

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052402.D
 Acq On : 20 Nov 2018 12:52
 Operator : MD\SY
 Sample : PB114954TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114954TB

Quant Time: Nov 20 13:30:51 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	298609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	498862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	413121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	218586	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.59	113	164313	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.09	98	622199	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.40	95	178434	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	

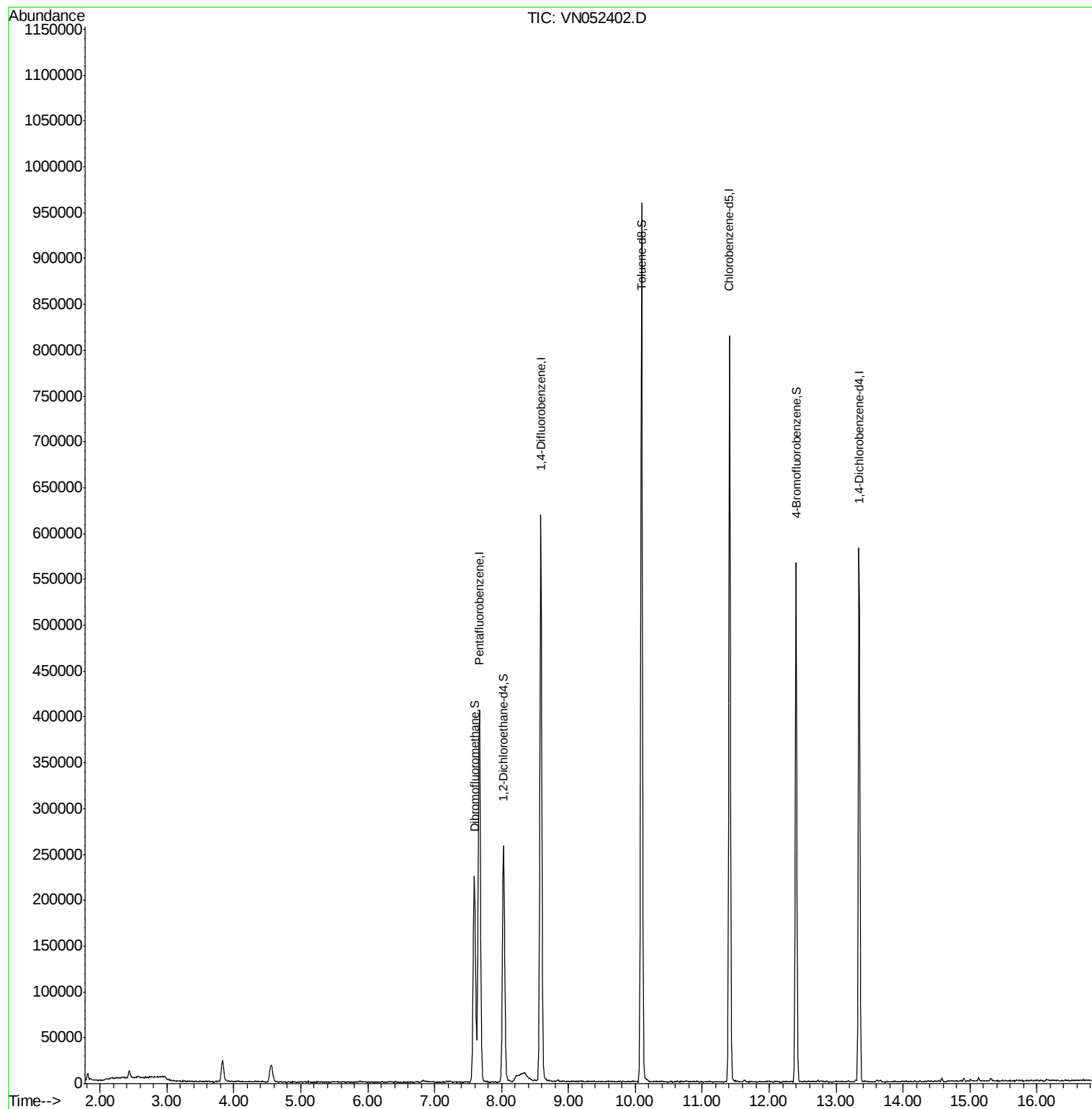
Target Compounds	Qvalue
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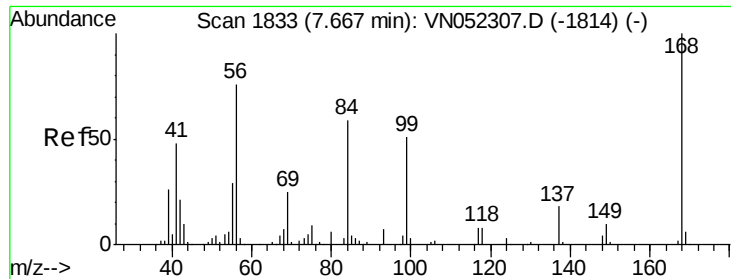
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052402.D

