

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052281.D
 Acq On : 13 Nov 2018 12:50
 Operator : MD\SY
 Sample : J5756-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

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

Quant Time: Nov 14 00:30:45 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	47273	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	272649	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	228388	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	113689	32.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.00%
60) 4-Bromofluorobenzene	12.40	95	88679	24.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.90%
63) Toluene-d8	10.09	98	327327	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

Target Compounds

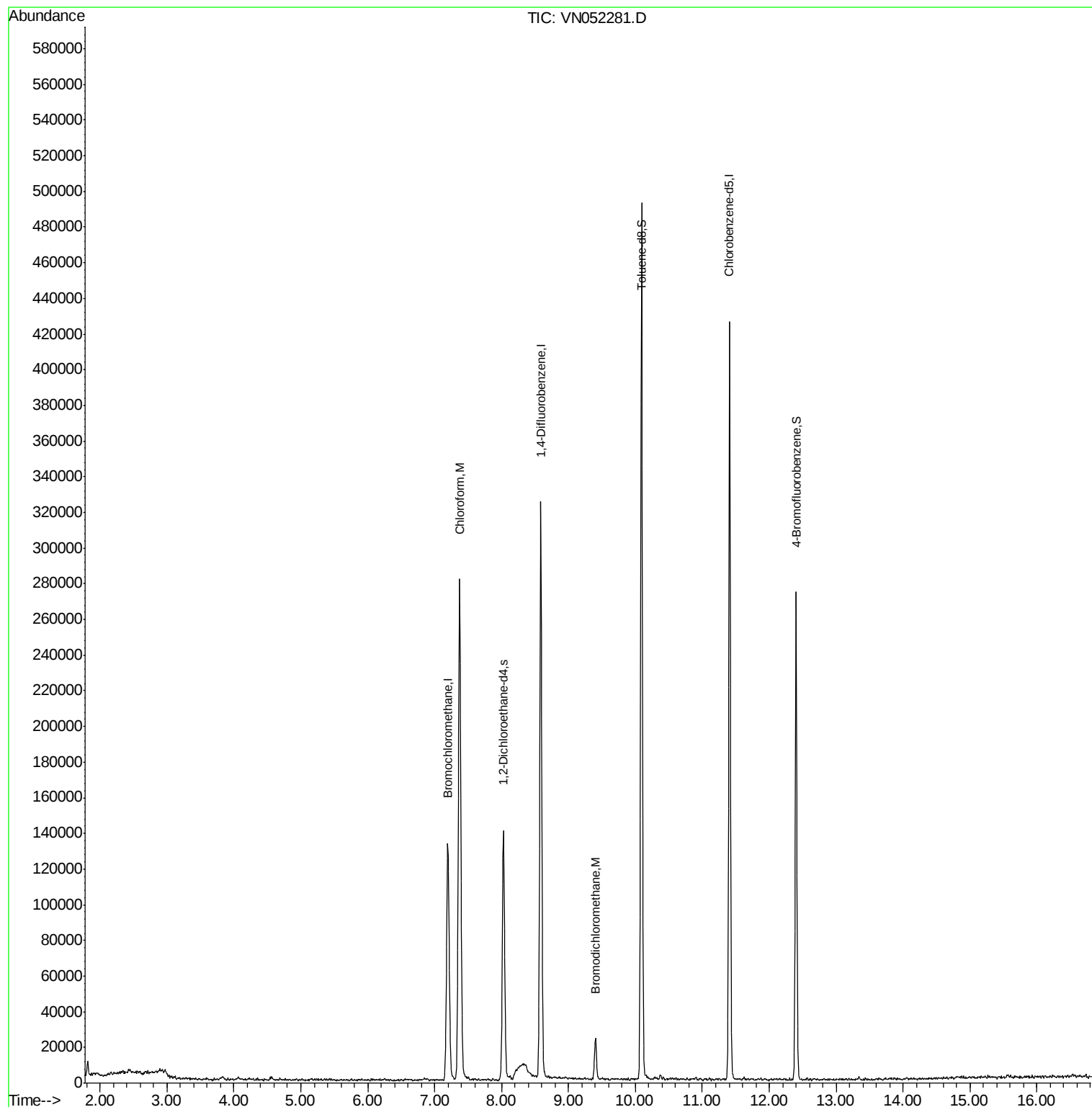
					Ovalue	
25) Chloroform	7.37	83	278442	49.196	ug/l	96
41) Bromodichloromethane	9.40	83	15428	3.626	ug/l #	98

