

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052586.D
 Acq On : 30 Nov 2018 1:30
 Operator : MD\SY
 Sample : J6144-03 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 30 04:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	169709	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	956521	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	787798	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	342127	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	12.40	95	310931	25.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.03%
63) Toluene-d8	10.09	98	1110489	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

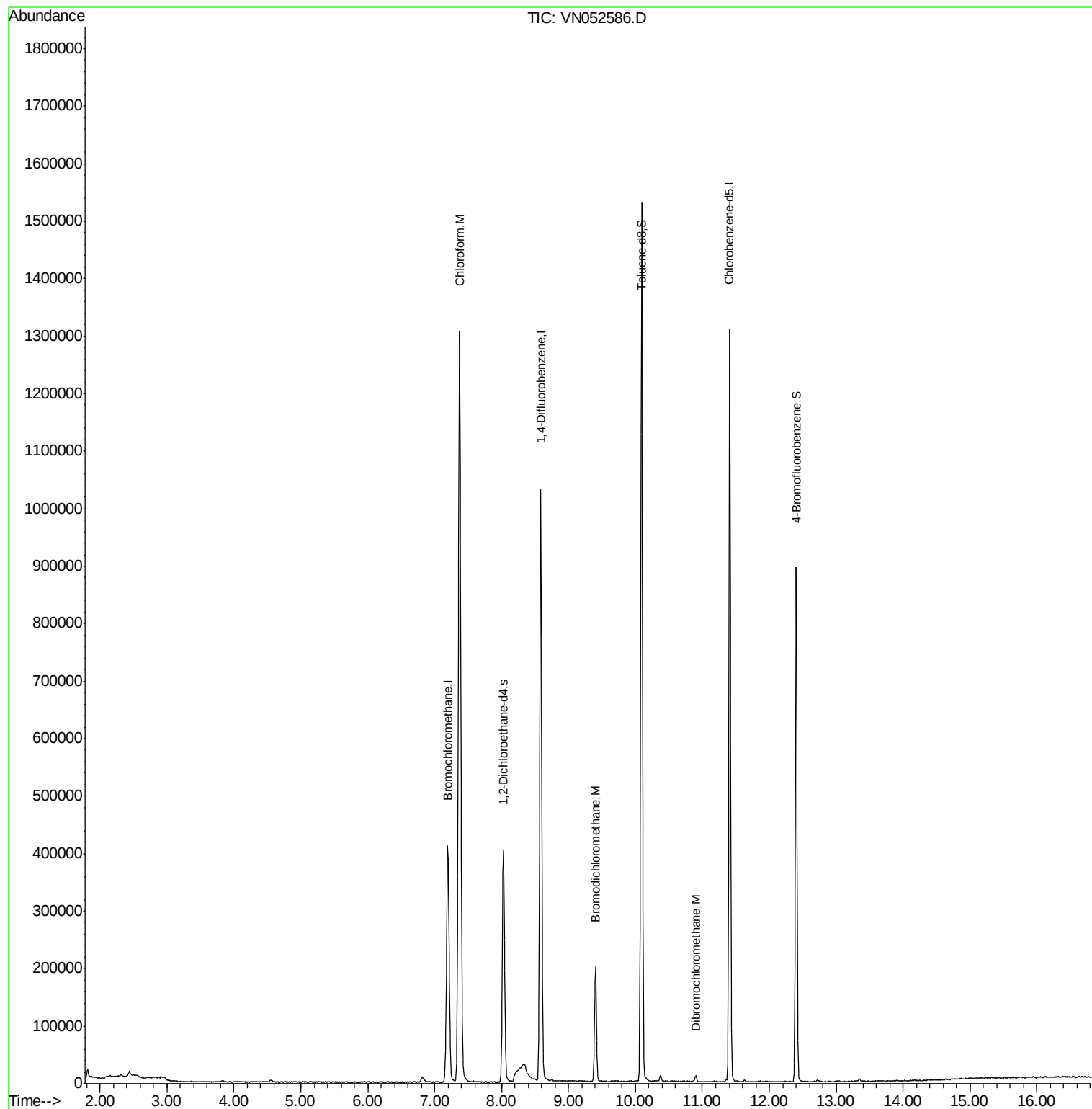
					Qvalue
25) Chloroform	7.37	83	1430910	74.611	ug/l 100
41) Bromodichloromethane	9.40	83	142293	10.124	ug/l 97
53) Dibromochloromethane	10.90	129	6740	0.679	ug/l 88

