

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051662.D
 Acq On : 4 Oct 2018 12:54
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 05 02:13:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 01:55:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	783130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1130820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	948726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	478977	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	7.59	113	436107	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.09	98	1568784	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.40	95	445391	38.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.16%	

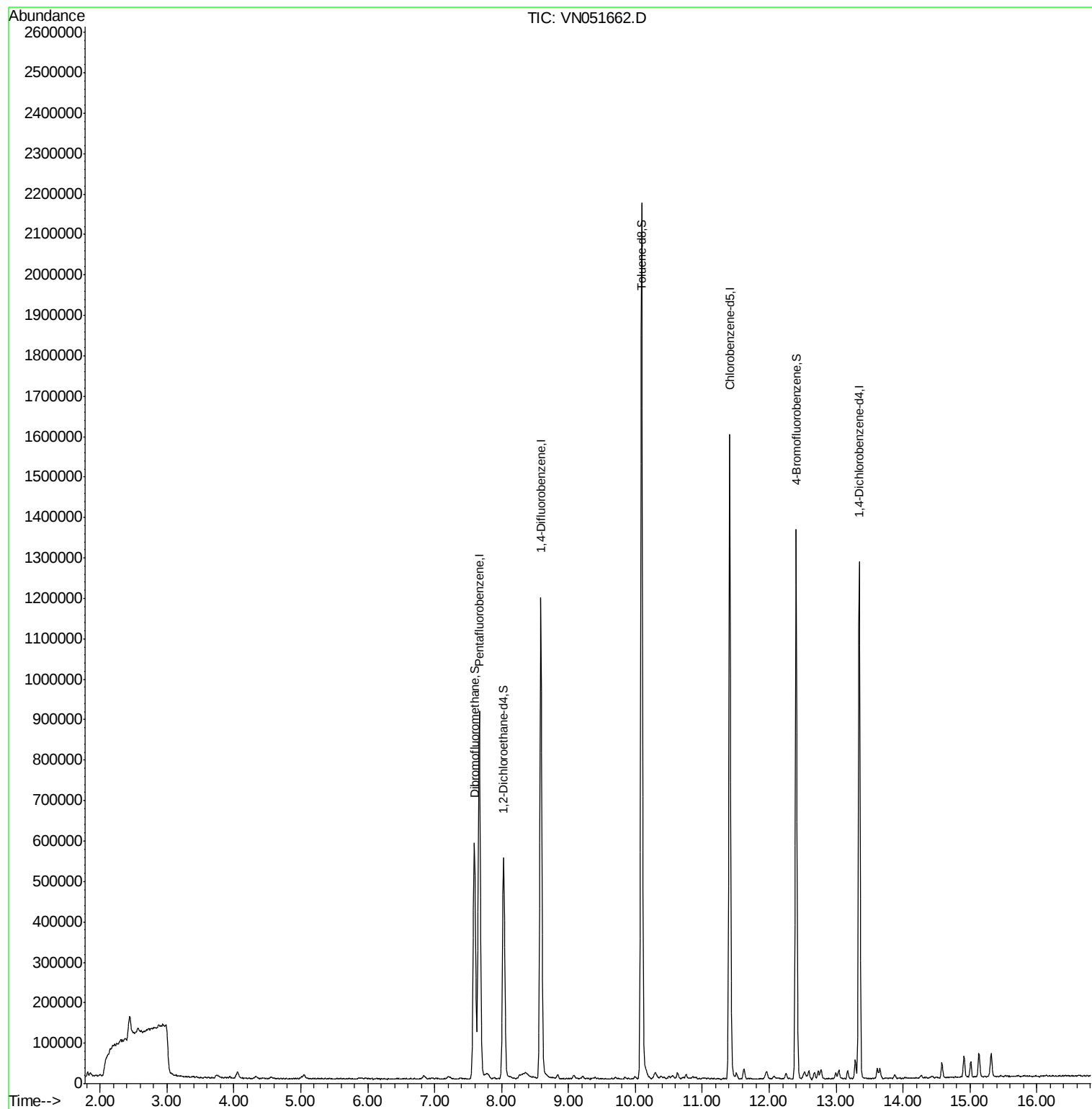
Target Compounds	Qvalue

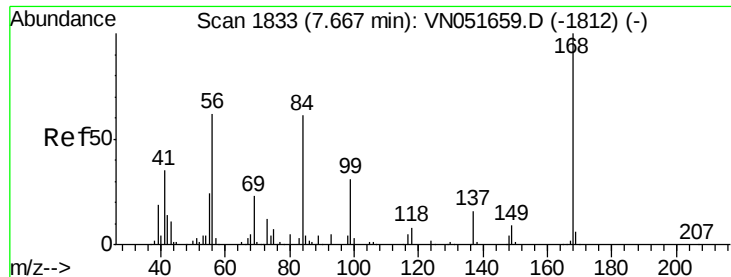
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051662.D

Acq: 4 Oct 2018 12:54

Instrument :

MSVOA_N

ClientSampled :

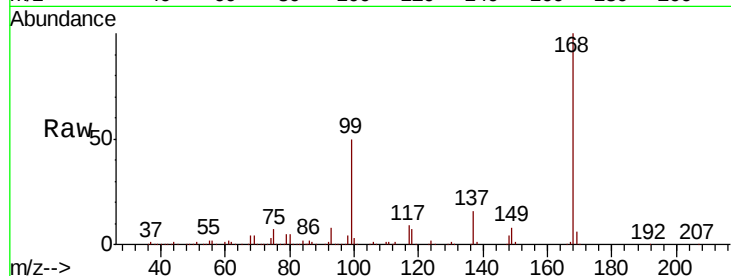
I.BLK

Tot Ion:168 Resp: 783130

Ion Ratio Lower Upper

168 100

99 49.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

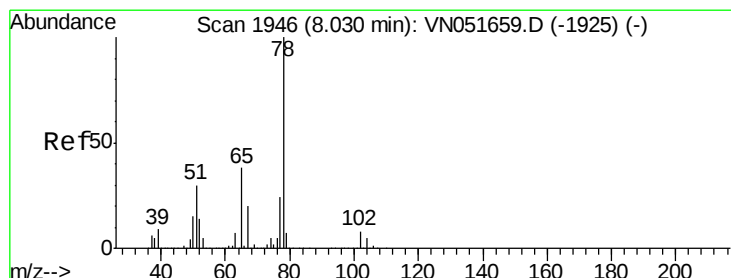
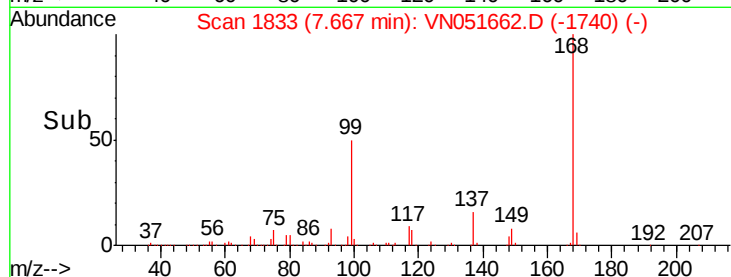
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051662.D

