

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053074.D
 Acq On : 20 Dec 2018 23:55
 Operator : MD\SY
 Sample : J6519-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-122018-01

Quant Time: Dec 21 11:34:57 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	1227355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1866957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1655384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	667418	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	596413	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.59	113	509329	59.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.44%	
50) Toluene-d8	10.09	98	2276525	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	740978	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

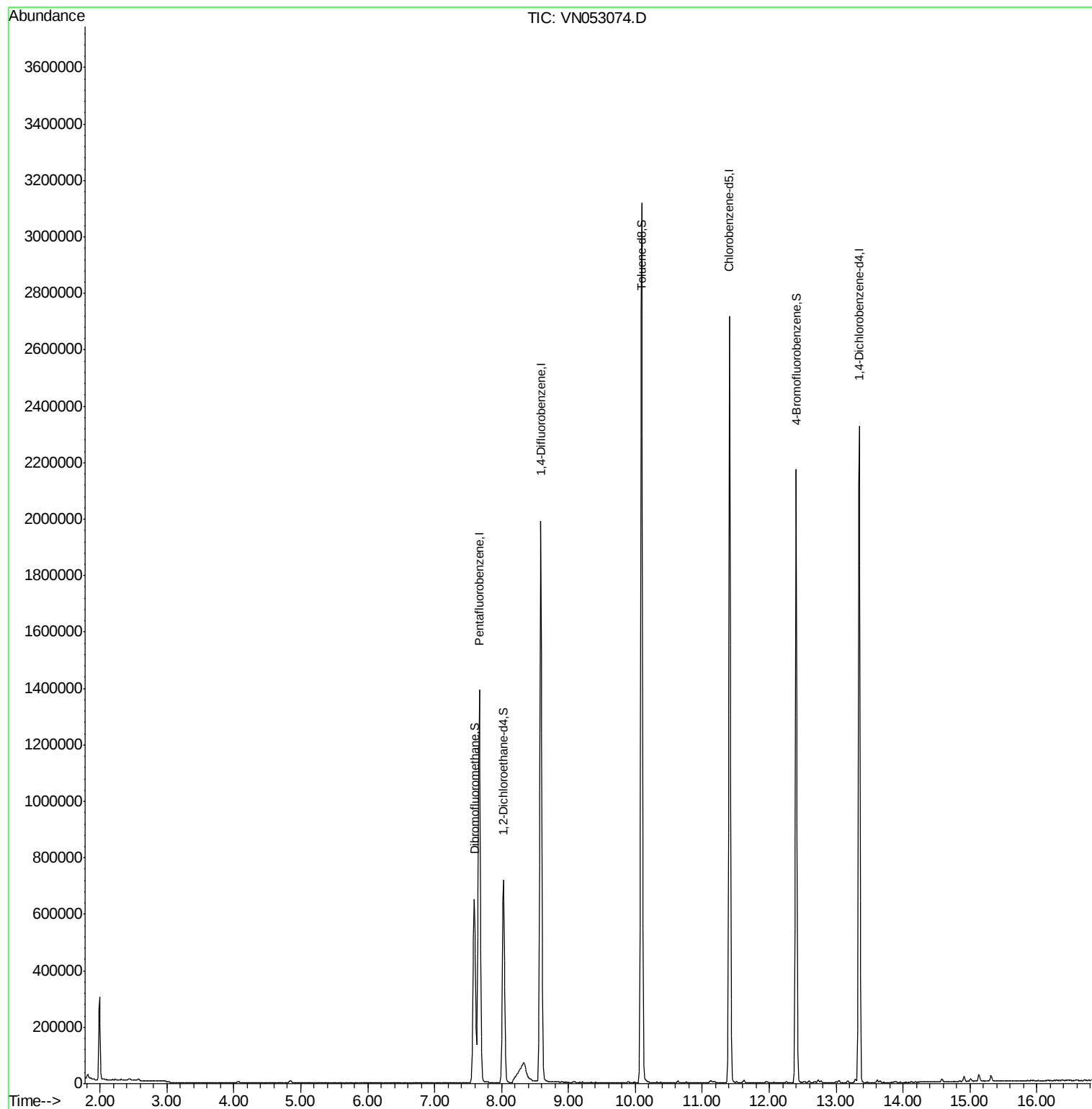
