

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052278.D
 Acq On : 13 Nov 2018 11:08
 Operator : MD\SY
 Sample : VN1113WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBL01

Quant Time: Nov 14 00:21:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	332109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	551442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217728	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	174856	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.09	98	676630	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	190512	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	

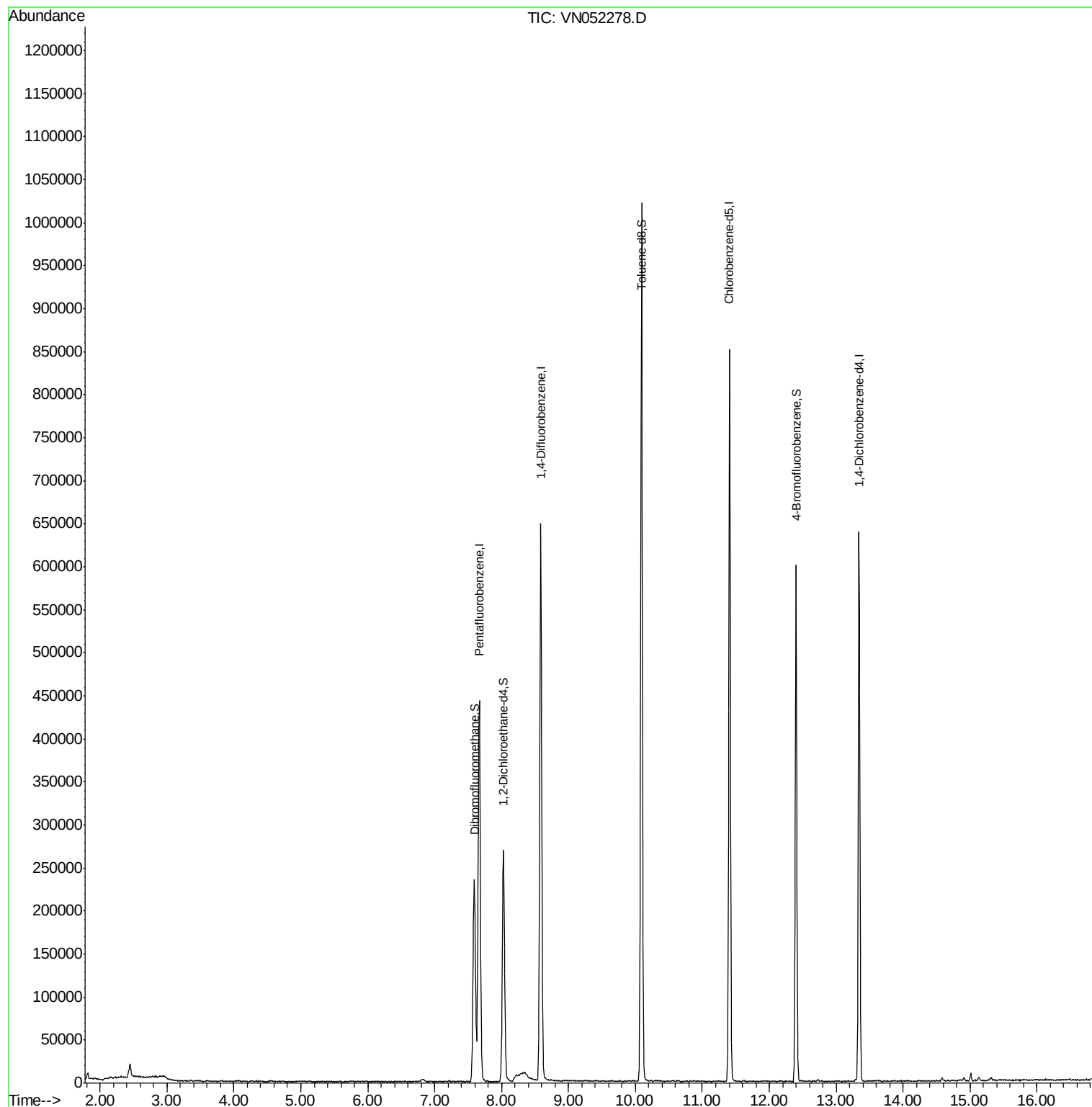
Target Compounds	Qvalue

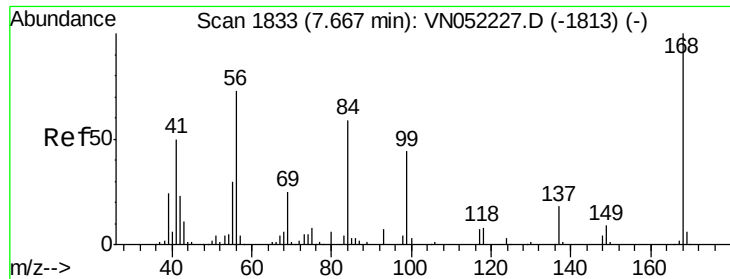
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052278.D

Acq: 13 Nov 2018 11:08

Instrument :

MSVOA_N

ClientSampleId :

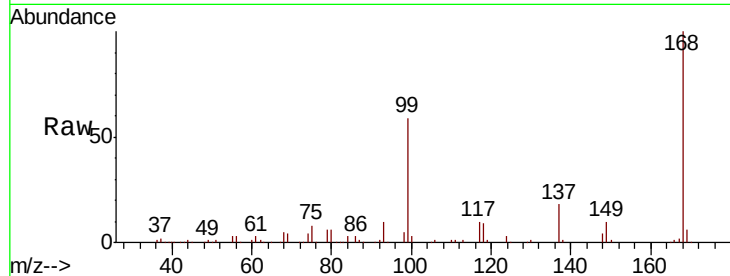
VN1113WBL01

Tot Ion:168 Resp: 332109

Ion Ratio Lower Upper

168 100

99 58.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

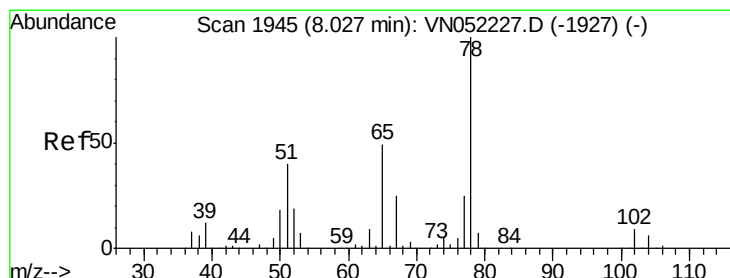
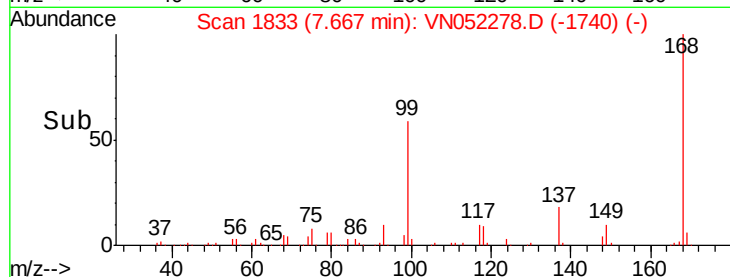
100000

