

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051180.D
 Acq On : 14 Sep 2018 11:06
 Operator : MD\SY
 Sample : J4907-02 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-591(1)

Quant Time: Sep 14 23:43:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	100853	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	511854	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	411657	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	190844	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	12.40	95	122923	20.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	66.93%
63) Toluene-d8	10.09	98	587815	30.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.07%

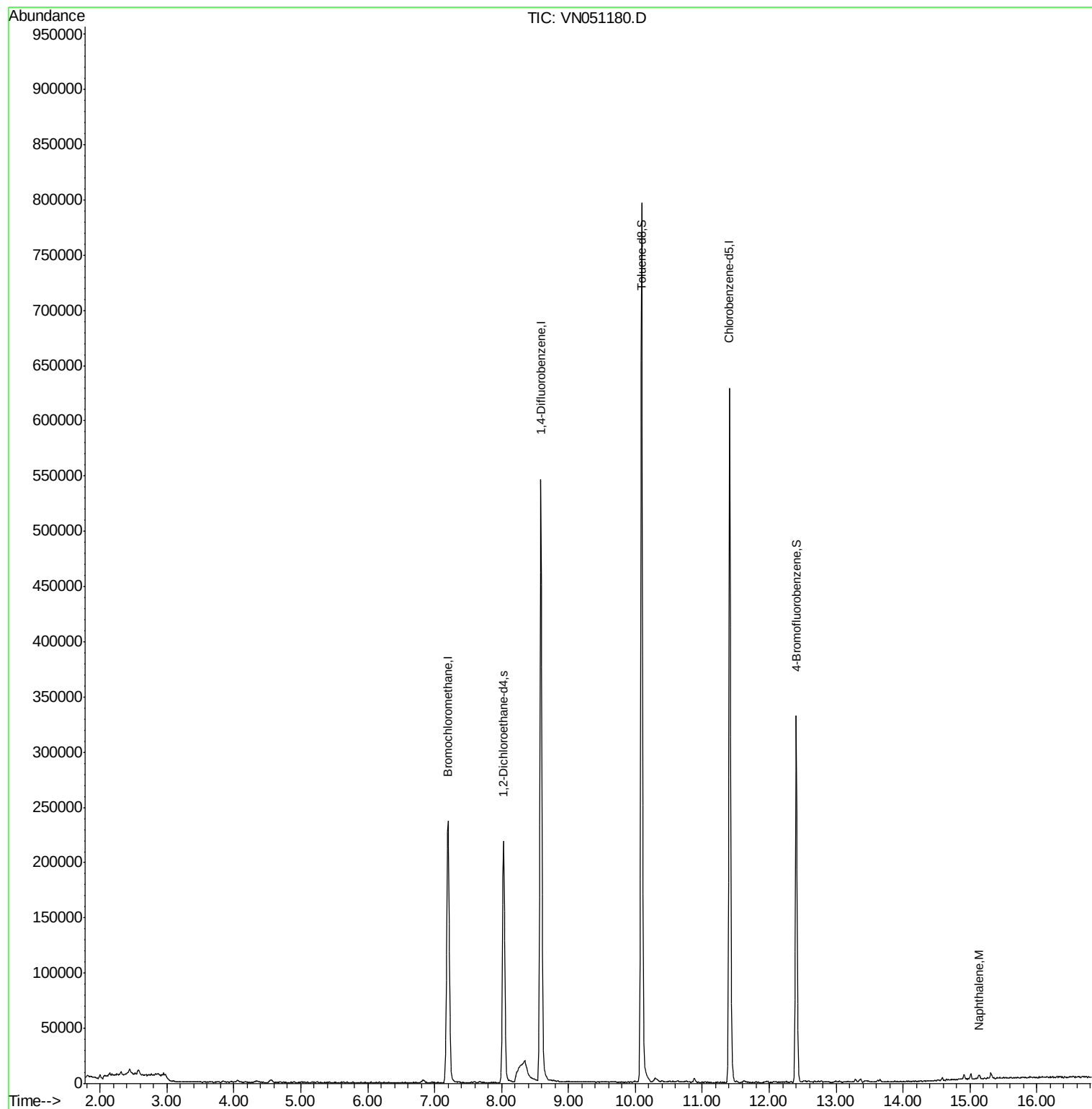
Target Compounds					Ovalue
91) Naphthalene	15.14	128	4117	8.87 ug/l	# 77

