

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051778.D
 Acq On : 10 Oct 2018 9:55
 Operator : MD\SY
 Sample : VN1010WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBL01

Quant Time: Oct 11 02:10:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	758891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1089479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	957384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	429864	42.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.76%	
35) Dibromofluoromethane	7.59	113	404404	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1518506	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	446734	40.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.32%	

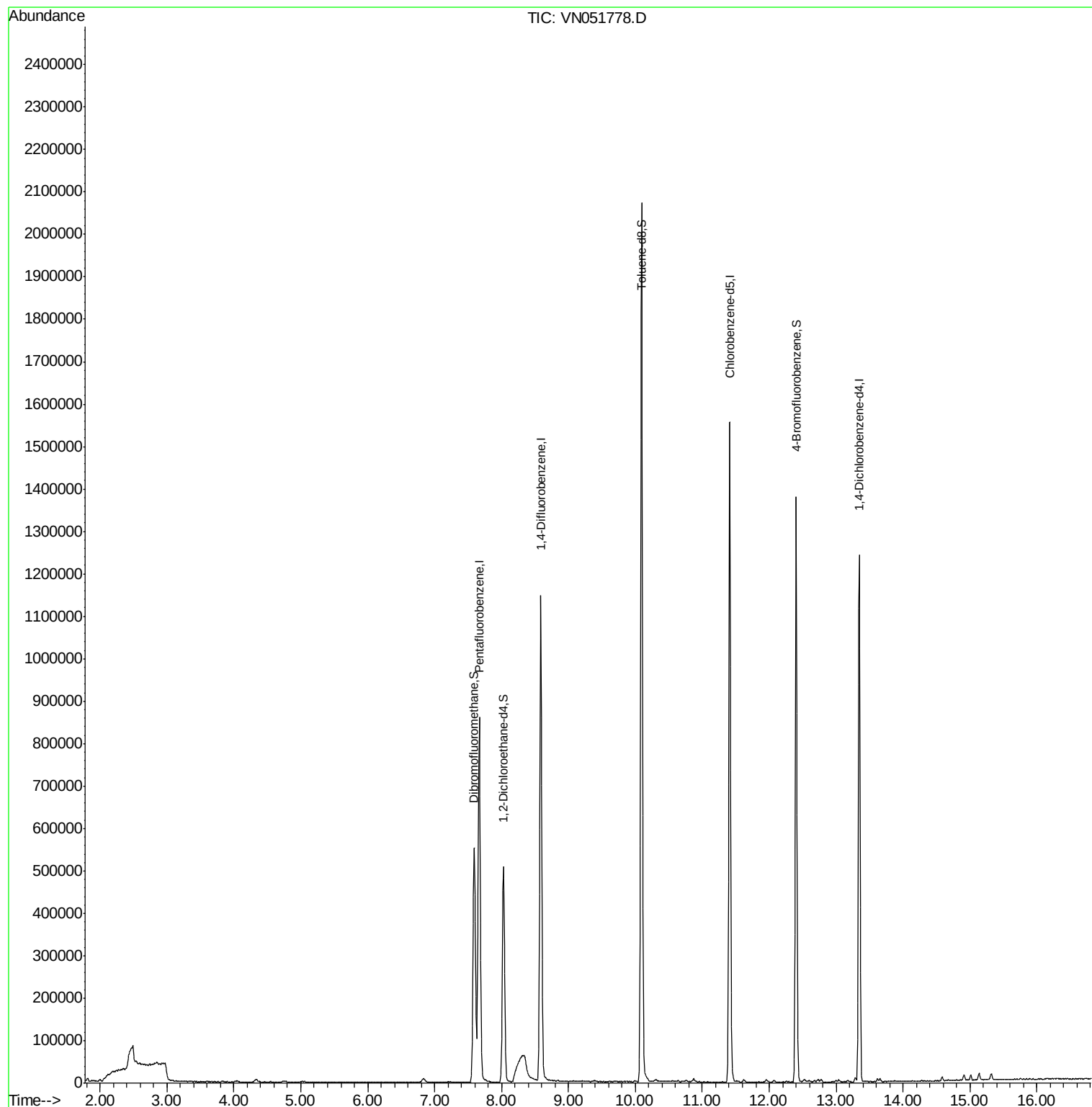
Target Compounds	Qvalue

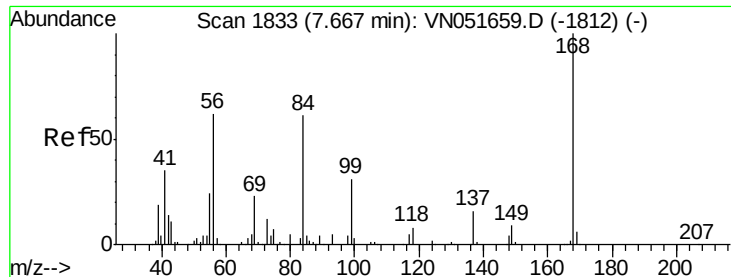
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051778.D

Acq: 10 Oct 2018 9:55

Instrument :

MSVOA_N

ClientSampleId :

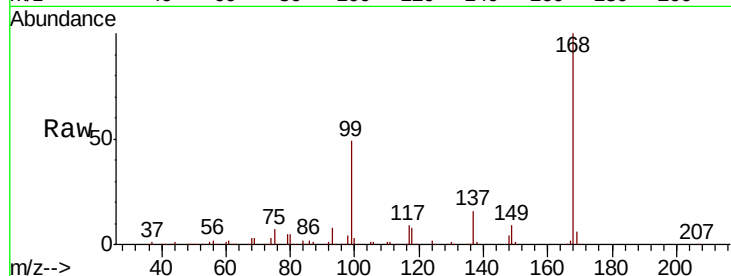
VN1010WBL01

Tot Ion:168 Resp: 758891

Ion Ratio Lower Upper

168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

200000

100000

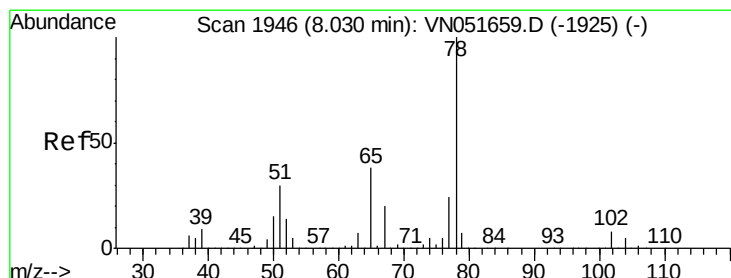
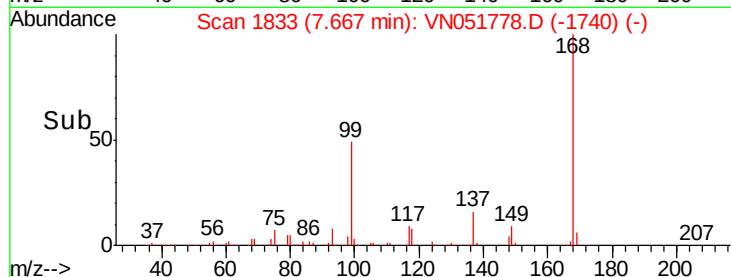
0

