

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052377.D
 Acq On : 19 Nov 2018 11:01
 Operator : MD\SY
 Sample : VN1119WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBL01

Quant Time: Nov 20 07:20:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	301287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	490912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	396635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212458	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.59	113	160779	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.09	98	611466	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	172166	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	

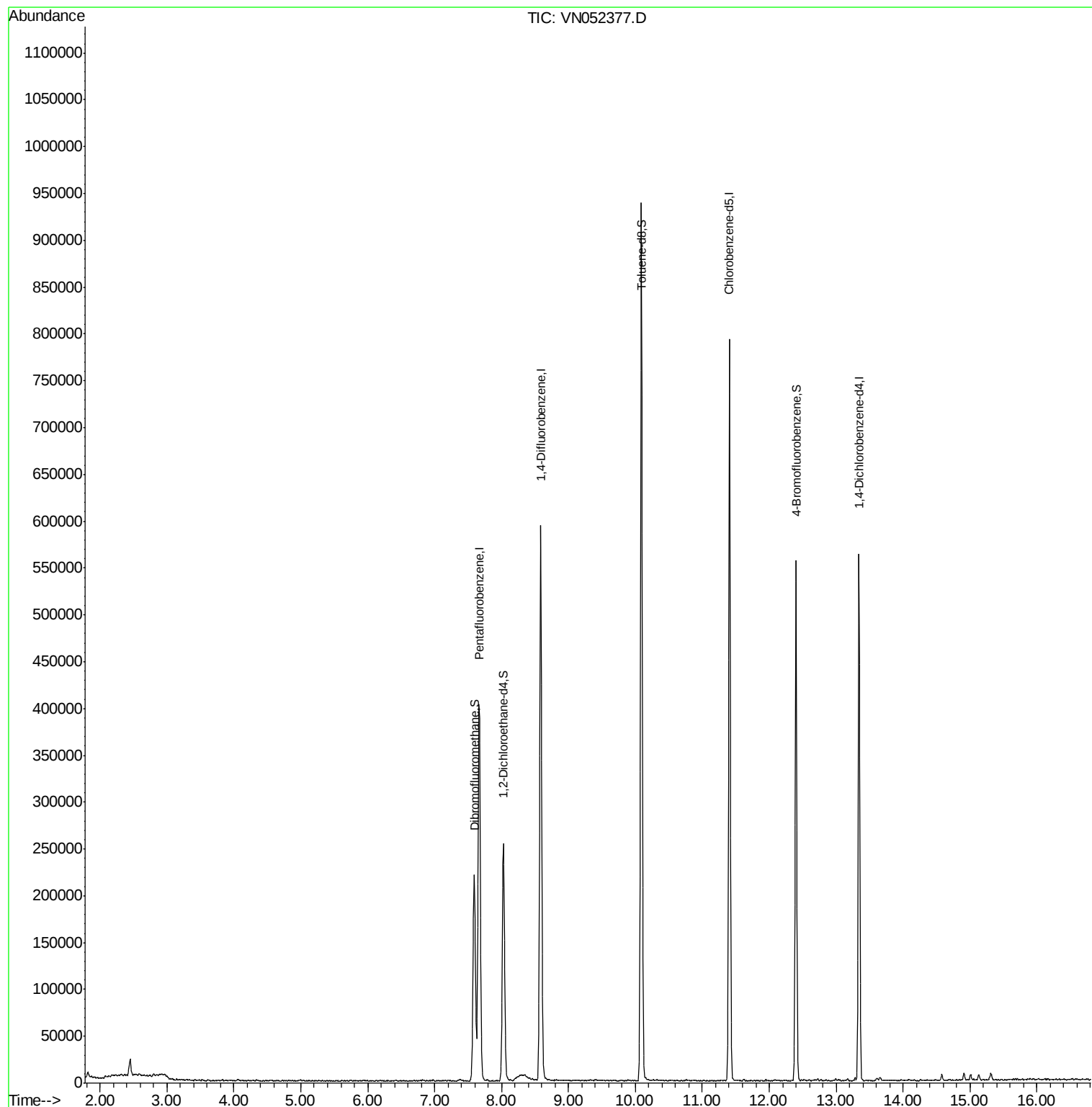
Target Compounds	Qvalue
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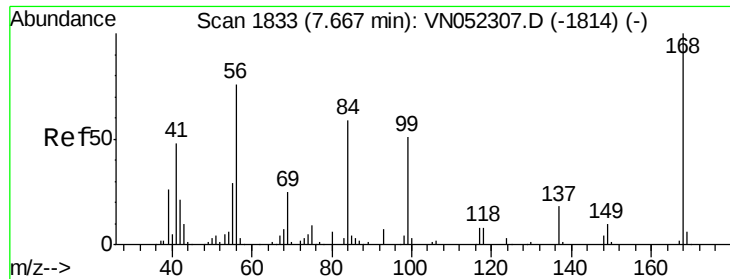
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052377.D