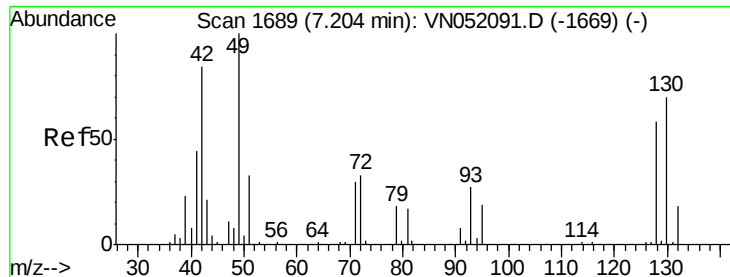
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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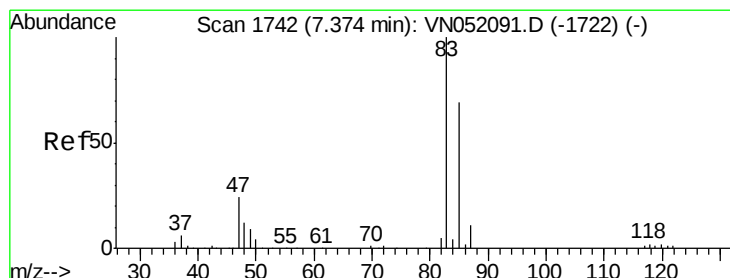
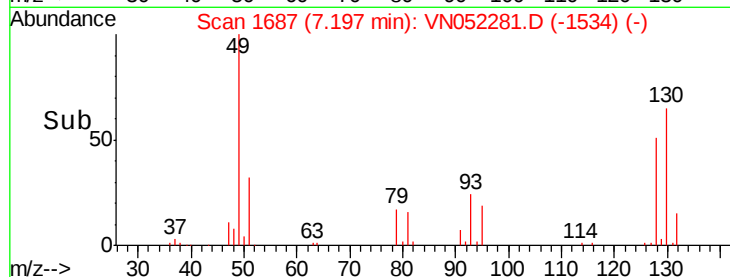
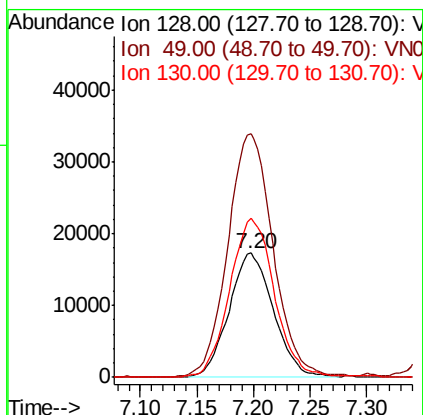
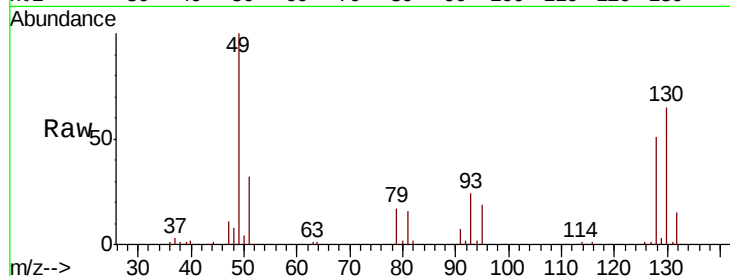




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN052281.D
Acq: 13 Nov 2018 12:50

