

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110818\
 Data File : VN052214.D
 Acq On : 8 Nov 2018 10:22
 Operator : MD\SY
 Sample : VN1108WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

Quant Time: Nov 08 10:44:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	431272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	714717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	252932	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	225702	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.09	98	866982	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	268205	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

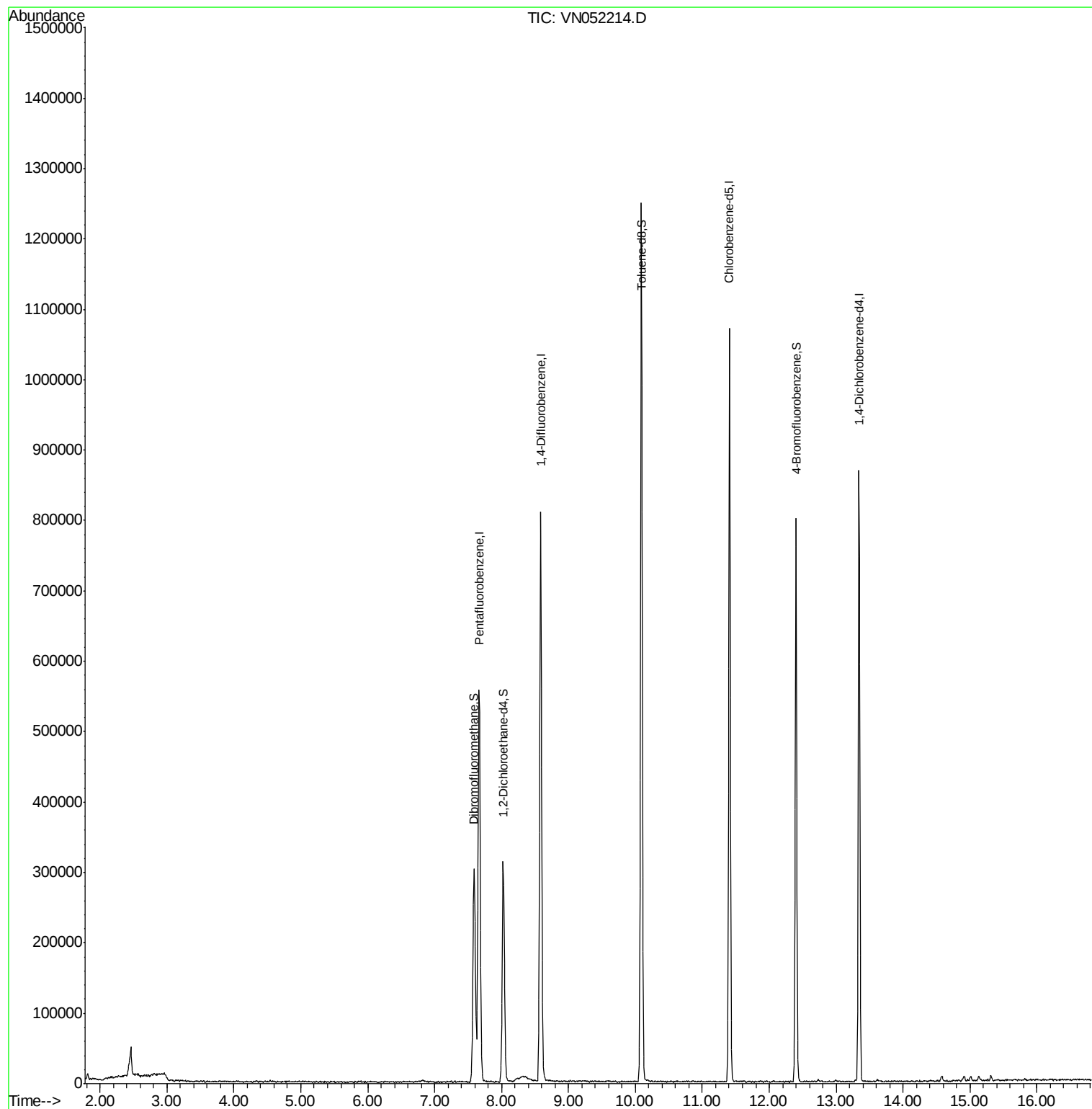