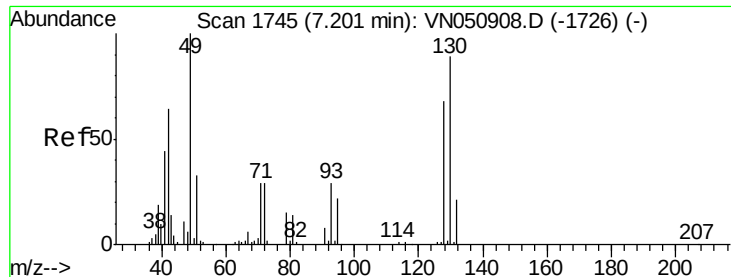
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051180.D

Acq: 14 Sep 2018 11:06

Instrument :

MSVOA_N

ClientSampled :

CBH-591(1)

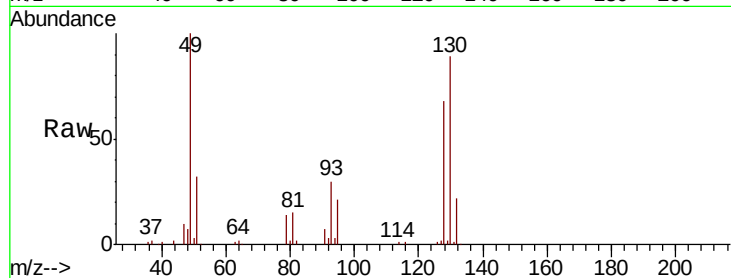
Tot Ion:128 Resp: 100853

Ion Ratio Lower Upper

128 100

49 144.0 0.0 380.3

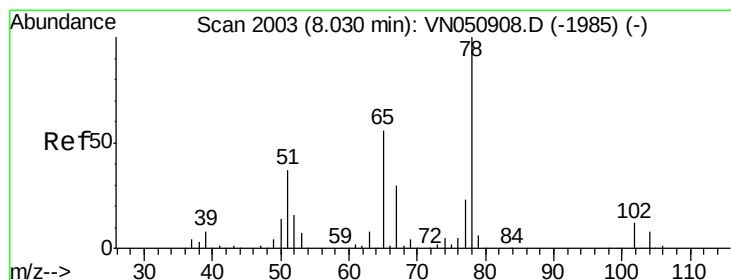
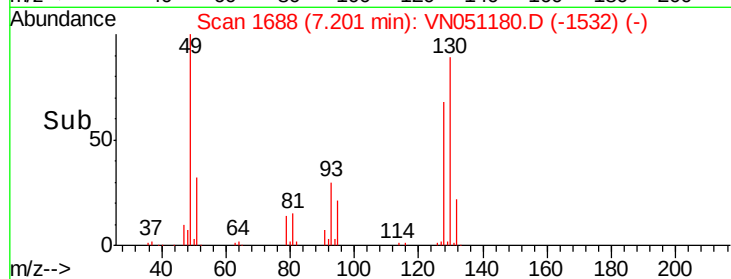
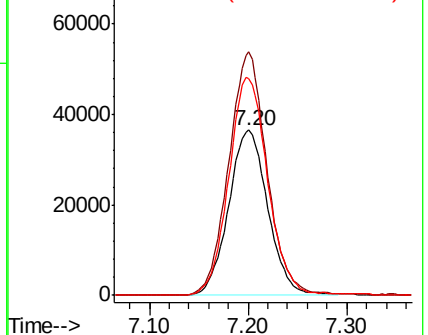
130 130.8 0.0 325.3



