

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053770.D
 Acq On : 14 Feb 2019 10:59
 Operator : JC/SP
 Sample : VN0214WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBL01

Quant Time: Feb 15 01:19:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	600021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1020333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	944391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	363954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	332115	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
35) Dibromofluoromethane	7.59	113	329661	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.09	98	1228511	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	399883	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

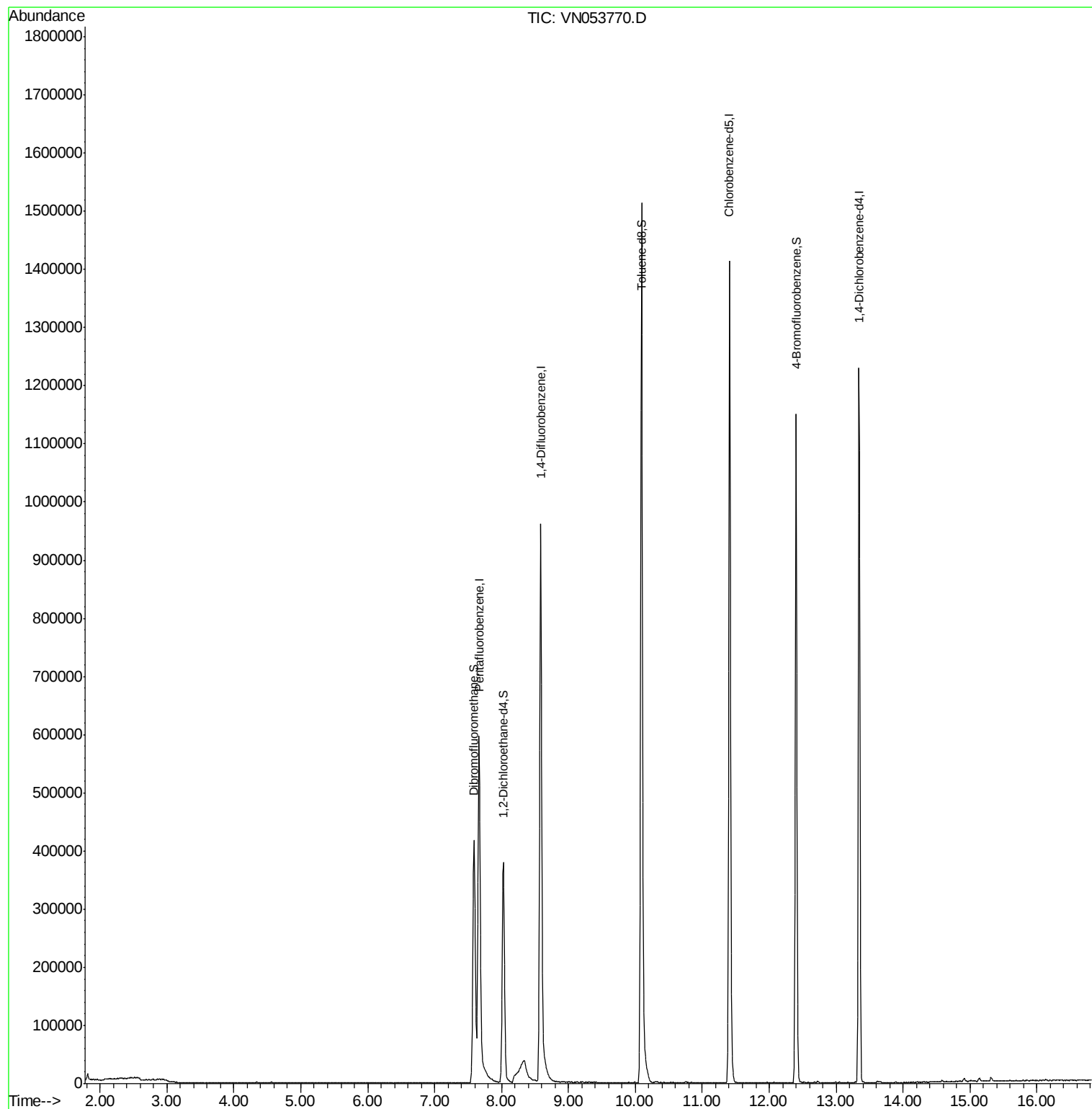
Target Compounds	Qvalue

(#) = 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: VN053770.D

Acq: 14 Feb 2019 10:59

Instrument :

MSVOA_N

ClientSampled :