Target Compounds	Qvalue

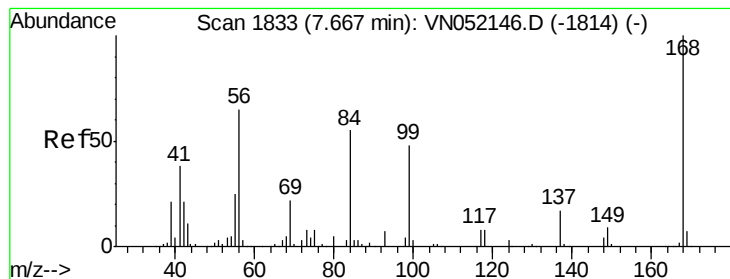
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110818\
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Quant Title : SW846 8260
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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: VN052214.D

Acq: 8 Nov 2018 10:22

Instrument :

MSVOA_N

ClientSampleId :

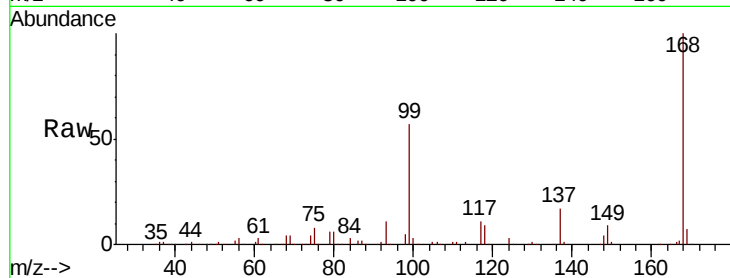
VN1108WBL01

Tot Ion:168 Resp: 431272

Ion Ratio Lower Upper

168 100

99 56.8 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

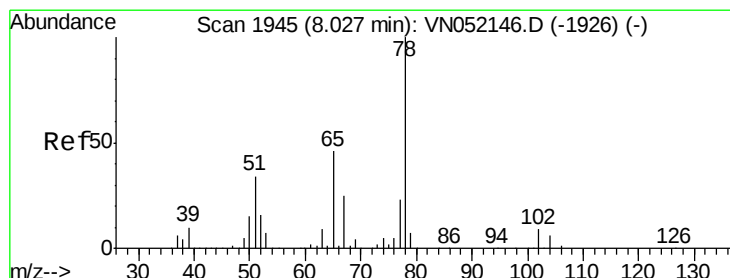
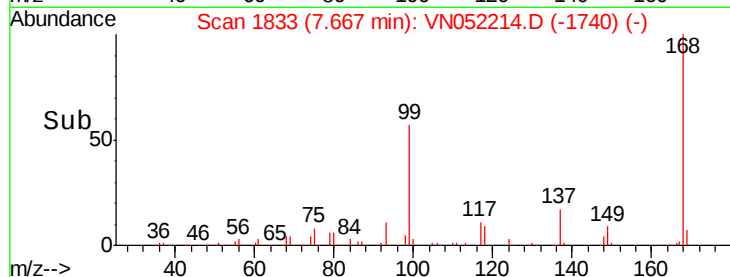
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052214.D