Target Compounds	Qvalue

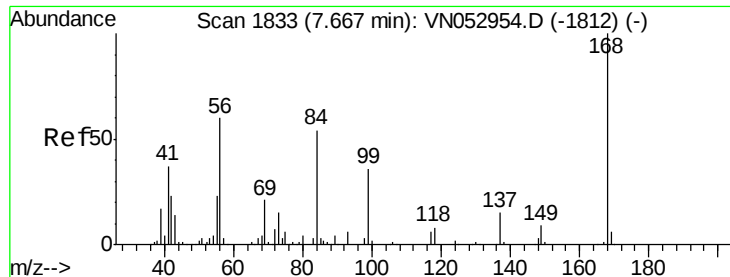
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053074.D

Acq: 20 Dec 2018 23:55

Instrument :

MSVOA_N

ClientSampleId :

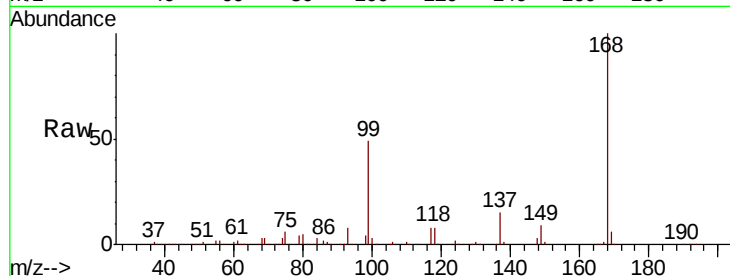
TB-122018-01

Tot Ion:168 Resp: 1227355

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053074.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053074.D (-1740) (-)

7.67

600000

500000

400000

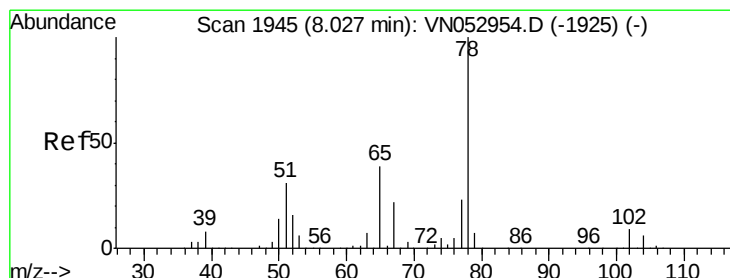
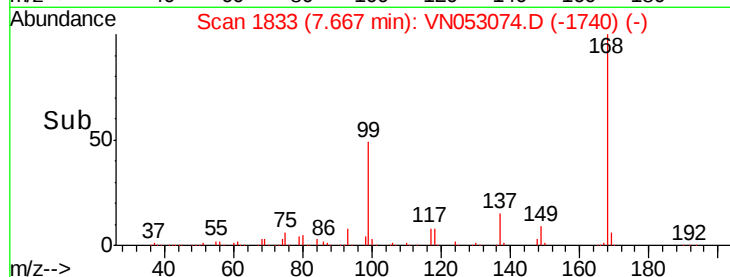
300000

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: VN053074.D

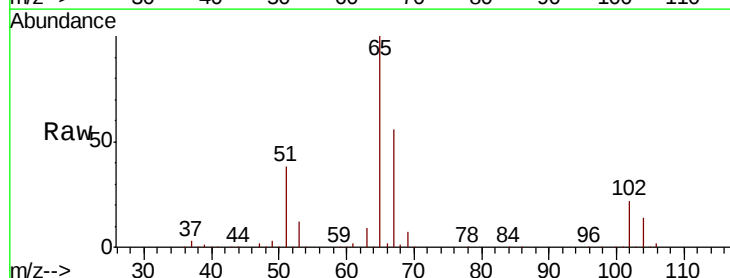
Acq: 20 Dec 2018 23:55

Tgt Ion: 65 Resp: 596413

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053074.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053074.D (-1852) (-)