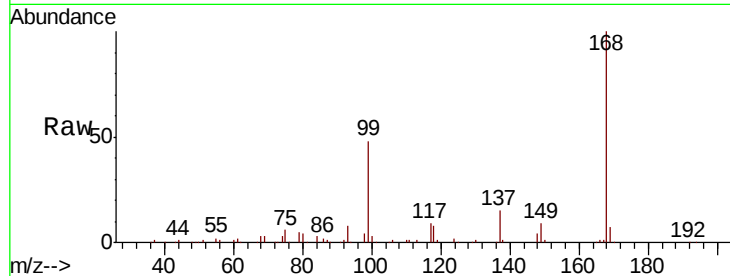
VN0214WBL01

Tot Ion:168 Resp: 600021

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

150000

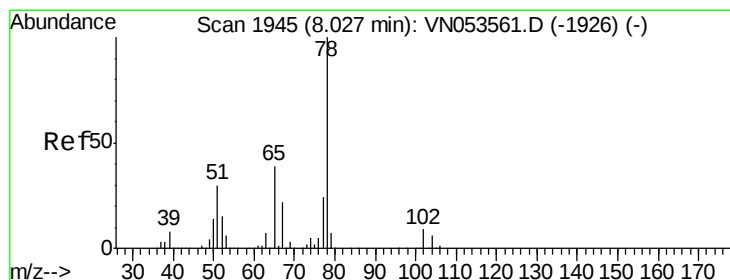
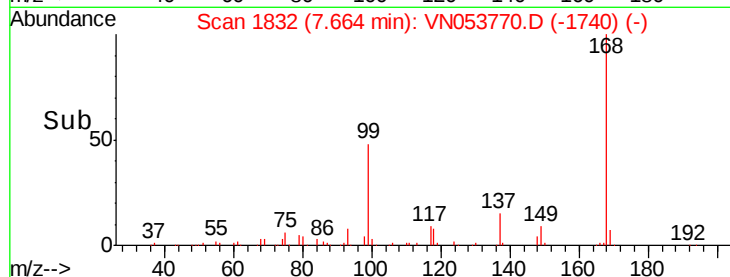
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.174 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053770.D

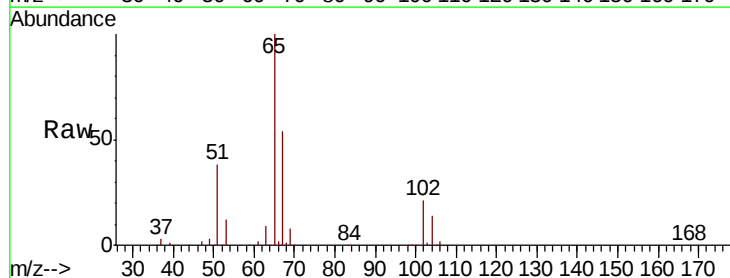
Acq: 14 Feb 2019 10:59

Tgt Ion: 65 Resp: 332115

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

150000

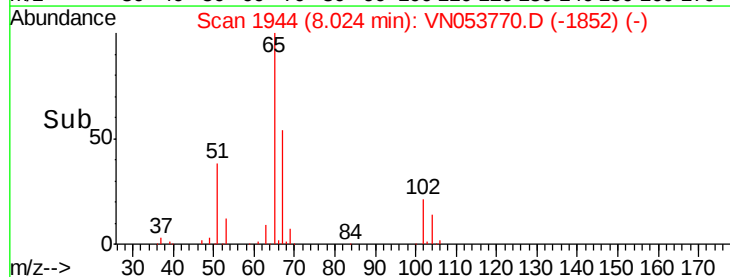
100000

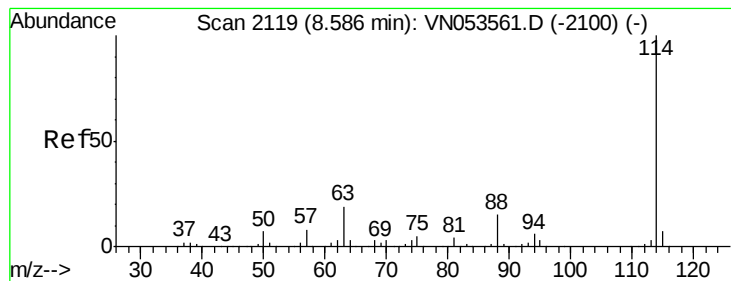
50000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053770.D