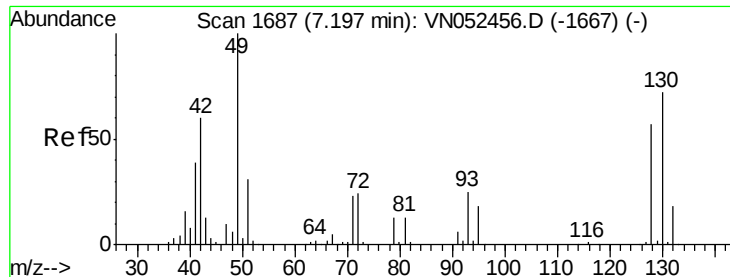
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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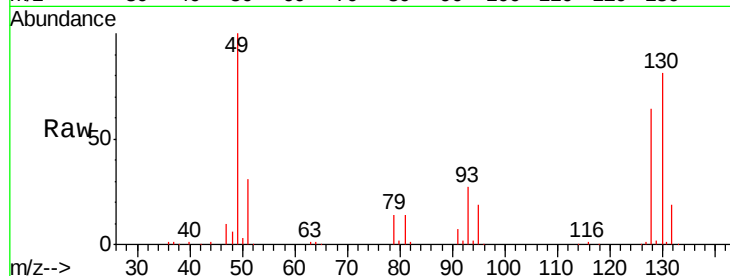




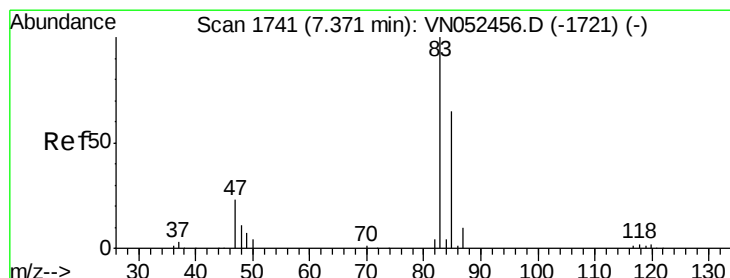
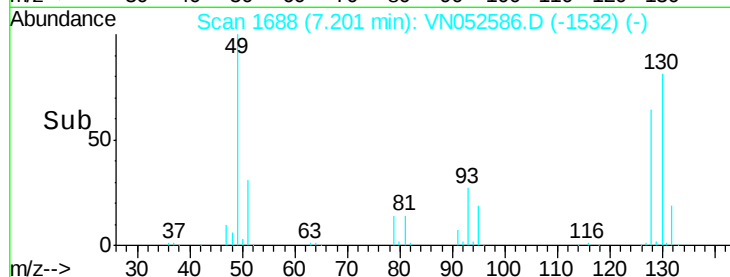
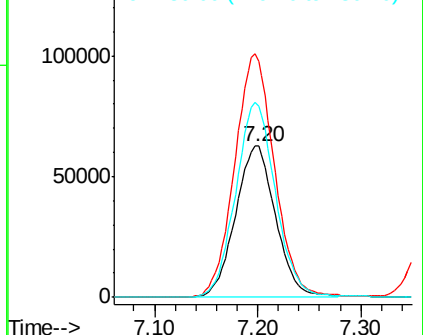
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN052586.D
Acq: 30 Nov 2018 1:30

