

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053106.D
 Acq On : 21 Dec 2018 17:07
 Operator : MD\SY
 Sample : J6199-11
 Misc : 7.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

Quant Time: Dec 21 17:37:49 2018
 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	1094971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1686308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1557831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	716153	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	550601	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	7.59	113	442668	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
50) Toluene-d8	10.09	98	2066056	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	729830	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

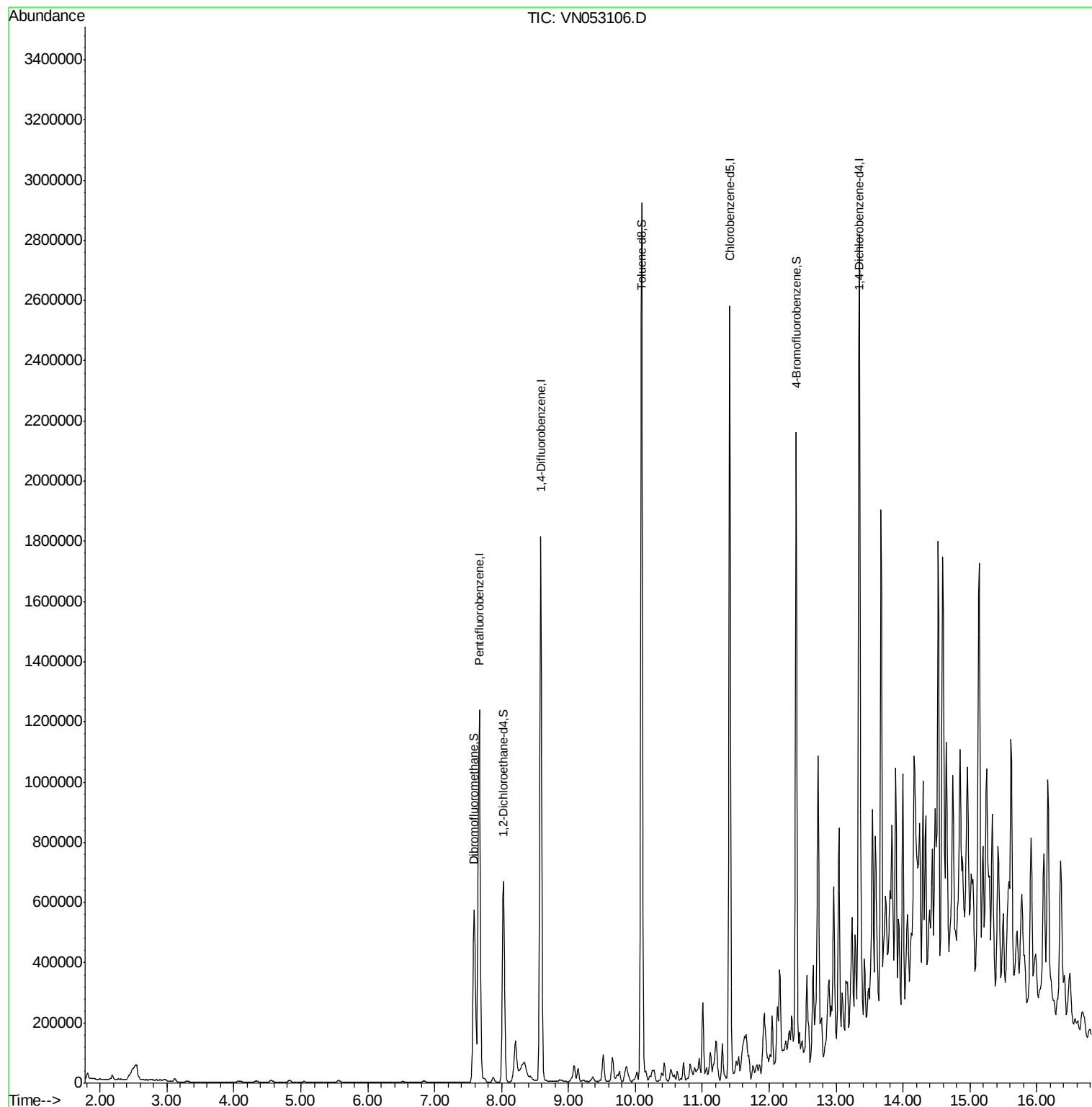
Target Compounds	Qvalue

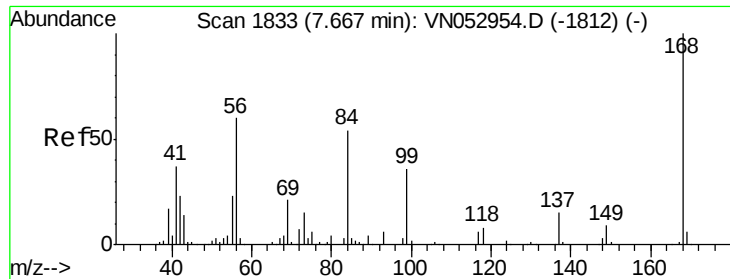
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053106.D

Acq: 21 Dec 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

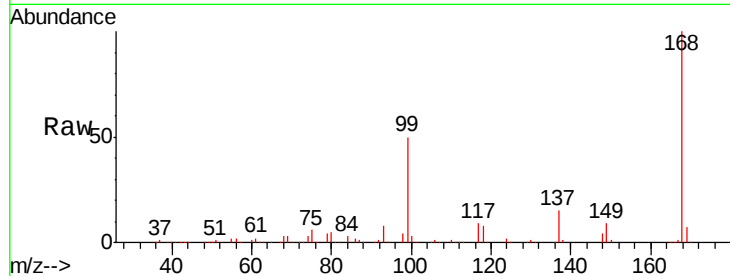
SU-02-121818-B

Tgt Ion:168 Resp: 1094971

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

300000

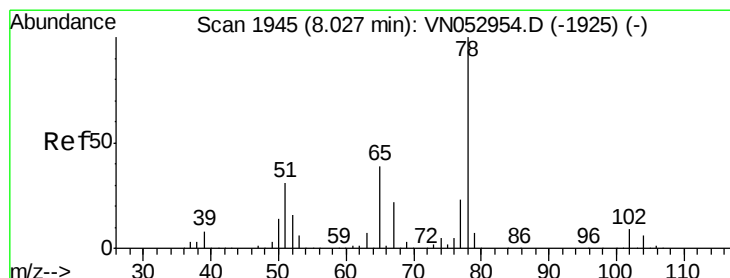
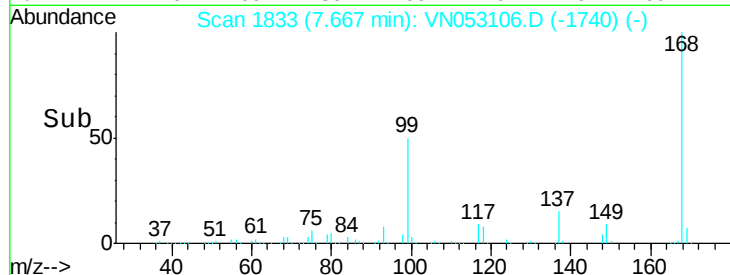
200000

