

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053403.D
 Acq On : 15 Jan 2019 13:07
 Operator : JC/SP
 Sample : VN0115WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBL01

Quant Time: Jan 16 03:51:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	933229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1431007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1303973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	542416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455870	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.59	113	426694	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.09	98	1766616	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	591168	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

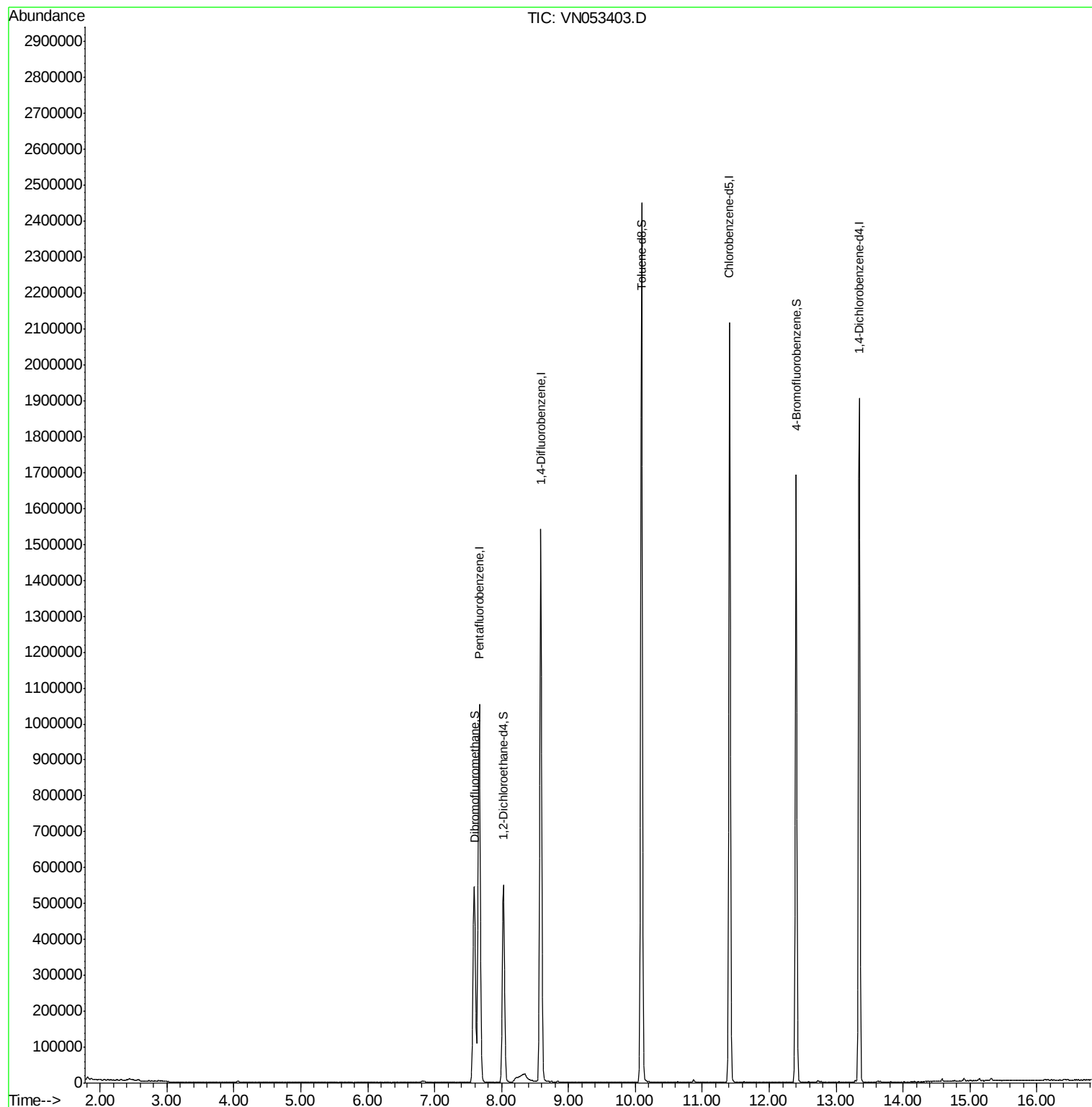
Target Compounds	Qvalue

(#) = 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: VN053403.D

Acq: 15 Jan 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

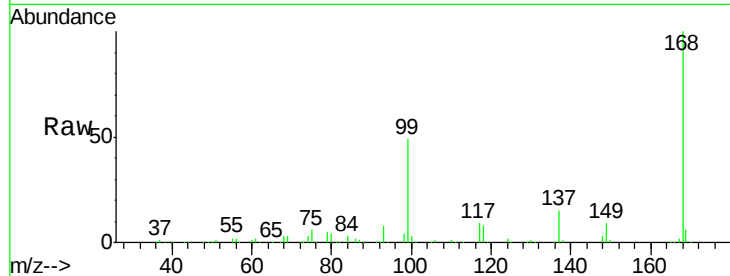
VN0115WBL01

Tot Ion:168 Resp: 933229

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

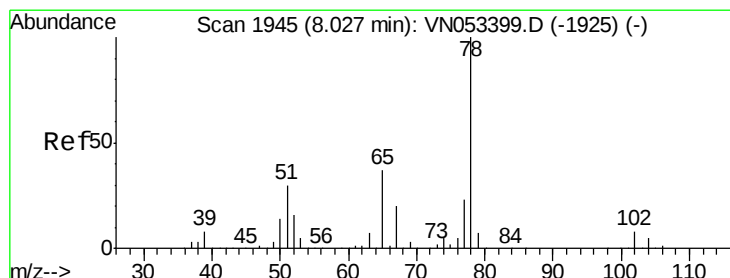
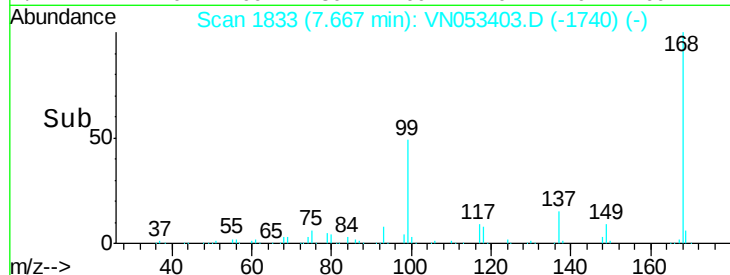
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053403.D