Instrument :
MSVOA_N
ClientSampled :
14B-3

Tgt Ion:128 Resp: 169709
Ion Ratio Lower Upper
128 100
49 160.2 0.0 431.8
130 127.9 0.0 317.0

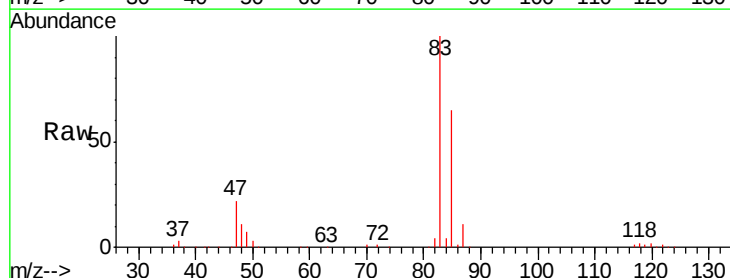


Abundance Ion 128.00 (127.70 to 128.70): VN052586.D (-1688) (-)
Ion 49.00 (48.70 to 49.70): VN052586.D (-1688) (-)
Ion 130.00 (129.70 to 130.70): VN052586.D (-1688) (-)

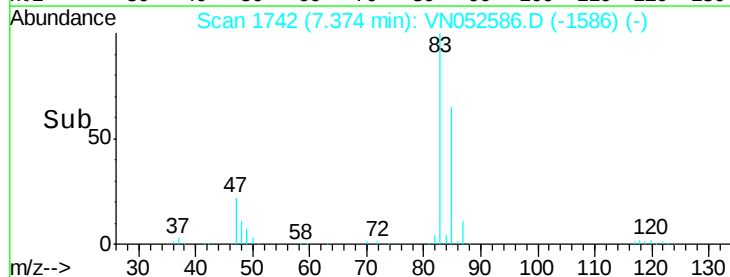
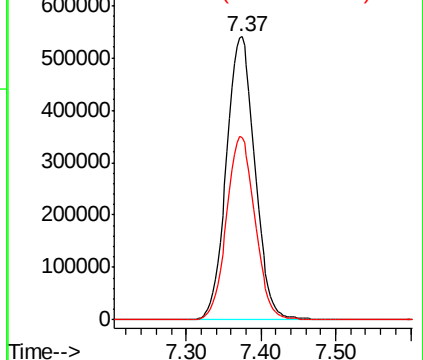


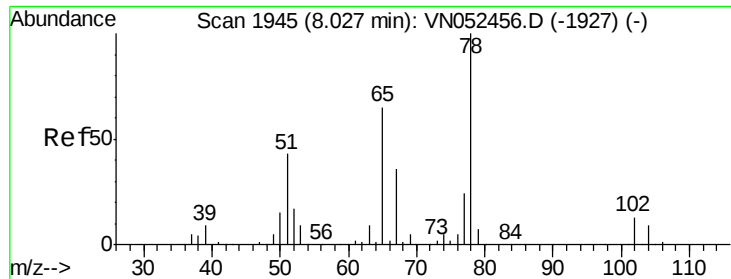
#25
Chloroform
Concen: 74.611 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052586.D
Acq: 30 Nov 2018 1:30

Tgt Ion: 83 Resp: 1430910
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN052586.D (-1742) (-)
Ion 85.00 (84.70 to 85.70): VN052586.D (-1742) (-)