Acq: 20 Nov 2018 12:52

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MSVOA_N

ClientSampleId :

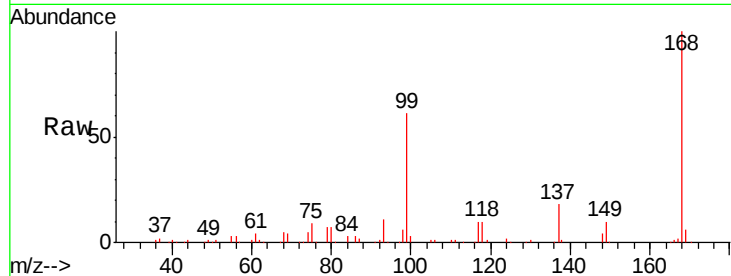
PB114954TB

Tgt Ion:168 Resp: 298609

Ion Ratio Lower Upper

168 100

99 60.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

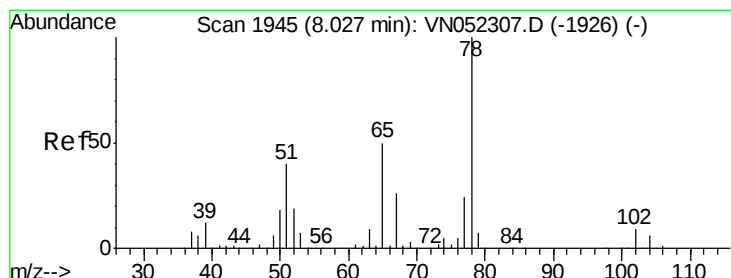
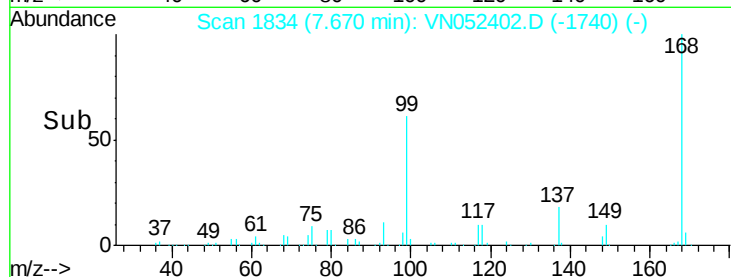
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052402.D

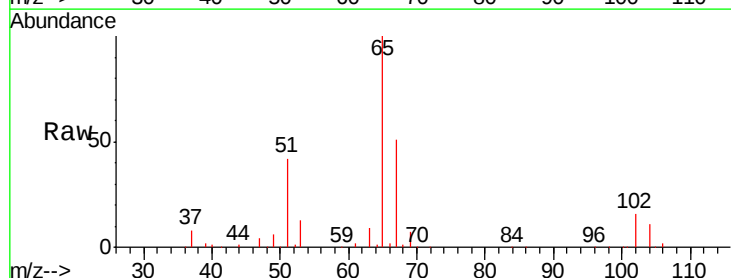
Acq: 20 Nov 2018 12:52

Tgt Ion: 65 Resp: 218586

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052307.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052307.D (-1926) (-)