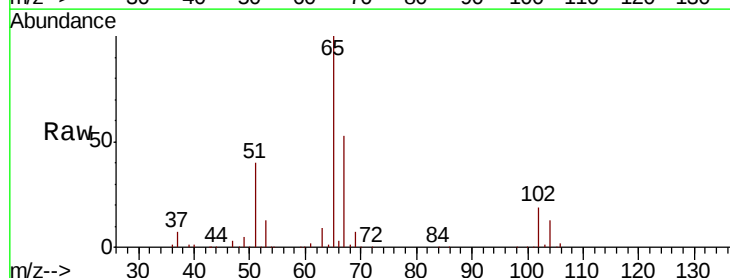
Acq: 8 Nov 2018 10:22

Tgt Ion: 65 Resp: 252932

Ion Ratio Lower Upper

65 100

67 54.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

120000

100000

80000

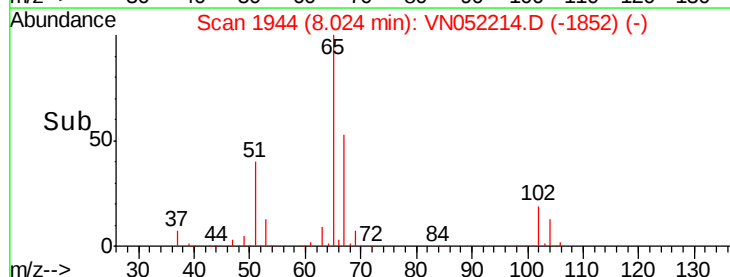
60000

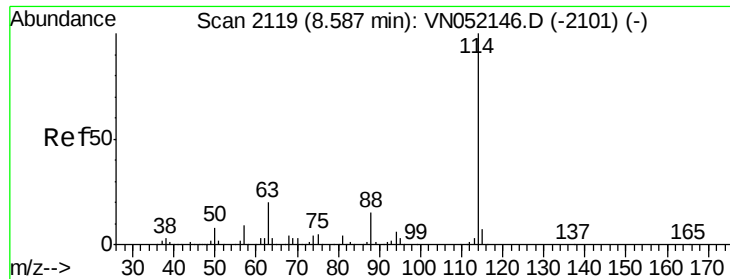
40000

20000

0

Time--> 7.90 8.00 8.10

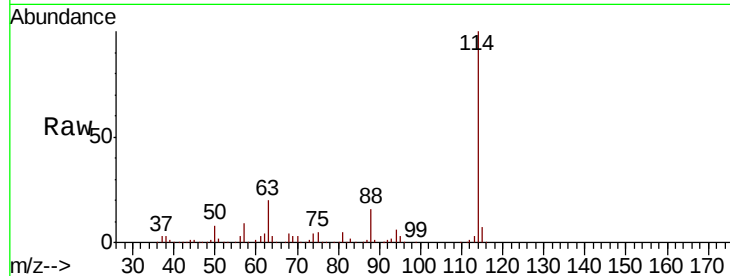




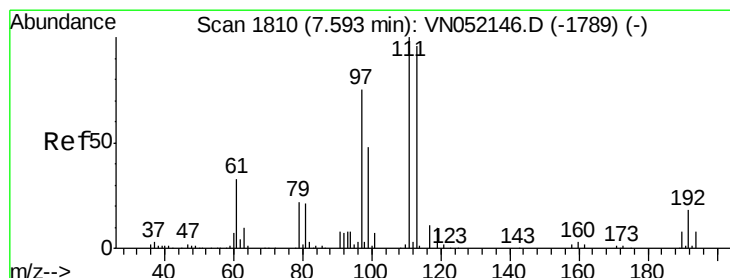
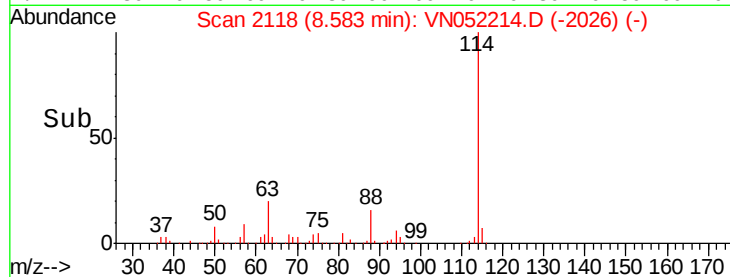
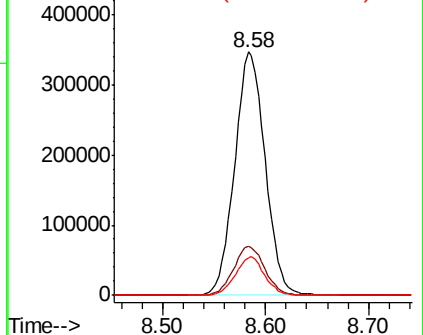
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052214.D
 Acq: 8 Nov 2018 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

