

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052588.D
 Acq On : 30 Nov 2018 2:23
 Operator : MD\SY
 Sample : J6144-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 30 04:26:21 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	166545	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	946200	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	779632	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	343940	30.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.03%
60) 4-Bromofluorobenzene	12.40	95	308489	25.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.27%
63) Toluene-d8	10.09	98	1097373	30.36	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.20%

Target Compounds

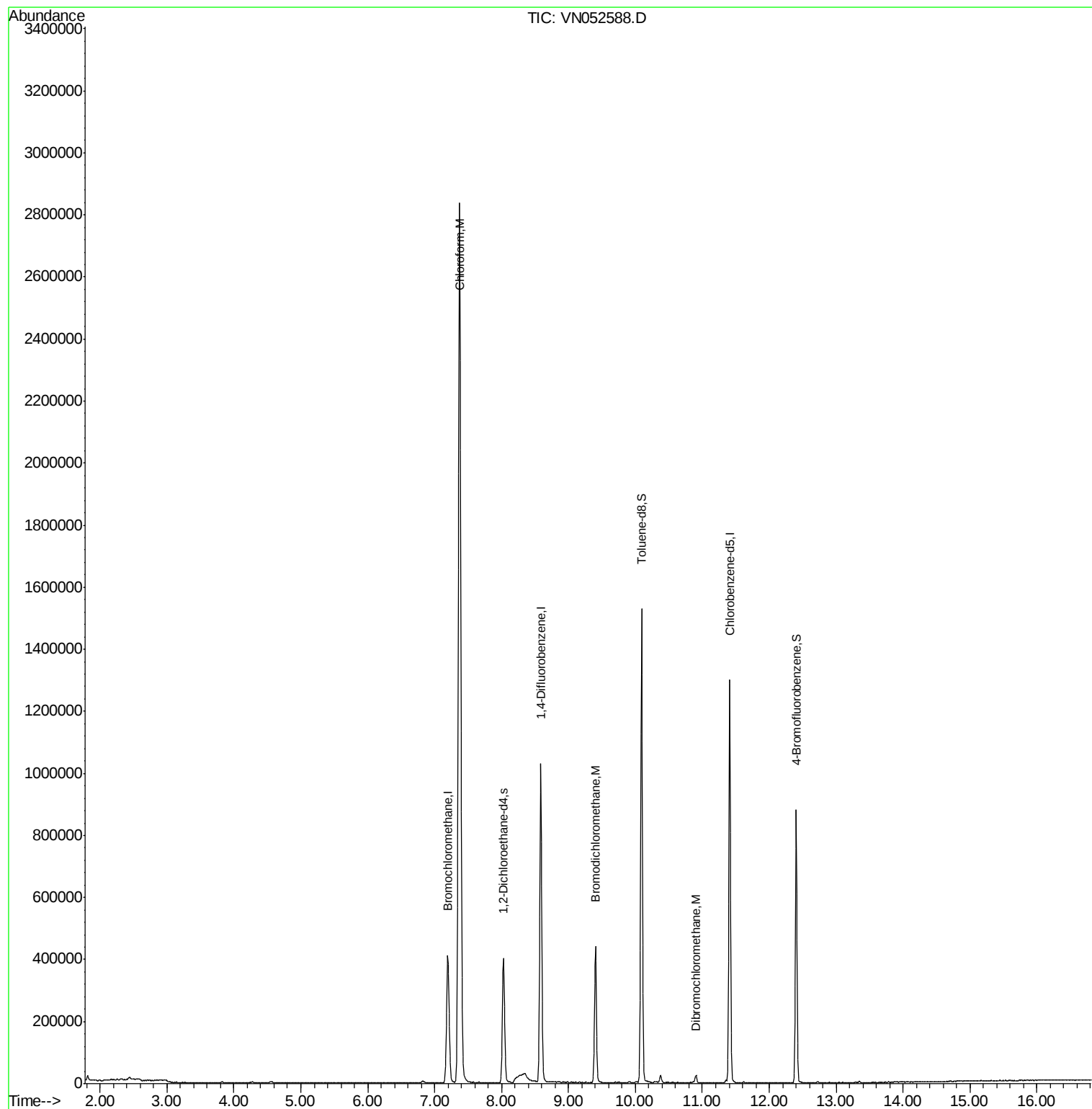
					Qvalue
25) Chloroform	7.37	83	3085369	163.935	ug/l 99
41) Bromodichloromethane	9.40	83	306372	22.036	ug/l 98
53) Dibromochloromethane	10.90	129	14050	1.431	ug/l 97