Acq: 14 Feb 2019 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBL01

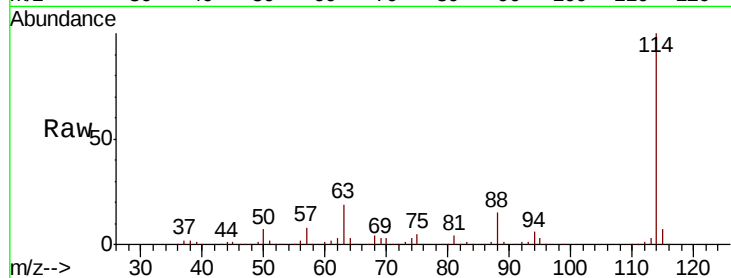
Tot Ion:114 Resp: 1020333

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

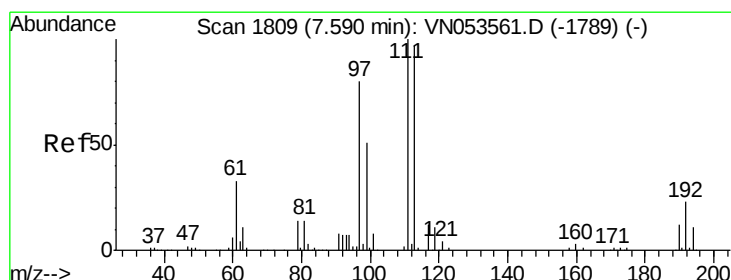
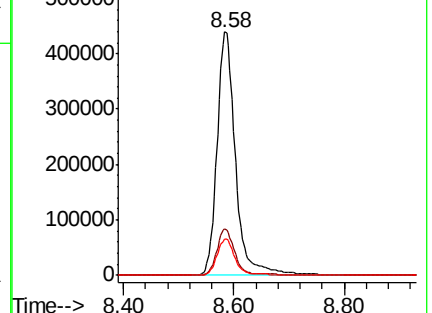
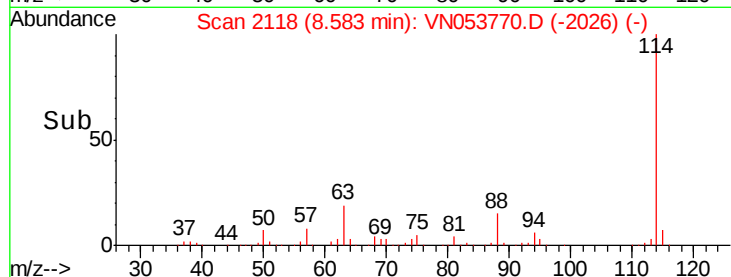
88 14.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.133 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053770.D

Acq: 14 Feb 2019 10:59

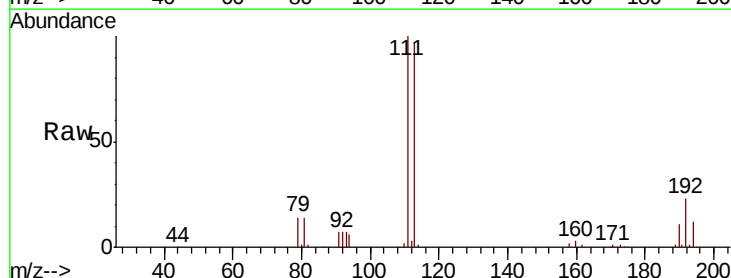
Tgt Ion:113 Resp: 329661

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

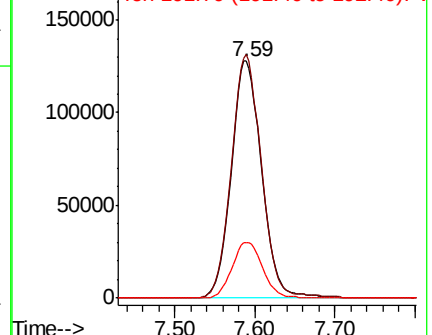
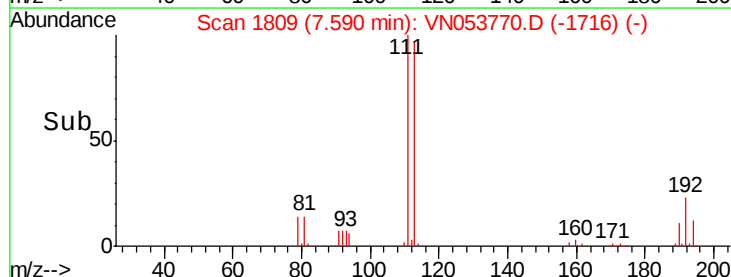
192 23.5 18.2 27.2