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



#27

1,2-Dichloroethane-d4

Concen: 29.65 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051180.D

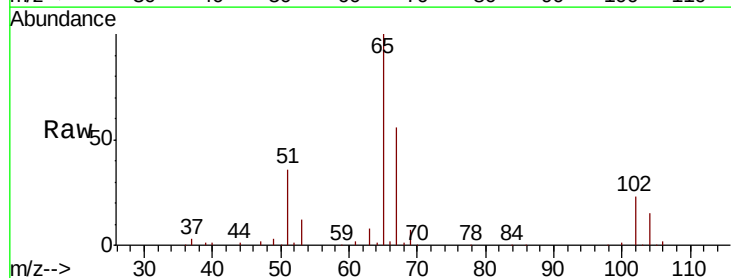
Acq: 14 Sep 2018 11:06

Tgt Ion: 65 Resp: 190844

Ion Ratio Lower Upper

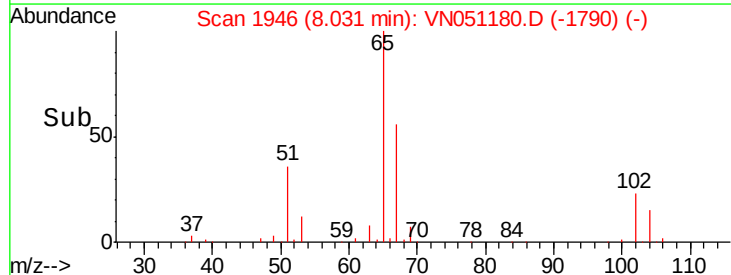
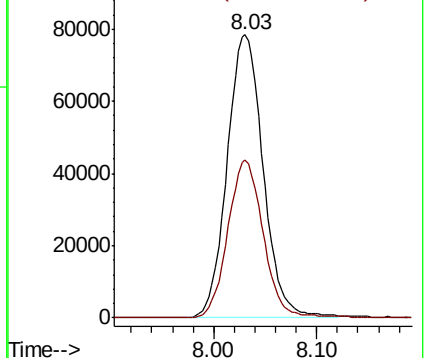
65 100

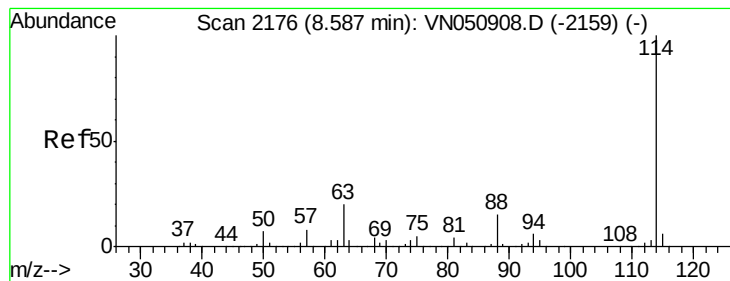
67 54.8 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051180.D

Acq: 14 Sep 2018 11:06

Instrument :

MSVOA_N

ClientSampleId :

CBH-591(1)

