

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055543.D
 Acq On : 10 May 2019 11:31
 Operator : JC/SP
 Sample : K2758-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-15

Quant Time: May 11 13:20:23 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	887470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1490463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1239304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	334246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	603880	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
35) Dibromofluoromethane	7.59	113	469728	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.09	98	1805306	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.40	95	512611	40.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.16%	

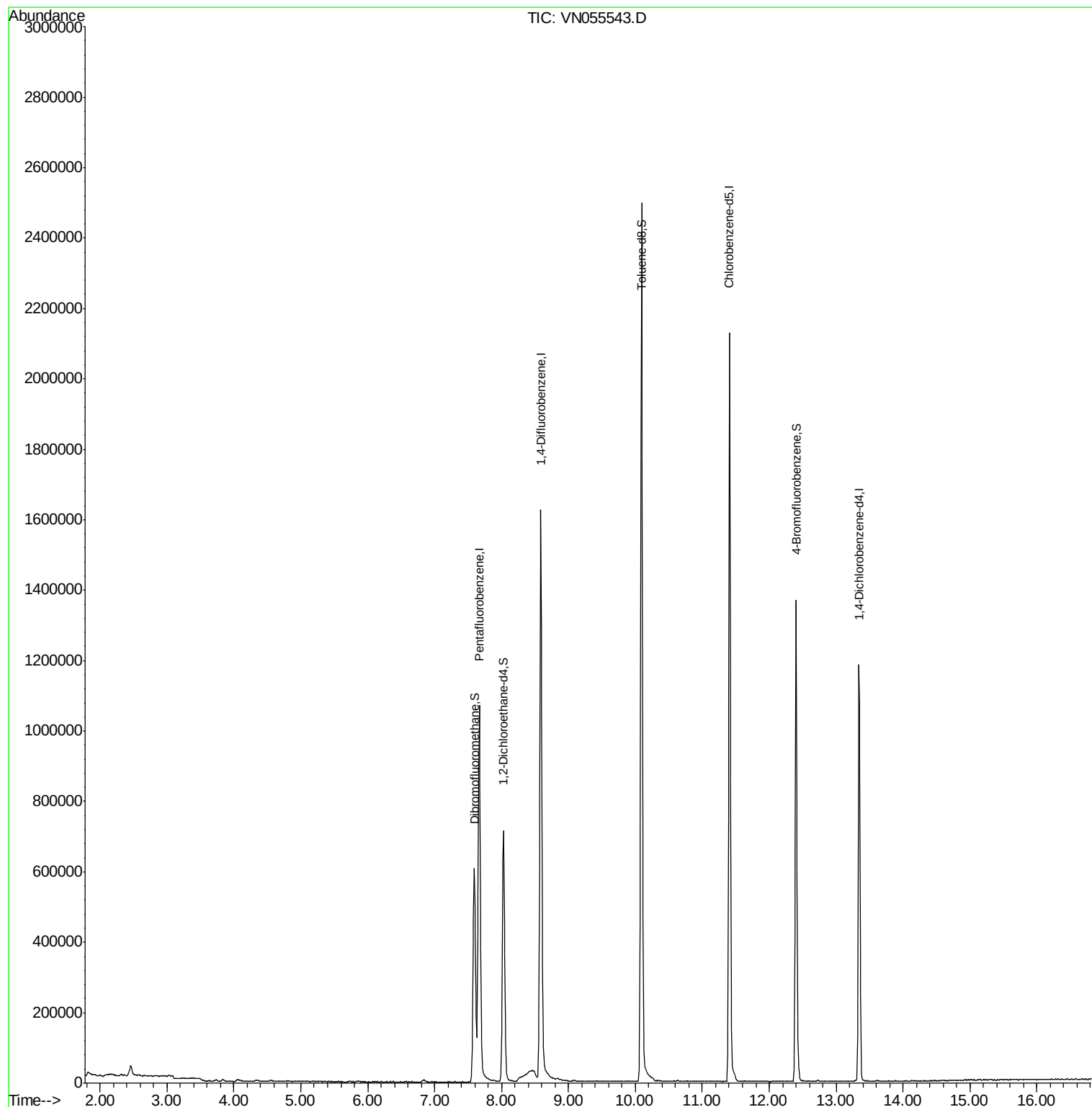
Target Compounds	Qvalue

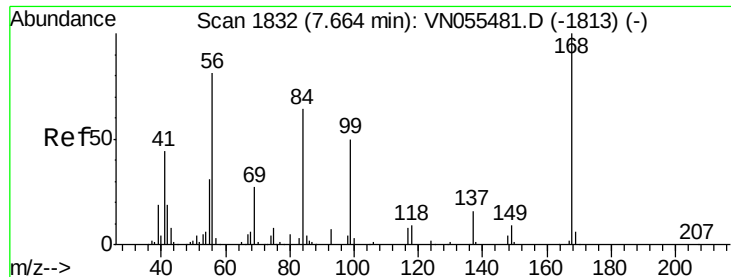
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055543.D

Acq: 10 May 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

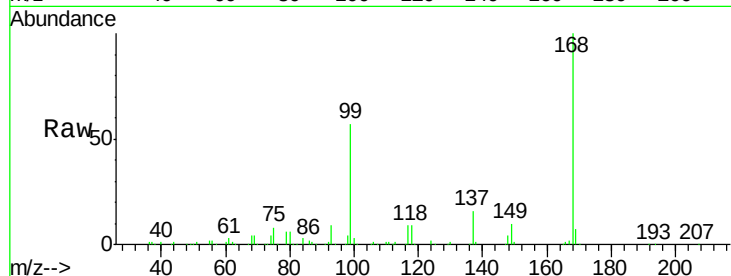
IW-15

Tot Ion:168 Resp: 887470

Ion Ratio Lower Upper

168 100

99 56.7 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

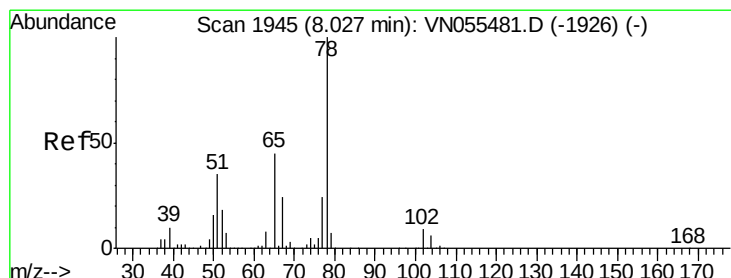
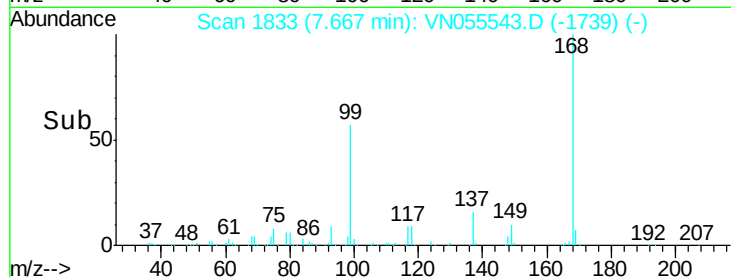
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.193 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055543.D

