

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102518\
 Data File : VN052000.D
 Acq On : 25 Oct 2018 9:53
 Operator : MD\SY
 Sample : VN1025WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBL01

Quant Time: Oct 26 01:29:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1163832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1668982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1591345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	736822	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	584896	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	7.59	113	618082	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
50) Toluene-d8	10.09	98	2295993	59.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.32%	
62) 4-Bromofluorobenzene	12.40	95	735026	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	

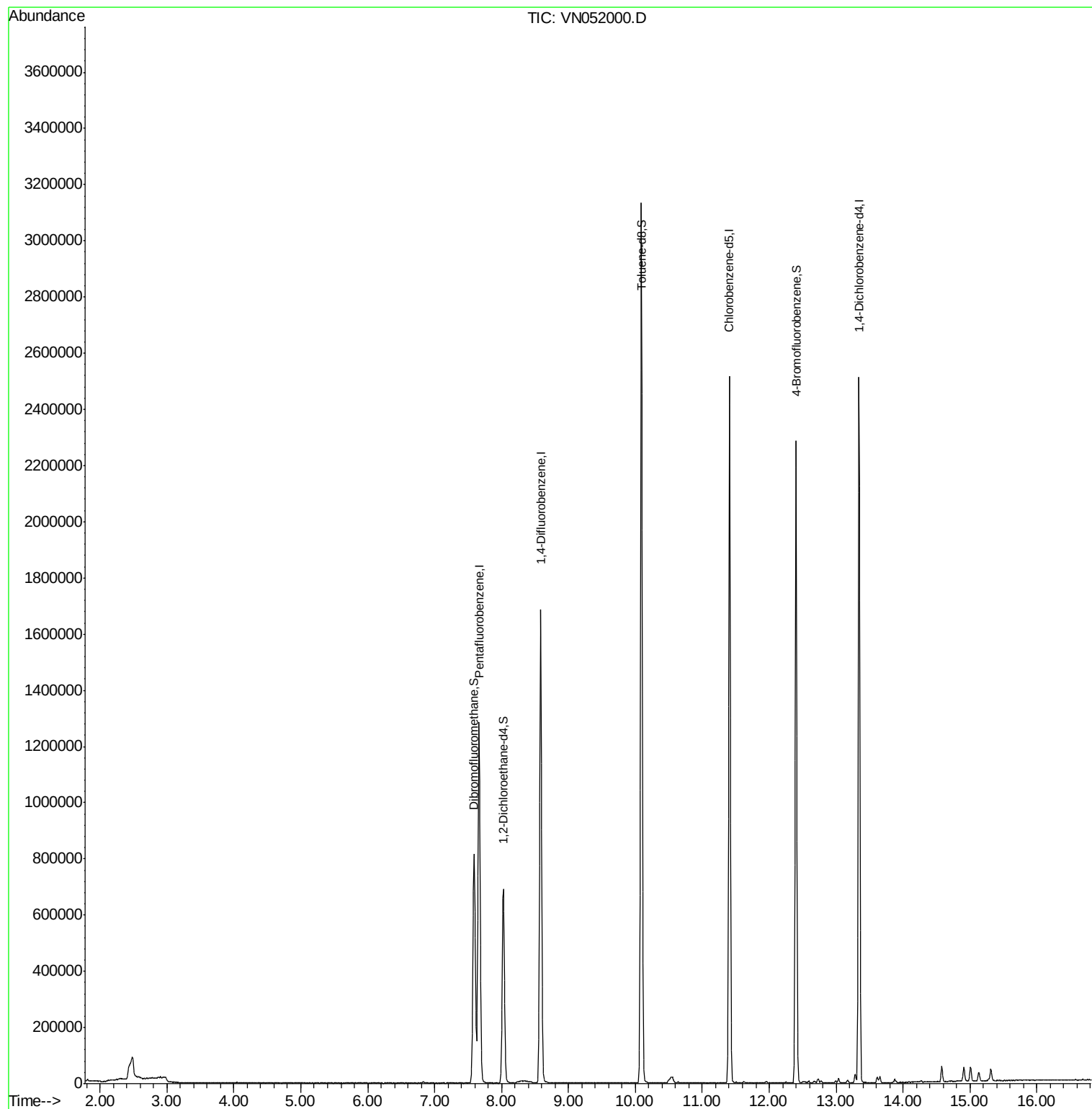
Target Compounds	Qvalue

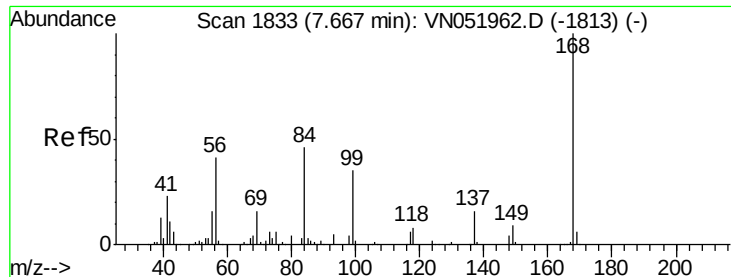
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052000.D

Acq: 25 Oct 2018 9:53

Instrument :

MSVOA_N

ClientSampled :

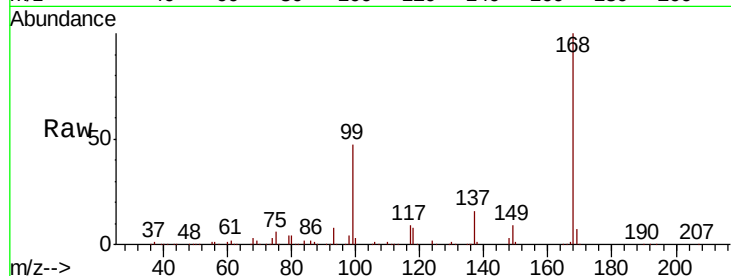
VN1025WBL01

Tot Ion:168 Resp: 1163832

Ion Ratio Lower Upper

168 100

99 47.1 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

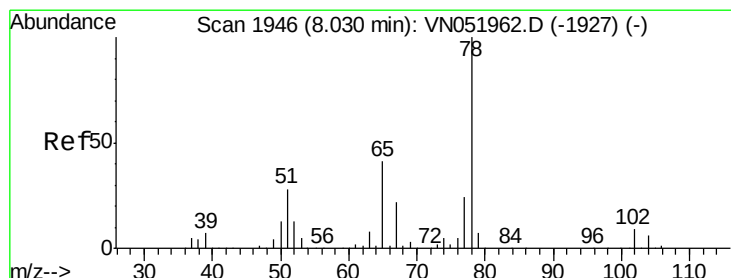
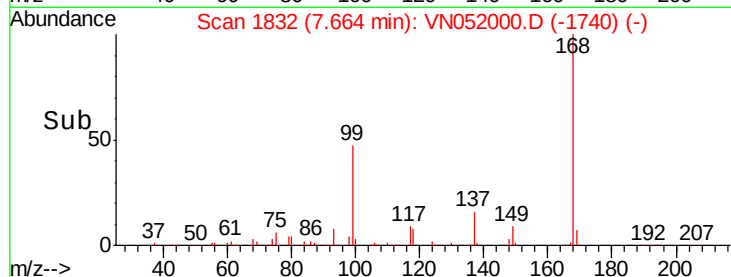
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.01 min