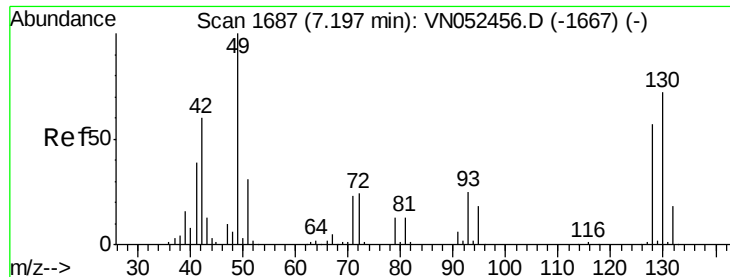
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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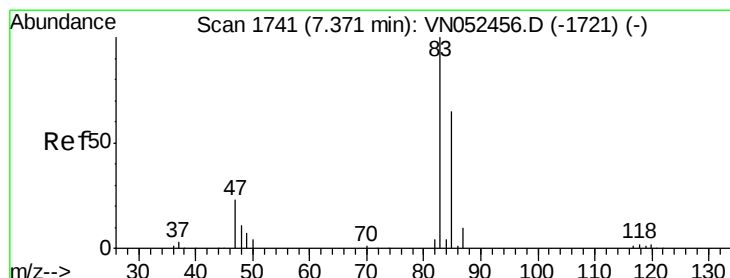
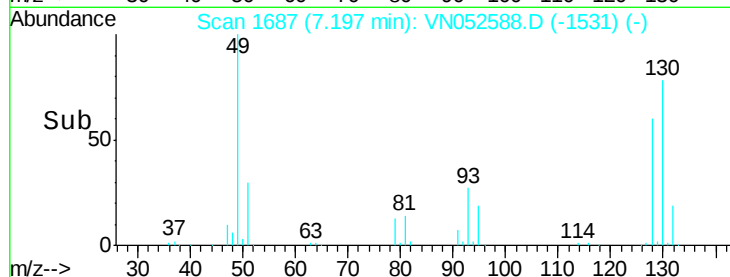
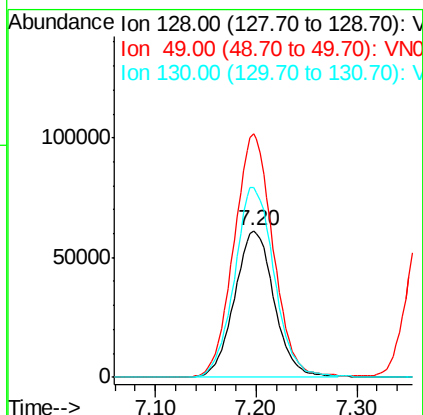
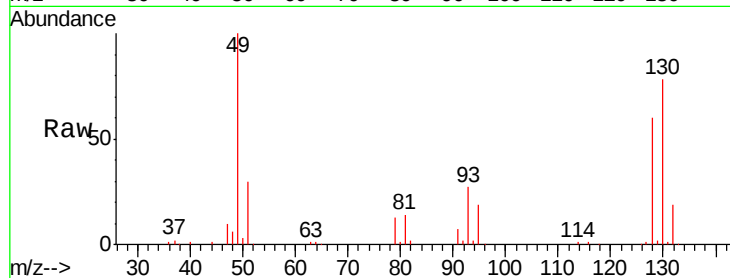




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052588.D
 Acq: 30 Nov 2018 2:23

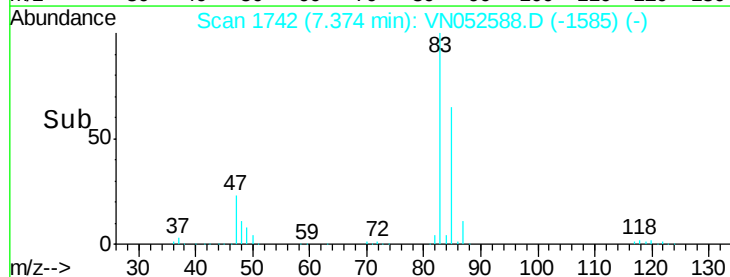
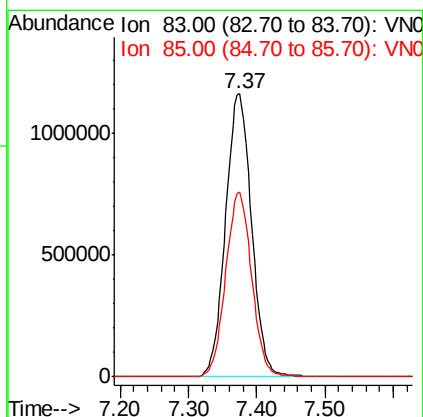
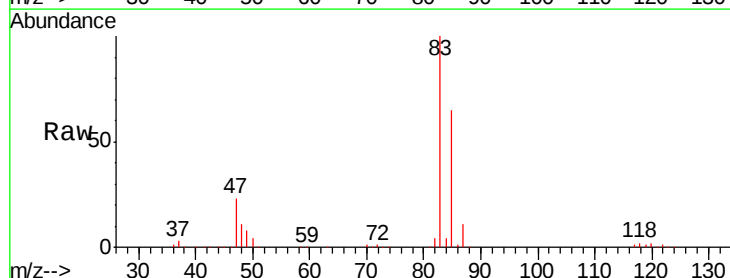
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

