

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010219\
 Data File : VN053239.D
 Acq On : 2 Jan 2019 11:05
 Operator : MD\SY
 Sample : J6598-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B3_122818

Quant Time: Jan 03 09:53:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1113471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1715593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1533859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	610248	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	548704	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.59	113	490988	62.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.30%	
50) Toluene-d8	10.09	98	2079187	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	684153	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

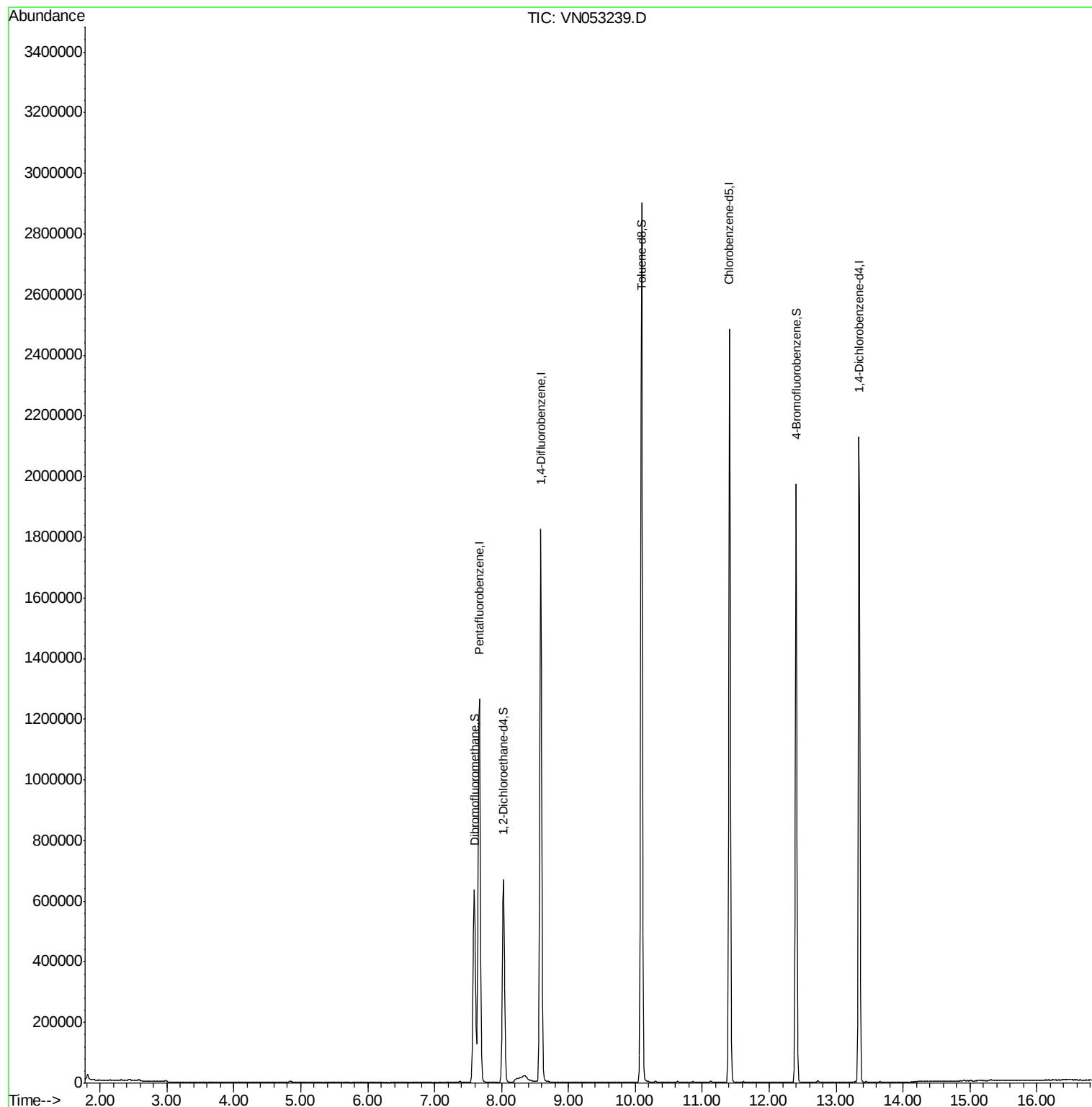
Target Compounds	Qvalue

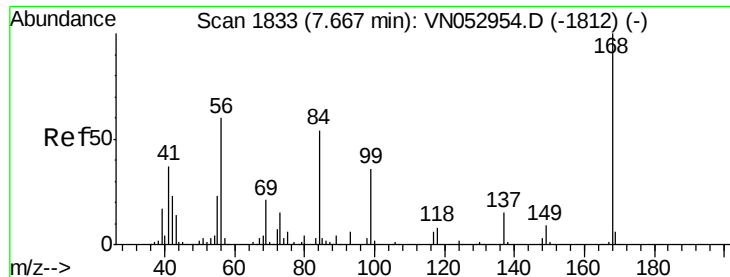
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053239.D

Acq: 2 Jan 2019 11:05

Instrument :

MSVOA_N

ClientSampled :

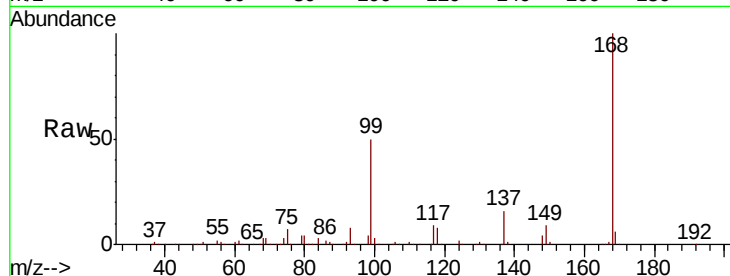
B3_122818

Tot Ion:168 Resp: 1113471

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

500000

400000

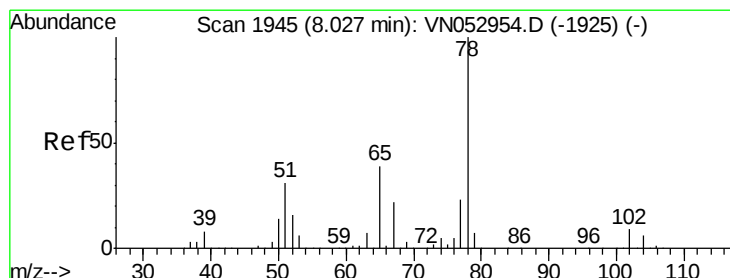
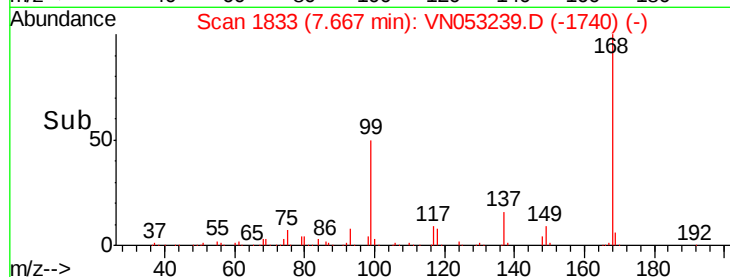
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053239.D