100000

0

7.60 7.70 7.80

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: VN053106.D

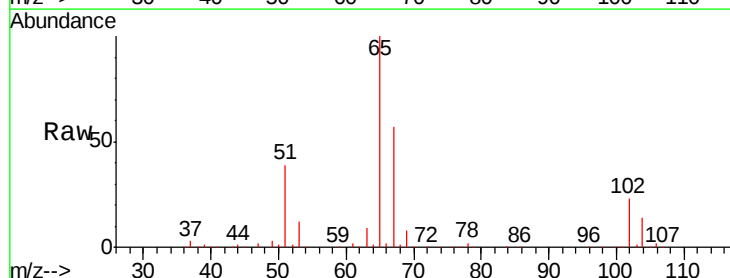
Acq: 21 Dec 2018 17:07

Tgt Ion: 65 Resp: 550601

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

250000

200000

150000

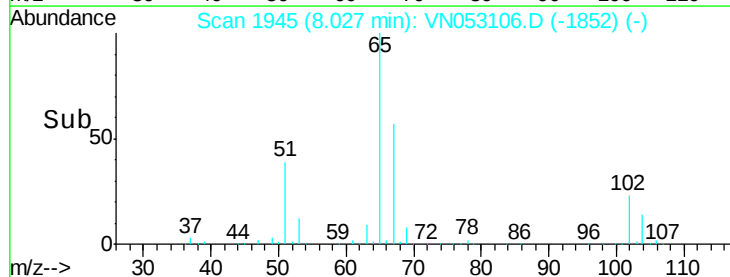
100000

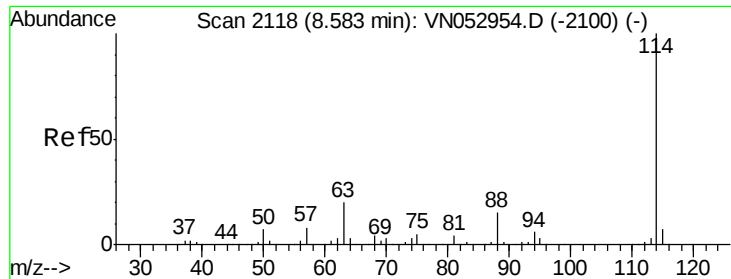
50000

0

7.90 8.00 8.10 8.20

Time-->

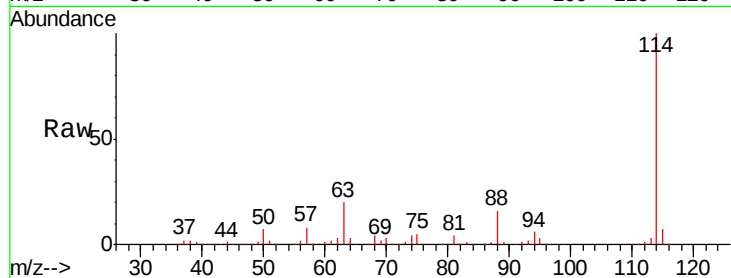




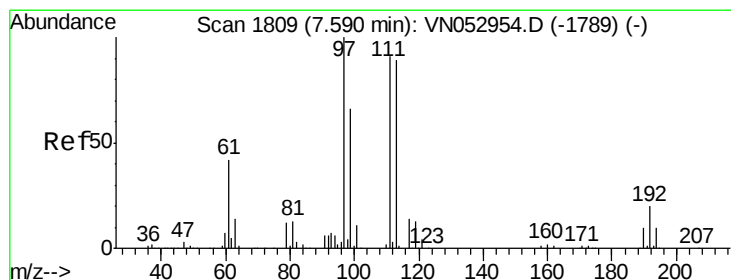
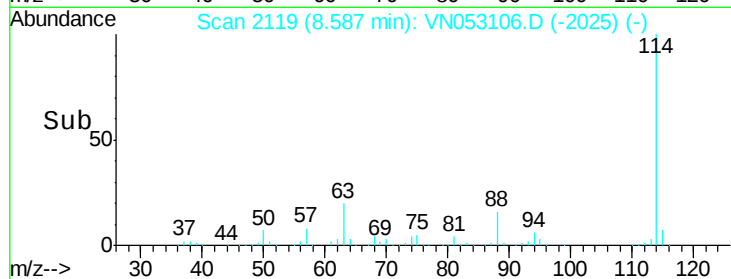
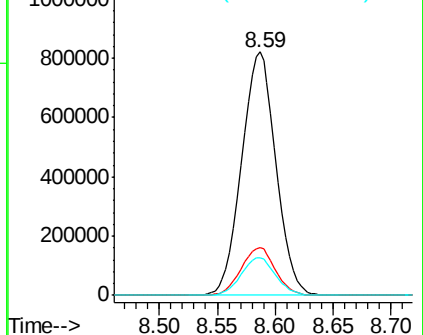
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053106.D
 Acq: 21 Dec 2018 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