Tot Ion:114 Resp: 714717
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.6 0.0 31.0

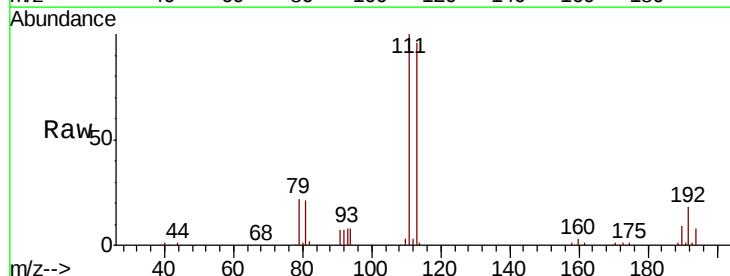


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

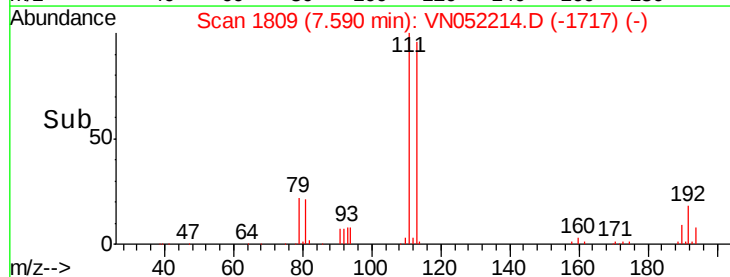
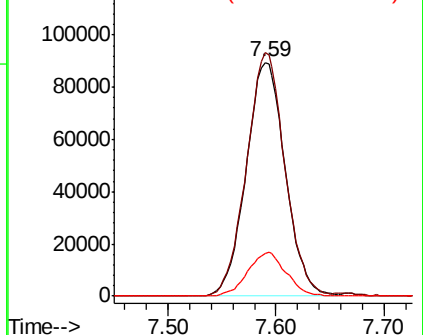


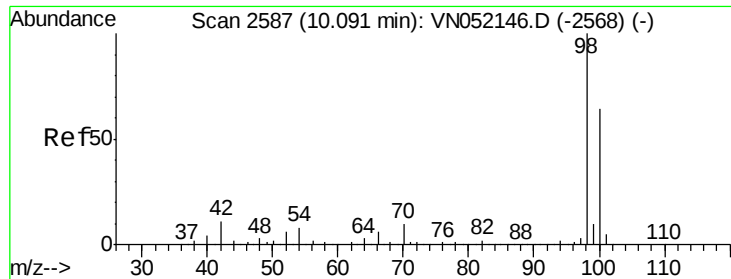
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052214.D
 Acq: 8 Nov 2018 10:22

Tgt Ion:113 Resp: 225702
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 18.1 14.2 21.4



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: VN052214.D

Acq: 8 Nov 2018 10:22

Instrument :

MSVOA_N

ClientSampled :