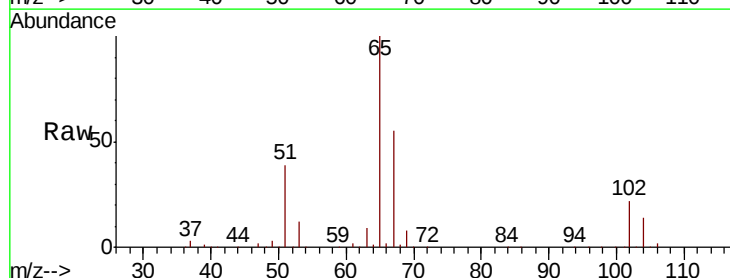
Acq: 2 Jan 2019 11:05

Tgt Ion: 65 Resp: 548704

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

8.03

250000

200000

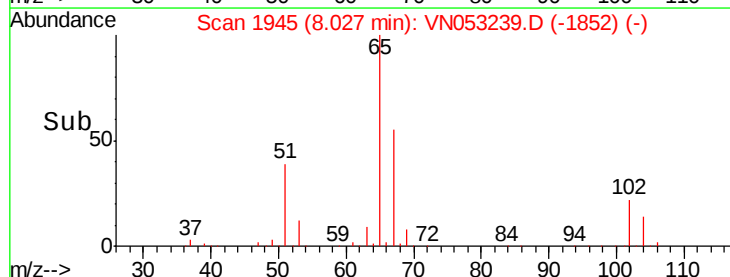
150000

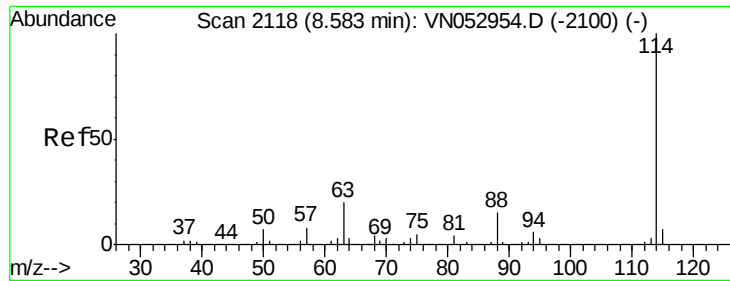
100000

50000

0

Time-->

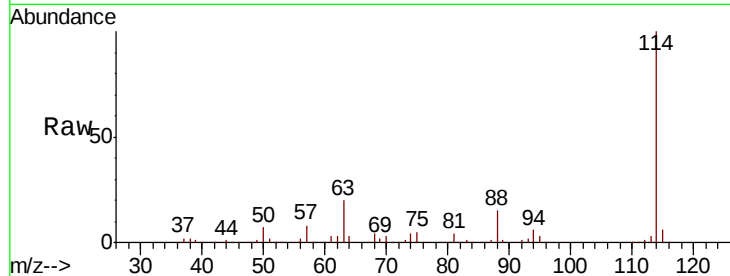




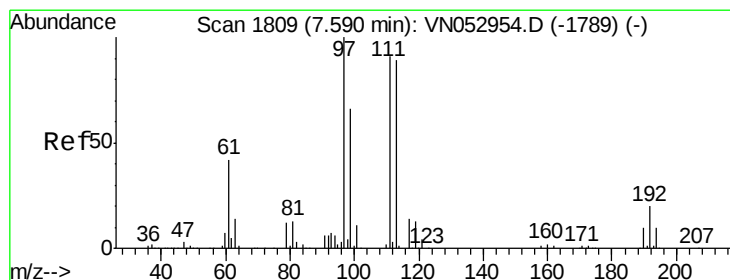
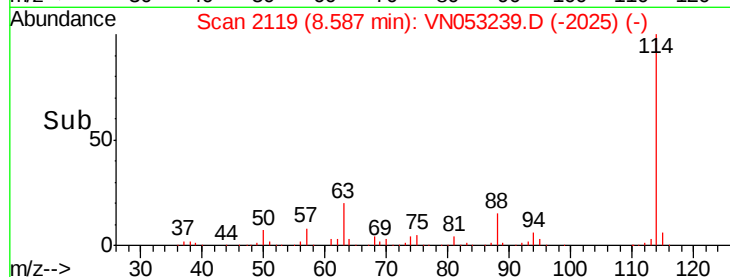
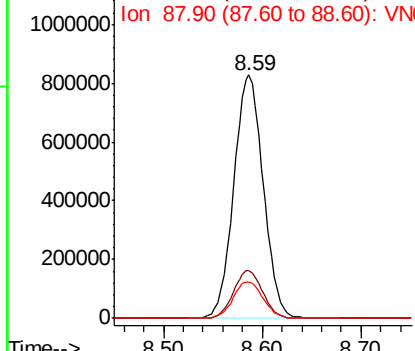
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053239.D
 Acq: 2 Jan 2019 11:05

