

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051753.D
 Acq On : 9 Oct 2018 17:18
 Operator : MD\SY
 Sample : VN1009WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL02

Quant Time: Oct 10 04:13:52 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	787436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1124740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	989878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362631	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	462121	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
35) Dibromofluoromethane	7.59	113	422984	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.09	98	1614230	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	453291	39.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.94%	

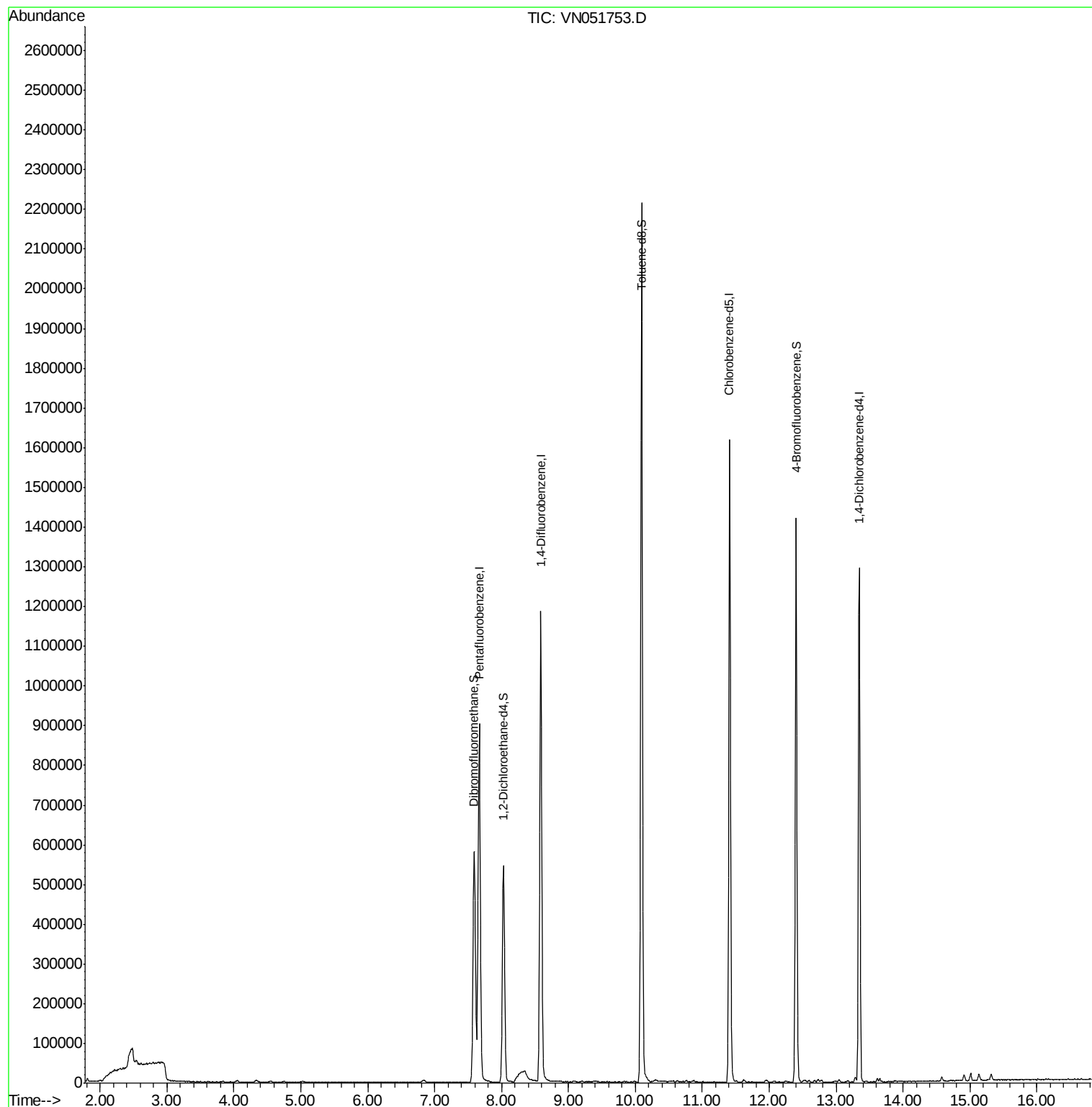