Time-->

7.60

7.70

7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051778.D

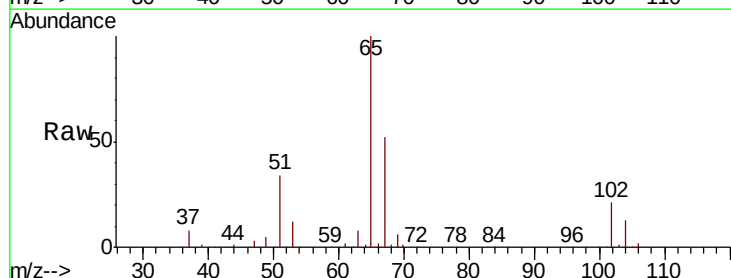
Acq: 10 Oct 2018 9:55

Tgt Ion: 65 Resp: 429864

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.6



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

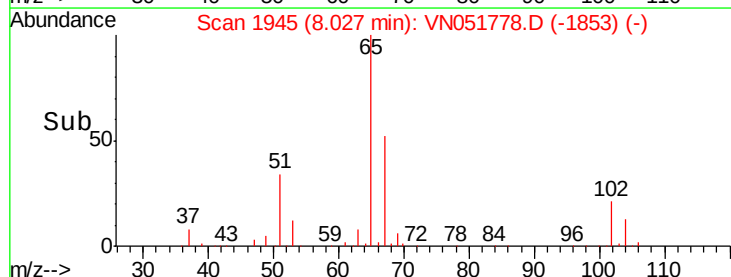
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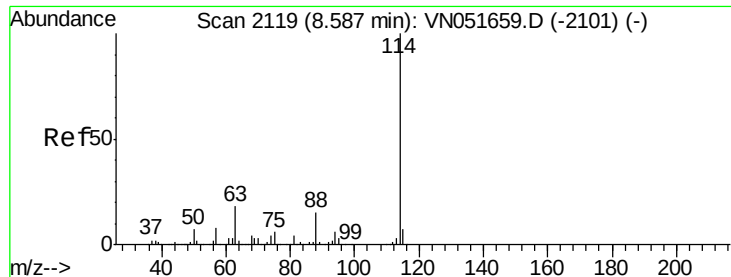
Time-->

7.90

8.00

8.10



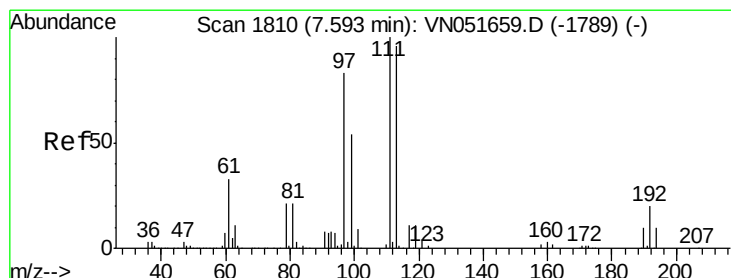
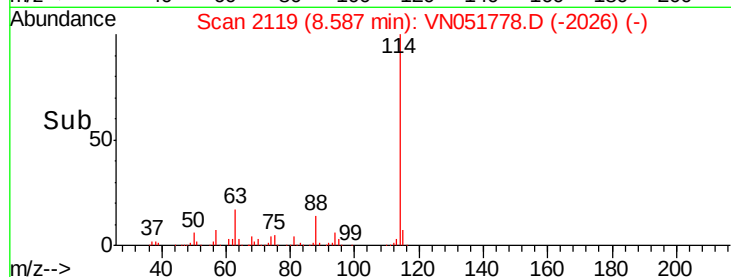
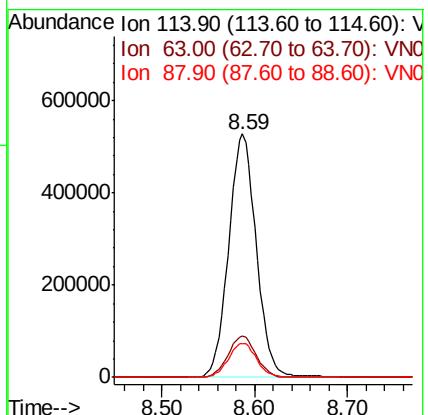
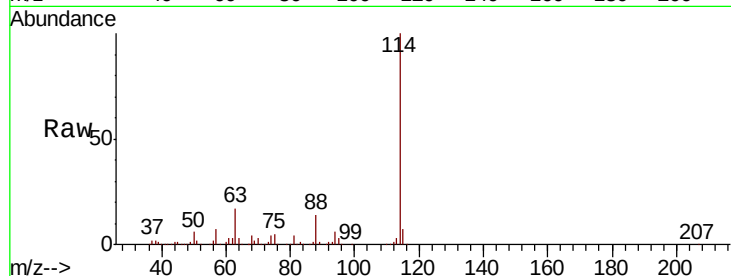