Instrument :
 MSVOA_N
 ClientSampled :
 B3_122818

Tot Ion:114 Resp: 1715593
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.1 0.0 31.0

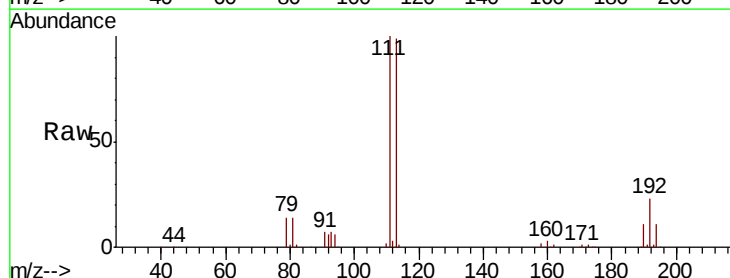


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

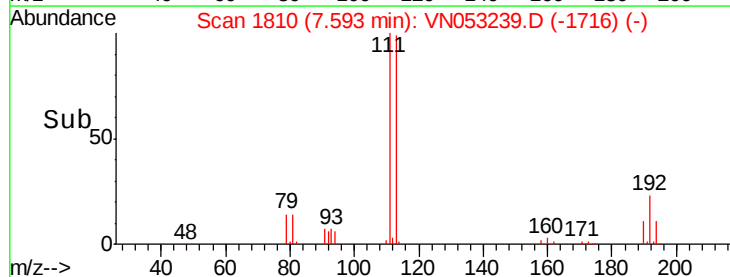
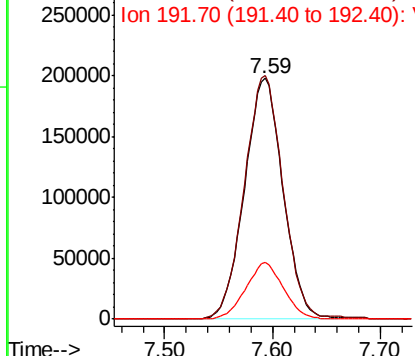


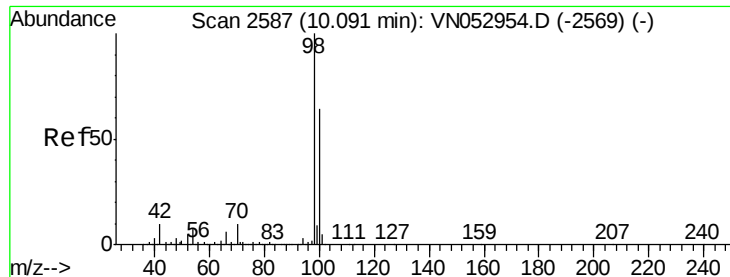
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053239.D
 Acq: 2 Jan 2019 11:05

Tgt Ion:113 Resp: 490988
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 23.0 17.5 26.3



