

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052100.D
 Acq On : 1 Nov 2018 13:47
 Operator : MD\SY
 Sample : J5756-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BEL-02-CONT-PIPE-WATER

Quant Time: Nov 02 06:58:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	56422	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	338103	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	289278	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	137926	32.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	109.80%
60) 4-Bromofluorobenzene	12.40	95	128617	27.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.63%
63) Toluene-d8	10.09	98	413651	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

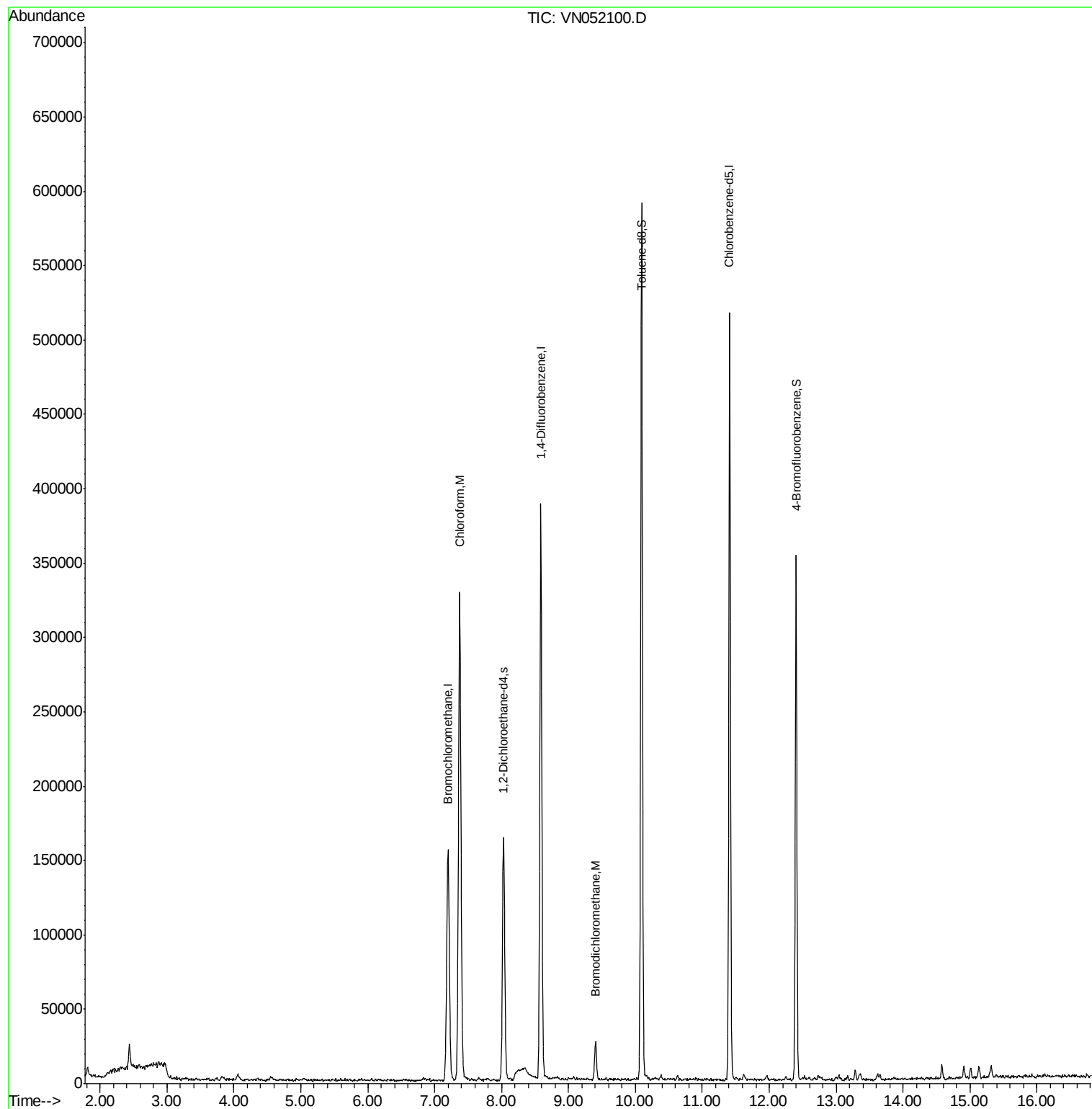
Target Compounds					Qvalue
25) Chloroform	7.37	83	337327	49.935	ug/l 93
41) Bromodichloromethane	9.40	83	17778	3.369	ug/l 97