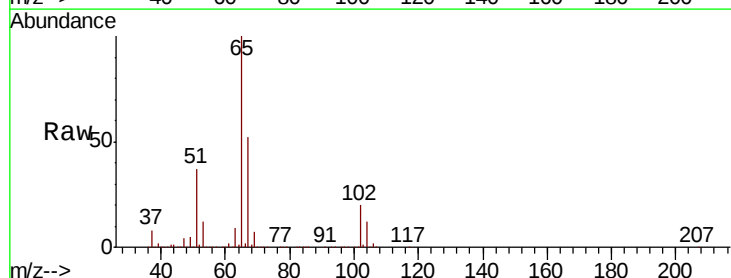
Acq: 4 Oct 2018 12:54

Tgt Ion: 65 Resp: 478977

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

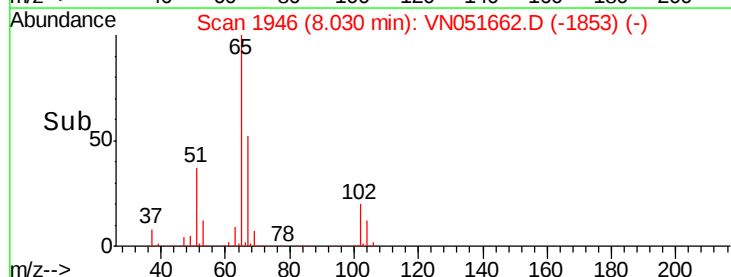
150000

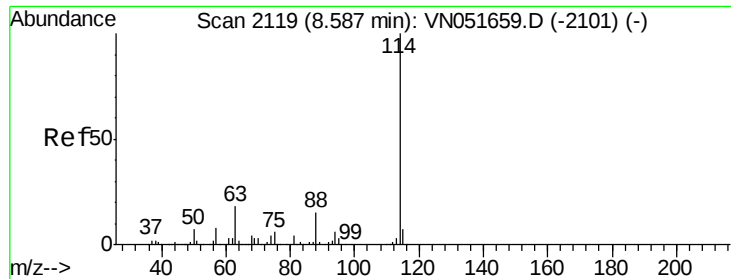
100000

50000

0

Time-->

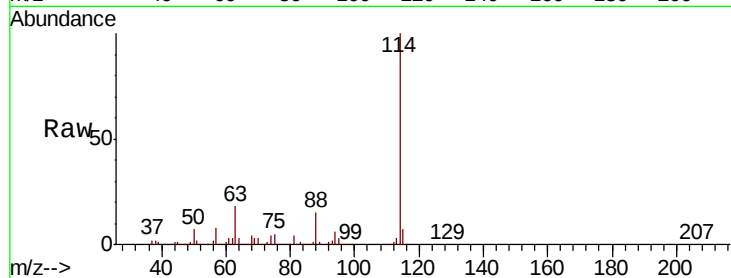




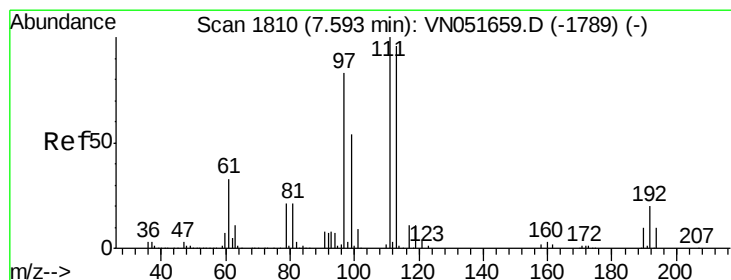
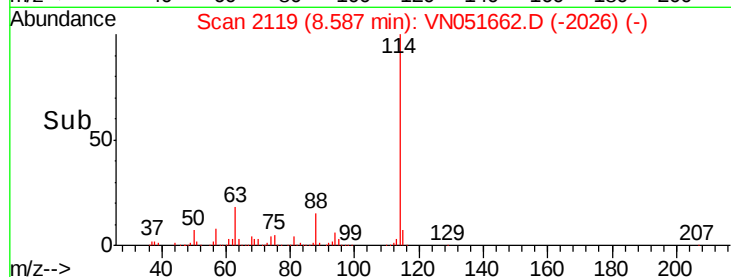
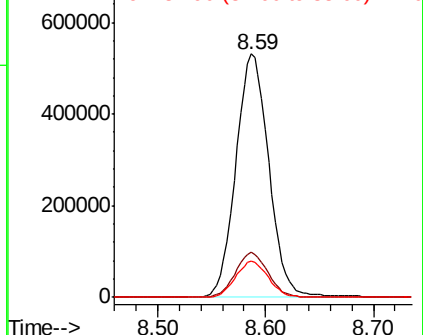
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051662.D
 Acq: 4 Oct 2018 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:114 Resp: 1130820
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 14.9 0.0 30.2