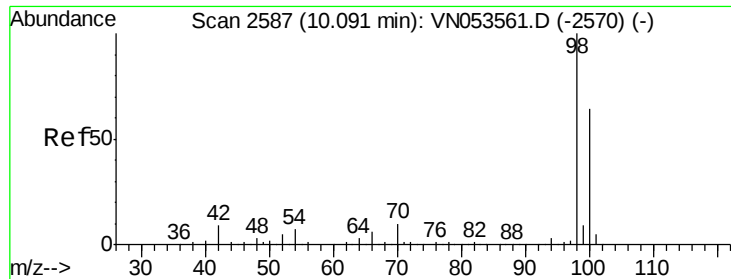


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.748 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053770.D

Acq: 14 Feb 2019 10:59

Instrument :

MSVOA_N

ClientSampleId :

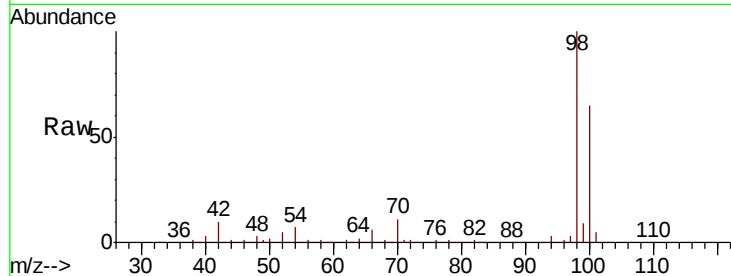
VN0214WBL01

Tot Ion: 98 Resp: 1228511

Ion Ratio Lower Upper

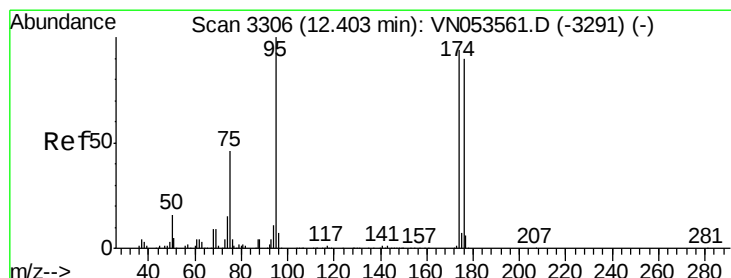
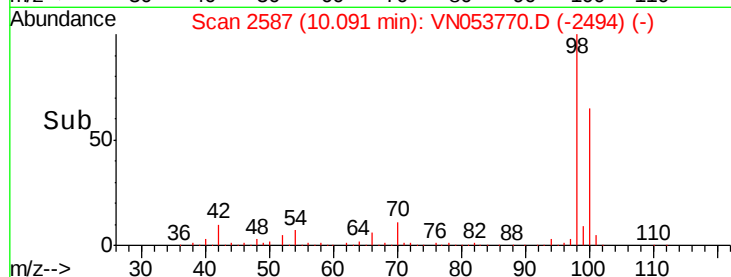
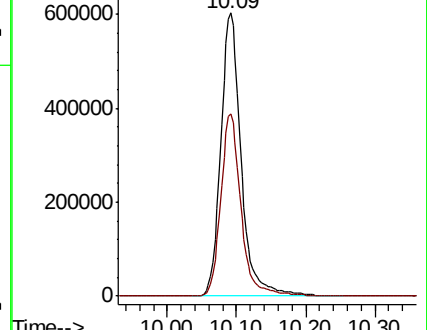
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053770.D