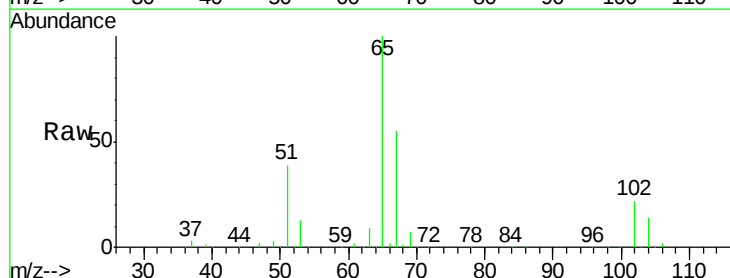
Acq: 15 Jan 2019 13:07

Tgt Ion: 65 Resp: 455870

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

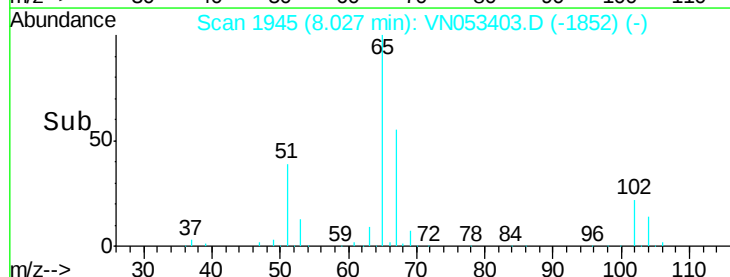
150000

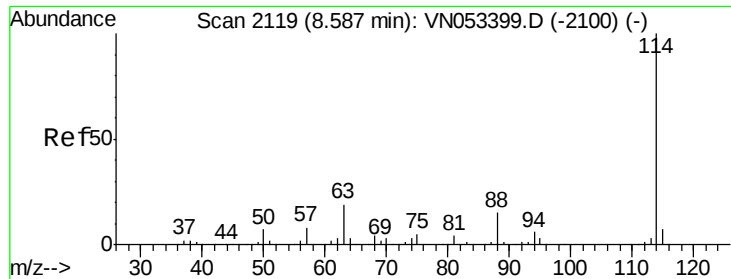
100000

50000

0

Time-->

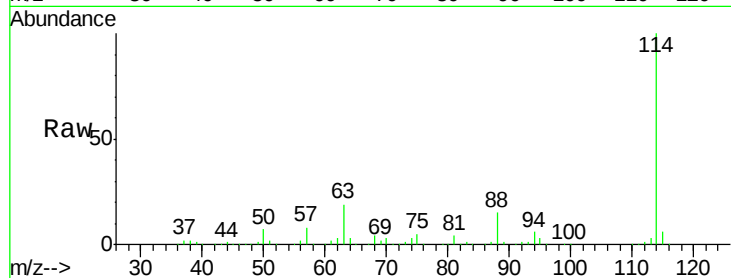




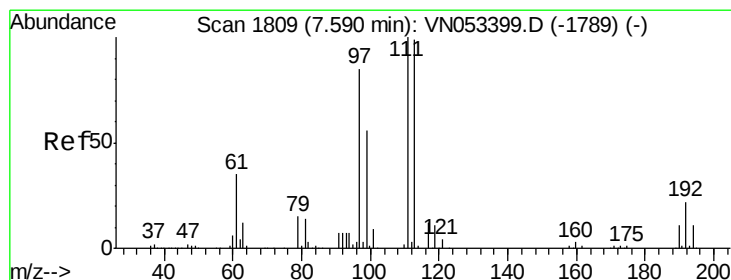
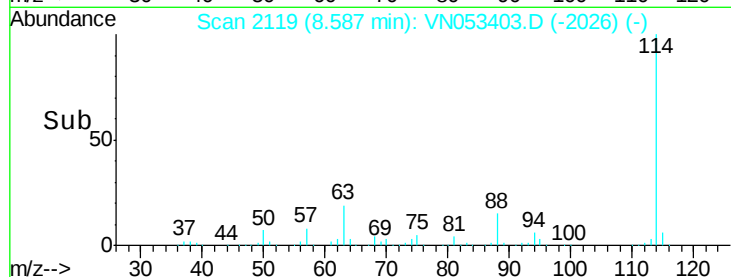
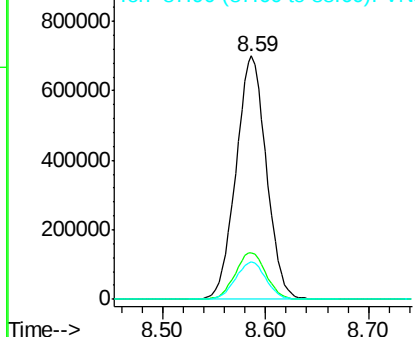
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053403.D
Acq: 15 Jan 2019 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

Tot Ion:114 Resp: 1431007
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.0
88 15.3 0.0 30.8