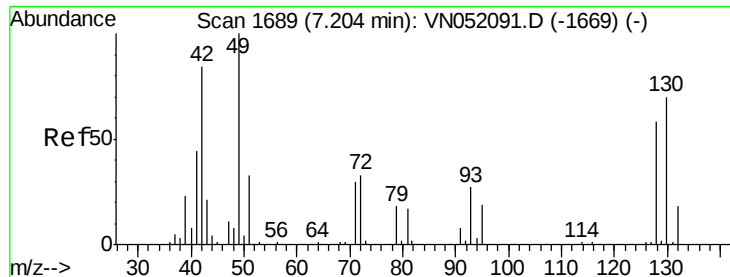
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VN052100.D

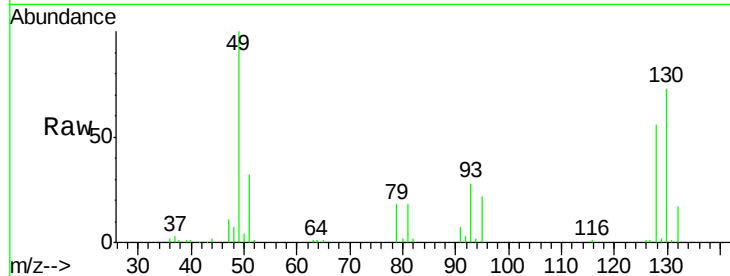
Acq: 1 Nov 2018 13:47

Instrument :

MSVOA_N

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BEL-02-CONT-PIPE-WATER



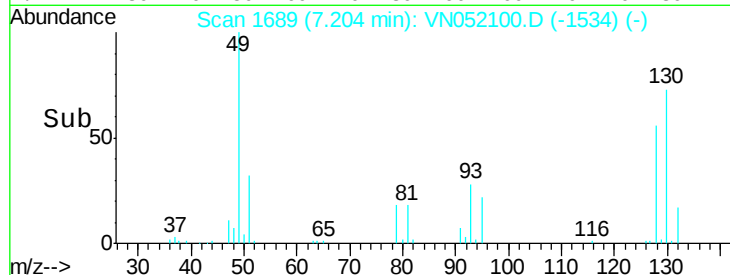
Tgt Ion:128 Resp: 56422

Ion Ratio Lower Upper

128 100

49 182.3 0.0 453.7

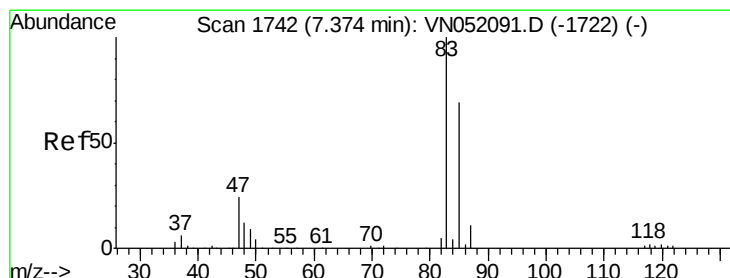
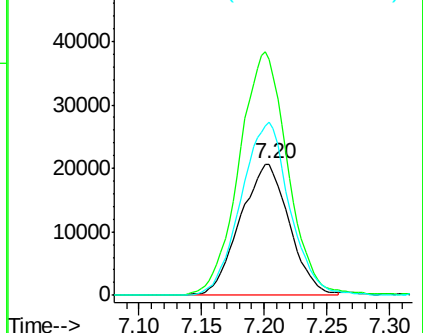
130 130.9 0.0 308.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 49.935 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN052100.D