Lab File: VN052000.D

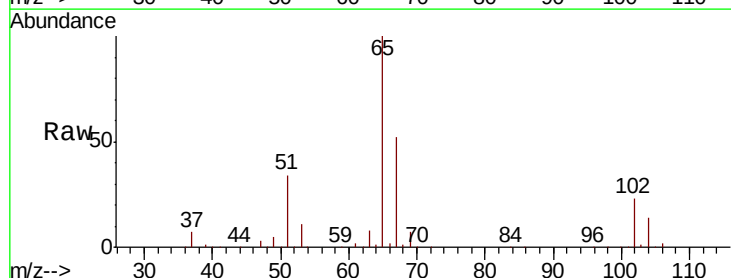
Acq: 25 Oct 2018 9:53

Tgt Ion: 65 Resp: 584896

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

250000

200000

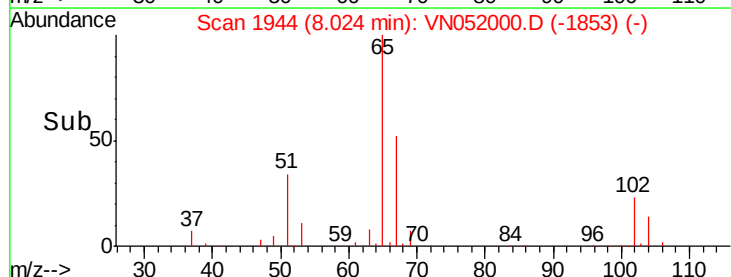
150000

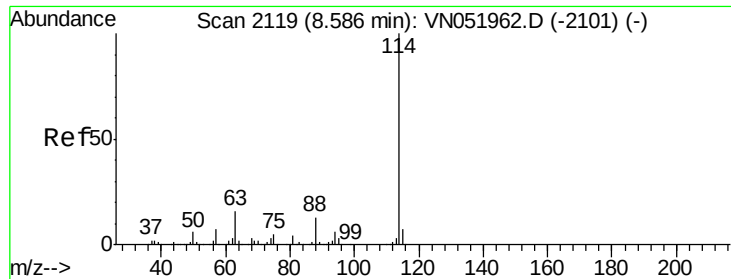
100000

50000

0

Time-->

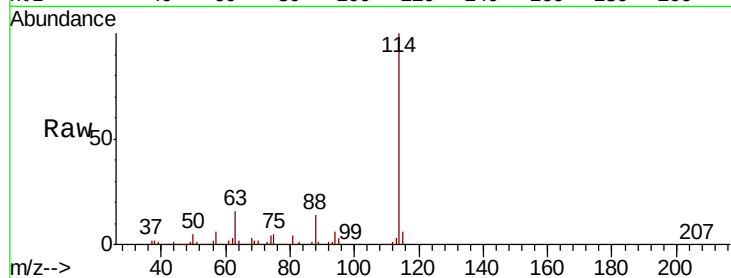




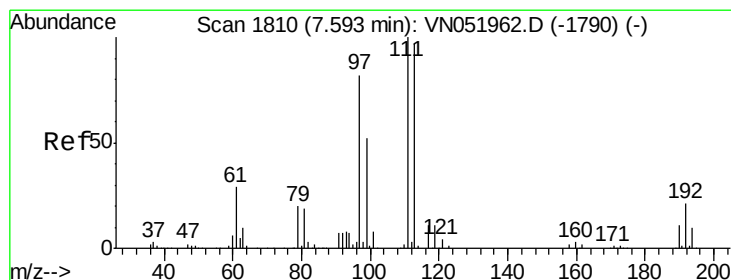
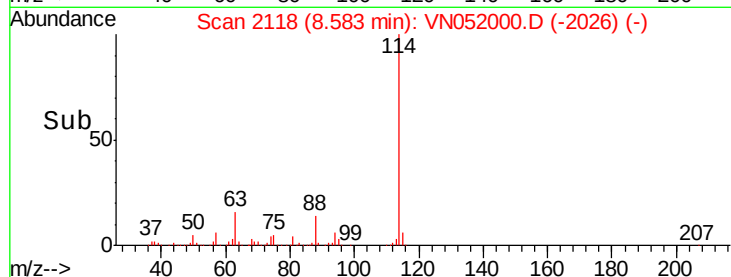
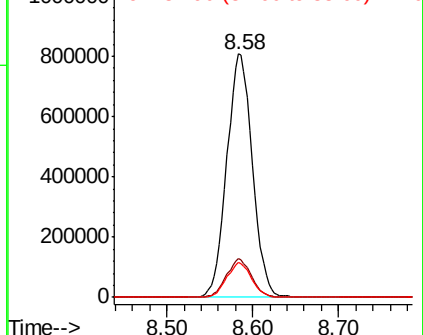
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052000.D
 Acq: 25 Oct 2018 9:53