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052586.D

Acq: 30 Nov 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

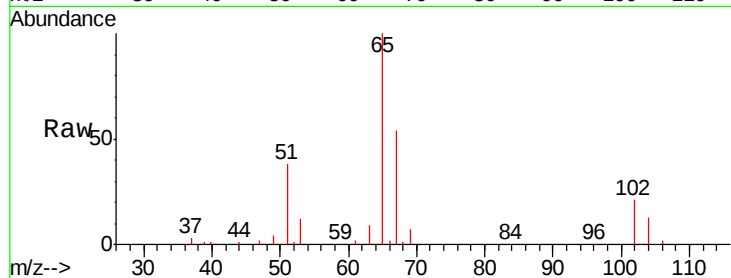
14B-3

Tgt Ion: 65 Resp: 342127

Ion Ratio Lower Upper

65 100

67 54.7 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.03

150000

100000

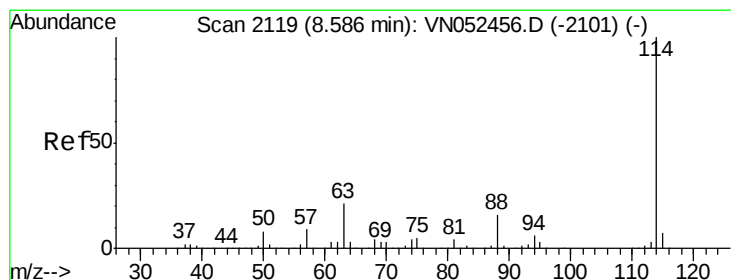
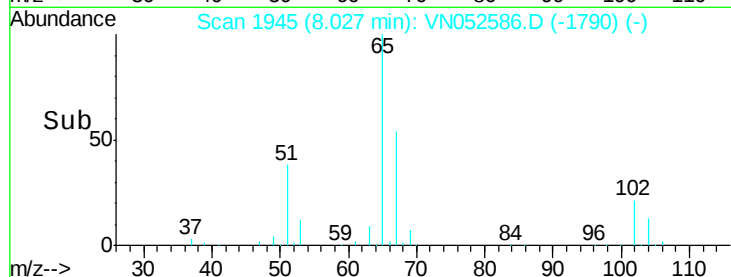
50000