8.03

300000

250000

200000

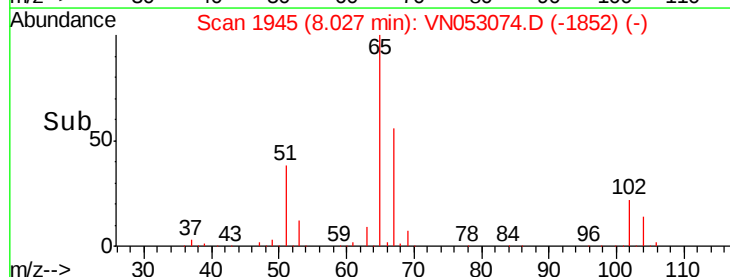
150000

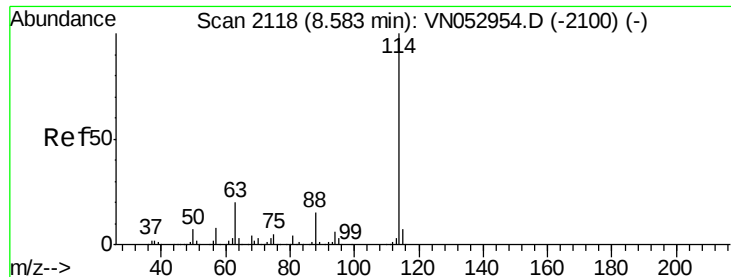
100000

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: VN053074.D

Acq: 20 Dec 2018 23:55

Instrument :

MSVOA_N

ClientSampleId :

TB-122018-01

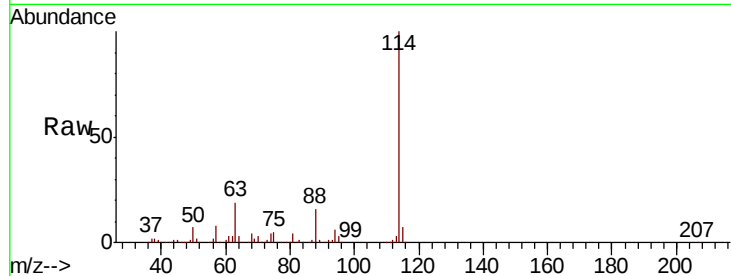
Tot Ion:114 Resp: 1866957

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

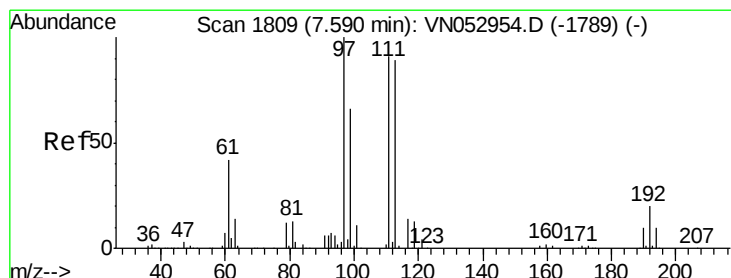
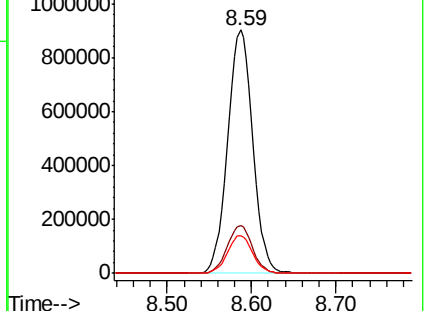
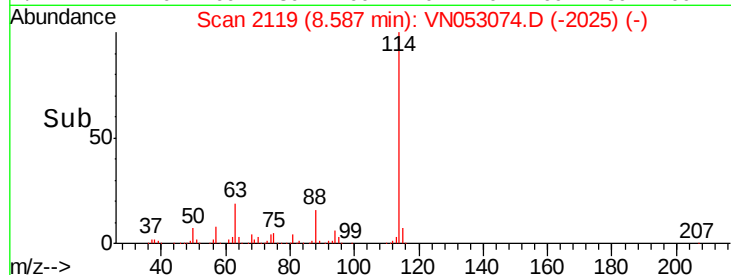
88 15.5 0.0 31.0