Tgt Ion:114 Resp: 1686308
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0

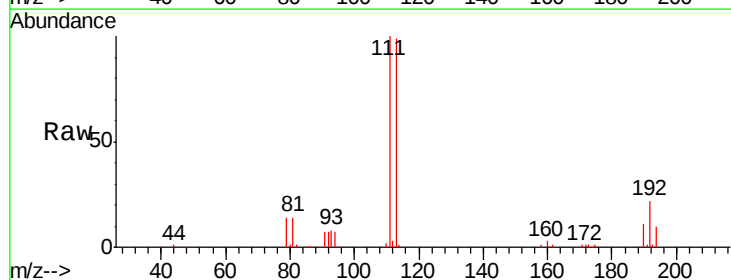


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0

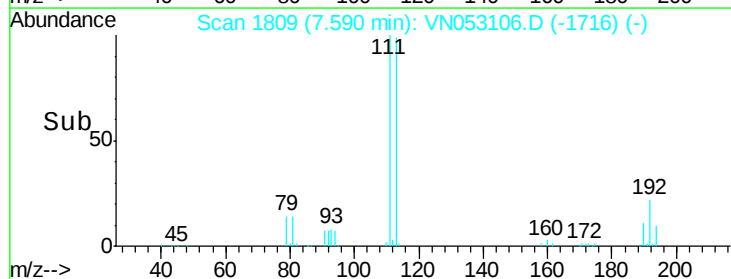
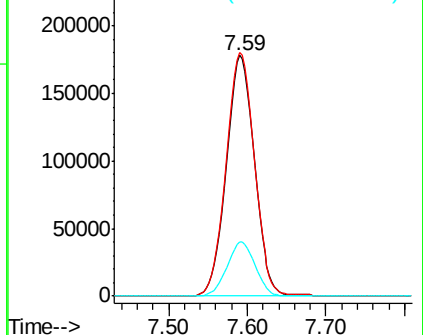


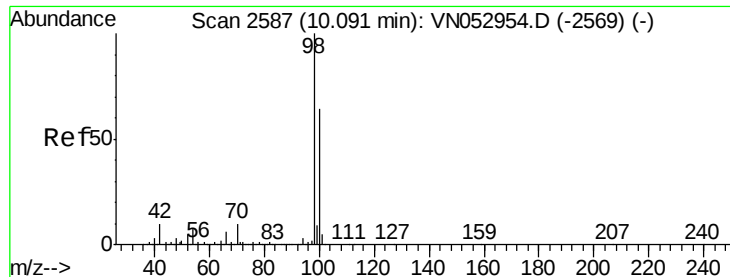
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053106.D
 Acq: 21 Dec 2018 17:07

Tgt Ion:113 Resp: 442668
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 22.3 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: VN053106.D