Target Compounds	Qvalue

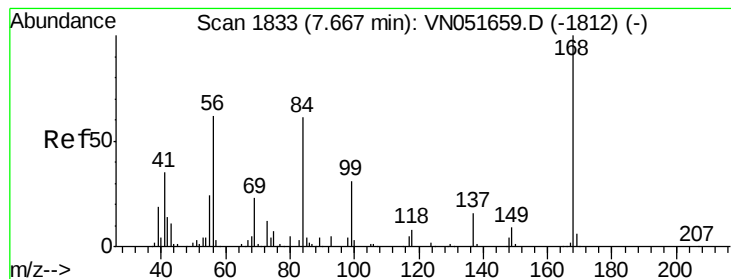
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051753.D

Acq: 9 Oct 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

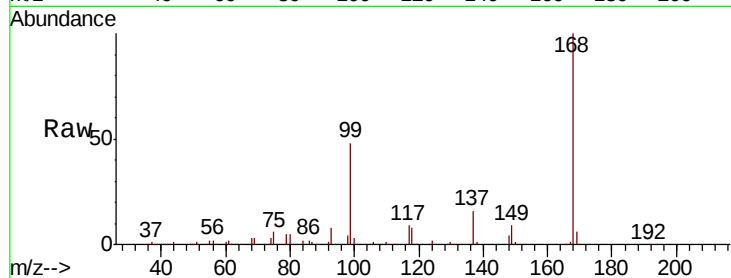
VN1009WBL02

Tot Ion:168 Resp: 787436

Ion Ratio Lower Upper

168 100

99 48.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051753.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051753.D (-1812) (-)

7.67

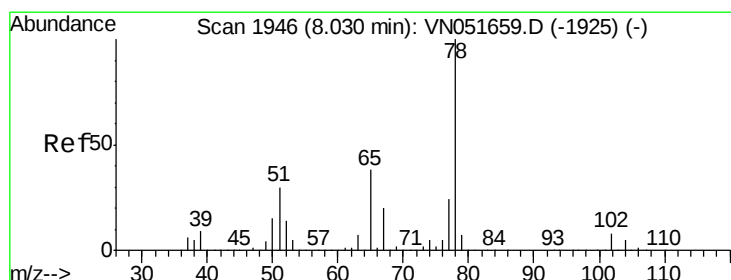
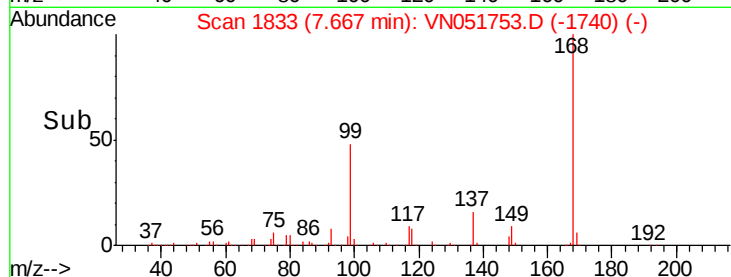
300000

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: VN051753.D

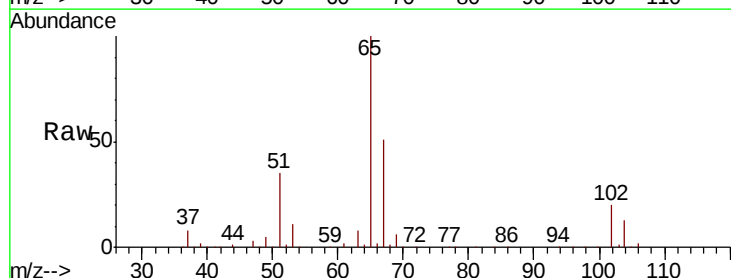
Acq: 9 Oct 2018 17:18

Tgt Ion: 65 Resp: 462121

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051753.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051753.D (-1853) (-)