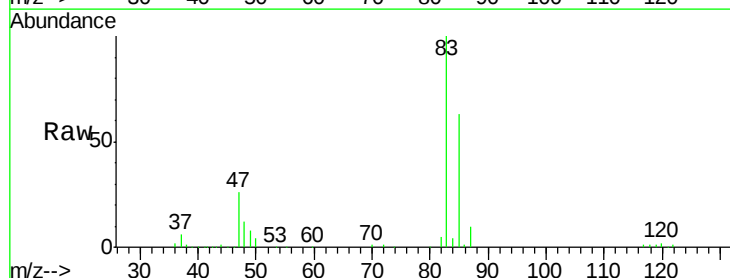
Acq: 1 Nov 2018 13:47

Tgt Ion: 83 Resp: 337327

Ion Ratio Lower Upper

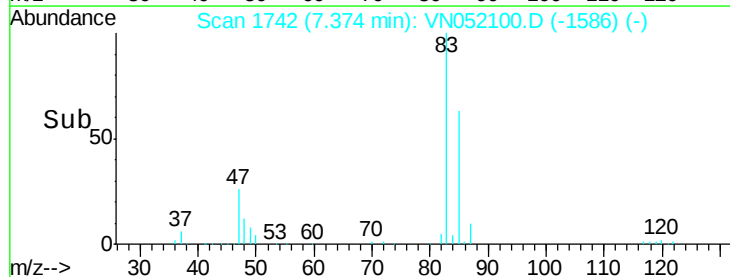
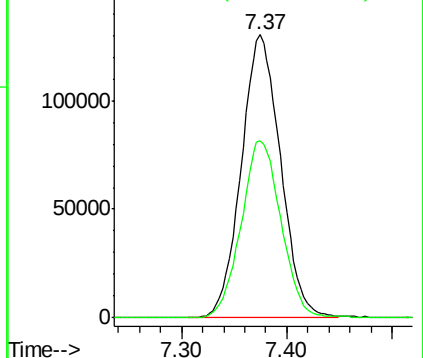
83 100

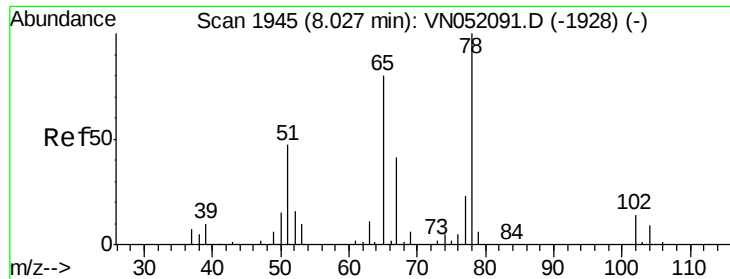
85 62.7 54.9 82.3



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

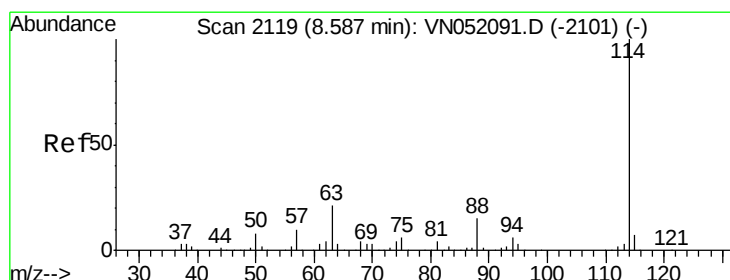
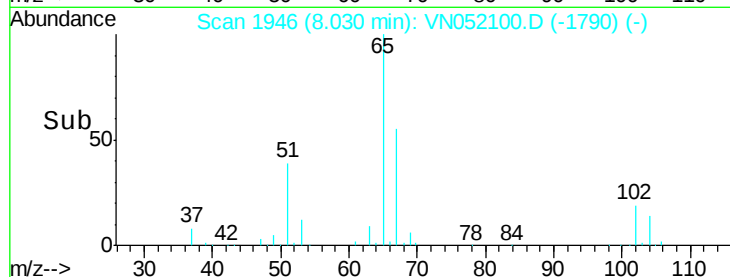
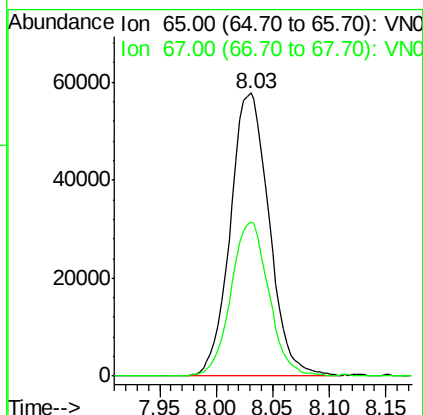
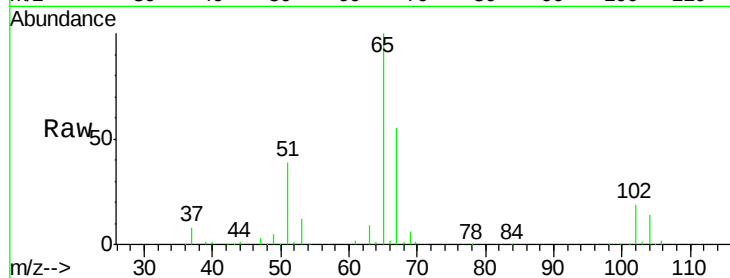