Acq: 19 Nov 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

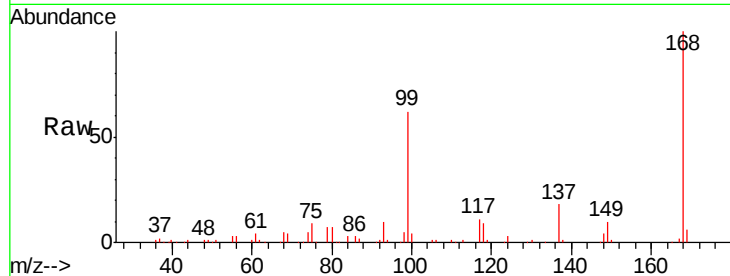
VN1119WBL01

Tgt Ion:168 Resp: 301287

Ion Ratio Lower Upper

168 100

99 62.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052377.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052377.D (-1740) (-)

7.67

150000

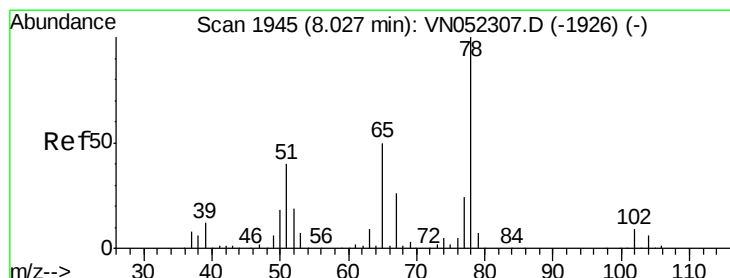
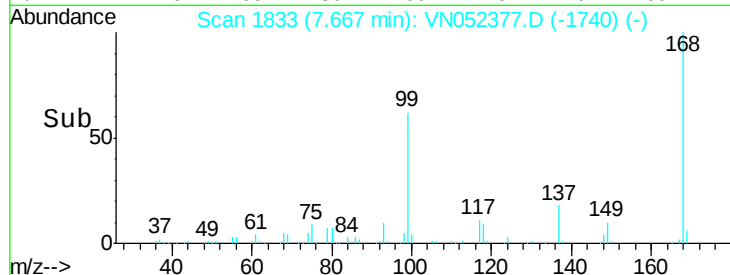
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052377.D

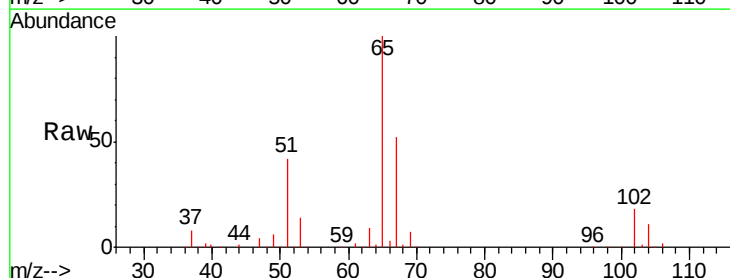
Acq: 19 Nov 2018 11:01

Tgt Ion: 65 Resp: 212458

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052377.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052377.D (-1852) (-)

8.03

100000

80000

60000

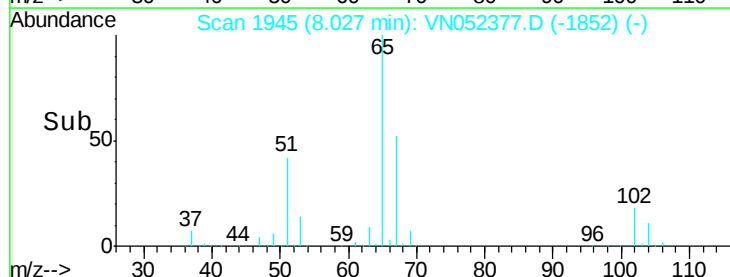
40000

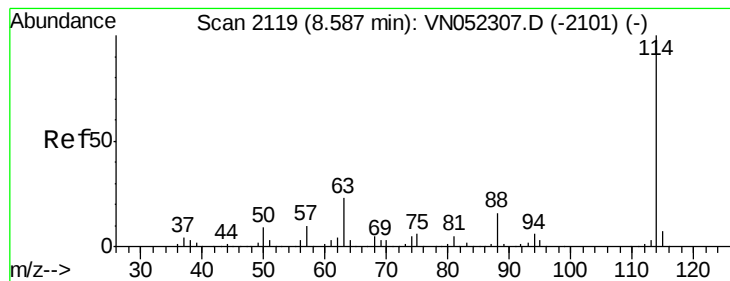
20000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052377.D