Acq: 21 Dec 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

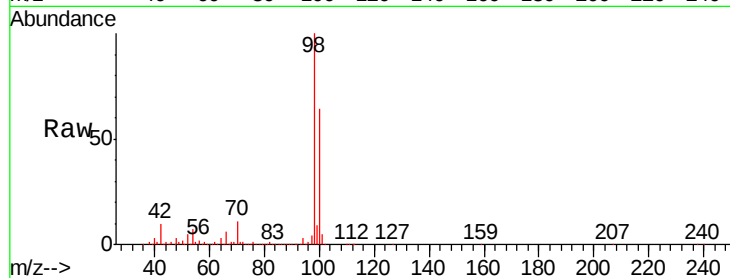
SU-02-121818-B

Tgt Ion: 98 Resp: 2066056

Ion Ratio Lower Upper

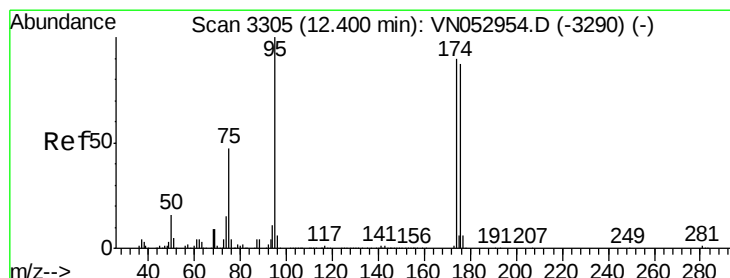
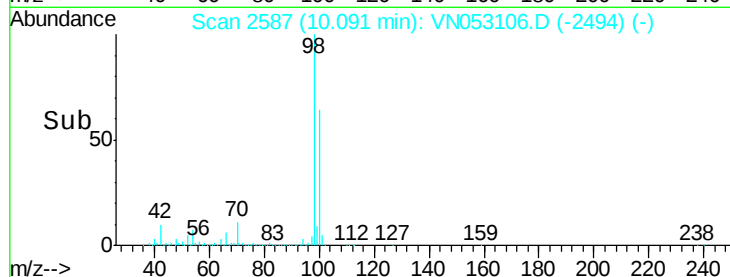
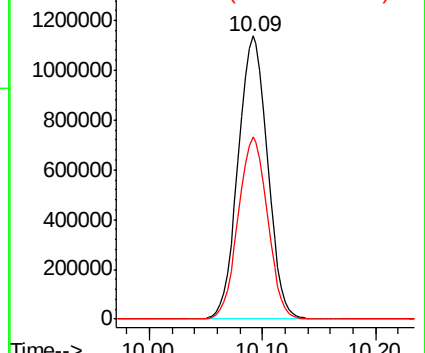
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053106.D

Acq: 21 Dec 2018 17:07

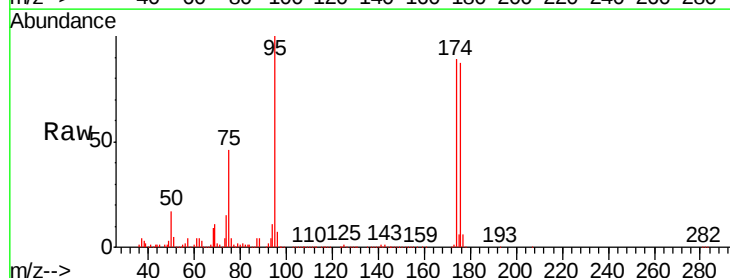
Tgt Ion: 95 Resp: 729830

Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.8

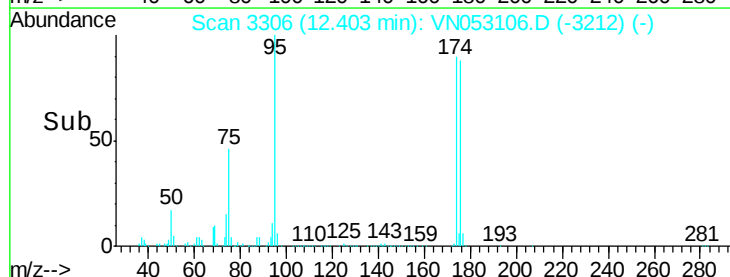
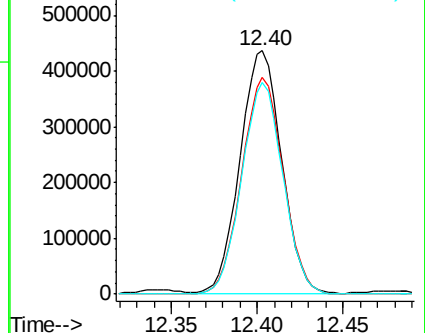
176 86.4 0.0 173.8