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052100.D
 Acq: 1 Nov 2018 13:47

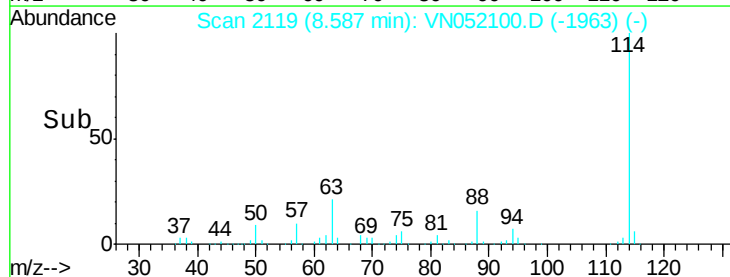
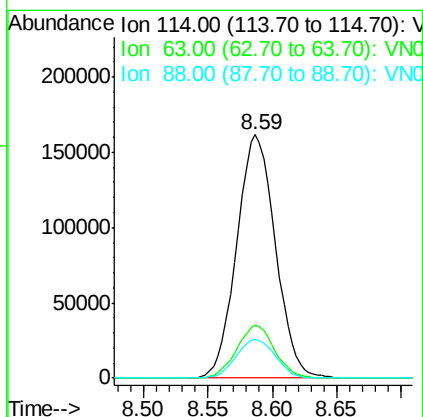
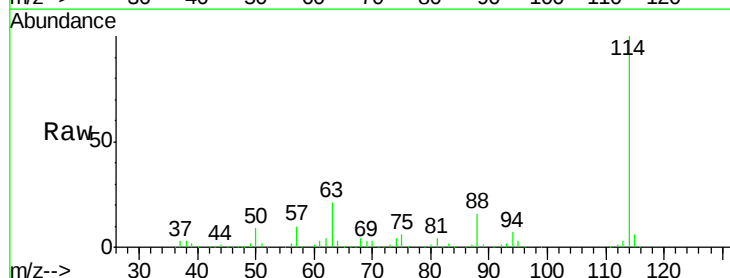
Instrument :
 MSVOA_N
 ClientSampleId :
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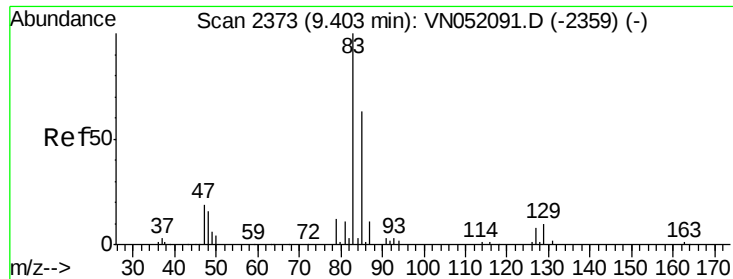
Tgt Ion: 65 Resp: 137926
 Ion Ratio Lower Upper
 65 100
 67 53.2 42.6 64.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052100.D
 Acq: 1 Nov 2018 13:47

Tgt Ion: 114 Resp: 338103
 Ion Ratio Lower Upper
 114 100
 63 21.4 17.5 26.3
 88 16.2 12.6 18.8