Instrument :
 MSVOA_N
 ClientSampled :
 VN1025WBL01

Tot Ion:114 Resp: 1668982
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.2
 88 14.3 0.0 27.0

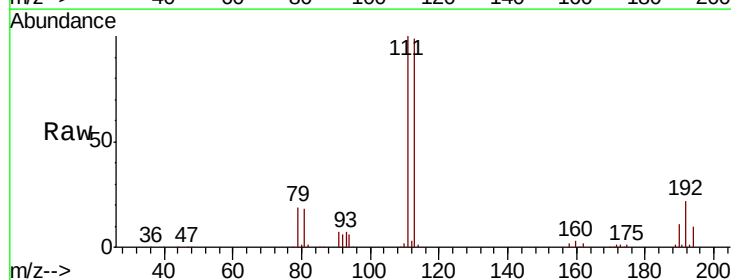


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

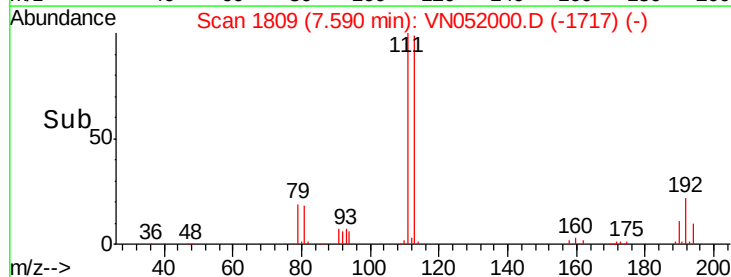
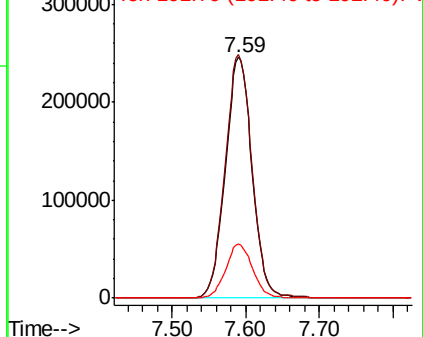


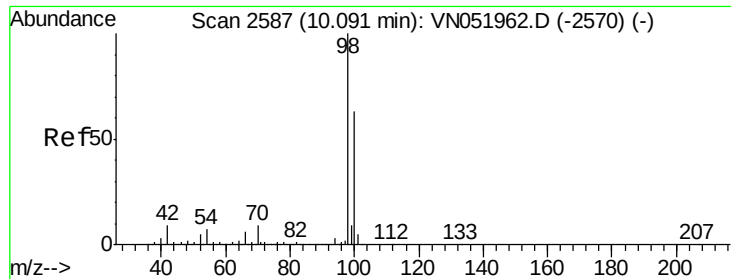
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052000.D
 Acq: 25 Oct 2018 9:53

Tgt Ion:113 Resp: 618082
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.6 17.2 25.8



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# 2586

Delta R.T. -0.00 min

Lab File: VN052000.D

Acq: 25 Oct 2018 9:53

Instrument :

MSVOA_N

ClientSampleId :