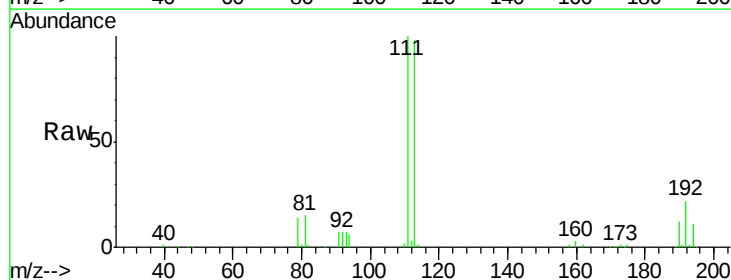


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

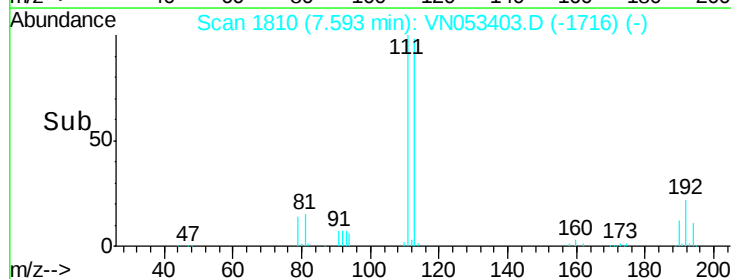
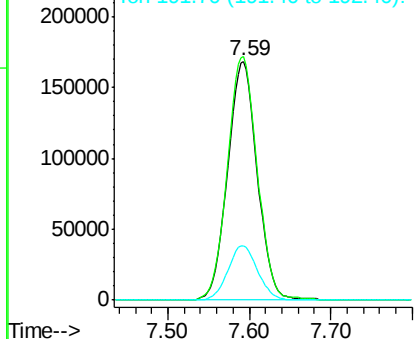


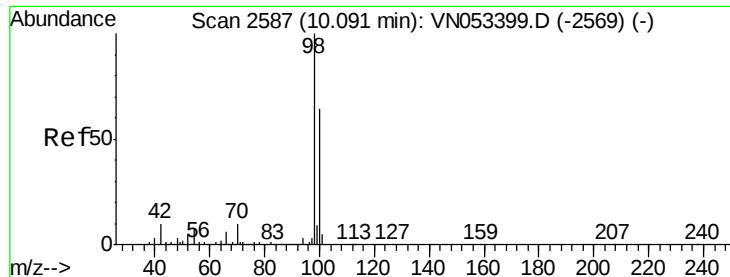
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053403.D
Acq: 15 Jan 2019 13:07

Tgt Ion:113 Resp: 426694
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 22.9 17.9 26.9