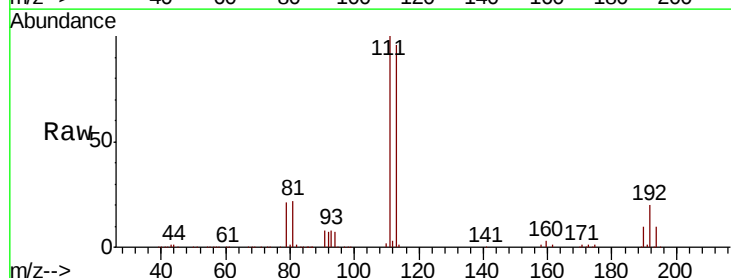


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

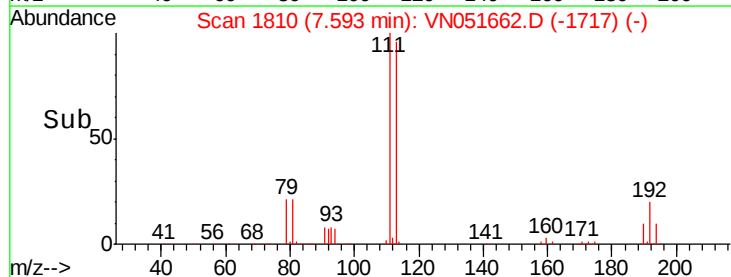
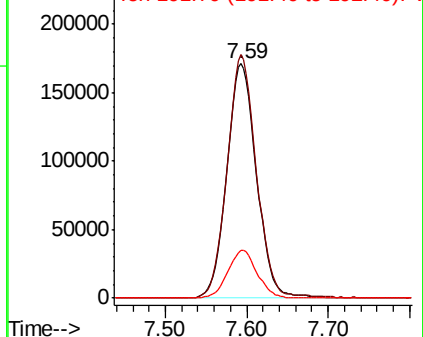


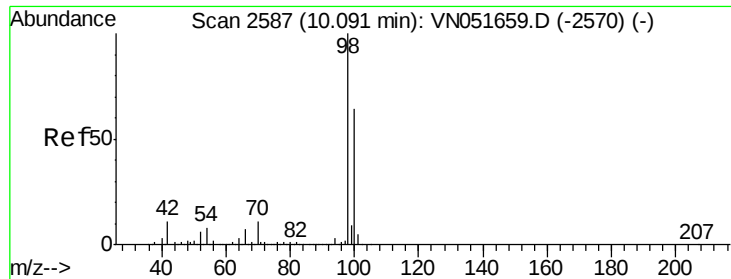
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051662.D
 Acq: 4 Oct 2018 12:54

Tgt Ion:113 Resp: 436107
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 20.3 16.5 24.7