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: VN053074.D

Acq: 20 Dec 2018 23:55

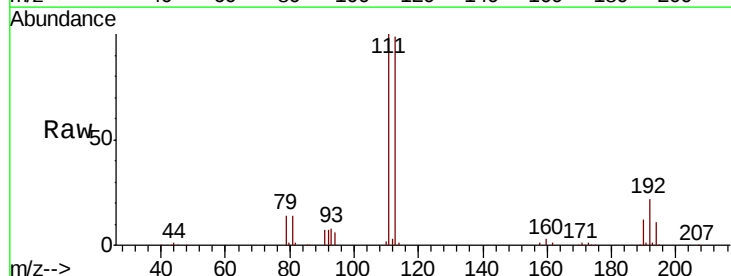
Tgt Ion:113 Resp: 509329

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

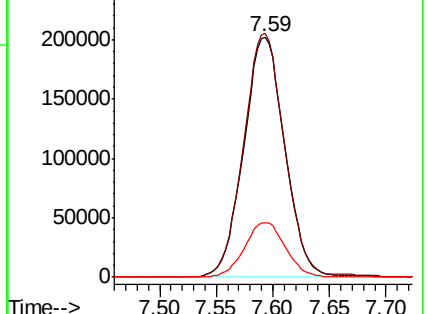
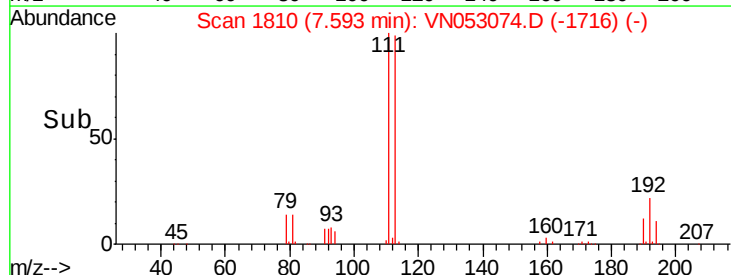
192 22.8 17.5 26.3

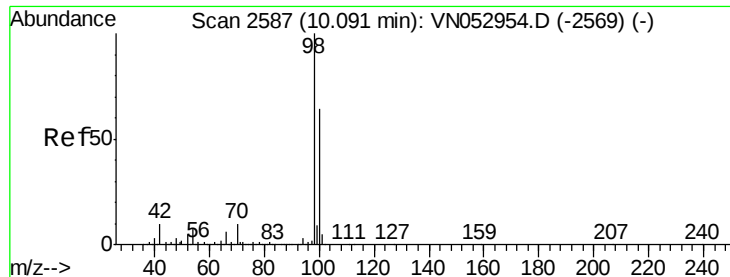


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN053074.D

Acq: 20 Dec 2018 23:55

Instrument :

MSVOA_N

ClientSampled :