#41

Bromodichloromethane

Concen: 3.369 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052100.D

Acq: 1 Nov 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

BEL-02-CONT-PIPE-WATER

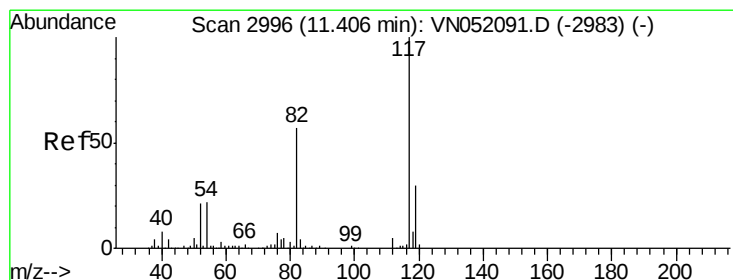
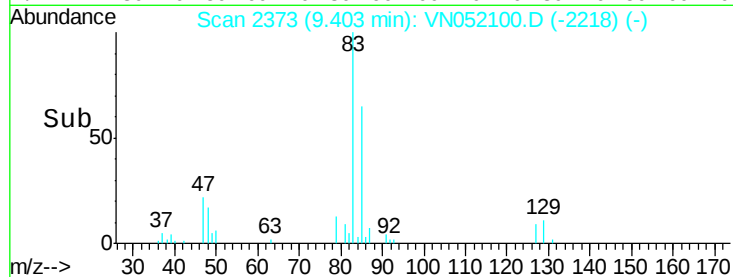
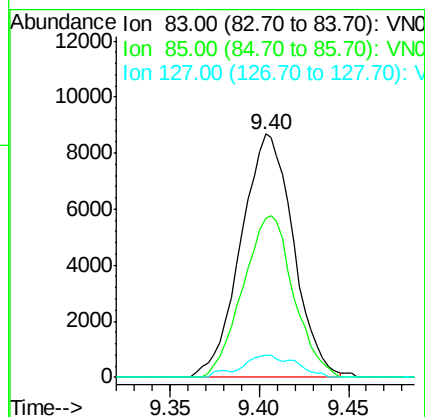
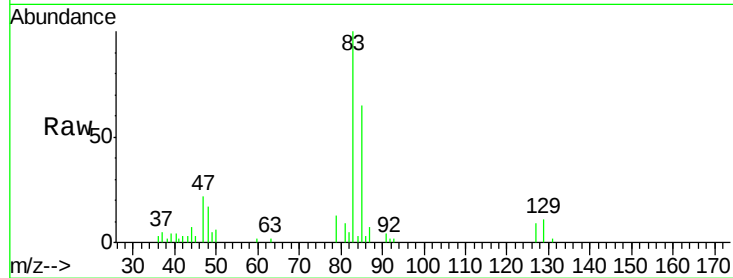
Tgt Ion: 83 Resp: 17778

Ion Ratio Lower Upper

83 100

85 65.4 50.2 75.2

127 9.0 6.6 10.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052100.D

Acq: 1 Nov 2018 13:47

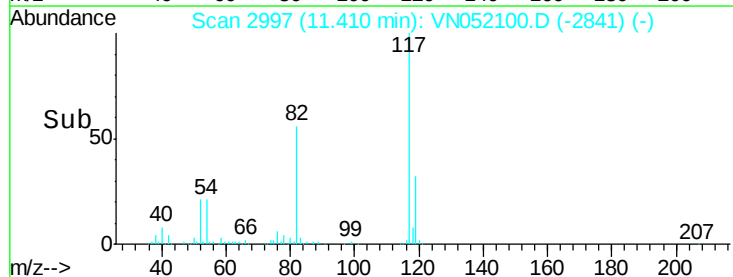
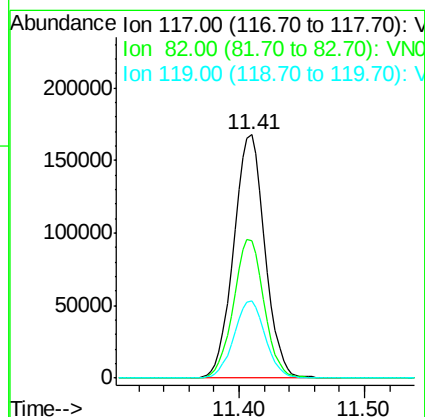
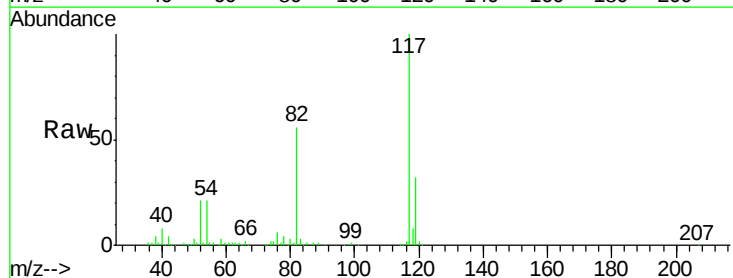
Tgt Ion: 117 Resp: 289278