8.03

200000

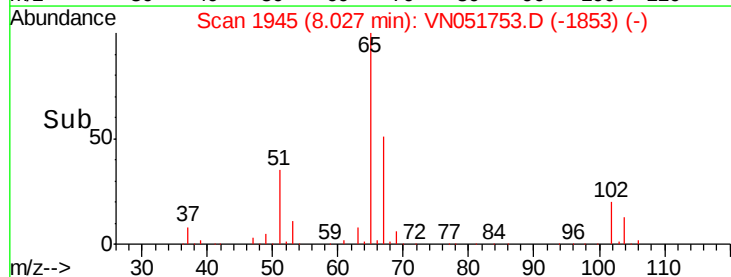
150000

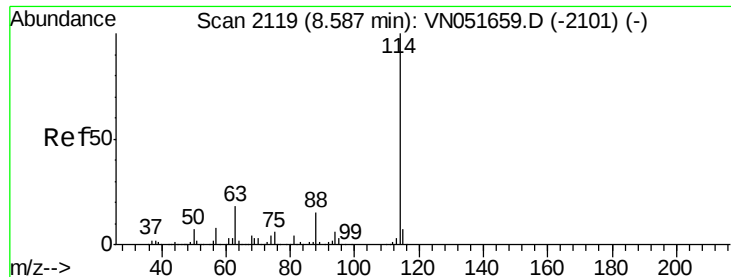
100000

50000

0

Time-->

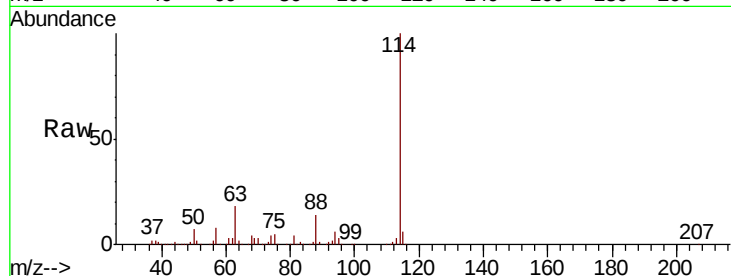




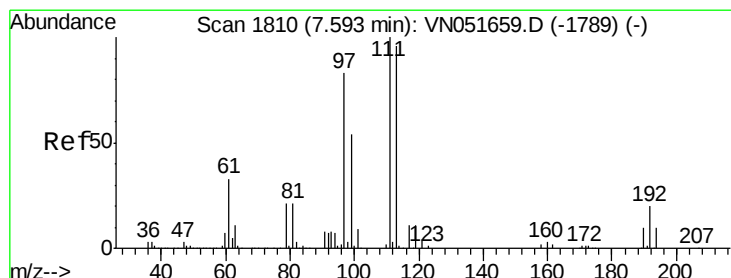
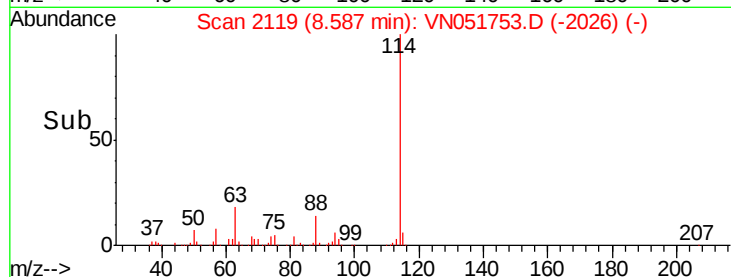
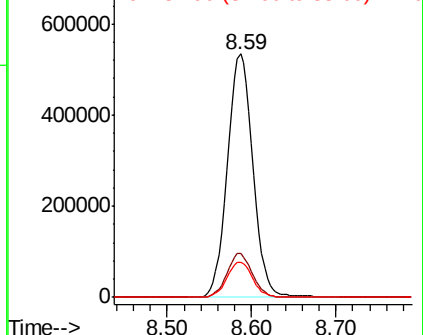
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051753.D
 Acq: 9 Oct 2018 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL02