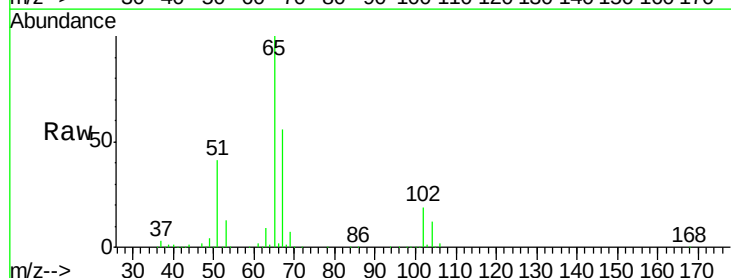
Acq: 10 May 2019 11:31

Tgt Ion: 65 Resp: 603880

Ion Ratio Lower Upper

65 100

67 54.8 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

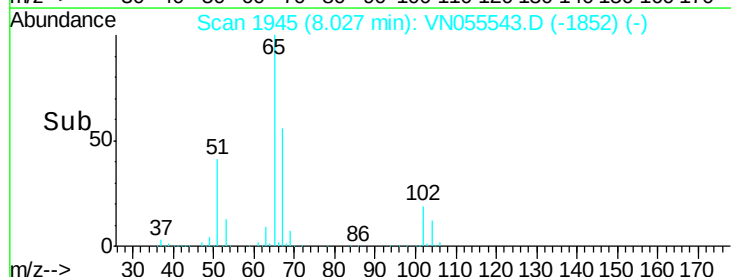
100000

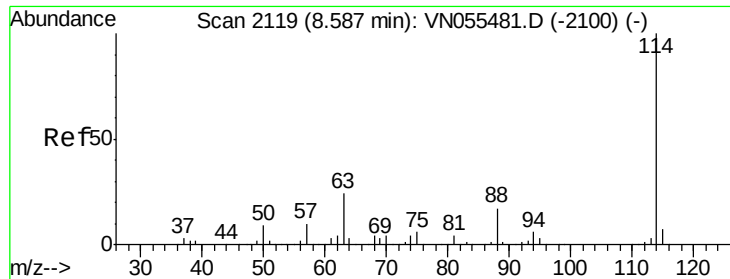
50000

0

7.90 8.00 8.10 8.20

Time-->

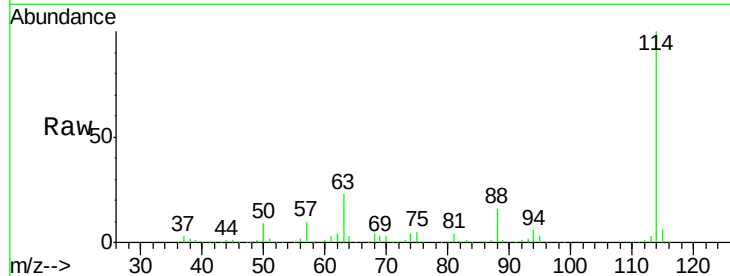




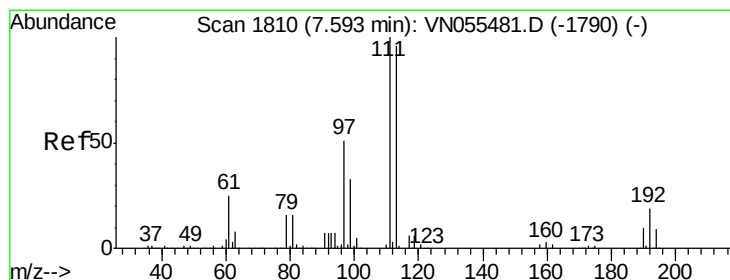
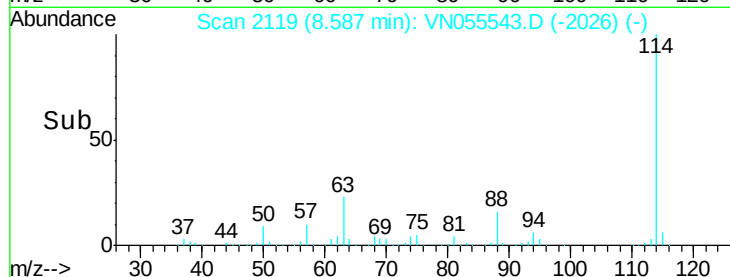
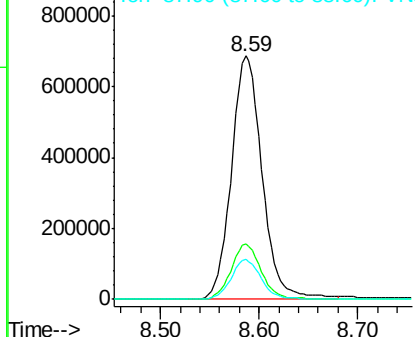
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055543.D
Acq: 10 May 2019 11:31