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: VN051662.D

Acq: 4 Oct 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

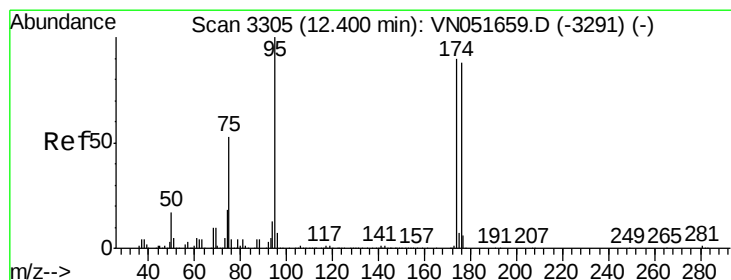
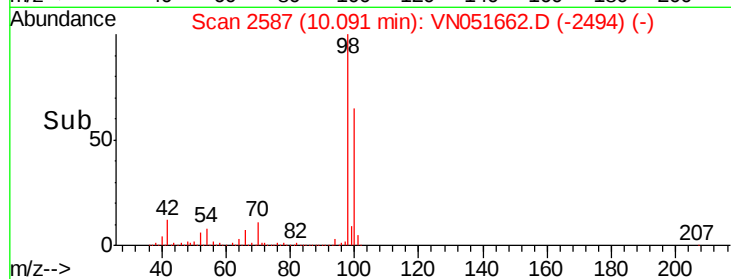
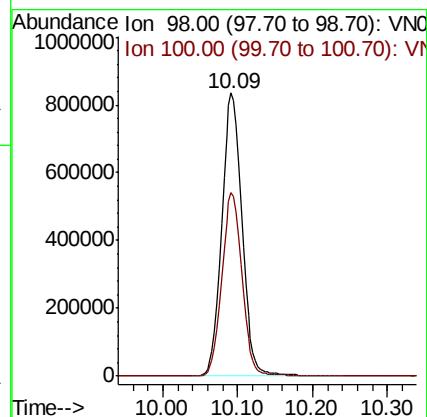
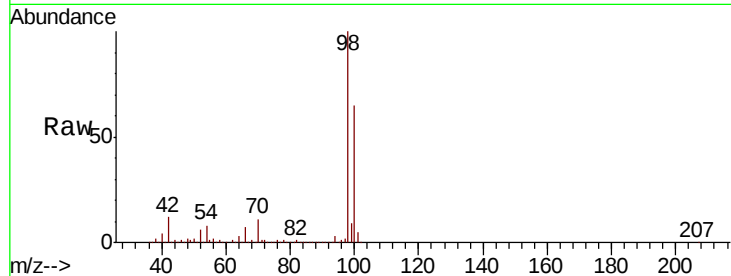
I.BLK

Tot Ion: 98 Resp: 1568784

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051662.D

Acq: 4 Oct 2018 12:54

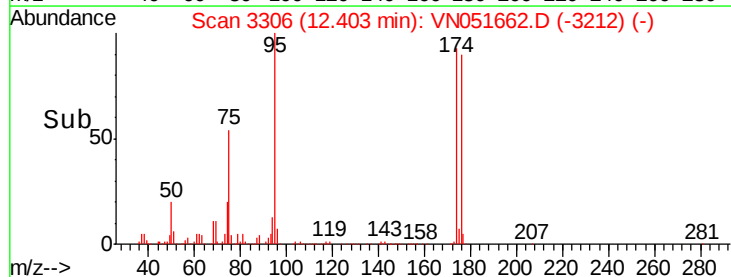
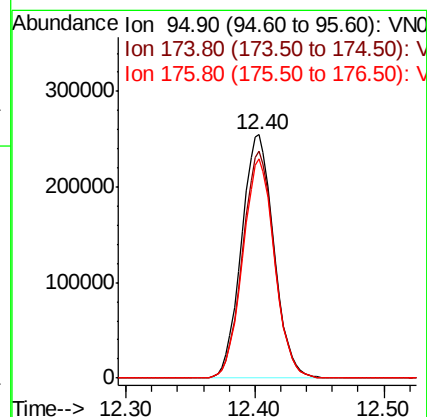
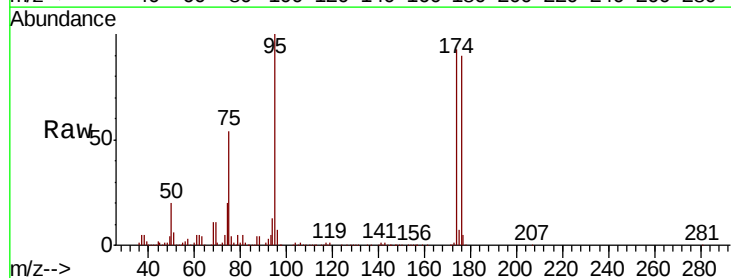
Tgt Ion: 95 Resp: 445391