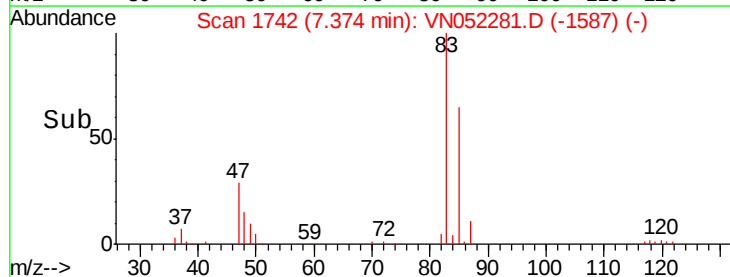
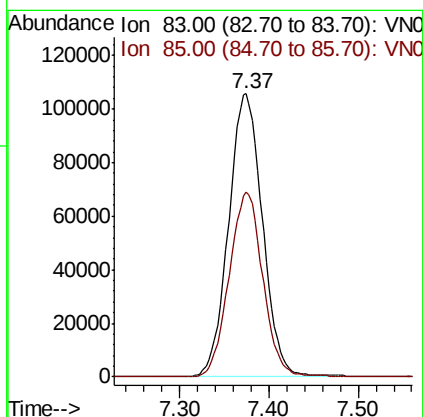
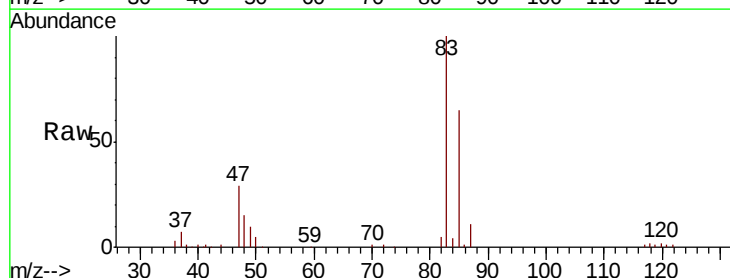
Instrument :
MSVOA_N
ClientSampleId :
BEL-02-CONT-PIPE-WATER

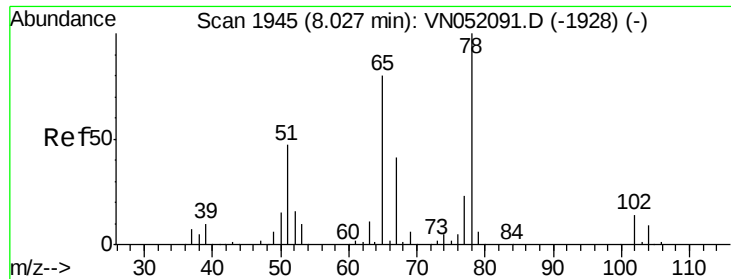
Tot Ion:128 Resp: 47273
Ion Ratio Lower Upper
128 100
49 197.9 0.0 453.7
130 128.5 0.0 308.8



#25
Chloroform
Concen: 49.196 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052281.D
Acq: 13 Nov 2018 12:50

Tgt Ion: 83 Resp: 278442
Ion Ratio Lower Upper
83 100
85 65.5 54.9 82.3

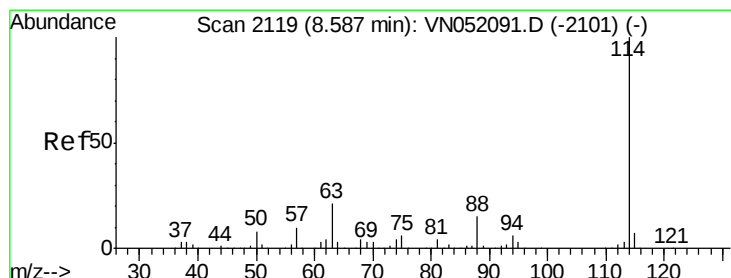
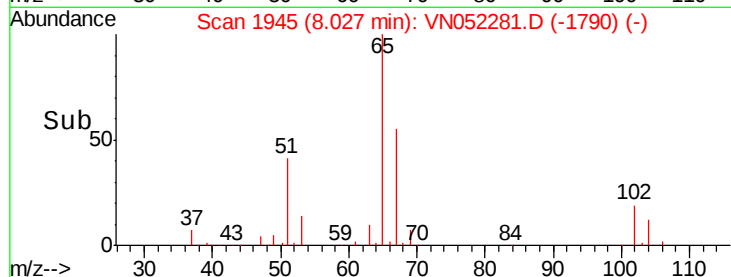
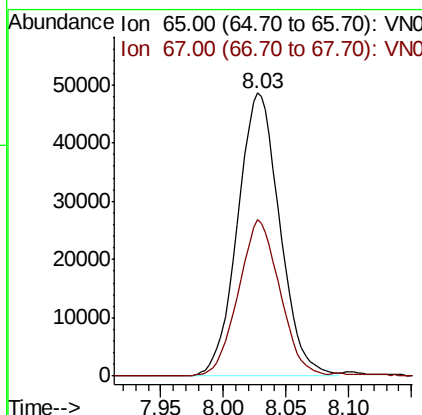
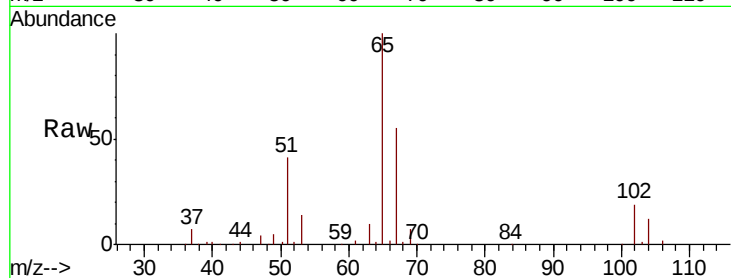