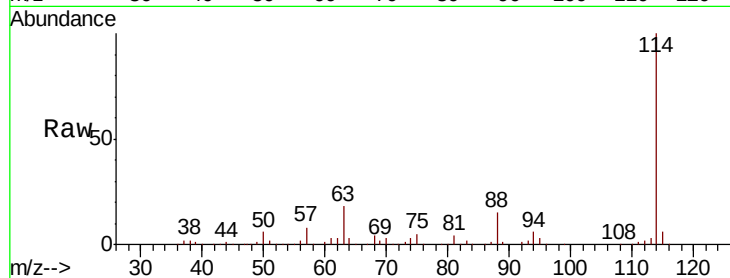
Tot Ion:114 Resp: 511854

Ion Ratio Lower Upper

114 100

63 19.0 15.6 23.4

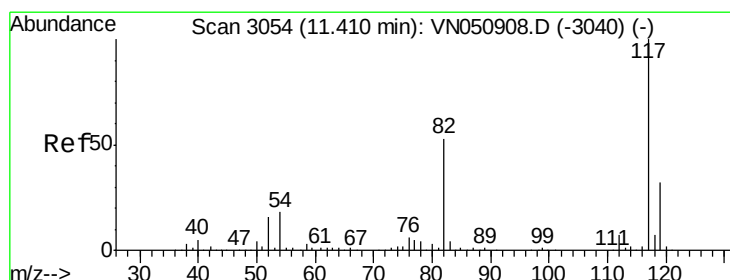
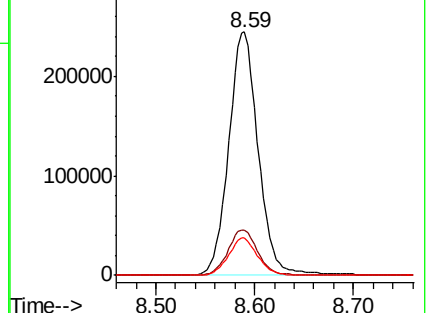
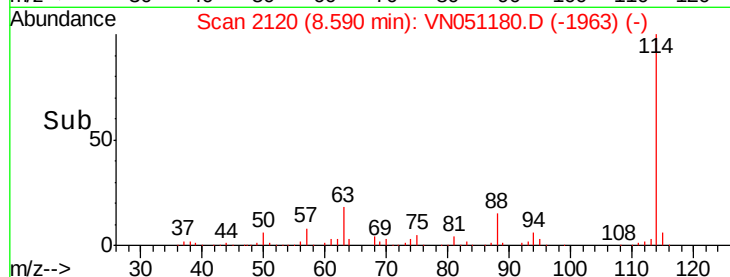
88 15.0 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051180.D

Acq: 14 Sep 2018 11:06

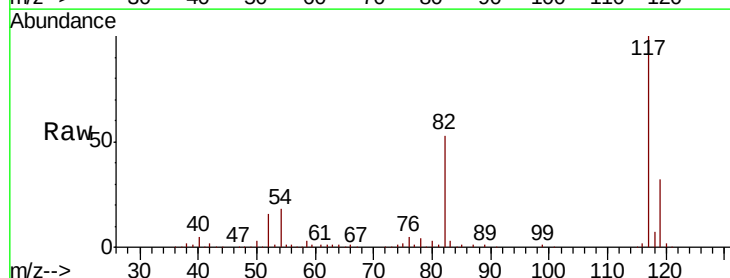
Tgt Ion:117 Resp: 411657

Ion Ratio Lower Upper

117 100

82 52.8 42.6 64.0

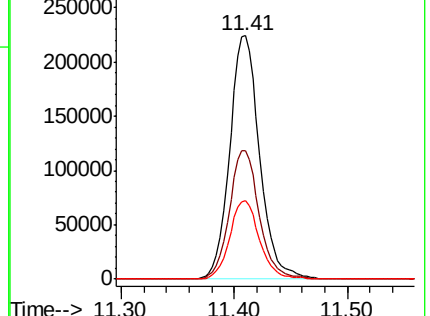
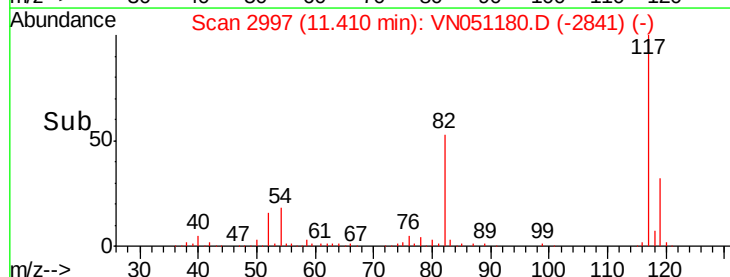
119 32.1 25.7 38.5