0

Time--> 7.90

8.00

8.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052586.D

Acq: 30 Nov 2018 1:30

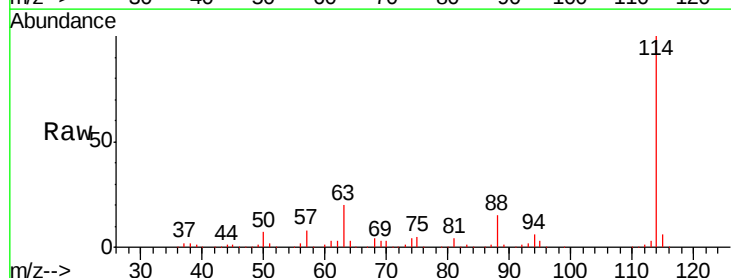
Tgt Ion: 114 Resp: 956521

Ion Ratio Lower Upper

114 100

63 20.1 16.9 25.3

88 15.3 12.8 19.2



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

600000

500000

400000

300000

200000

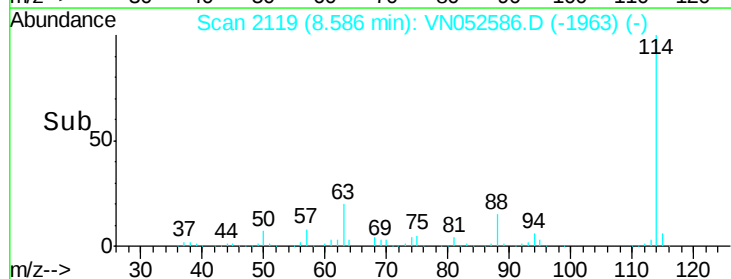
100000

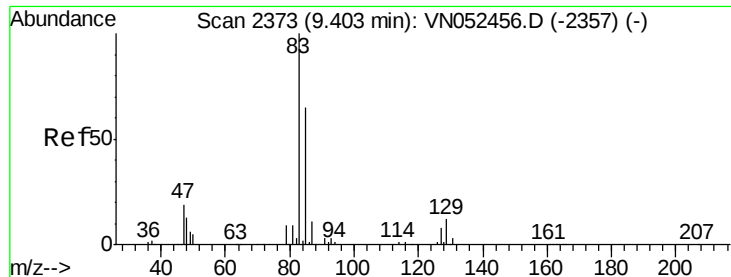
0

Time--> 8.50

8.60

8.70





#41

Bromodichloromethane

Concen: 10.124 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052586.D

Acq: 30 Nov 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

14B-3

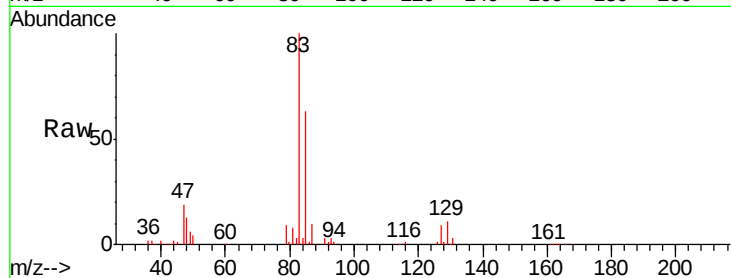
Tgt Ion: 83 Resp: 142293

Ion Ratio Lower Upper

83 100

85 62.7 52.4 78.6

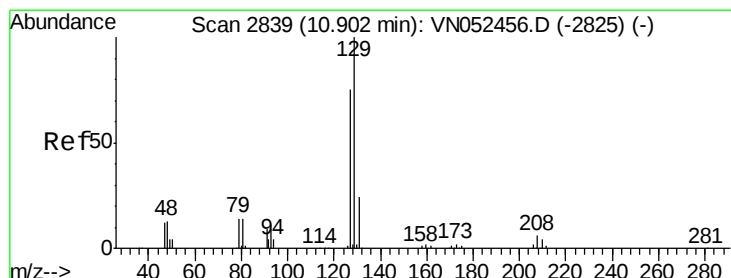
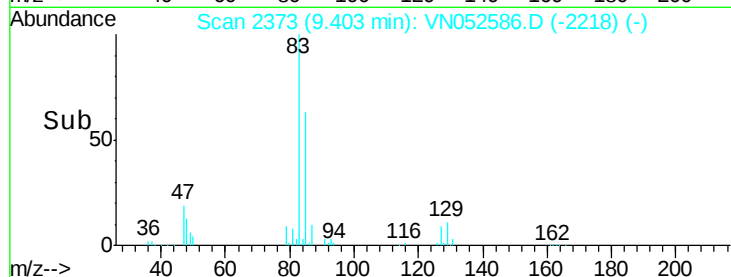
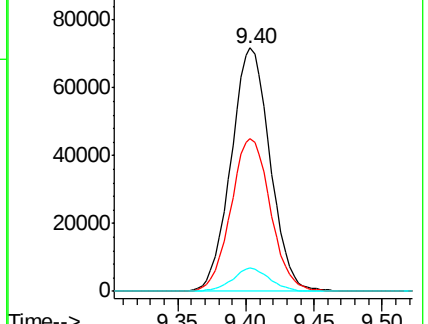
127 9.5 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052586.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN052586.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN052586.D (-2218) (-)