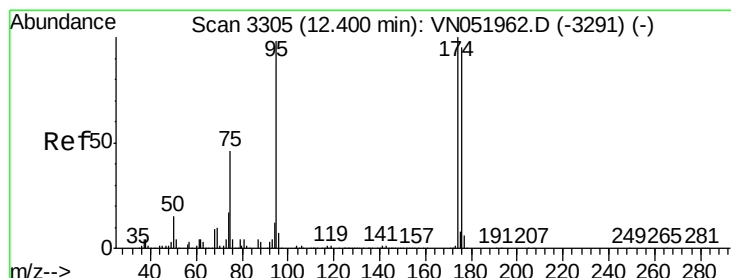
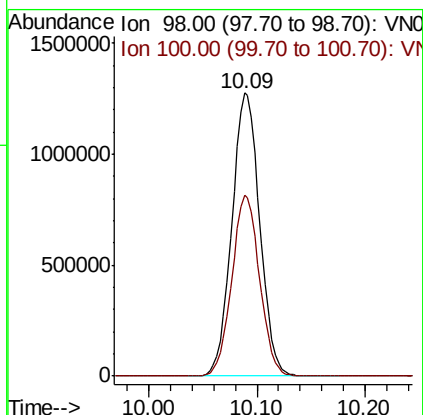
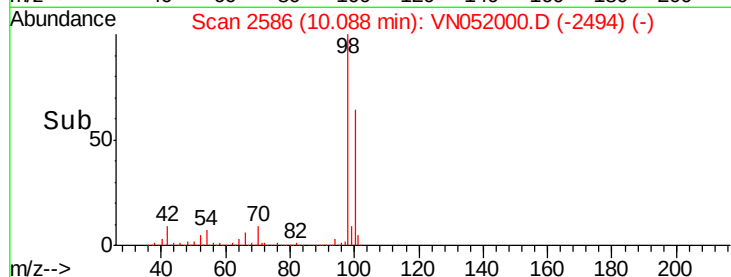
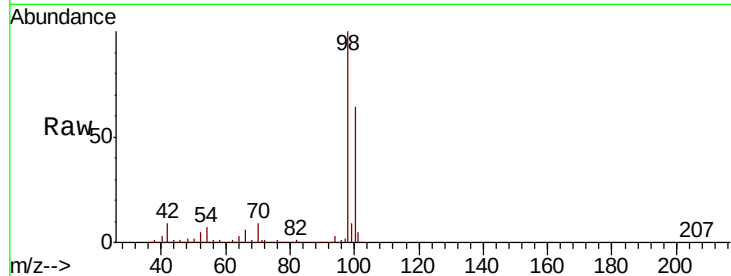
VN1025WBL01

Tot Ion: 98 Resp: 2295993

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052000.D

Acq: 25 Oct 2018 9:53

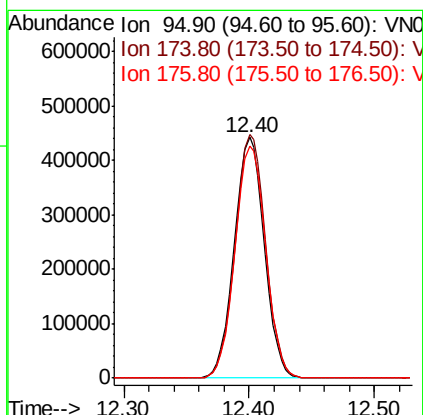
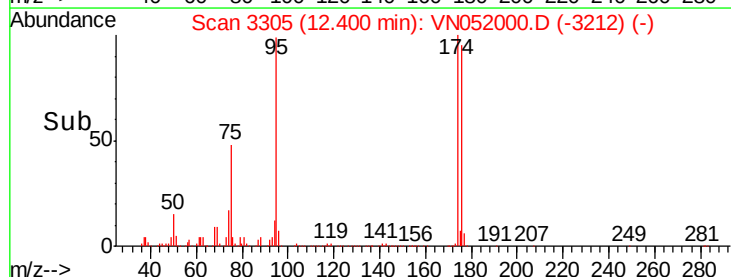
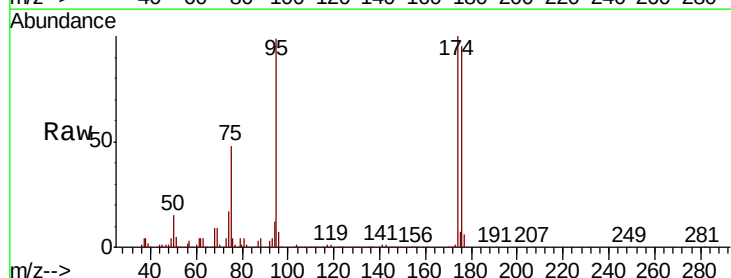
Tgt Ion: 95 Resp: 735026