8.03

100000

80000

60000

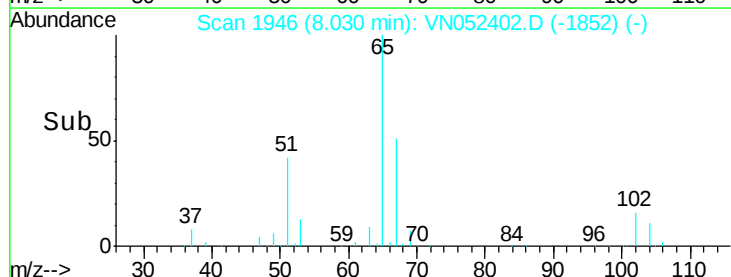
40000

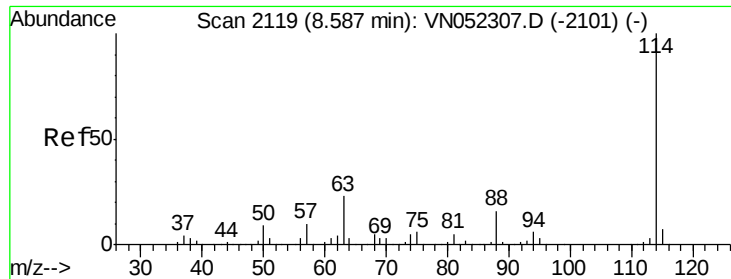
20000

0

7.90 8.00 8.10

Time-->

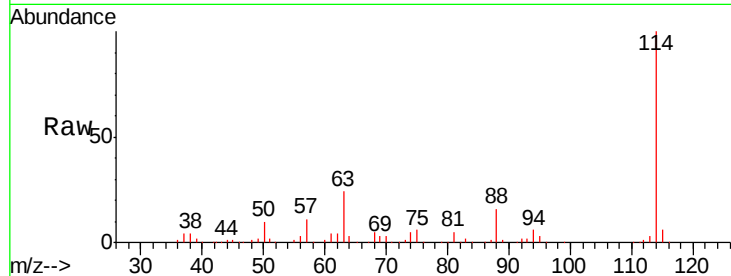




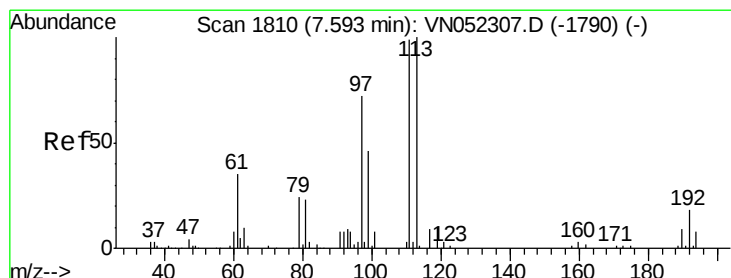
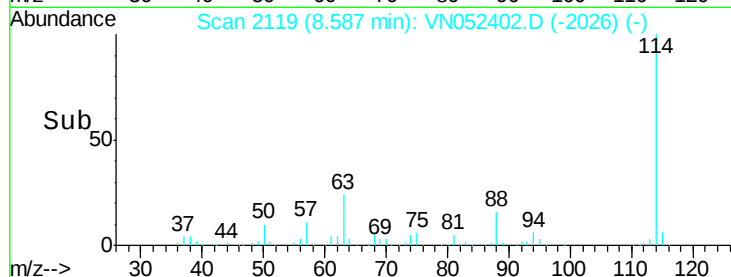
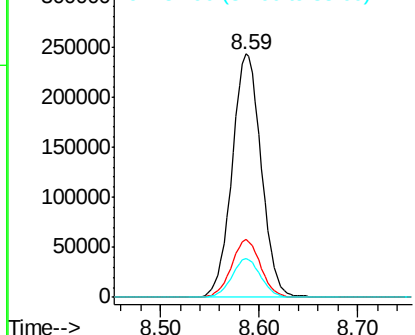
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052402.D
 Acq: 20 Nov 2018 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114954TB