#53

Dibromochloromethane

Concen: 0.679 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN052586.D

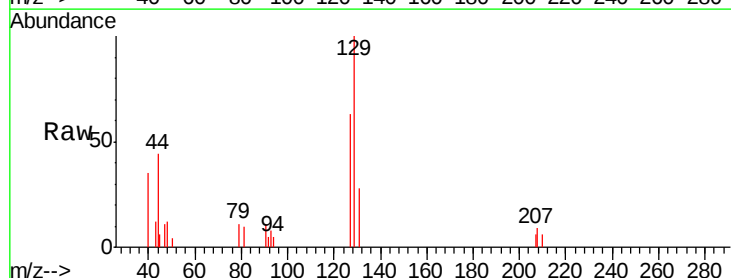
Acq: 30 Nov 2018 1:30

Tgt Ion: 129 Resp: 6740

Ion Ratio Lower Upper

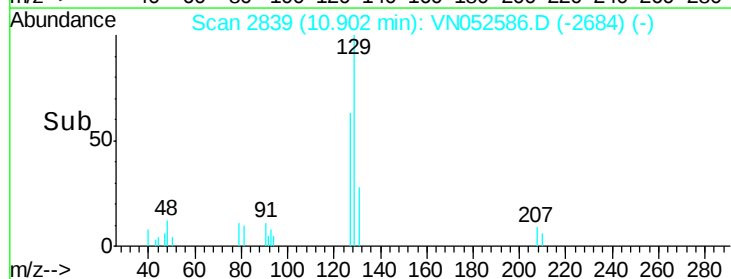
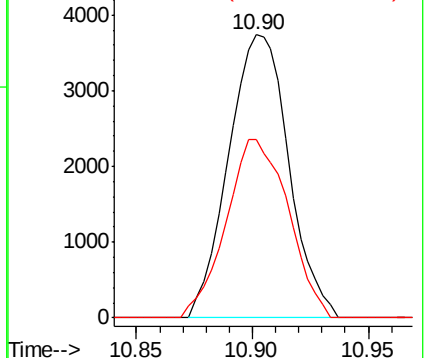
129 100

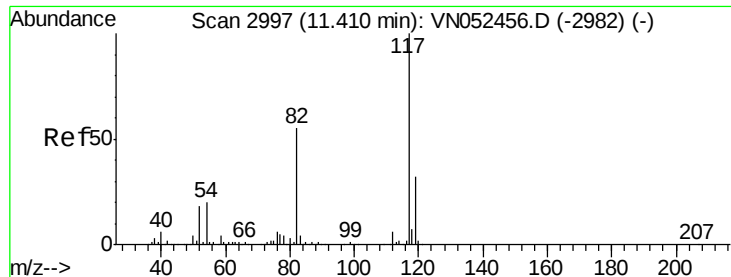
127 65.2 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052586.D (-2684) (-)

Ion 127.00 (126.70 to 127.70): VN052586.D (-2684) (-)

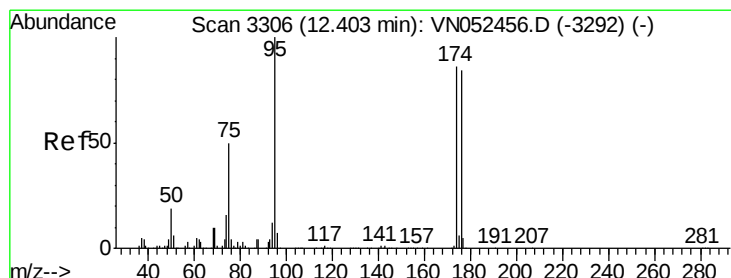
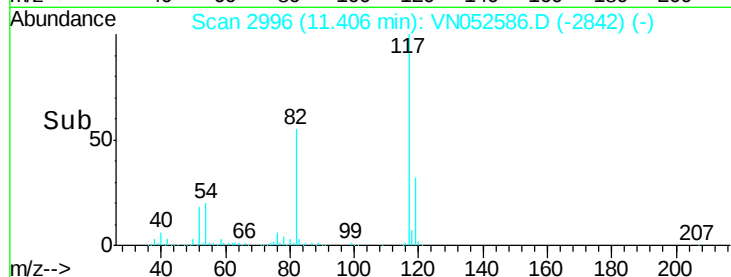
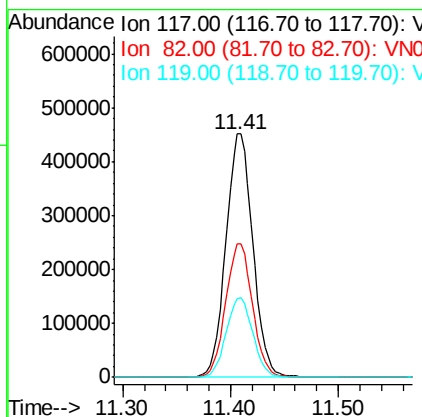
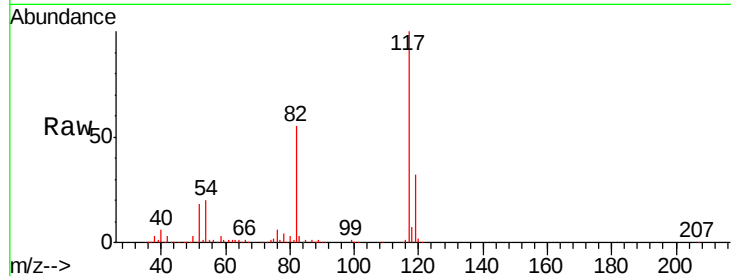