Acq: 19 Nov 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBL01

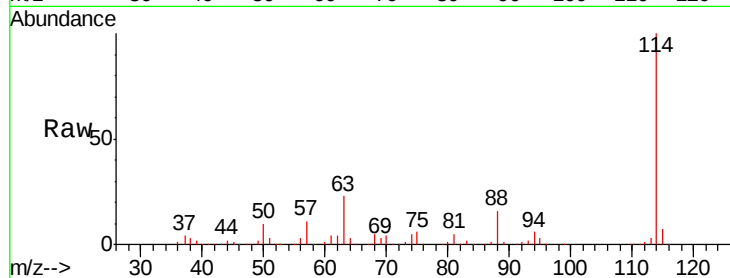
Tgt Ion:114 Resp: 490912

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.4

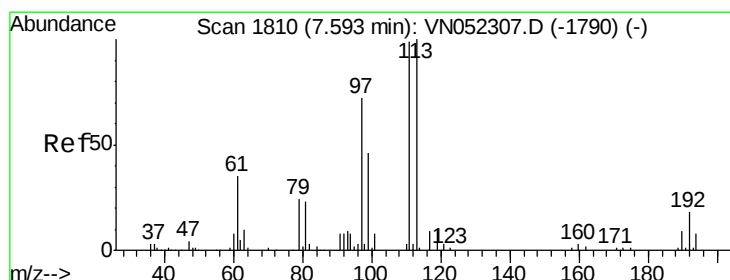
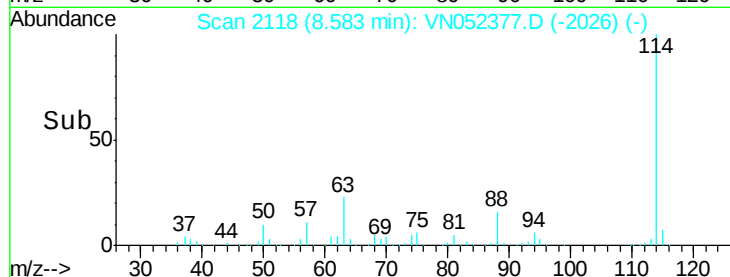
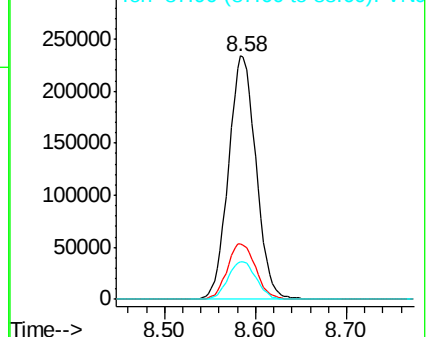
88 15.6 0.0 31.2



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: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052377.D

Acq: 19 Nov 2018 11:01

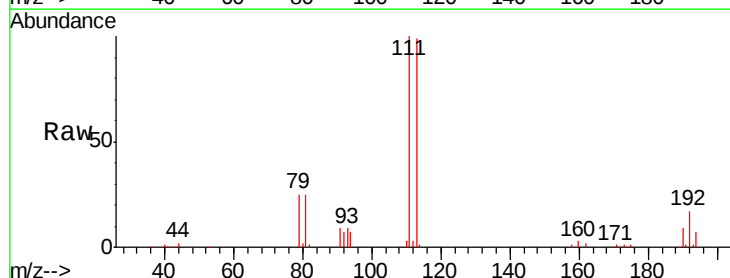
Tgt Ion:113 Resp: 160779

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

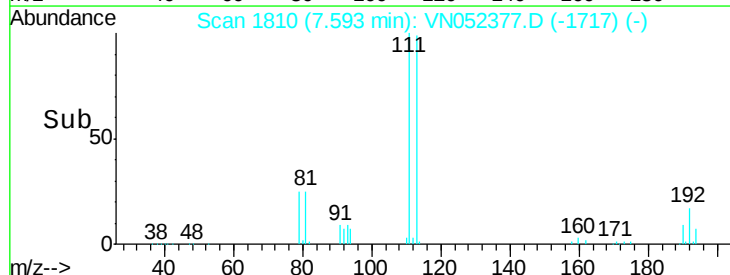
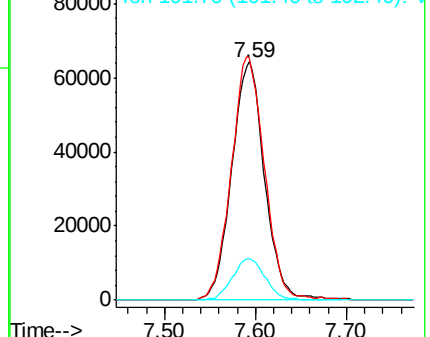
192 17.4 13.8 20.6