Tot Ion:114 Resp: 1124740
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.2
 88 14.3 0.0 30.2

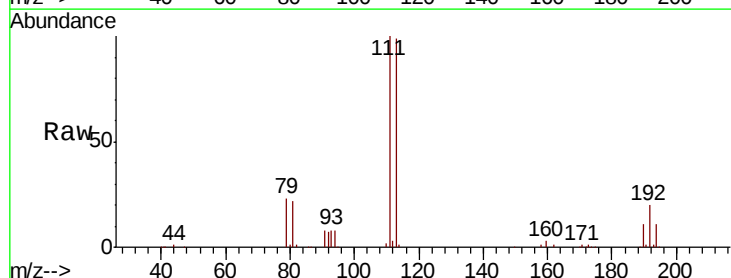


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

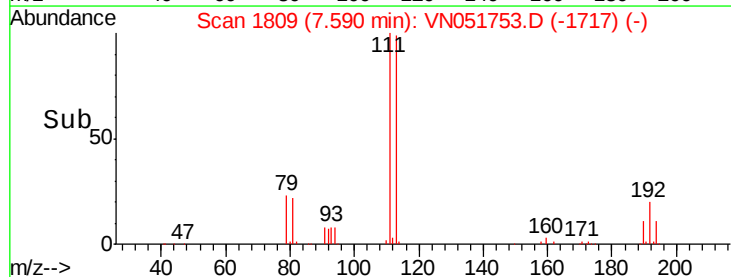
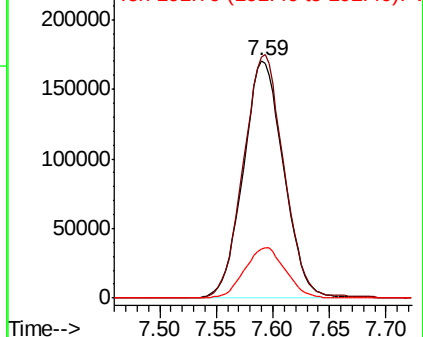


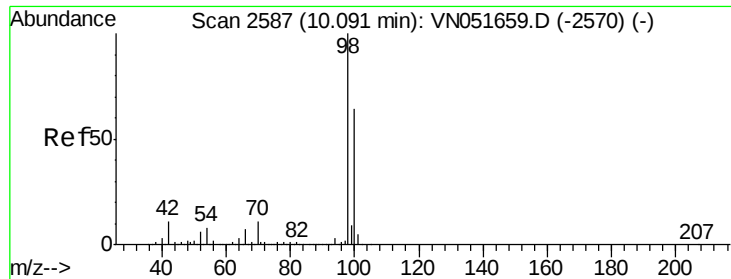
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051753.D
 Acq: 9 Oct 2018 17:18

Tgt Ion:113 Resp: 422984
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 21.6 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: VN051753.D