50000

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: VN052278.D

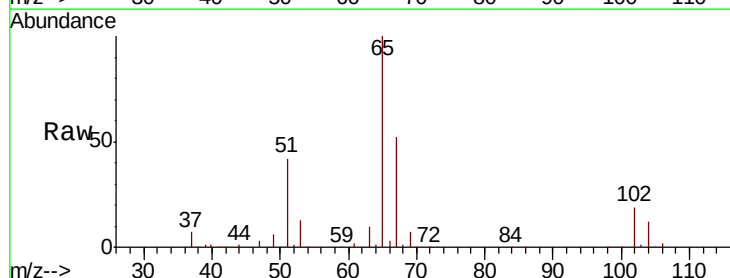
Acq: 13 Nov 2018 11:08

Tgt Ion: 65 Resp: 217728

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

100000

80000

60000

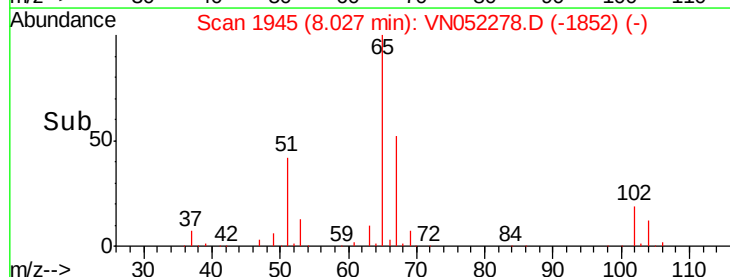
40000

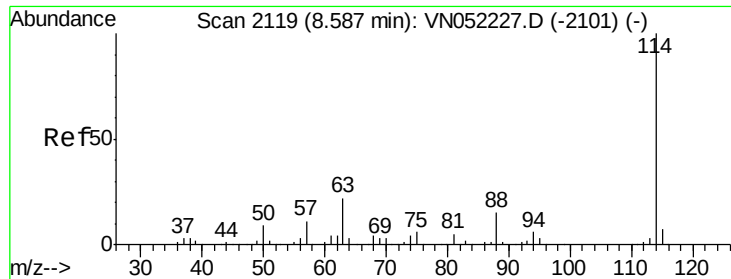
20000

0

Time-->

7.90 8.00 8.10

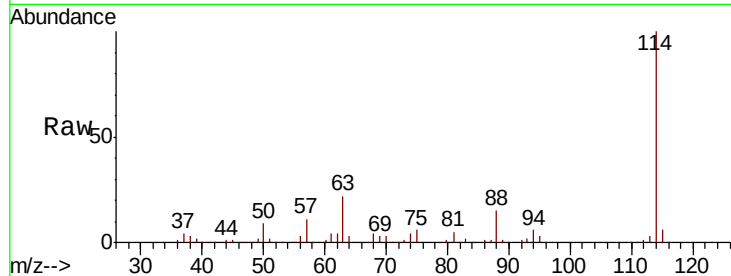




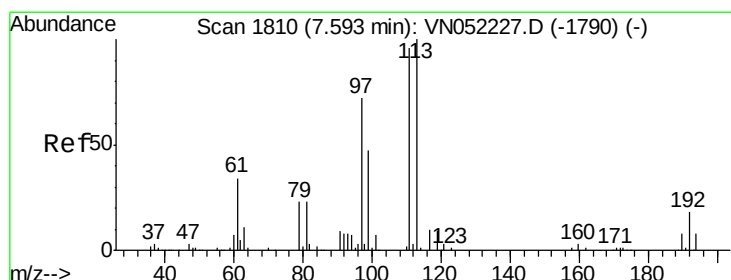
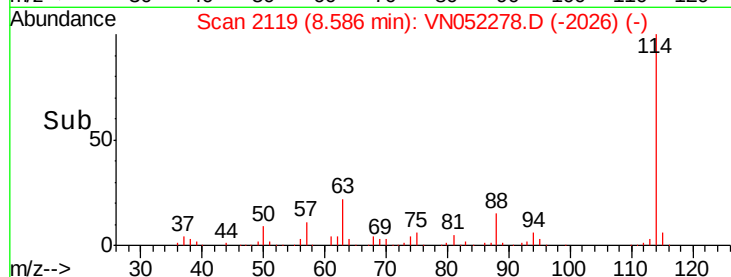
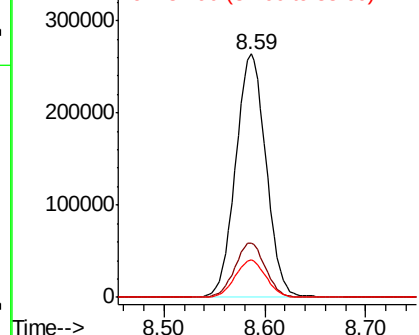
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052278.D
Acq: 13 Nov 2018 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBL01