Tgt Ion:114 Resp: 498862
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.4
 88 15.7 0.0 31.2

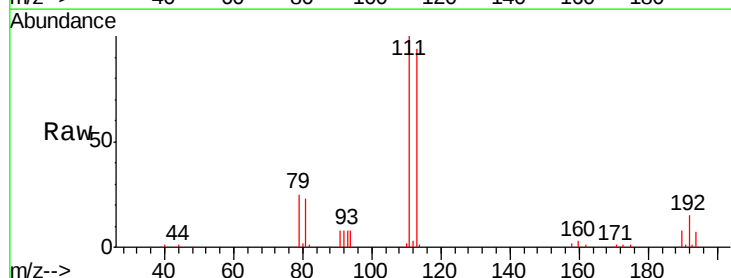


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

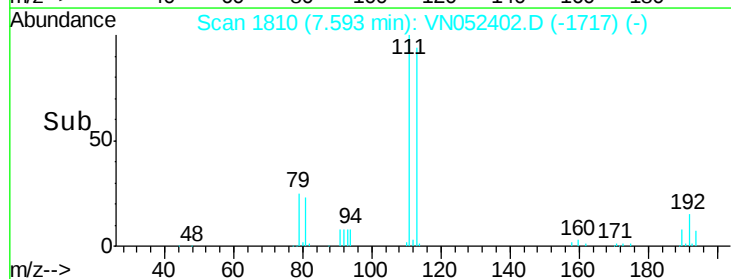
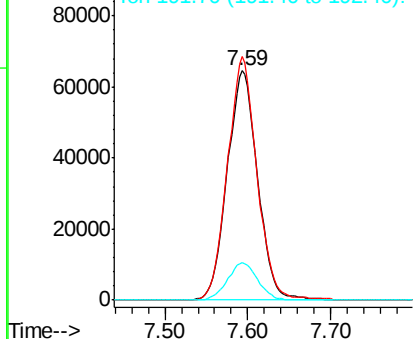


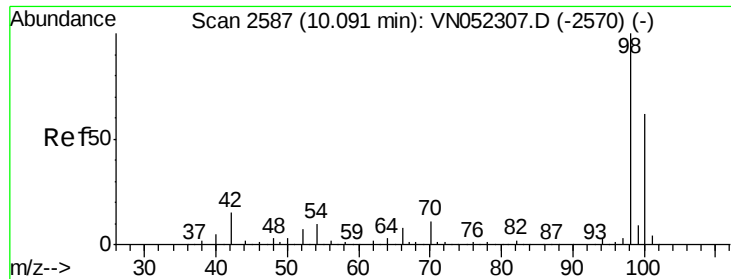
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052402.D
 Acq: 20 Nov 2018 12:52

Tgt Ion:113 Resp: 164313
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 16.2 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# 2587