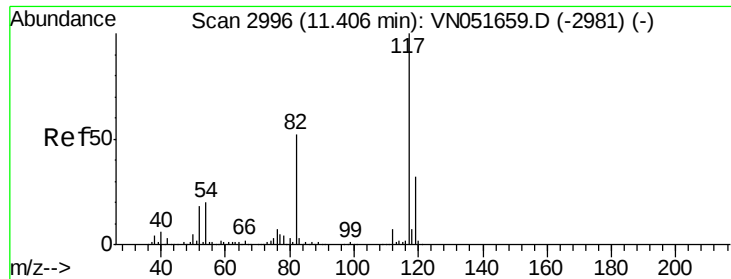
Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

176 88.4 0.0 176.4

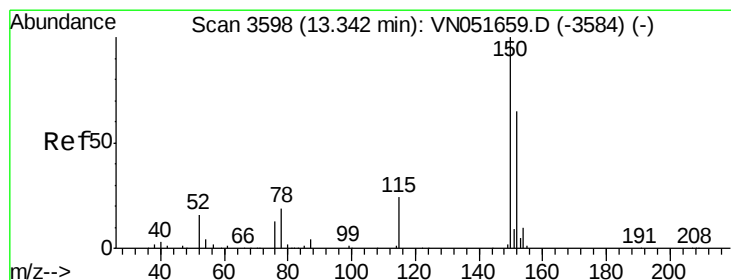
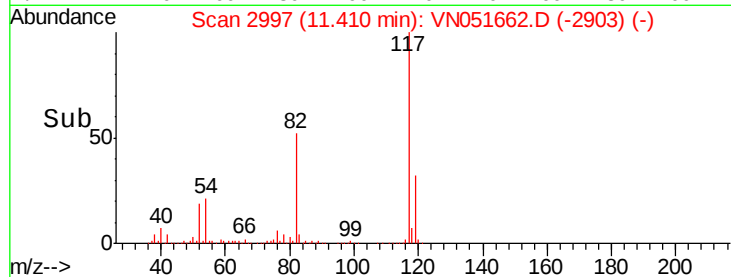
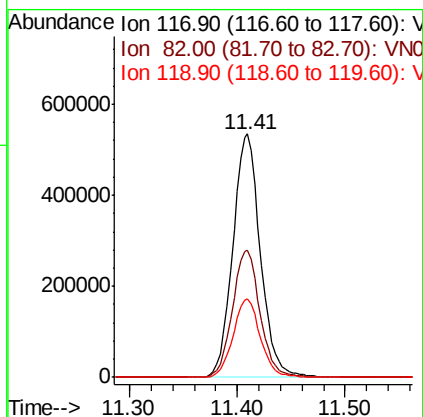
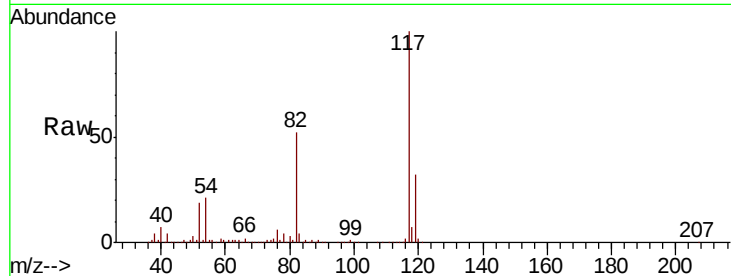




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 948726
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:152 Resp: 353081
Ion Ratio Lower Upper
152 100
115 56.0 28.6 85.8
150 157.1 0.0 352.4