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052281.D
 Acq: 13 Nov 2018 12:50

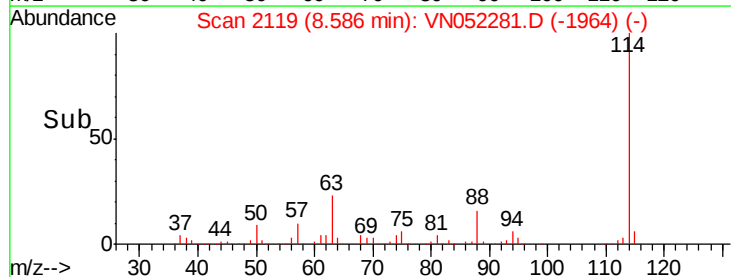
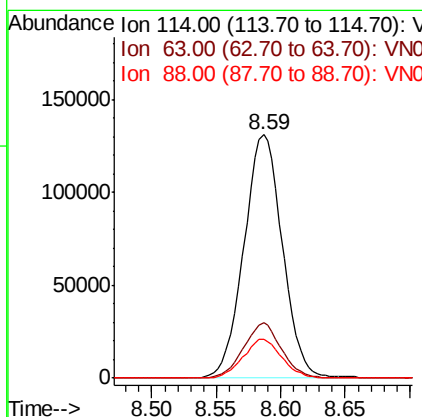
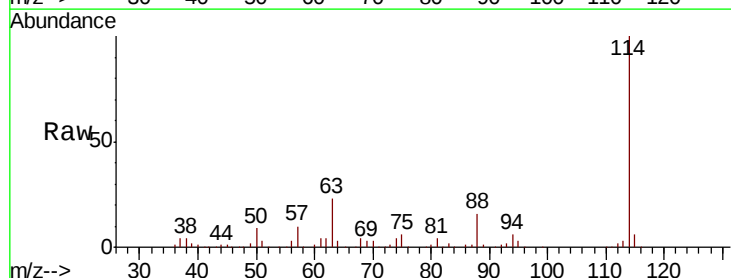
Instrument :
 MSVOA_N
 ClientSampleId :
 BEL-02-CONT-PIPE-WATER

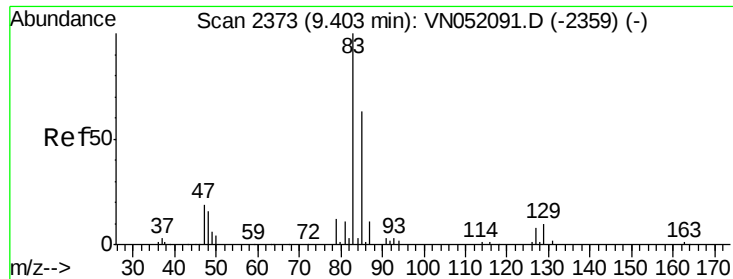
Tot Ion: 65 Resp: 113689
 Ion Ratio Lower Upper
 65 100
 67 54.2 42.6 64.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052281.D
 Acq: 13 Nov 2018 12:50

Tgt Ion: 114 Resp: 272649
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.5 26.3
 88 16.0 12.6 18.8