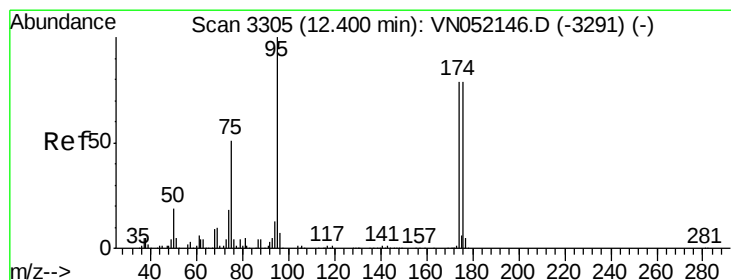
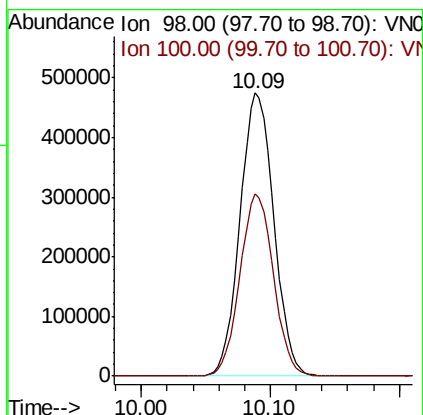
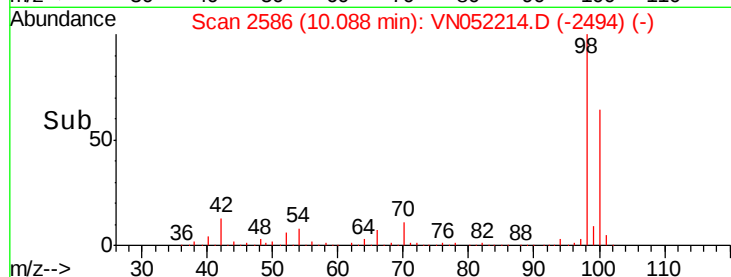
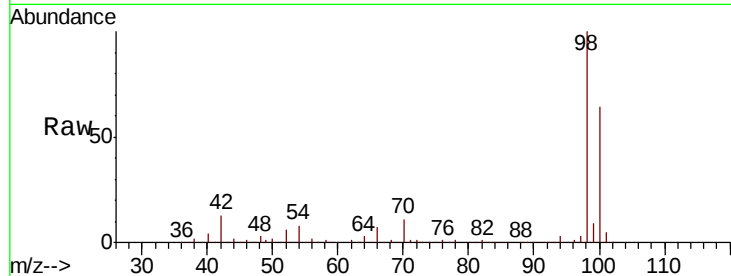
VN1108WBL01

Tot Ion: 98 Resp: 866982

Ion Ratio Lower Upper

98 100

100 63.9 50.5 75.7



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052214.D

Acq: 8 Nov 2018 10:22

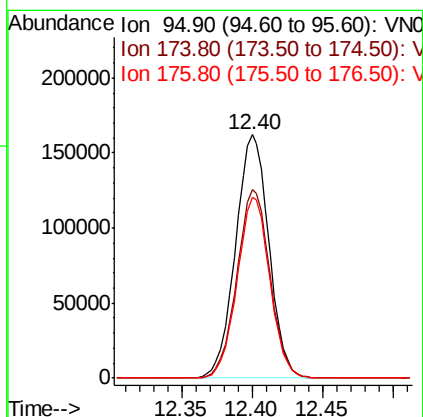
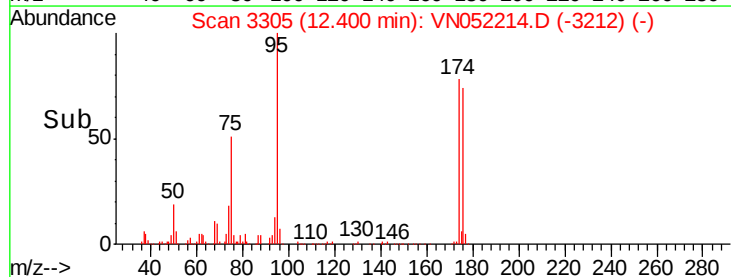
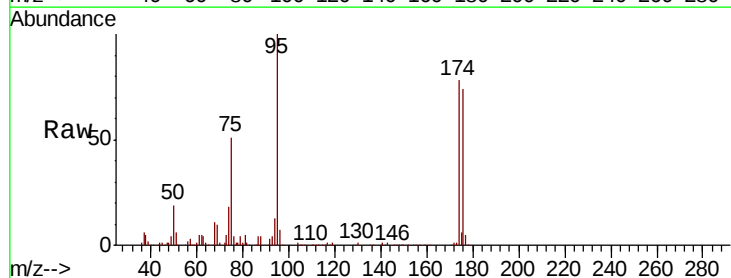
Tgt Ion: 95 Resp: 268205