Tot Ion:114 Resp: 551442
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.4
88 15.2 0.0 30.2

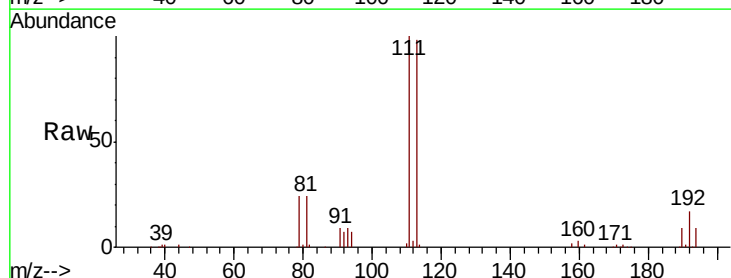


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

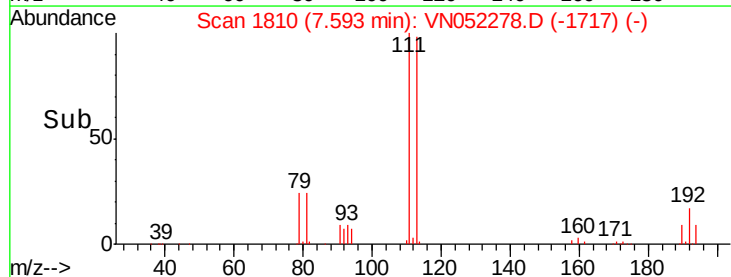
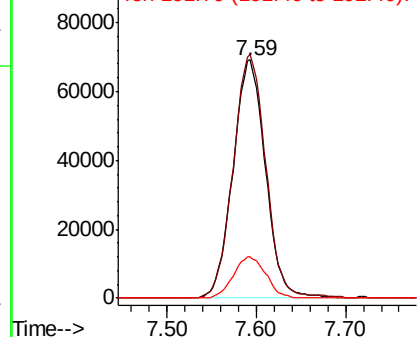


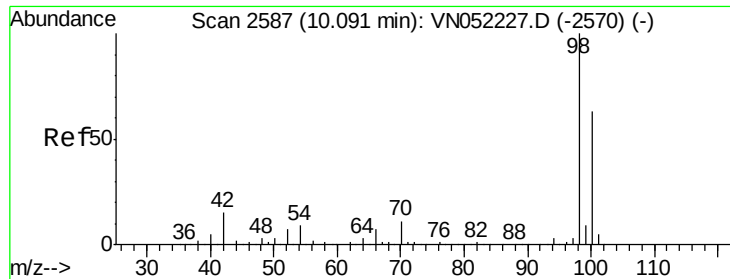
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052278.D
Acq: 13 Nov 2018 11:08

Tgt Ion:113 Resp: 174856
Ion Ratio Lower Upper
113 100
111 102.7 80.2 120.4
192 17.4 14.1 21.1



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: VN052227.D

Acq: 13 Nov 2018 11:08

Instrument :

MSVOA_N

ClientSampleId :