#41

Bromodichloromethane

Concen: 3.626 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052281.D

Acq: 13 Nov 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

BEL-02-CONT-PIPE-WATER

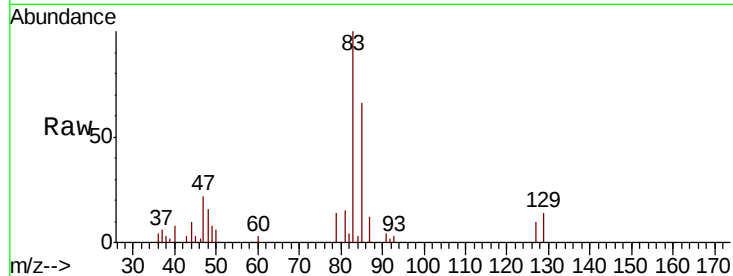
Tot Ion: 83 Resp: 15428

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.2

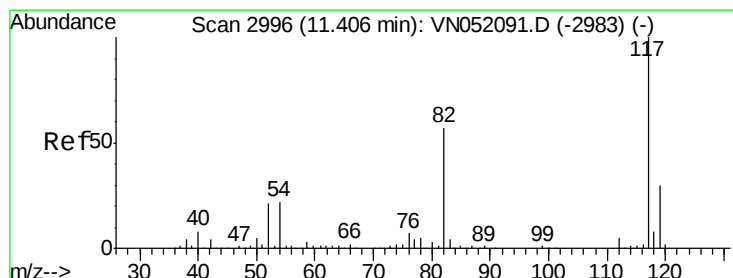
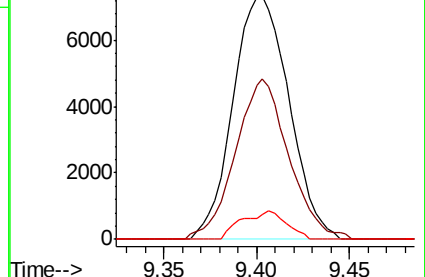
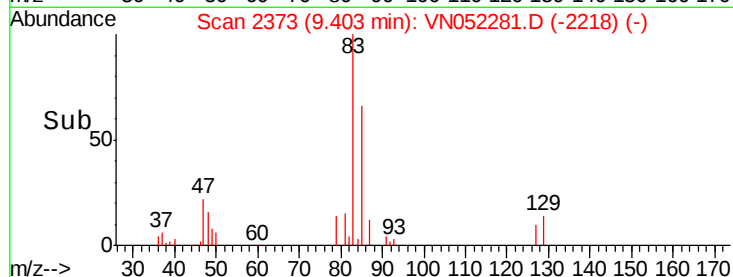
127 10.2 6.6 10.0#



Abundance Ion 83.00 (82.70 to 83.70): VN052091.D (-2359) (-)

Ion 85.00 (84.70 to 85.70): VN052091.D (-2359) (-)

Ion 127.00 (126.70 to 127.70): VN052091.D (-2359) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052281.D

Acq: 13 Nov 2018 12:50

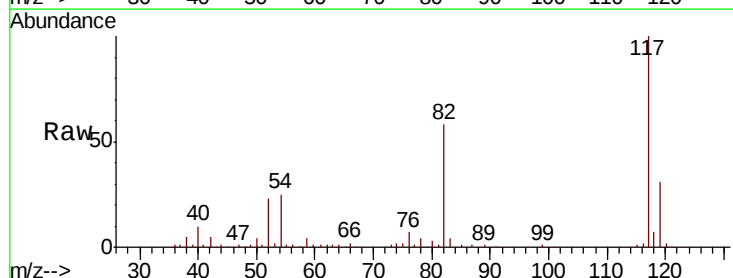
Tgt Ion: 117 Resp: 228388

Ion Ratio Lower Upper

117 100

82 57.8 45.0 67.6

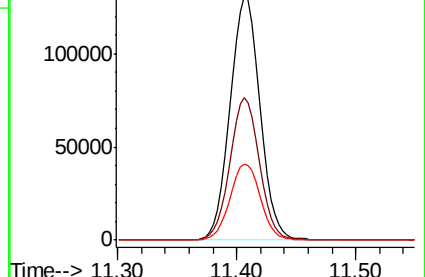
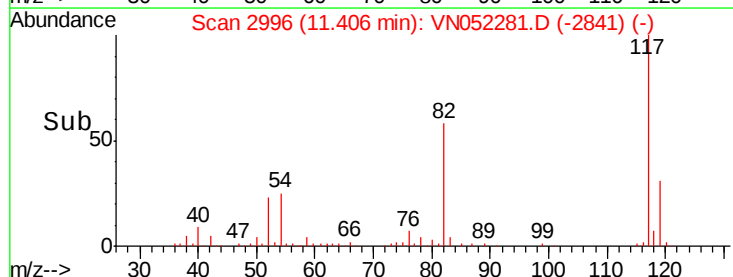
119 31.8 24.2 36.4