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051778.D
 Acq: 10 Oct 2018 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBL01

Tot Ion:114 Resp: 1089479

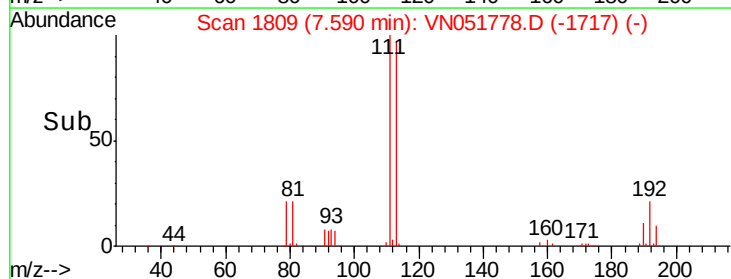
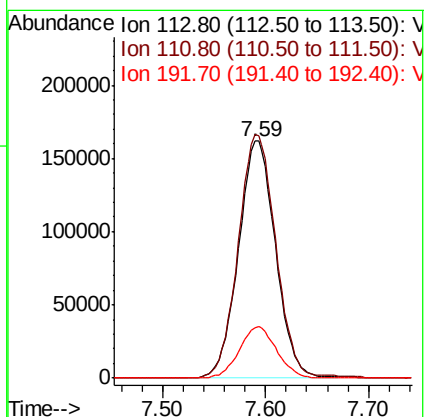
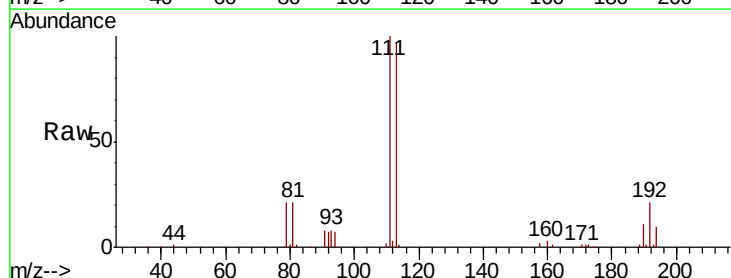
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.2
88	14.0	0.0	30.2

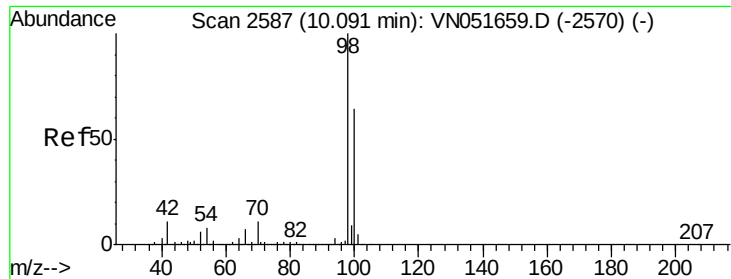


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051778.D
 Acq: 10 Oct 2018 9:55

Tgt Ion:113 Resp: 404404

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.8	122.8
192	21.8	16.5	24.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051778.D

Acq: 10 Oct 2018 9:55

Instrument :

MSVOA_N

ClientSampleId :