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: VN053239.D

Acq: 2 Jan 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

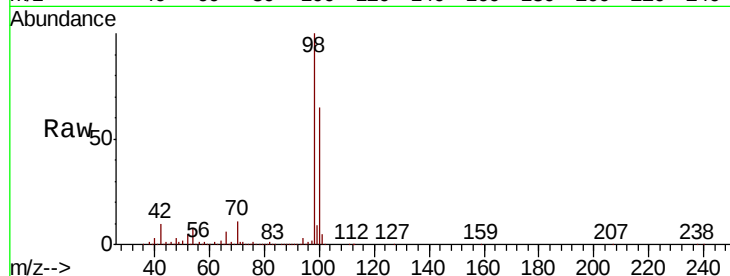
B3_122818

Tot Ion: 98 Resp: 2079187

Ion Ratio Lower Upper

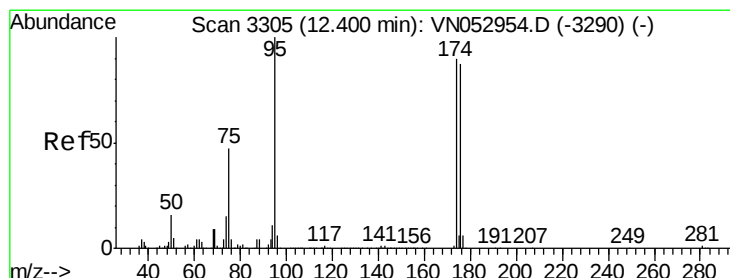
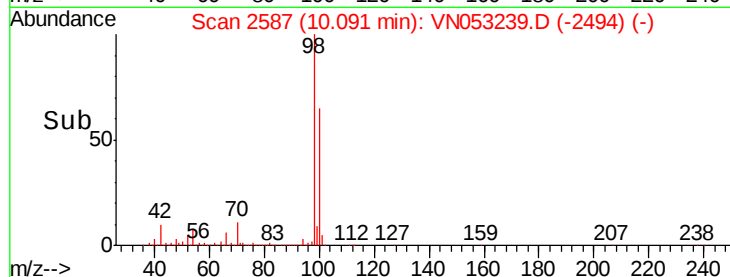
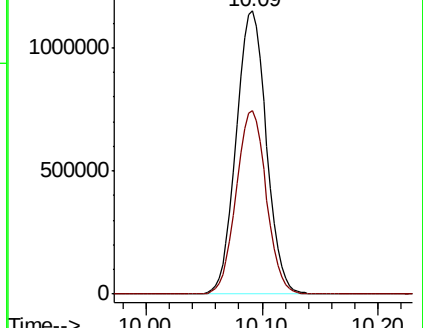
98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053239.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053239.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053239.D

Acq: 2 Jan 2019 11:05

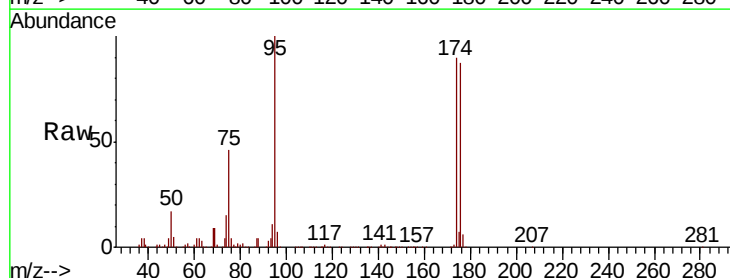
Tgt Ion: 95 Resp: 684153

Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.8

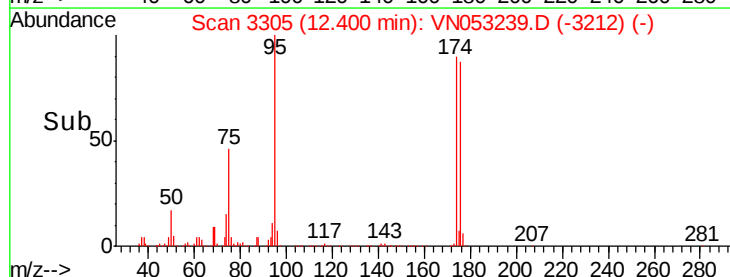
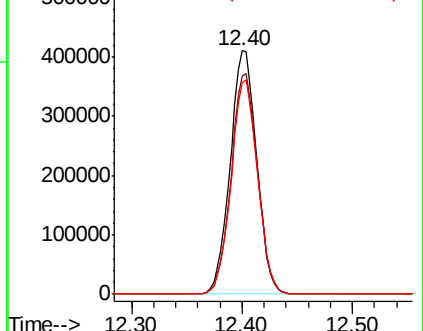
176 87.6 0.0 173.8