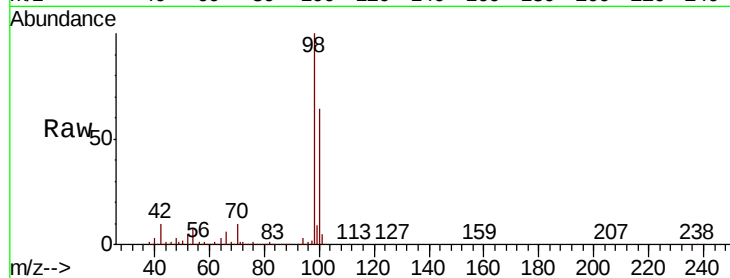
TB-122018-01

Tot Ion: 98 Resp: 2276525

Ion Ratio Lower Upper

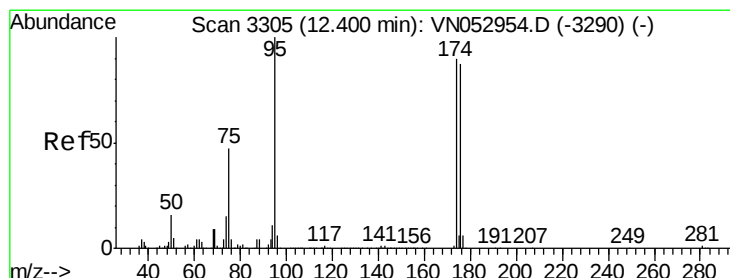
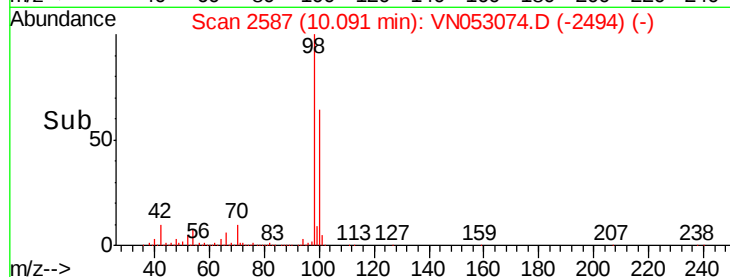
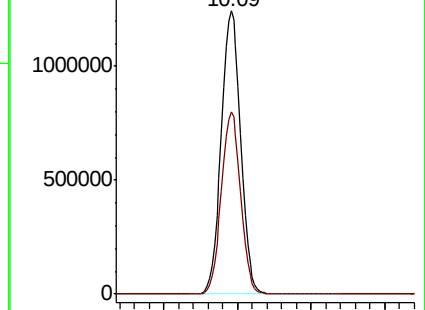
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053074.D

Acq: 20 Dec 2018 23:55

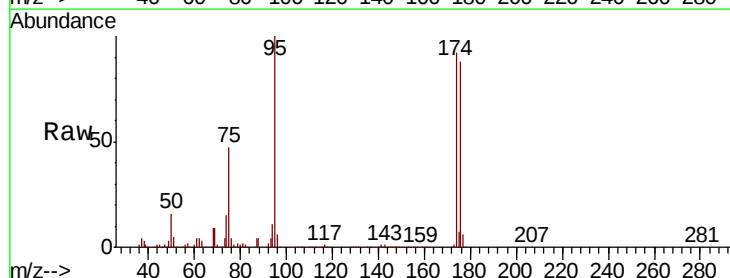
Tgt Ion: 95 Resp: 740978

Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.8

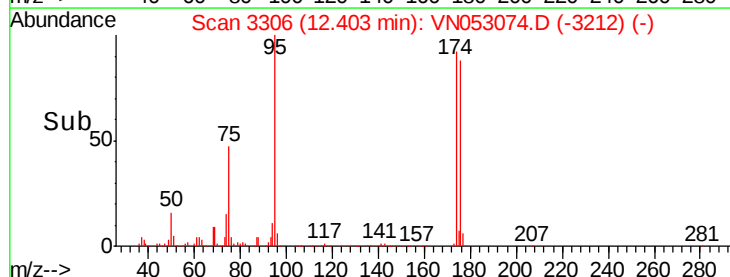
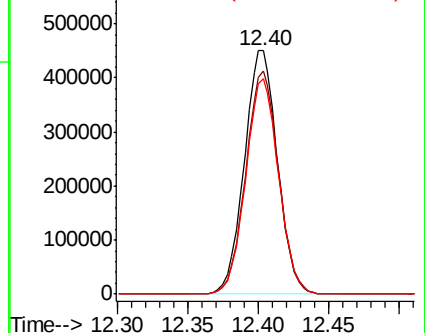
176 87.7 0.0 173.8