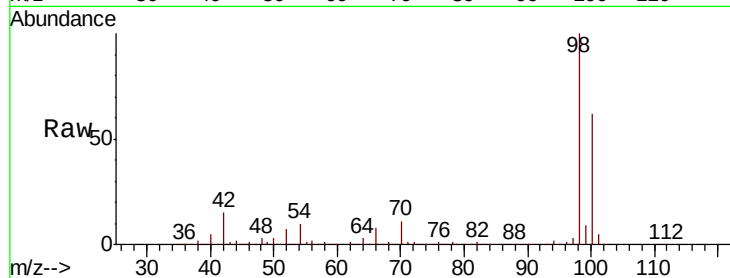
VN1113WBL01

Tot Ion: 98 Resp: 676630

Ion Ratio Lower Upper

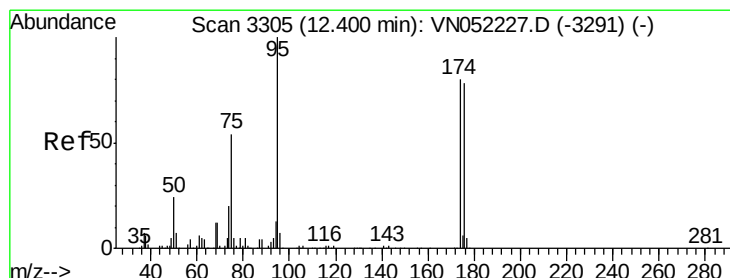
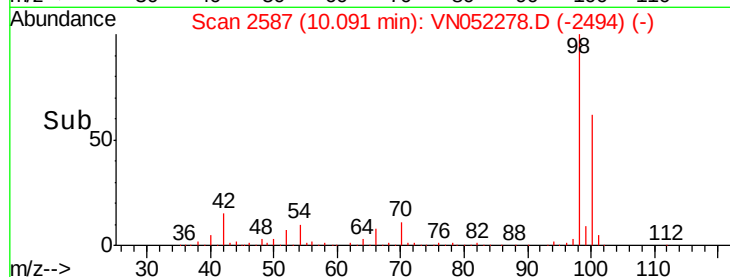
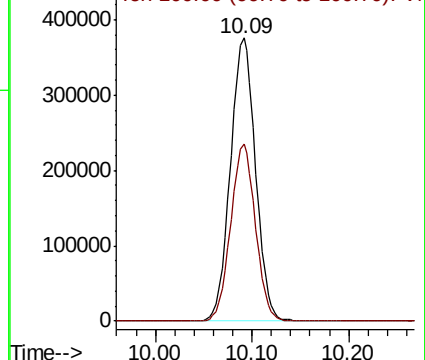
98 100

100 61.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052227.D

Acq: 13 Nov 2018 11:08

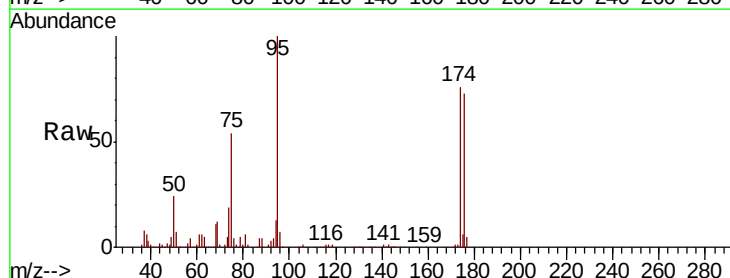
Tgt Ion: 95 Resp: 190512

Ion Ratio Lower Upper

95 100

174 77.4 0.0 159.4

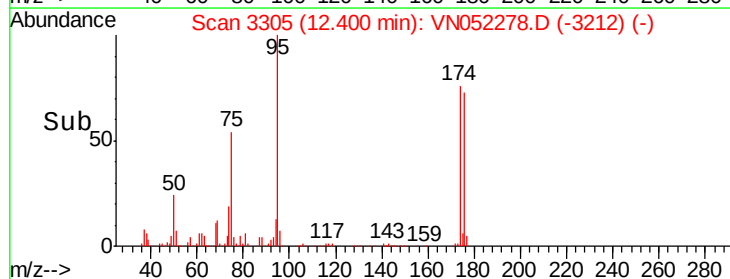
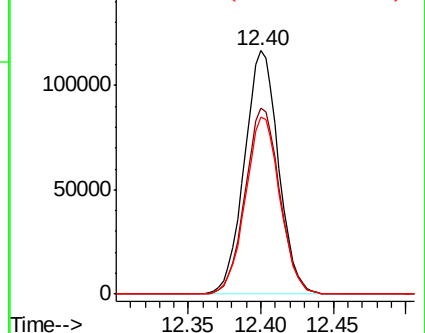
176 73.8 0.0 157.8