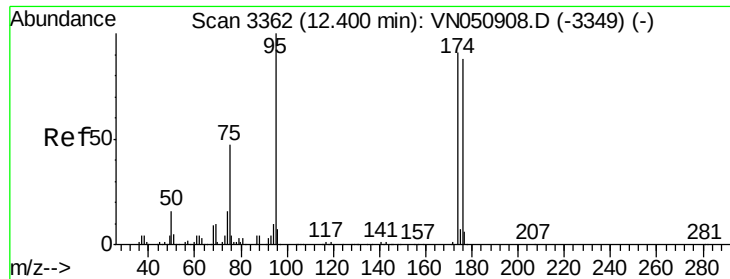


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 20.08 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051180.D

Acq: 14 Sep 2018 11:06

Instrument :

MSVOA_N

ClientSampleId :

CBH-591(1)

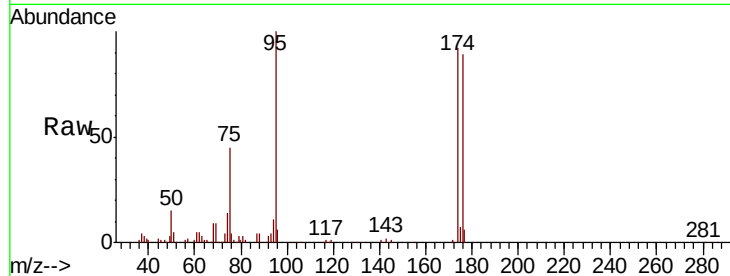
Tot Ion: 95 Resp: 122923

Ion Ratio Lower Upper

95 100

174 92.7 74.6 112.0

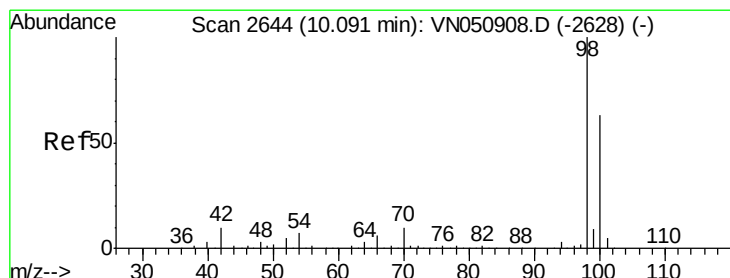
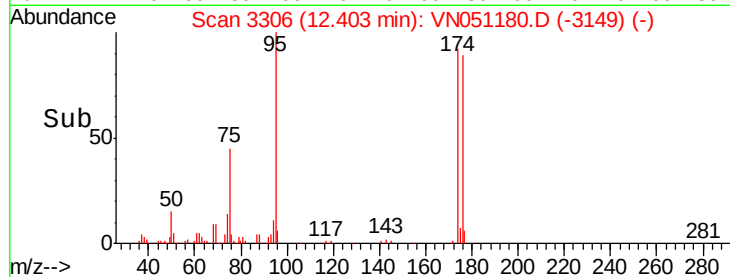
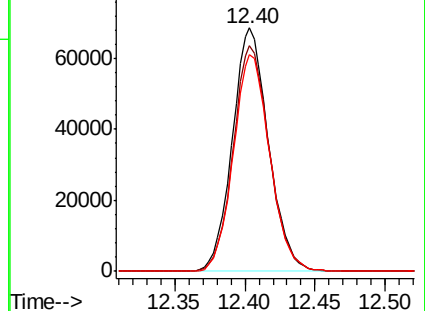
176 89.8 71.5 107.3



Abundance Ion 95.00 (94.70 to 95.70): VN050908.D (-3349) (-)

Ion 174.00 (173.70 to 174.70): VN050908.D (-3349) (-)

Ion 176.00 (175.70 to 176.70): VN050908.D (-3349) (-)