Acq: 9 Oct 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

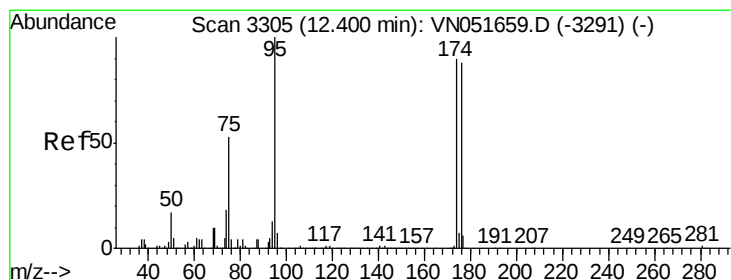
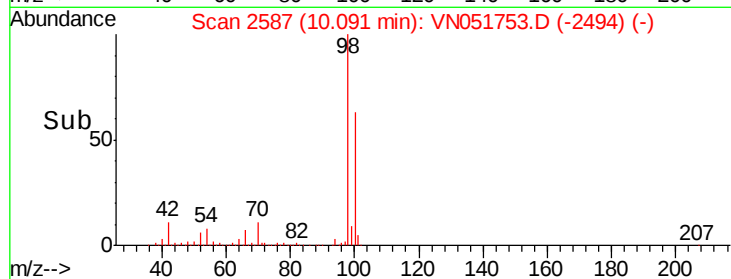
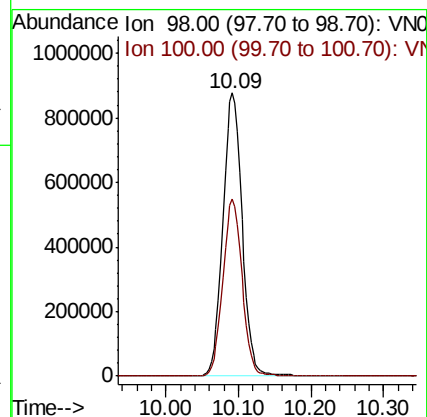
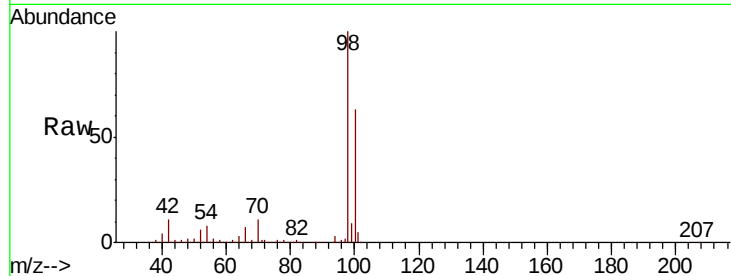
VN1009WBL02

Tot Ion: 98 Resp: 1614230

Ion Ratio Lower Upper

98 100

100 62.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051753.D

Acq: 9 Oct 2018 17:18

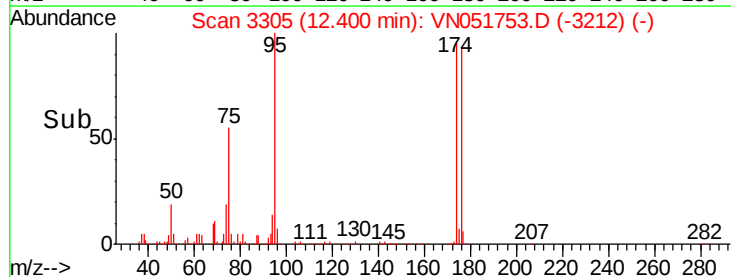
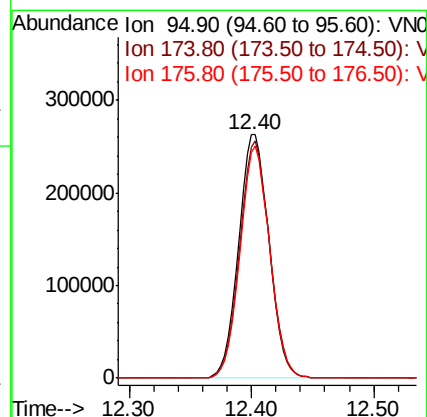
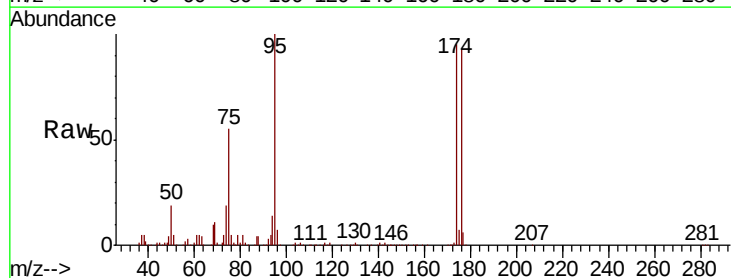
Tgt Ion: 95 Resp: 453291