Delta R.T. -0.00 min

Lab File: VN052402.D

Acq: 20 Nov 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

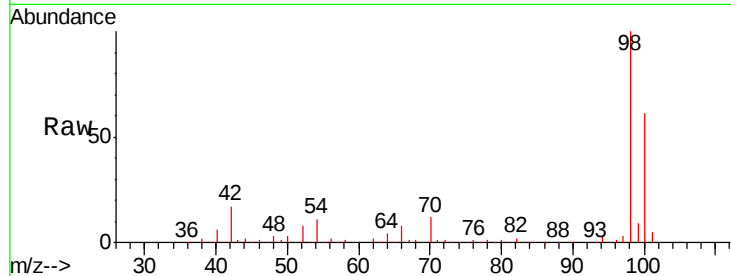
PB114954TB

Tgt Ion: 98 Resp: 622199

Ion Ratio Lower Upper

98 100

100 62.0 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

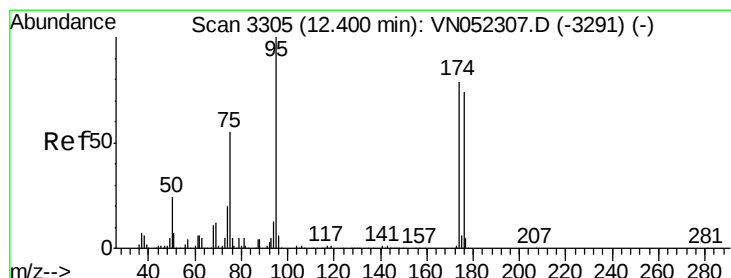
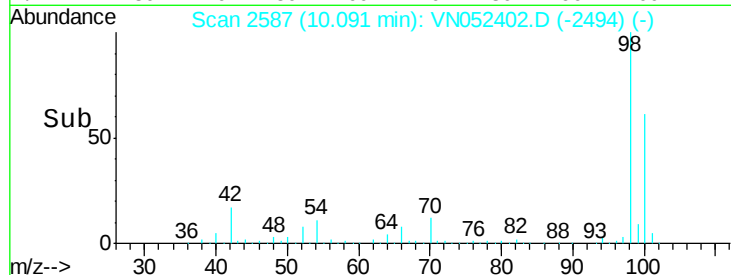
300000

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: VN052402.D

Acq: 20 Nov 2018 12:52

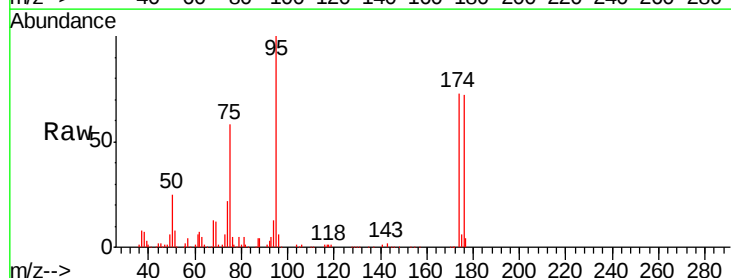
Tgt Ion: 95 Resp: 178434

Ion Ratio Lower Upper

95 100

174 75.0 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) (-)