Acq: 14 Feb 2019 10:59

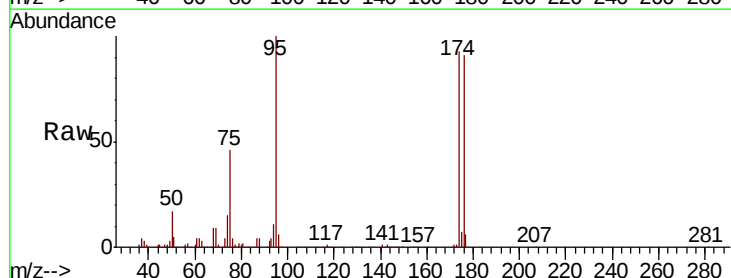
Tgt Ion: 95 Resp: 399883

Ion Ratio Lower Upper

95 100

174 96.6 0.0 183.2

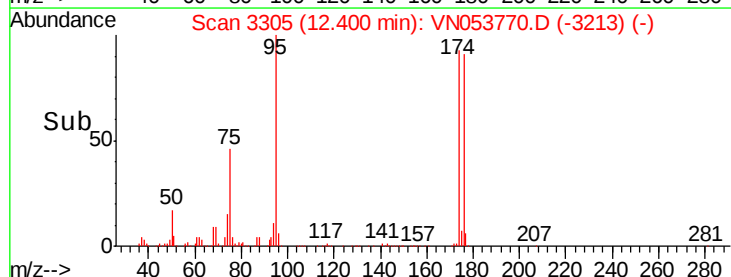
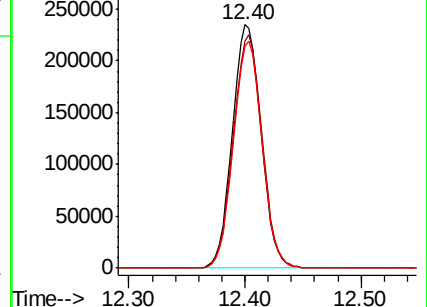
176 92.8 0.0 177.4

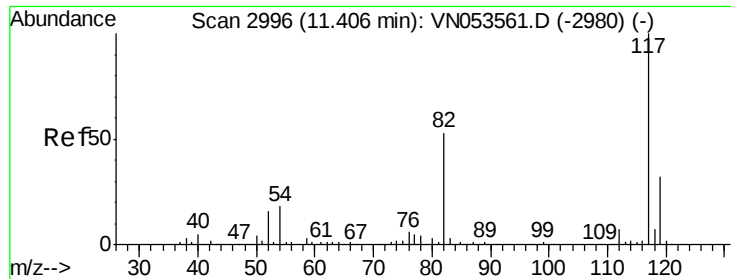


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

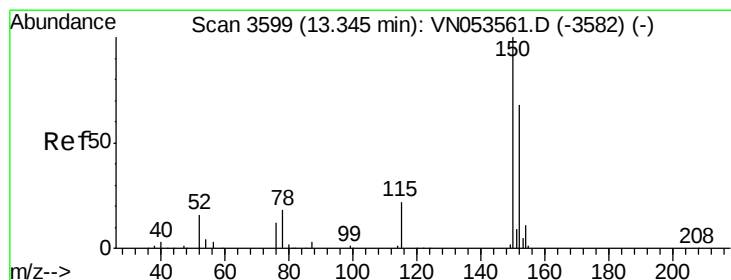
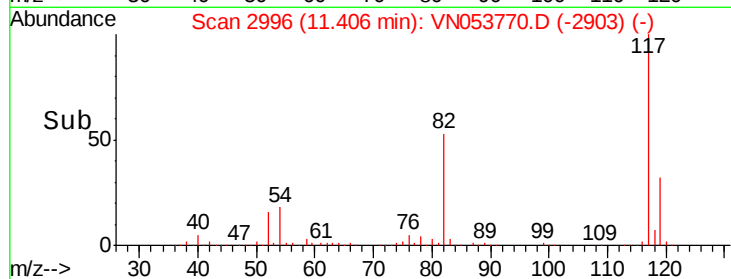
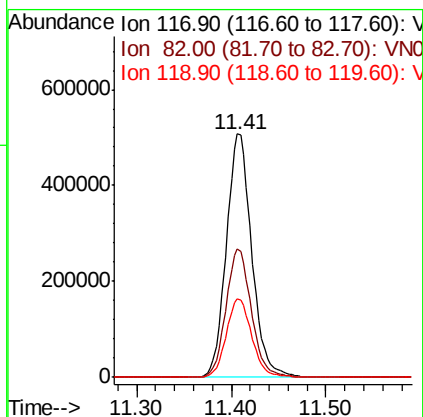
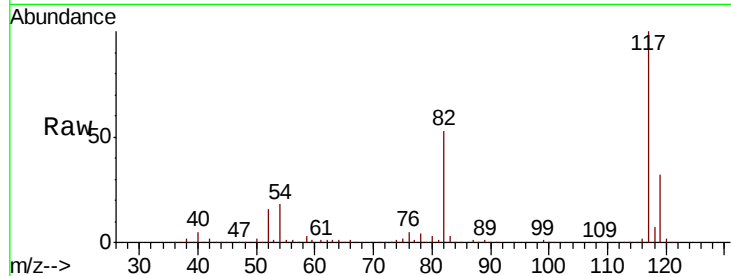




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053770.D
Acq: 14 Feb 2019 10:59

Instrument :
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VN0214WBL01

Tot Ion:117 Resp: 944391
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053770.D
Acq: 14 Feb 2019 10:59

Tgt Ion:152 Resp: 363954
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.4
150 155.9 0.0 349.0