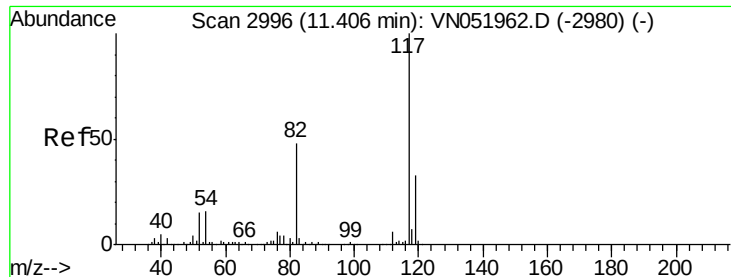
Ion Ratio Lower Upper

95 100

174 102.0 0.0 206.0

176 98.5 0.0 198.0

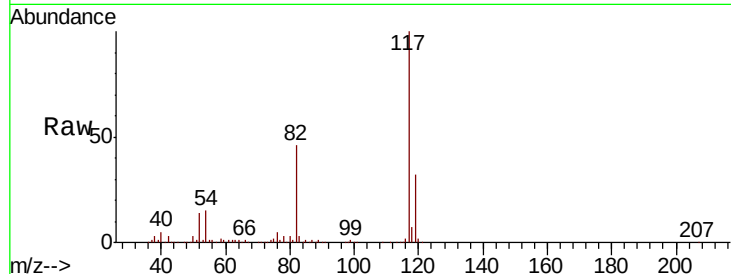




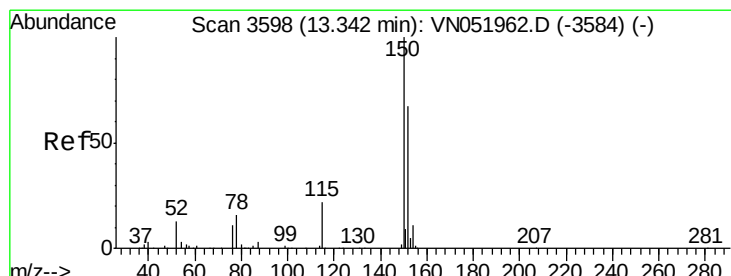
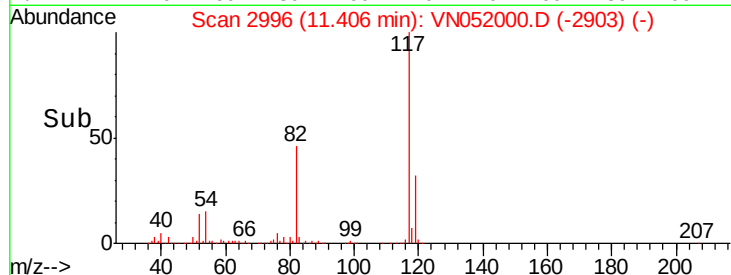
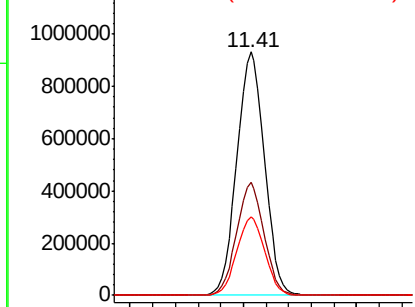
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tot Ion:117 Resp: 1591345
Ion Ratio Lower Upper
117 100
82 46.2 38.1 57.1
119 32.3 26.4 39.6

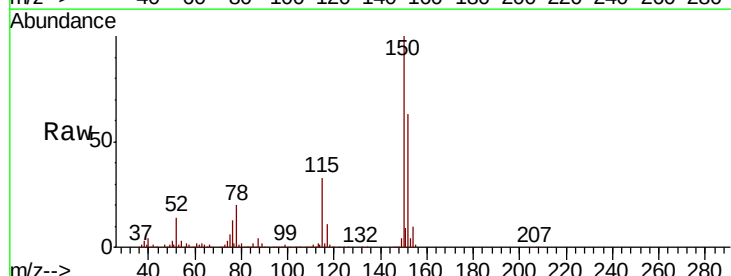


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:152 Resp: 736822
Ion Ratio Lower Upper
152 100
115 53.3 25.8 77.3
150 157.7 0.0 344.4



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