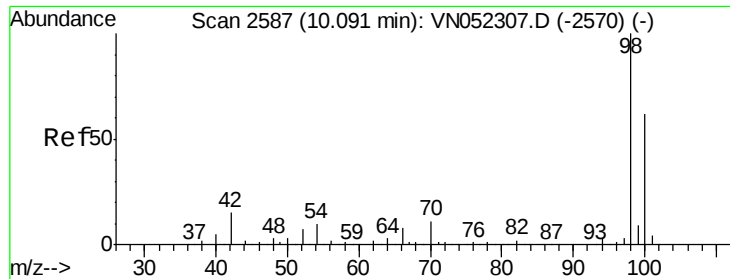


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052377.D

Acq: 19 Nov 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

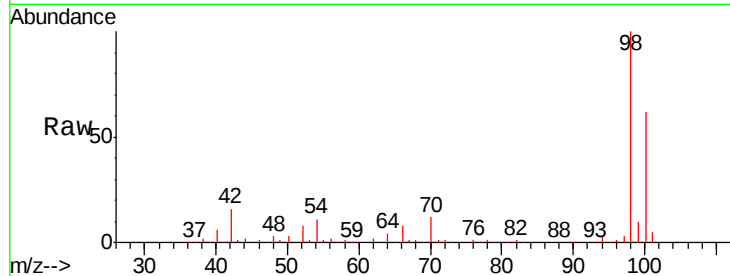
VN1119WBL01

Tgt Ion: 98 Resp: 611466

Ion Ratio Lower Upper

98 100

100 62.1 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)

10.09

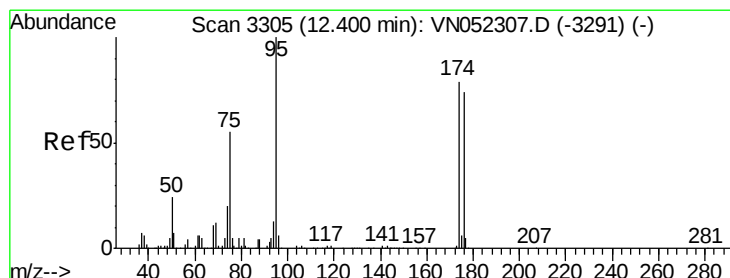
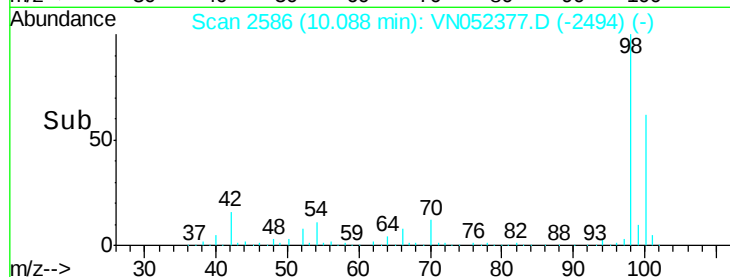
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052377.D

Acq: 19 Nov 2018 11:01

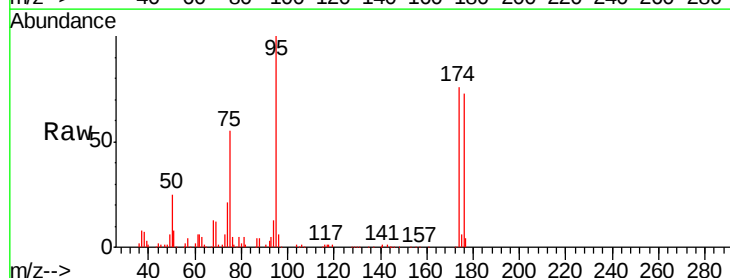
Tgt Ion: 95 Resp: 172166

Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.0

176 72.6 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)