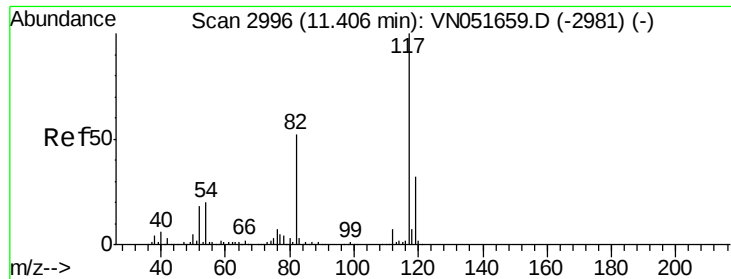
Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.8

176 92.8 0.0 176.4

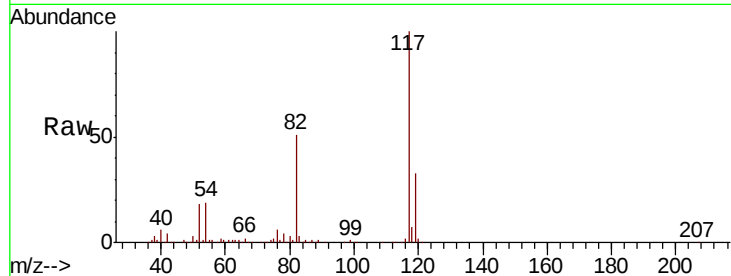




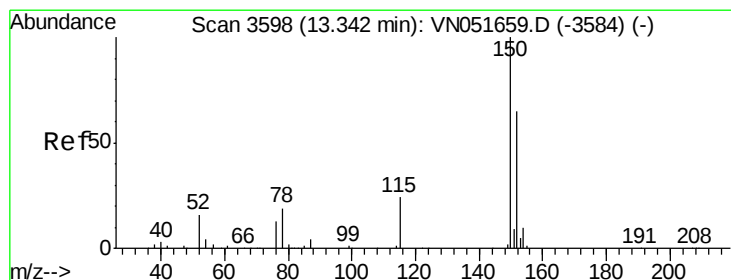
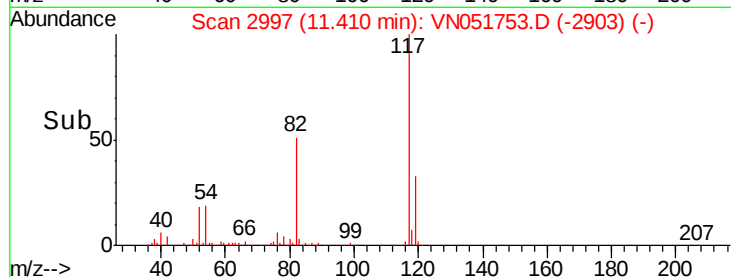
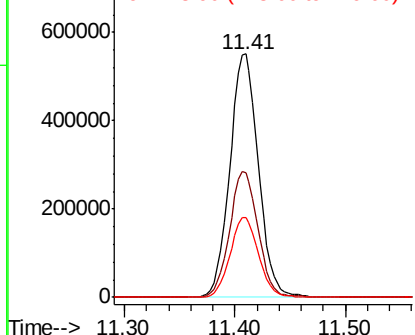
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051753.D
Acq: 9 Oct 2018 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.3	61.9
119	32.8	25.9	38.9

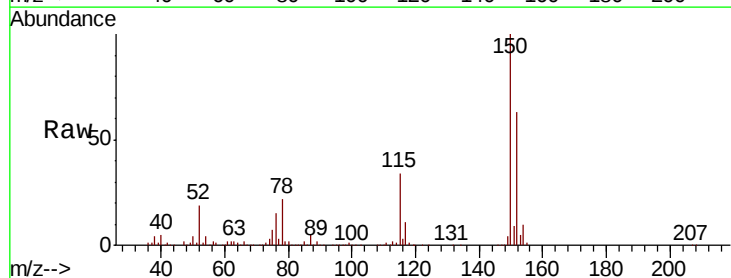


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051753.D
Acq: 9 Oct 2018 17:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.6	85.8
150	157.7	0.0	352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