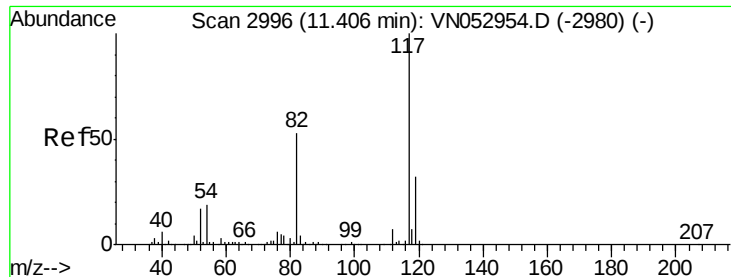


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

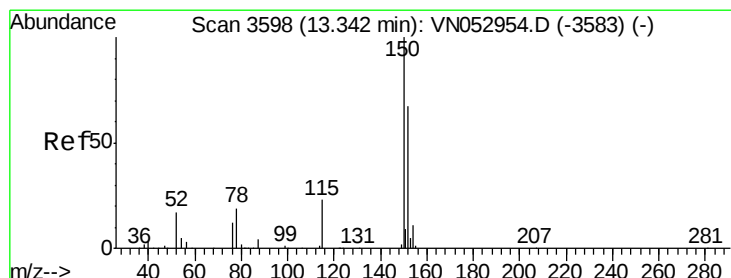
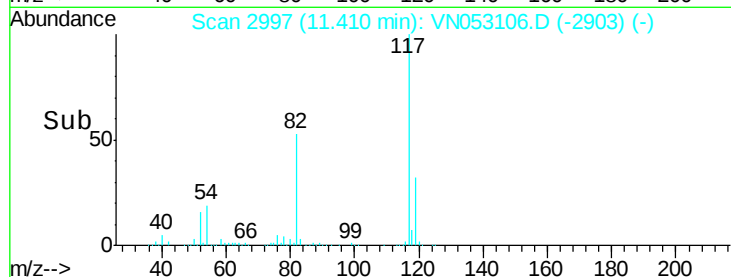
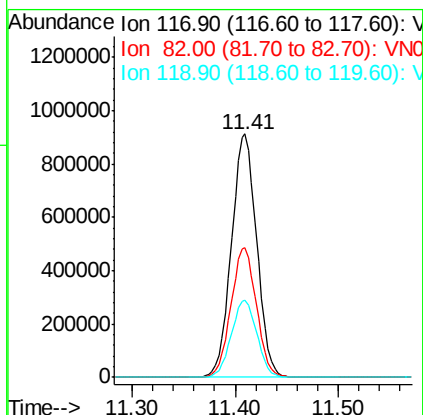
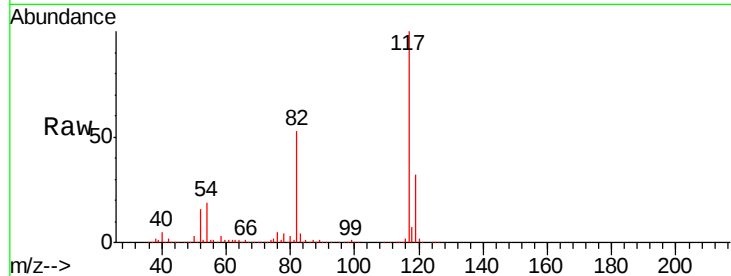




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053106.D
Acq: 21 Dec 2018 17:07

Instrument :
MSVOA_N
ClientSampleId :
SU-02-121818-B

Tgt Ion:117 Resp: 1557831
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053106.D
Acq: 21 Dec 2018 17:07

Tgt Ion:152 Resp: 716153
Ion Ratio Lower Upper
152 100
115 56.6 28.3 85.0
150 156.5 0.0 347.8