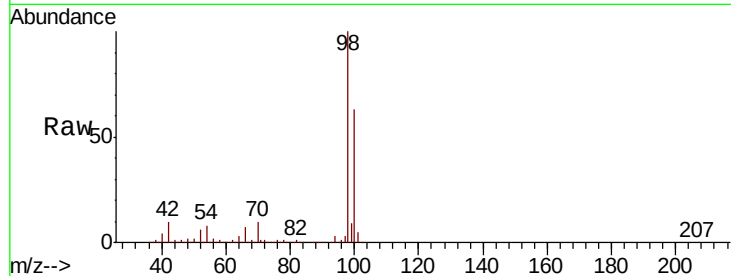
VN1010WBL01

Tot Ion: 98 Resp: 1518506

Ion Ratio Lower Upper

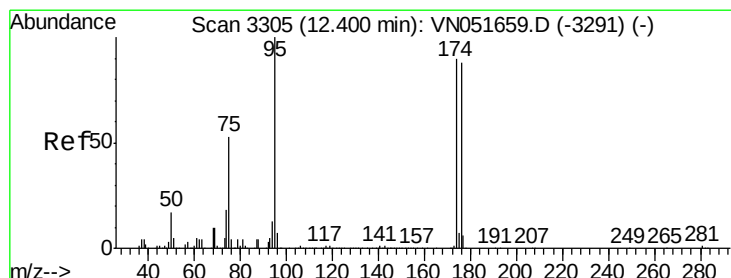
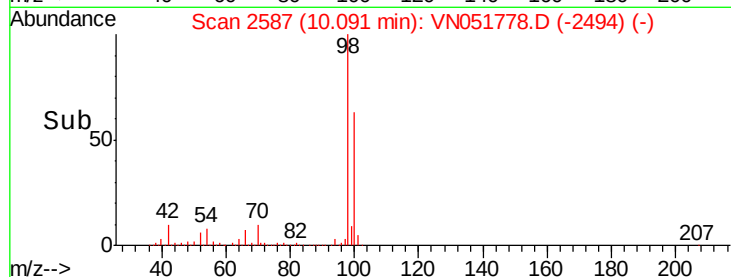
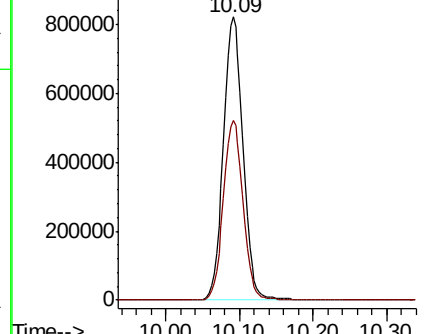
98 100

100 63.7 51.5 77.3



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: VN051778.D

Acq: 10 Oct 2018 9:55

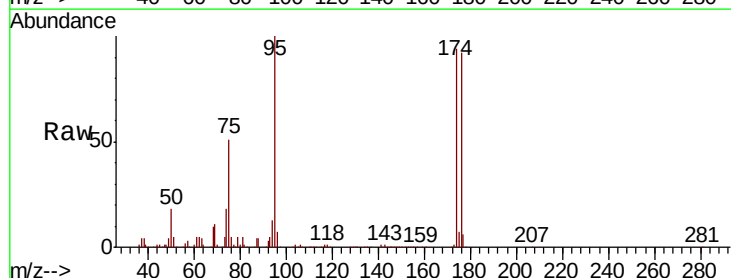
Tgt Ion: 95 Resp: 446734

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.8

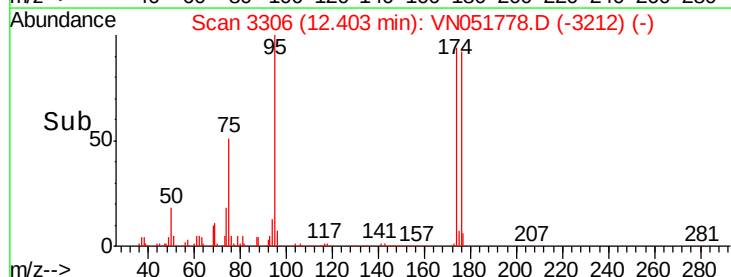
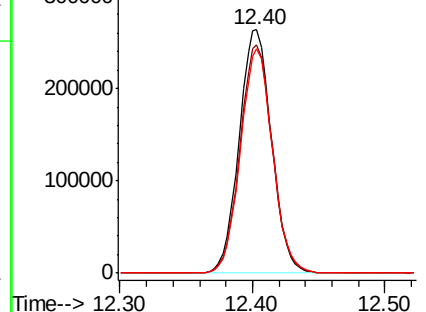
176 91.5 0.0 176.4