Instrument :
MSVOA_N
ClientSampleId :
IW-15

Tot Ion:114 Resp: 1490463
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.4
88 16.2 0.0 34.0

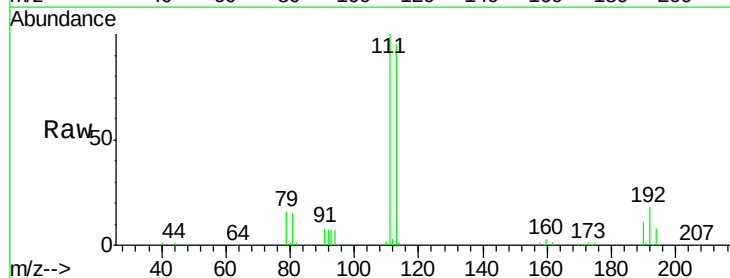


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

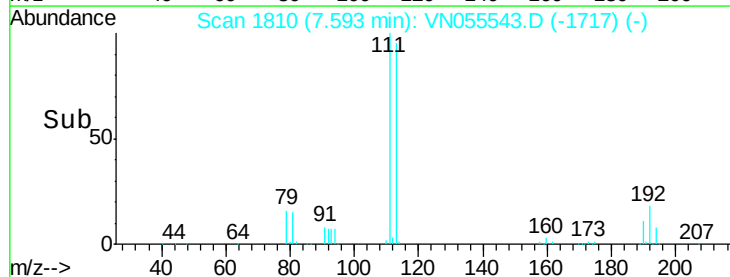
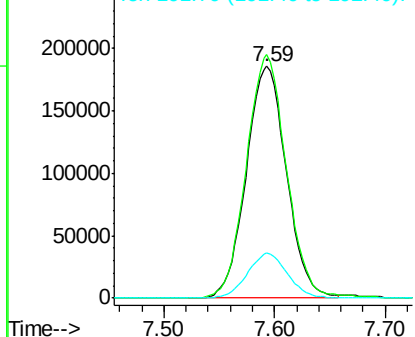


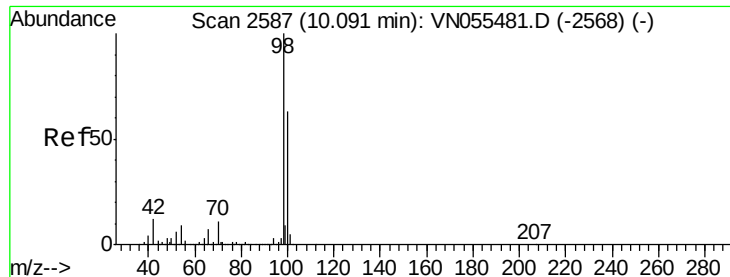
#35
Dibromofluoromethane
Concen: 48.855 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055543.D
Acq: 10 May 2019 11:31

Tgt Ion:113 Resp: 469728
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.5 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: 48.183 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055543.D

Acq: 10 May 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

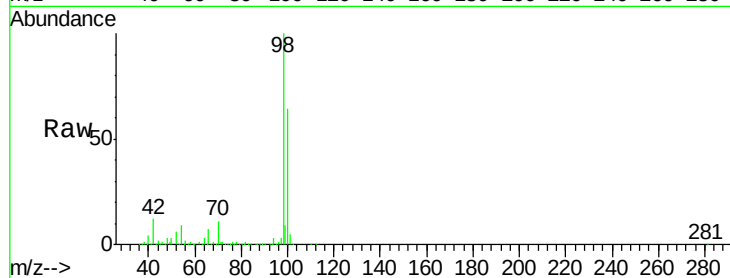
IW-15

Tot Ion: 98 Resp: 1805306

Ion Ratio Lower Upper

98 100

100 63.8 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) (-)