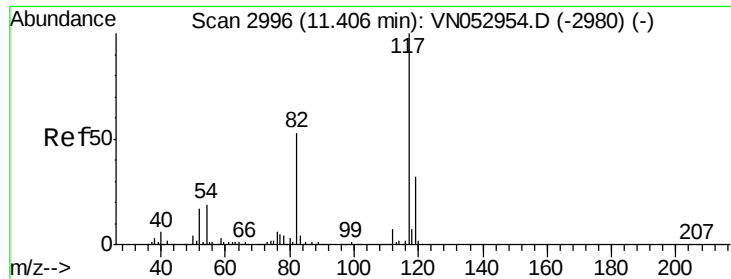


Abundance Ion 94.90 (94.60 to 95.60): VN053239.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053239.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053239.D (-3212) (-)

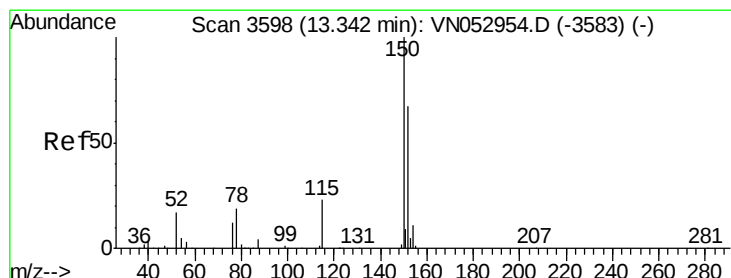
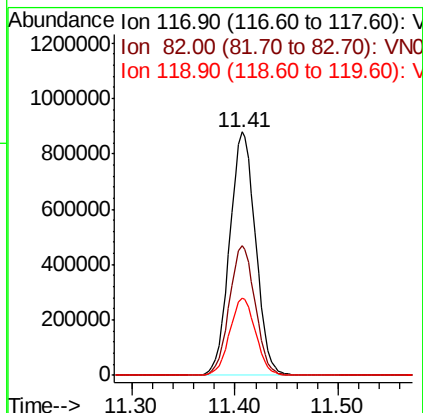
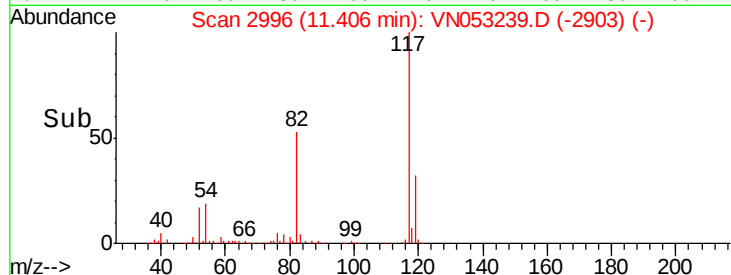
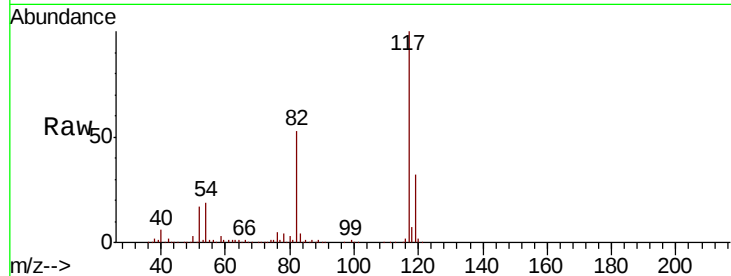




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053239.D
Acq: 2 Jan 2019 11:05

Instrument :
MSVOA_N
ClientSampleId :
B3_122818

Tot Ion:117 Resp: 1533859
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053239.D
Acq: 2 Jan 2019 11:05

Tgt Ion:152 Resp: 610248
Ion Ratio Lower Upper
152 100
115 56.4 28.3 85.0
150 156.5 0.0 347.8