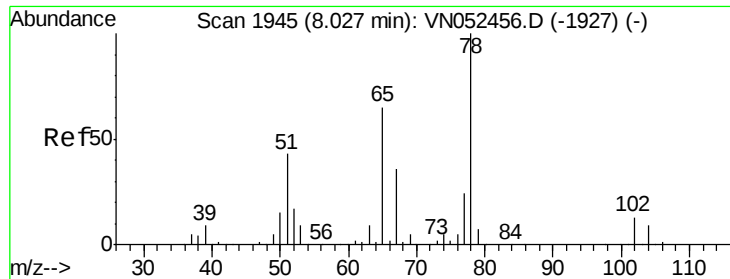
Tgt Ion: 128 Resp: 166545
 Ion Ratio Lower Upper
 128 100
 49 163.5 0.0 431.8
 130 130.7 0.0 317.0



#25
 Chloroform
 Concen: 163.935 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VN052588.D
 Acq: 30 Nov 2018 2:23

Tgt Ion: 83 Resp: 3085369
 Ion Ratio Lower Upper
 83 100
 85 65.4 51.7 77.5





#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052588.D

Acq: 30 Nov 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

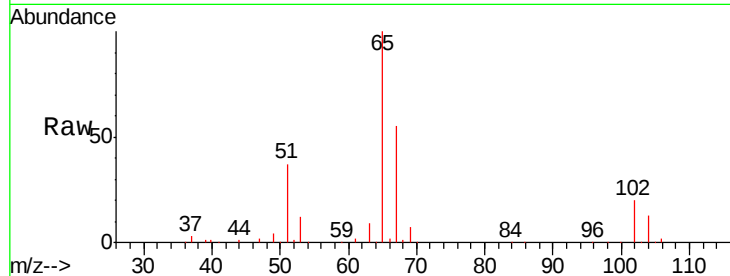
14B-4

Tgt Ion: 65 Resp: 343940

Ion Ratio Lower Upper

65 100

67 54.2 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

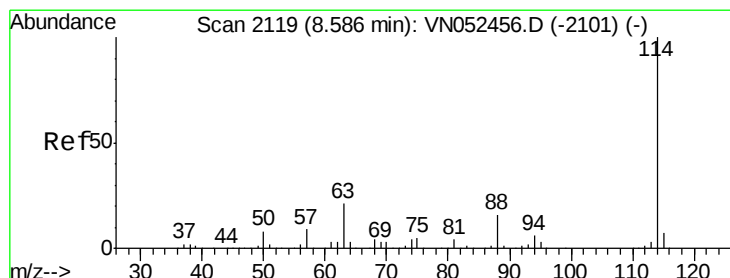
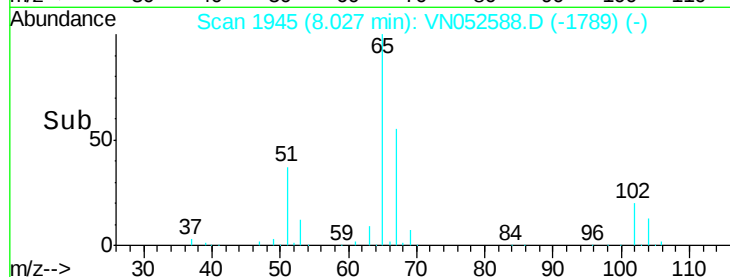
150000