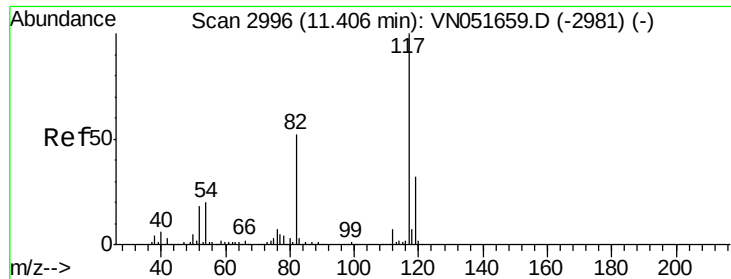


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

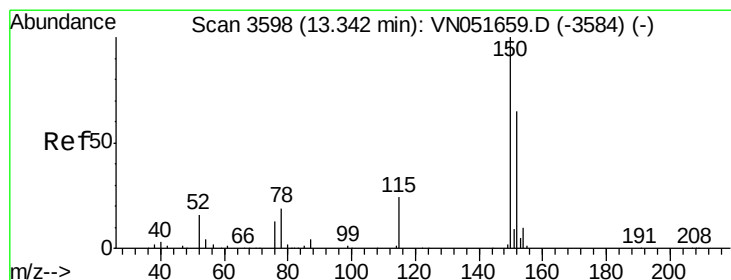
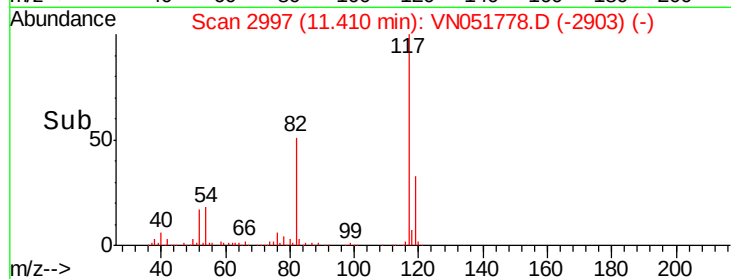
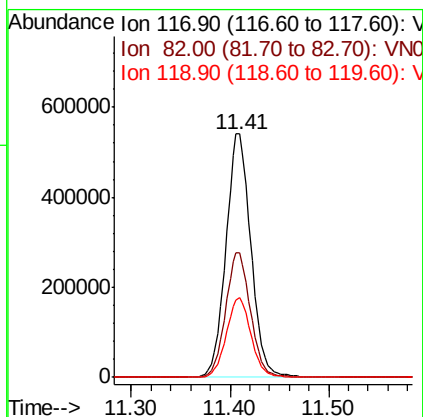
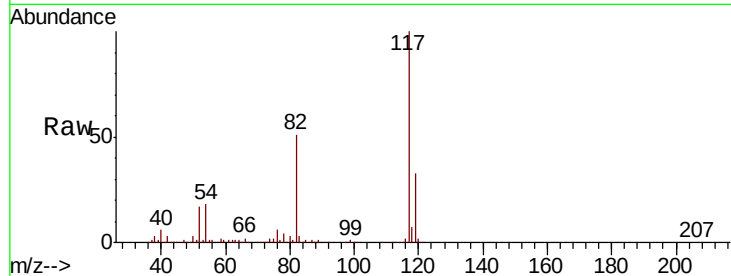




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051778.D
Acq: 10 Oct 2018 9:55

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBL01

Tot Ion:117 Resp: 957384
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 32.5 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: VN051778.D
Acq: 10 Oct 2018 9:55

Tgt Ion:152 Resp: 356078
Ion Ratio Lower Upper
152 100
115 56.0 28.6 85.8
150 158.8 0.0 352.4