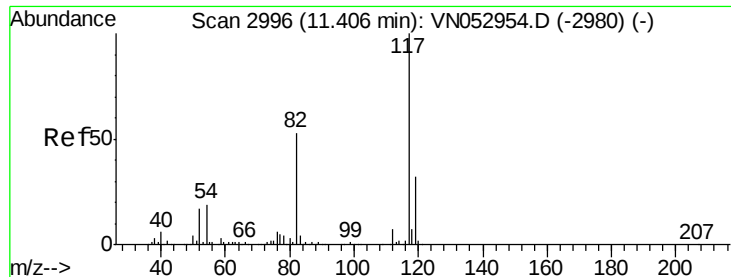


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

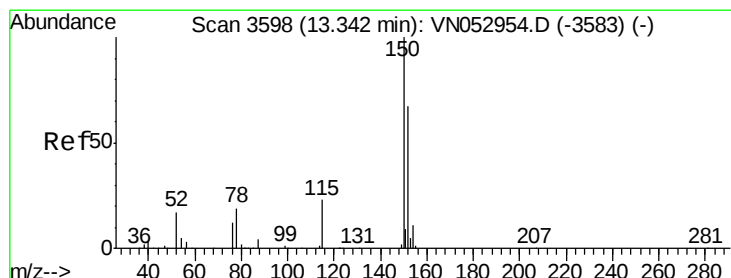
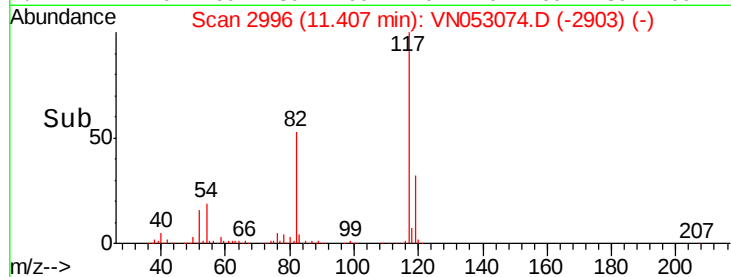
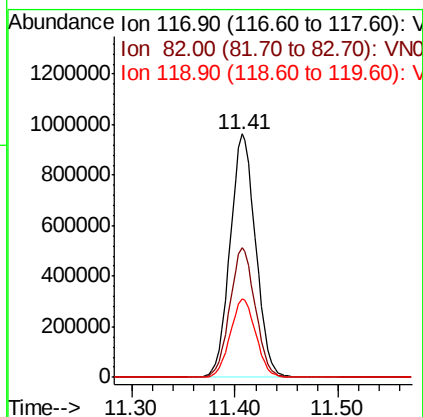
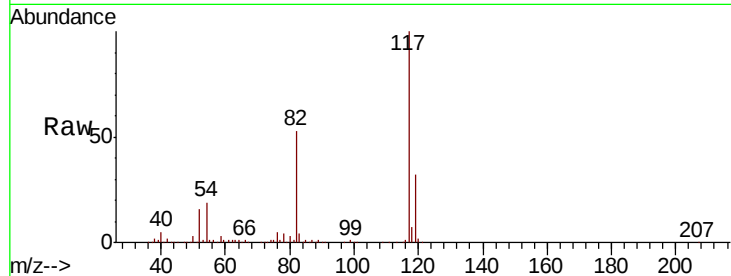




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053074.D
Acq: 20 Dec 2018 23:55

Instrument :
MSVOA_N
ClientSampled :
TB-122018-01

Tot Ion:117 Resp: 1655384
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.1 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: VN053074.D
Acq: 20 Dec 2018 23:55

Tgt Ion:152 Resp: 667418
Ion Ratio Lower Upper
152 100
115 56.0 28.3 85.0
150 156.7 0.0 347.8