10.09

800000

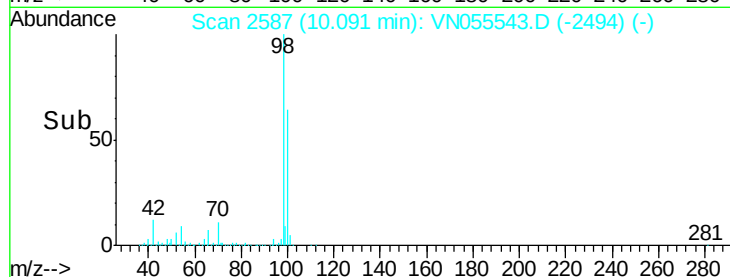
600000

400000

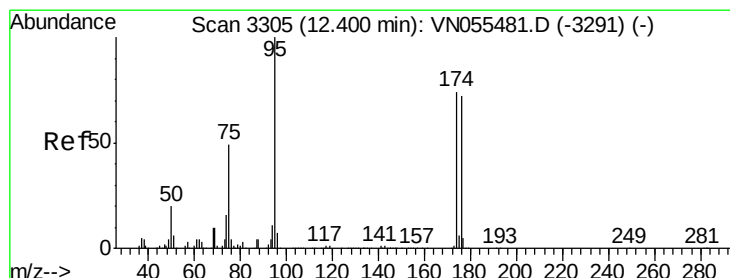
200000

0

10.00 10.10 10.20



Time-->



#62

4-Bromofluorobenzene

Concen: 40.576 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055543.D

Acq: 10 May 2019 11:31

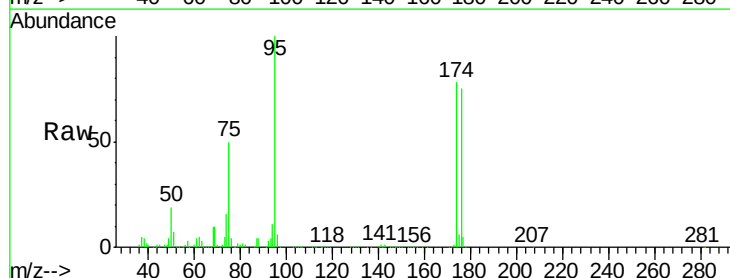
Tgt Ion: 95 Resp: 512611

Ion Ratio Lower Upper

95 100

174 78.5 0.0 152.2

176 76.1 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) (-)