#63

Toluene-d8

Concen: 30.62 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051180.D

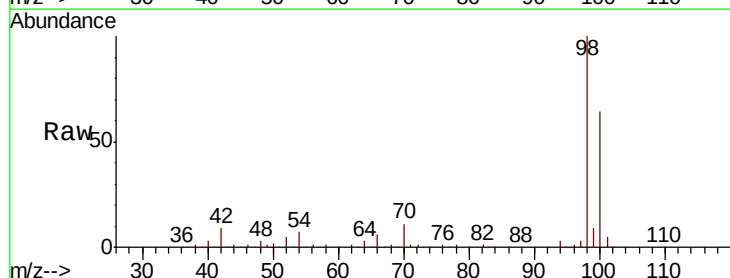
Acq: 14 Sep 2018 11:06

Tgt Ion: 98 Resp: 587815

Ion Ratio Lower Upper

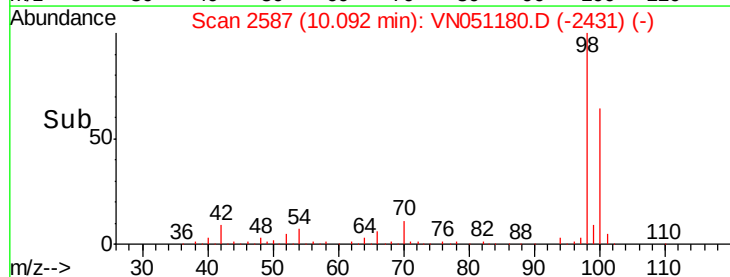
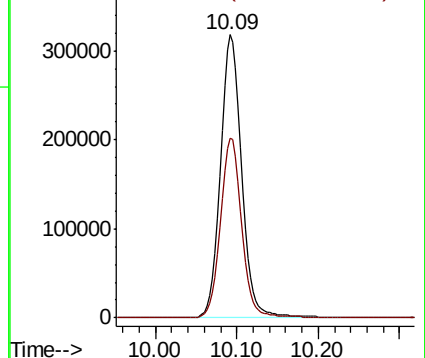
98 100

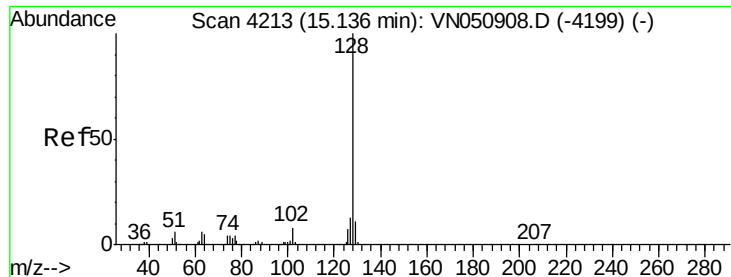
100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN050908.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN050908.D (-2628) (-)





#91

Naphthalene

Concen: 8.87 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051180.D

Acq: 14 Sep 2018 11:06

Instrument :

MSVOA_N

ClientSampleId :

CBH-591(1)

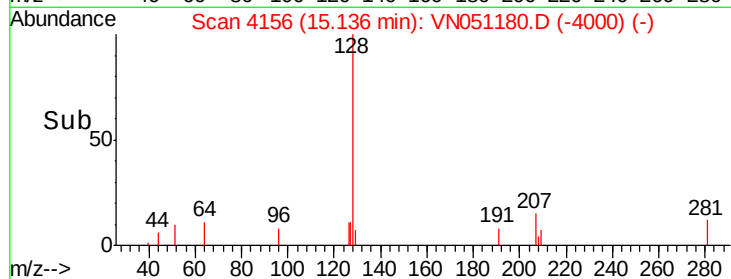
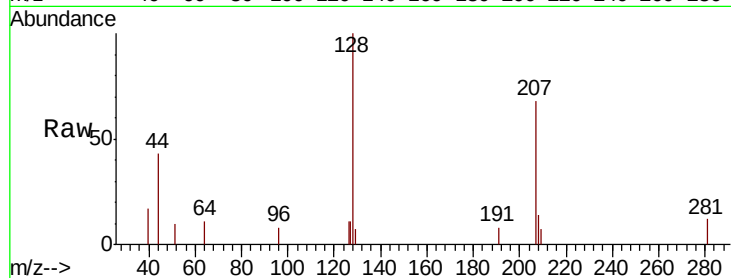
Tot Ion:128 Resp: 4117

Ion Ratio Lower Upper

128 100

127 6.2 10.6 16.0#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