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053403.D

Acq: 15 Jan 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

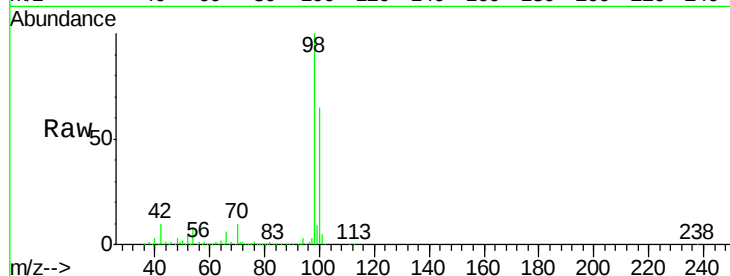
VN0115WBL01

Tot Ion: 98 Resp: 1766616

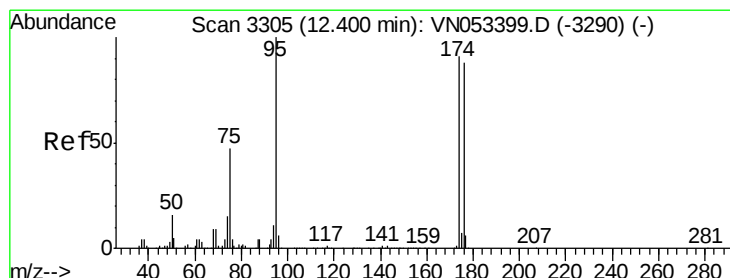
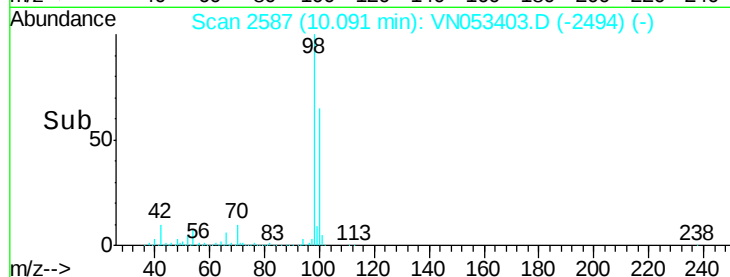
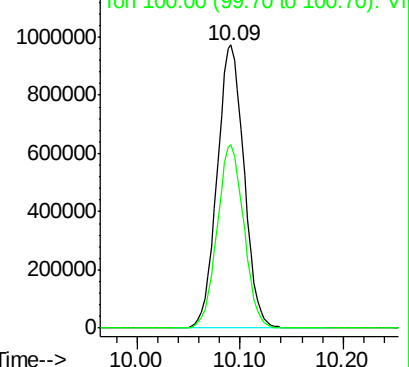
Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053403.D

Acq: 15 Jan 2019 13:07

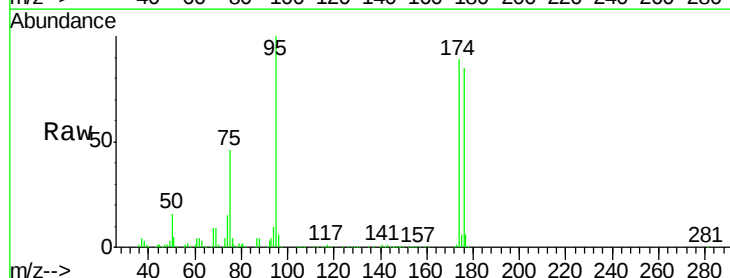
Tgt Ion: 95 Resp: 591168

Ion Ratio Lower Upper

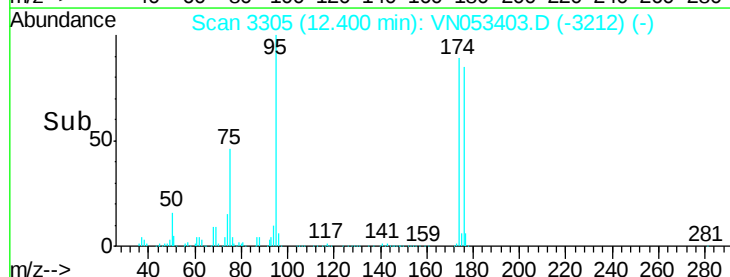
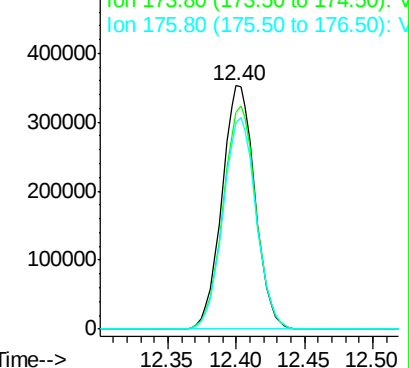
95 100