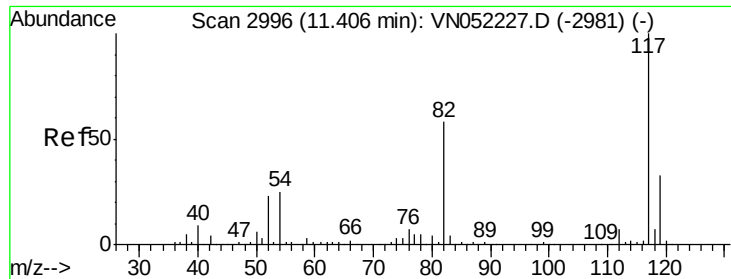


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

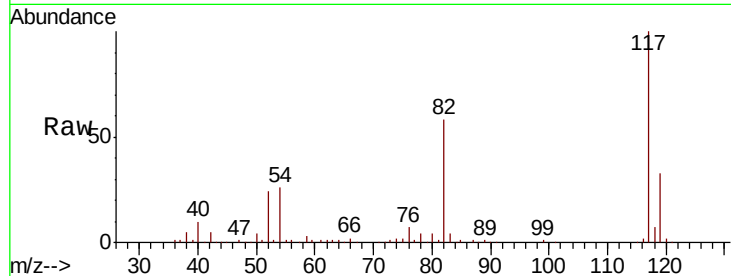




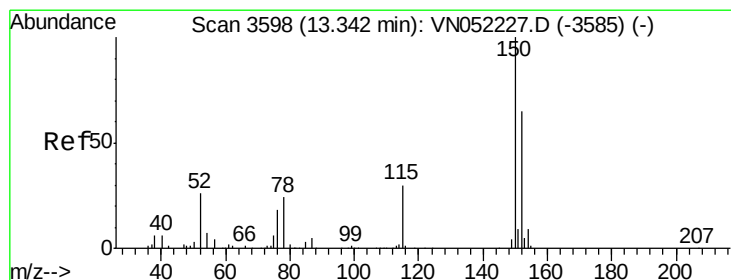
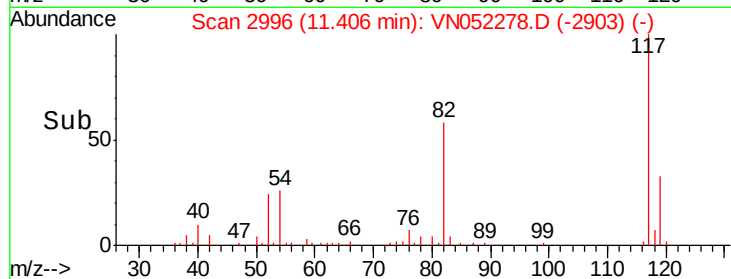
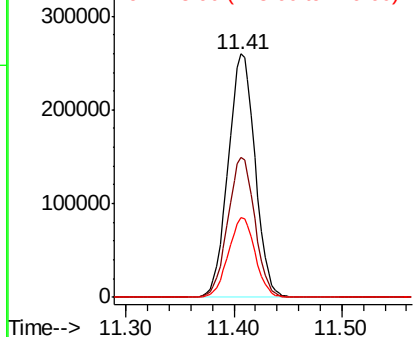
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052278.D
Acq: 13 Nov 2018 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBL01

Tot Ion:117 Resp: 451973
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.2
119 32.6 26.2 39.4

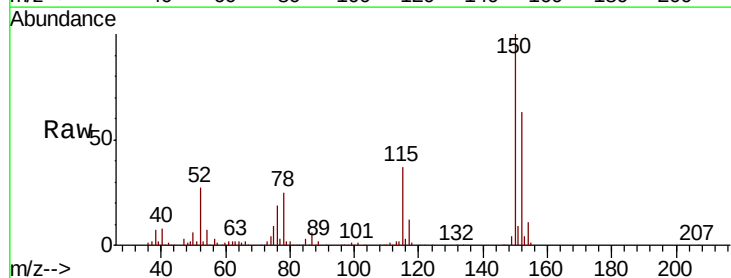


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052278.D
Acq: 13 Nov 2018 11:08

Tgt Ion:152 Resp: 154328
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.5
150 158.9 0.0 350.2



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