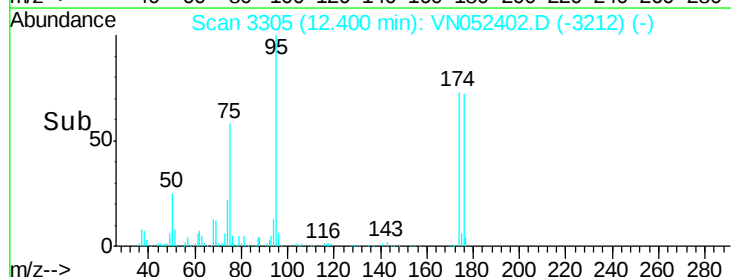
12.40

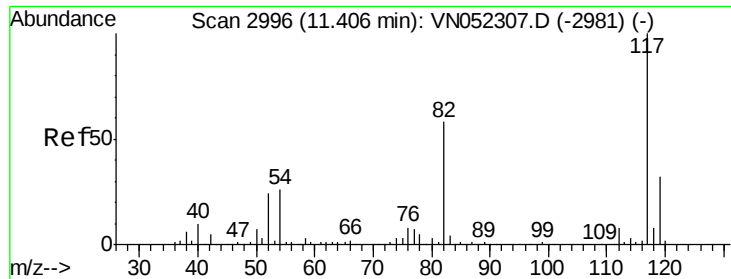
100000

50000

0

Time-->

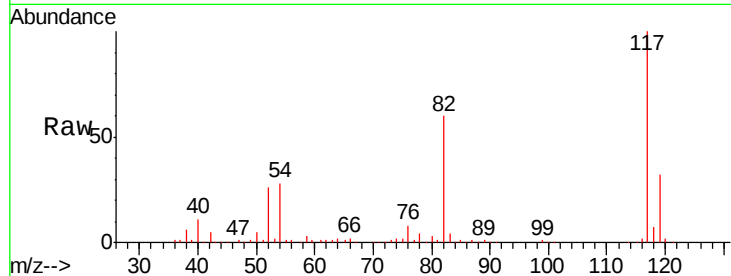




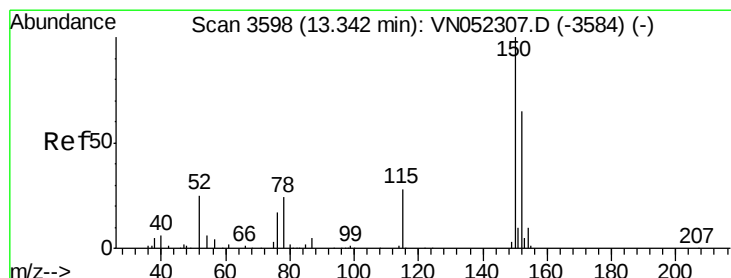
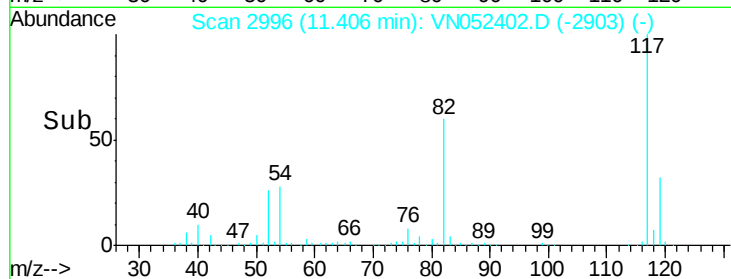
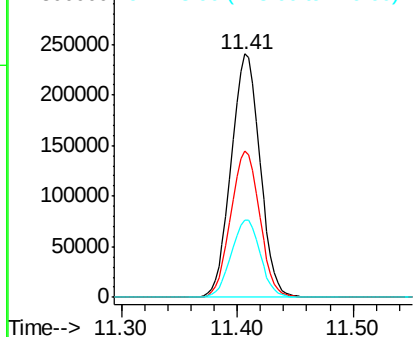
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052402.D
Acq: 20 Nov 2018 12:52

Instrument :
MSVOA_N
ClientSampled :
PB114954TB

Tgt Ion:117 Resp: 413121
Ion Ratio Lower Upper
117 100
82 60.2 46.5 69.7
119 31.7 25.7 38.5

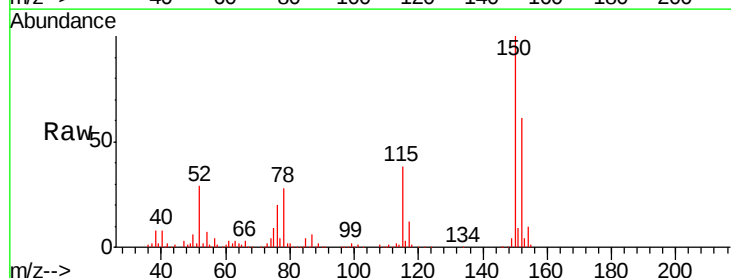


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052402.D
Acq: 20 Nov 2018 12:52

Tgt Ion:152 Resp: 136748
Ion Ratio Lower Upper
152 100
115 62.2 30.3 91.0
150 159.1 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