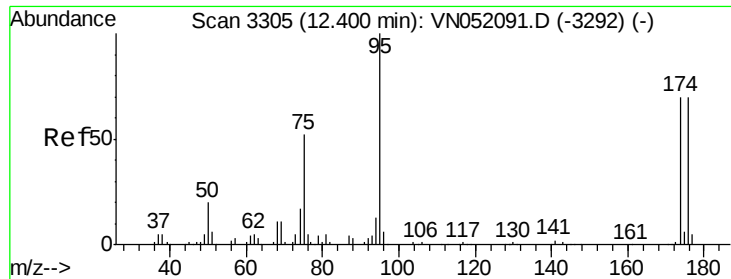
Ion Ratio Lower Upper

117 100

82 56.2 45.0 67.6

119 31.9 24.2 36.4





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052100.D

Acq: 1 Nov 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

BEL-02-CONT-PIPE-WATER

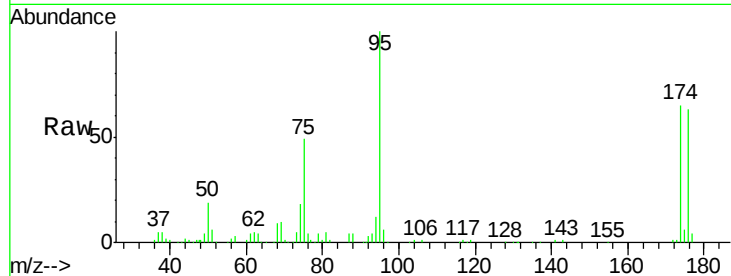
Tgt Ion: 95 Resp: 128617

Ion Ratio Lower Upper

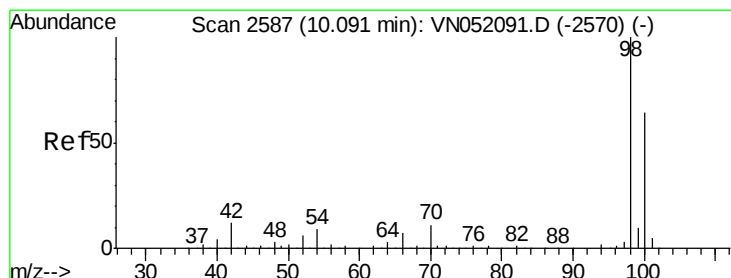
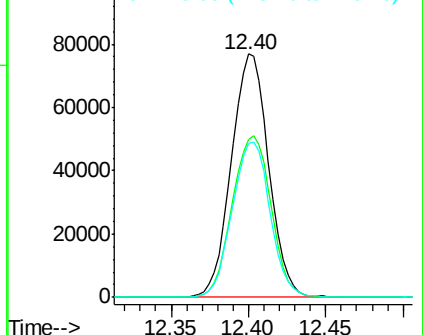
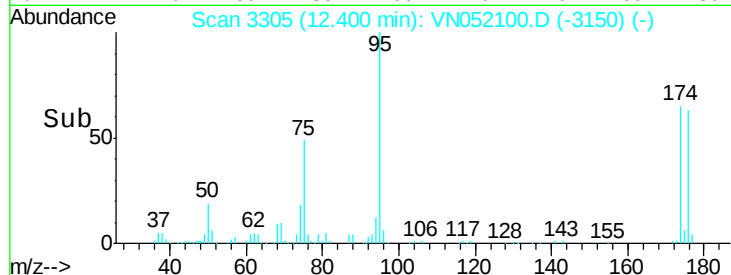
95 100

174 69.2 55.0 82.6

176 65.2 54.2 81.4



Abundance Ion 95.00 (94.70 to 95.70): VN052100.D (-3150) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052100.D

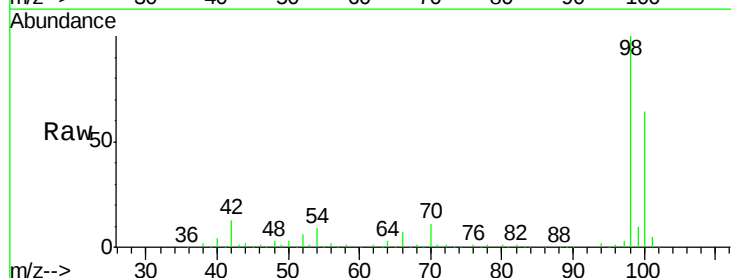
Acq: 1 Nov 2018 13:47

Tgt Ion: 98 Resp: 413651

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN052100.D (-2431) (-)

