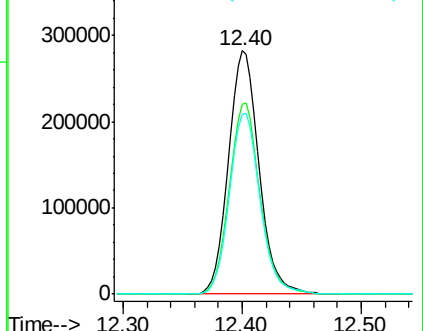
176 74.9 0.0 147.8

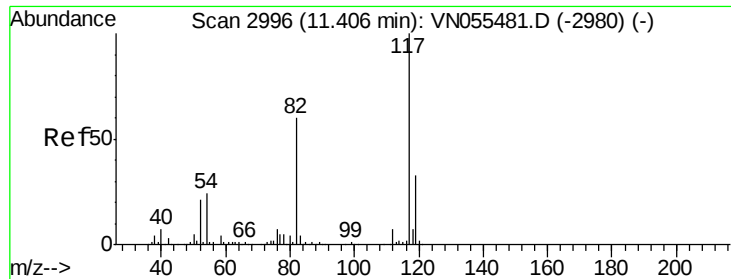


Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

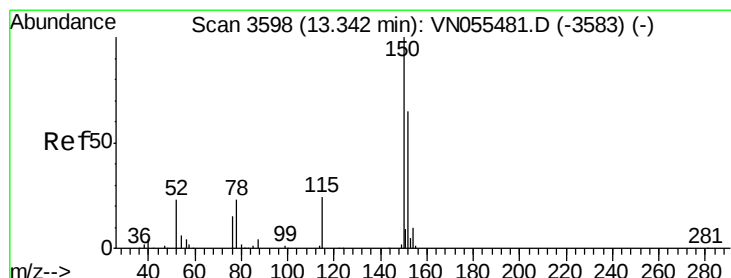
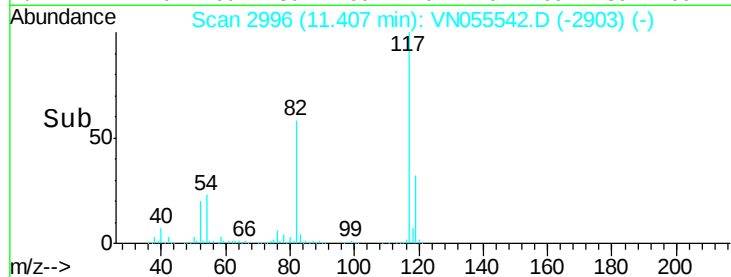
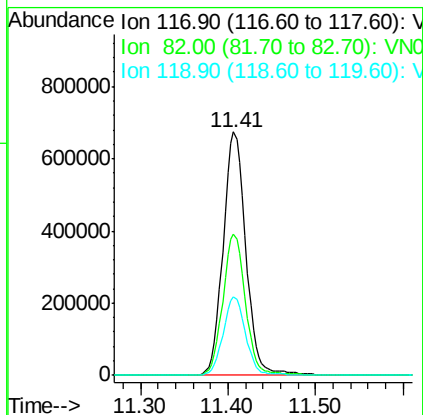
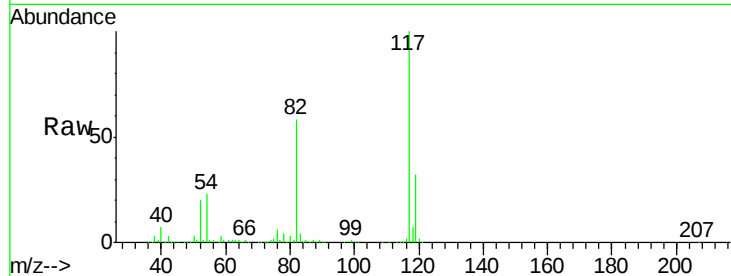




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055542.D
Acq: 10 May 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
IW-14

Tot Ion:117 Resp: 1218797
Ion Ratio Lower Upper
117 100
82 58.0 48.0 72.0
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055542.D
Acq: 10 May 2019 11:06

Tgt Ion:152 Resp: 310974
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 158.0 0.0 355.0