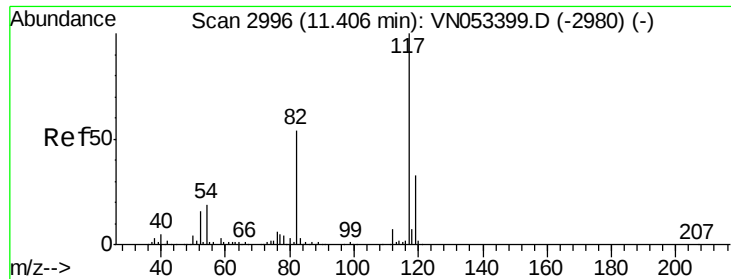
174 91.4 0.0 180.4

176 87.2 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

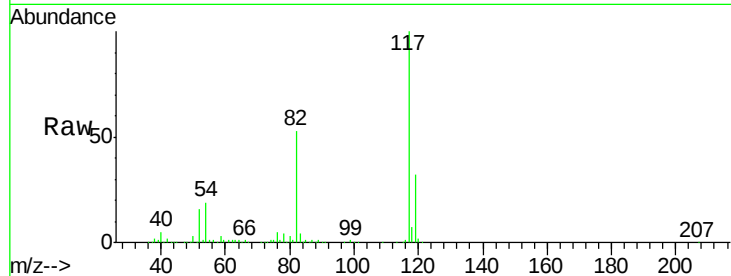




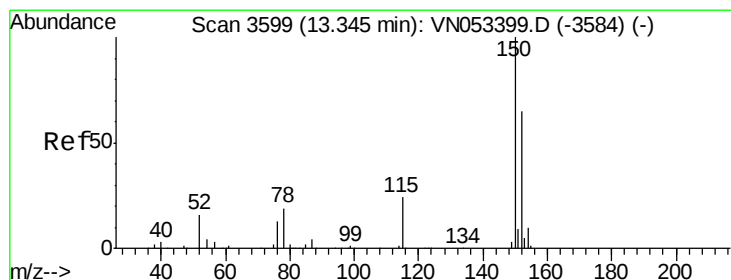
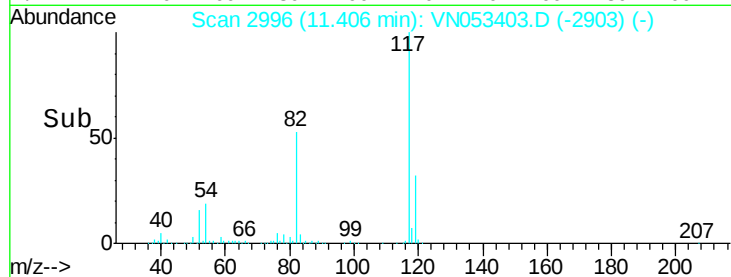
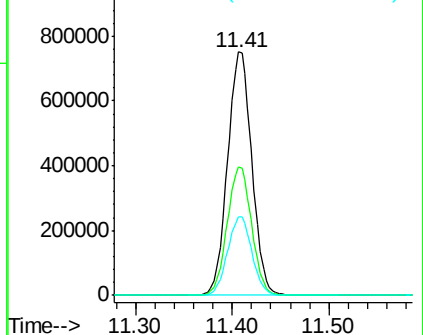
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053403.D
 Acq: 15 Jan 2019 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBL01

Tot Ion:117 Resp: 1303973
 Ion Ratio Lower Upper
 117 100
 82 52.5 42.9 64.3
 119 32.3 25.6 38.4

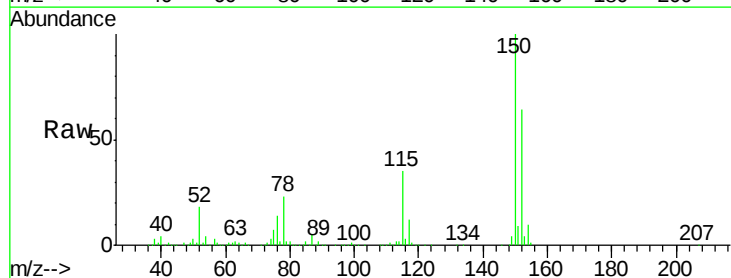


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053403.D
 Acq: 15 Jan 2019 13:07

Tgt Ion:152 Resp: 542416
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.0 84.0
 150 156.3 0.0 346.6



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