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052586.D
Acq: 30 Nov 2018 1:30

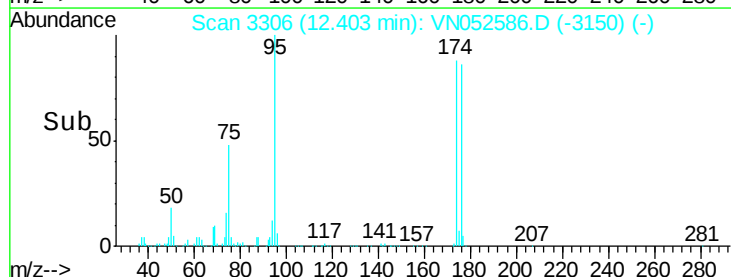
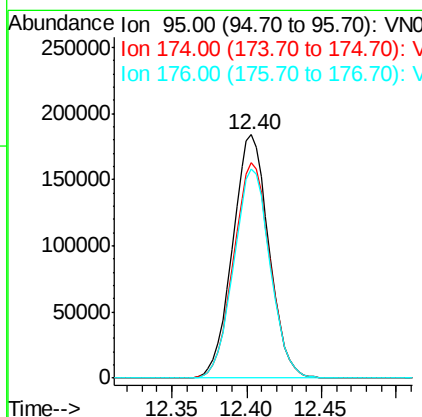
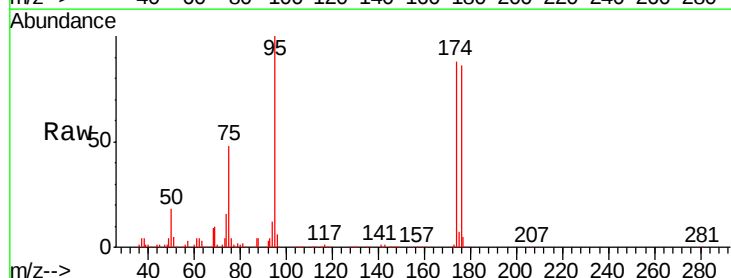
Instrument :
MSVOA_N
ClientSampled :
14B-3

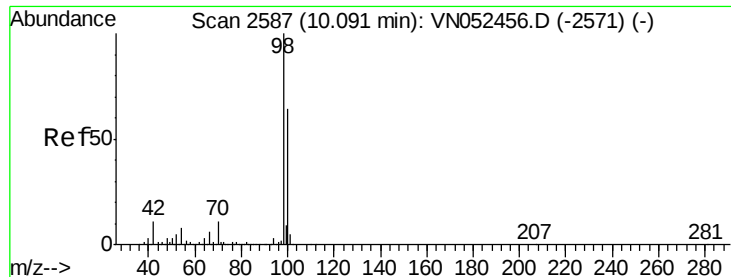
Tgt Ion: 117 Resp: 787798
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.4 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052586.D
Acq: 30 Nov 2018 1:30

Tgt Ion: 95 Resp: 310931
Ion Ratio Lower Upper
95 100
174 88.8 67.9 101.9
176 86.0 66.4 99.6





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052586.D

Acq: 30 Nov 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tgt Ion: 98 Resp: 1110489

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7