12.40

400000

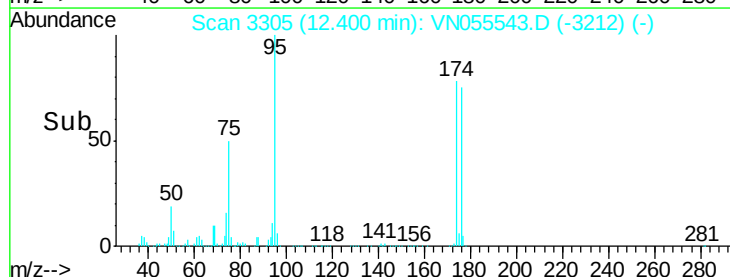
300000

200000

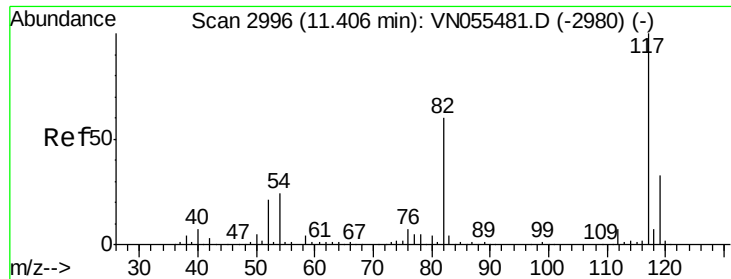
100000

0

12.30 12.40 12.50



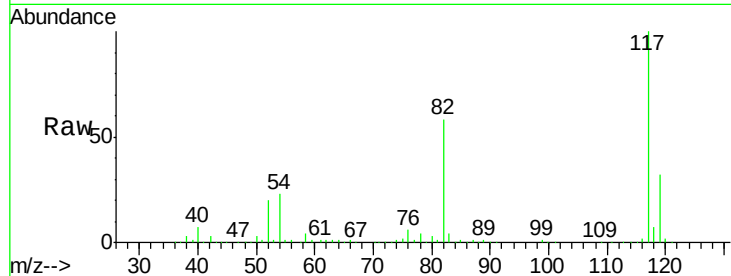
Time-->



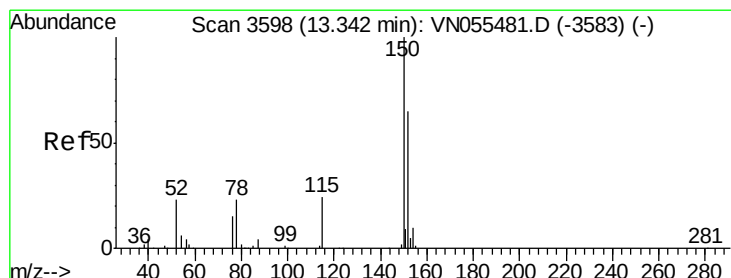
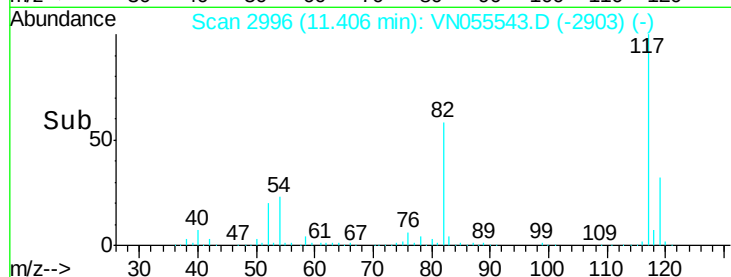
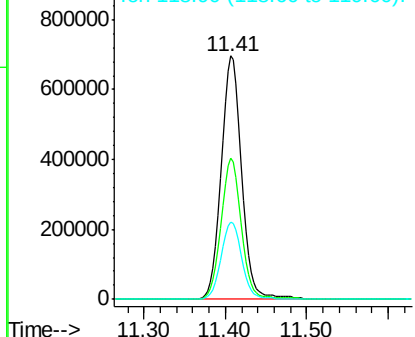
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055543.D
Acq: 10 May 2019 11:31

Instrument :
MSVOA_N
ClientSampled :
IW-15

Tot Ion:117 Resp: 1239304
Ion Ratio Lower Upper
117 100
82 58.1 48.0 72.0
119 31.8 26.0 39.0

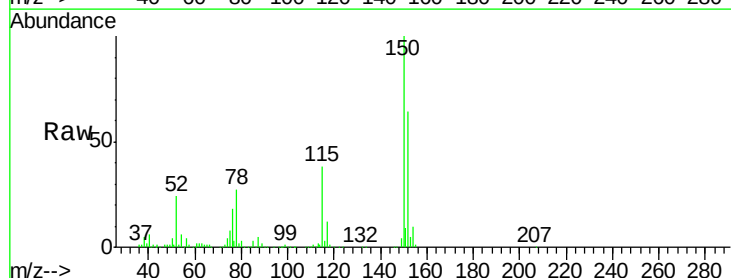


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055543.D
Acq: 10 May 2019 11:31

Tgt Ion:152 Resp: 334246
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.5
150 157.5 0.0 355.0



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