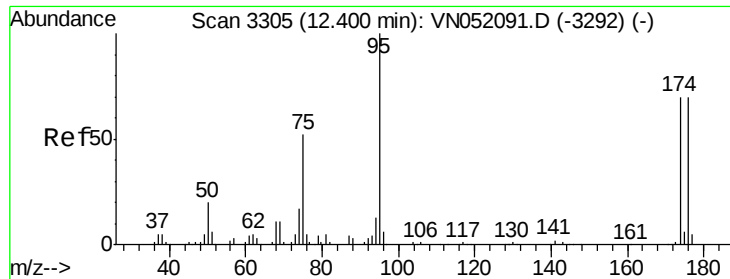


Abundance Ion 117.00 (116.70 to 117.70): VN052091.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN052091.D (-2983) (-)

Ion 119.00 (118.70 to 119.70): VN052091.D (-2983) (-)

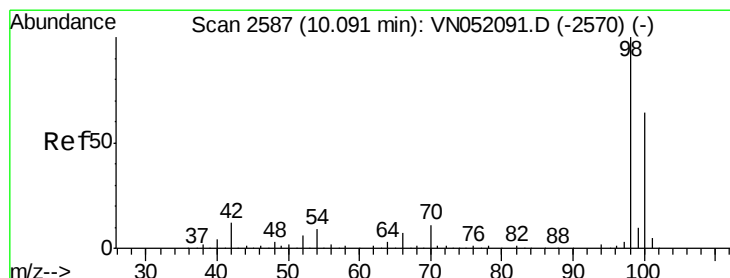
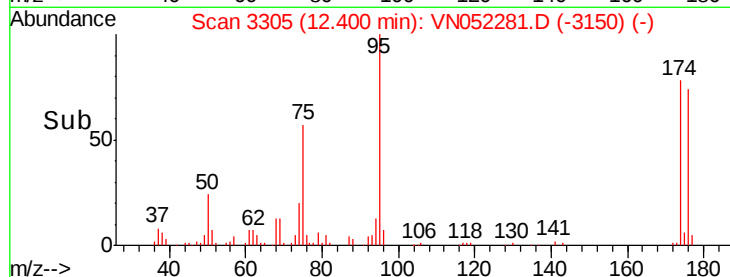
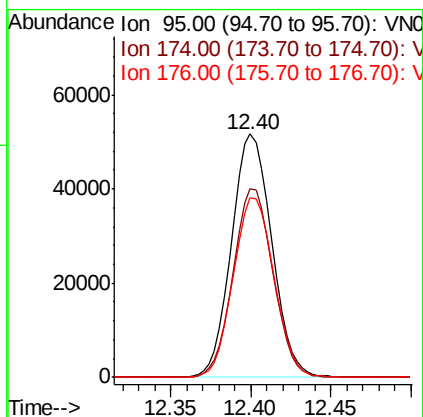
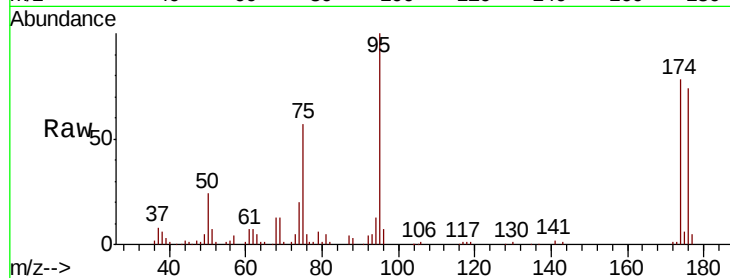




#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052281.D
Acq: 13 Nov 2018 12:50

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

Tot Ion: 95 Resp: 88679
Ion Ratio Lower Upper
95 100
174 76.7 55.0 82.6
176 74.7 54.2 81.4



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052281.D
Acq: 13 Nov 2018 12:50

Tgt Ion: 98 Resp: 327327
Ion Ratio Lower Upper
98 100
100 62.5 50.7 76.1