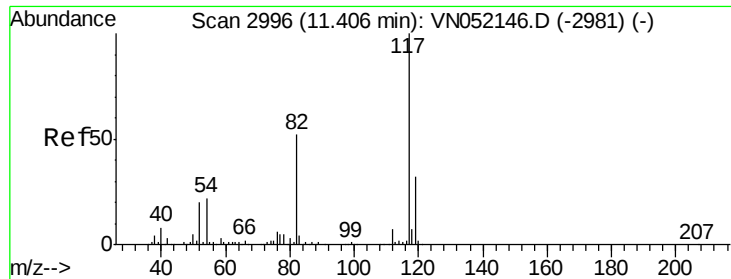
Ion Ratio Lower Upper

95 100

174 76.9 0.0 162.6

176 72.9 0.0 155.4

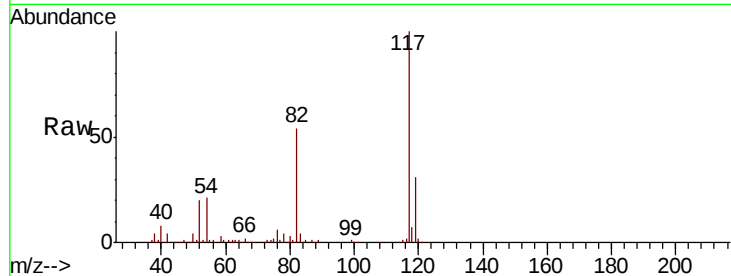




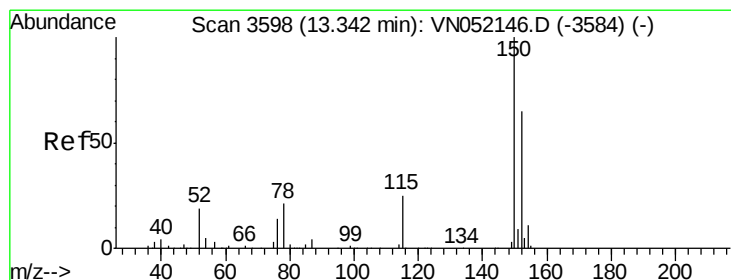
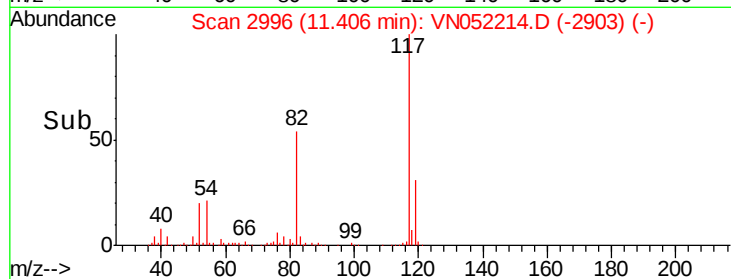
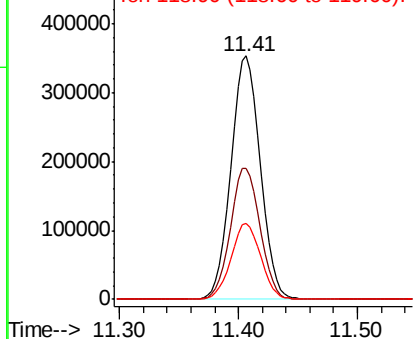
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052214.D
Acq: 8 Nov 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.9	62.9
119	31.2	25.7	38.5

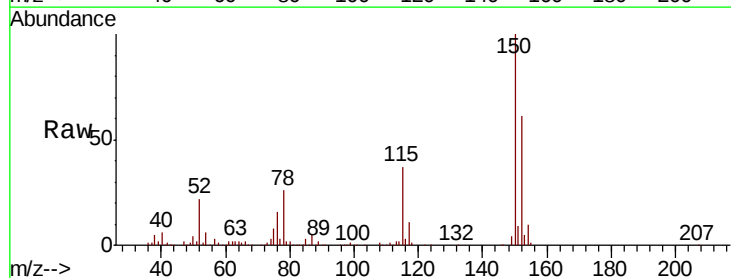


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052214.D
Acq: 8 Nov 2018 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.5	85.5
150	158.6	0.0	348.6



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