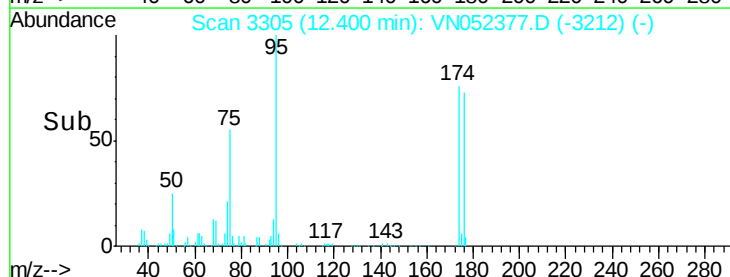
12.40

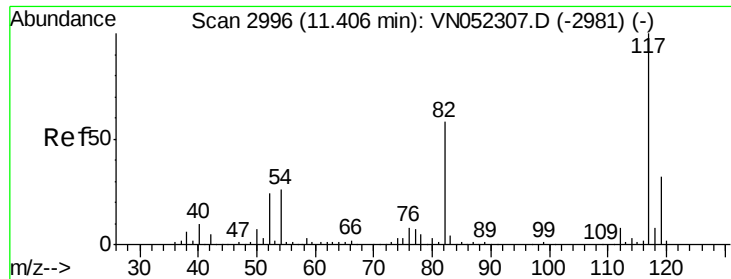
100000

50000

0

Time-->

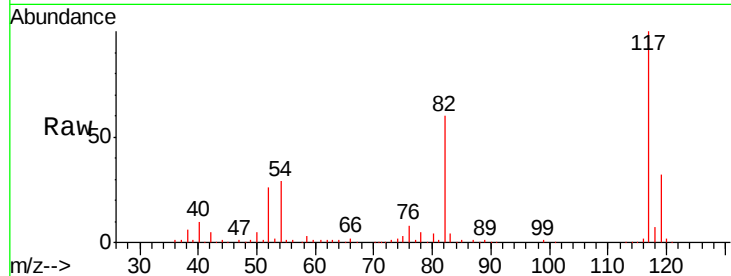




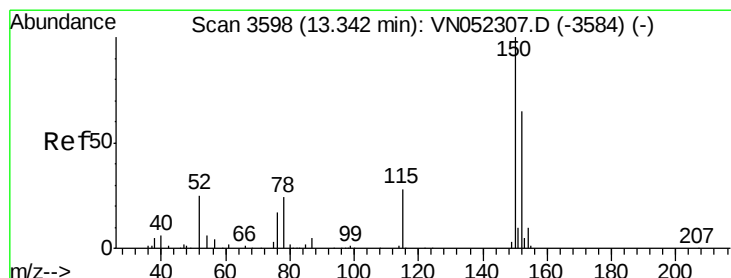
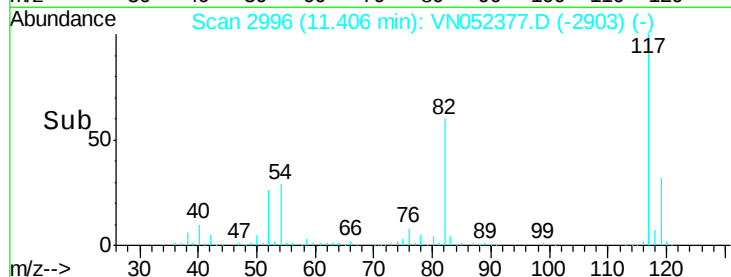
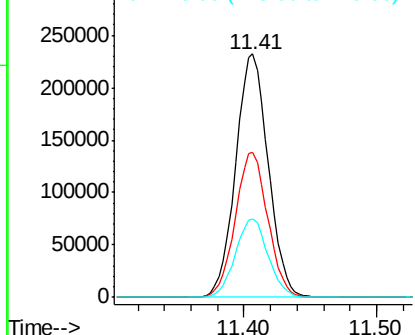
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052377.D
Acq: 19 Nov 2018 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL01

Tgt Ion:117 Resp: 396635
Ion Ratio Lower Upper
117 100
82 59.8 46.5 69.7
119 32.4 25.7 38.5

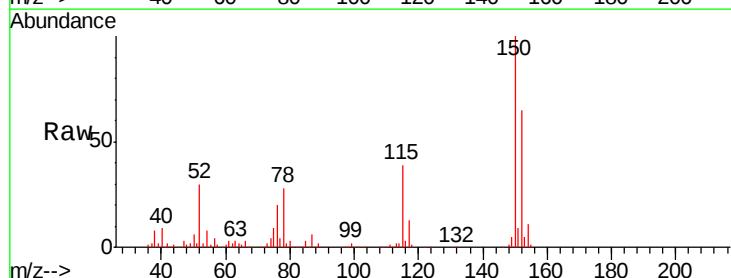


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052377.D
Acq: 19 Nov 2018 11:01

Tgt Ion:152 Resp: 131937
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 155.5 0.0 348.2



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