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: VN052588.D

Acq: 30 Nov 2018 2:23

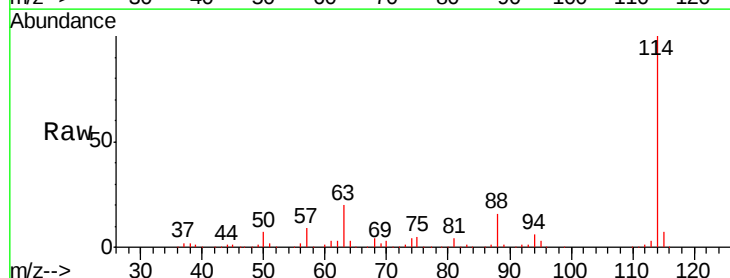
Tgt Ion: 114 Resp: 946200

Ion Ratio Lower Upper

114 100

63 19.9 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

8.59

600000

500000

400000

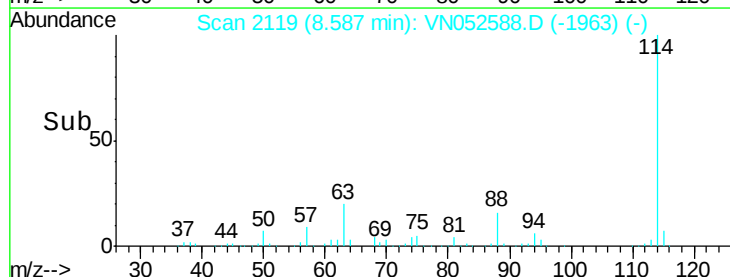
300000

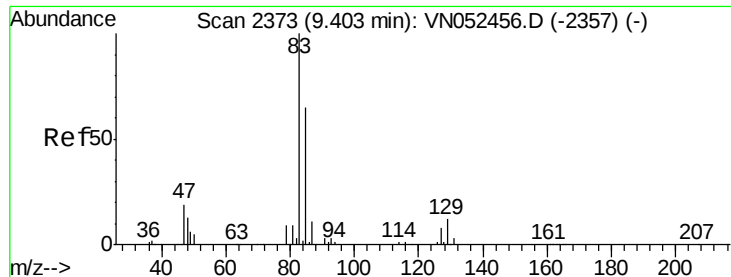
200000

100000

0

Time--> 8.50 8.55 8.60 8.65





#41

Bromodichloromethane

Concen: 22.036 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052588.D

Acq: 30 Nov 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

14B-4

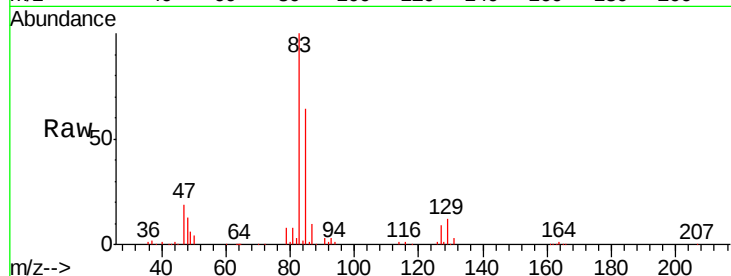
Tgt Ion: 83 Resp: 306372

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6

127 8.8 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): V

9.40

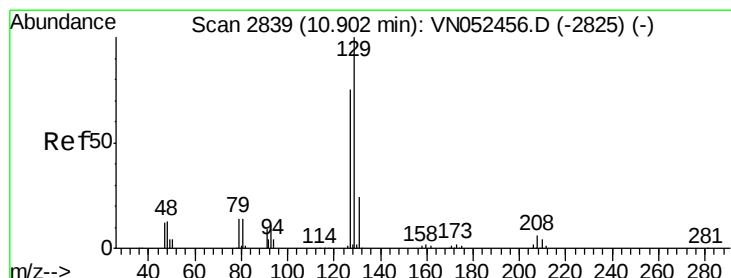
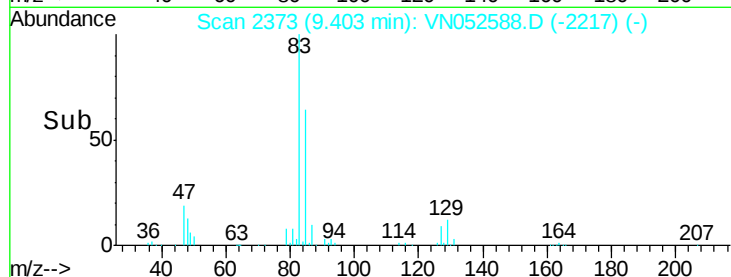
150000

100000

50000

0

Time--> 9.30 9.35 9.40 9.45 9.50



#53

Dibromochloromethane

Concen: 1.431 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052588.D

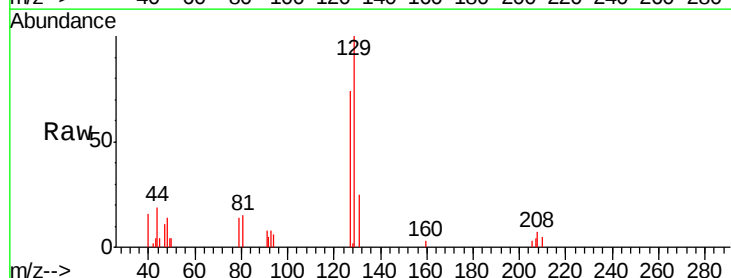
Acq: 30 Nov 2018 2:23

Tgt Ion: 129 Resp: 14050

Ion Ratio Lower Upper

129 100

127 78.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

8000

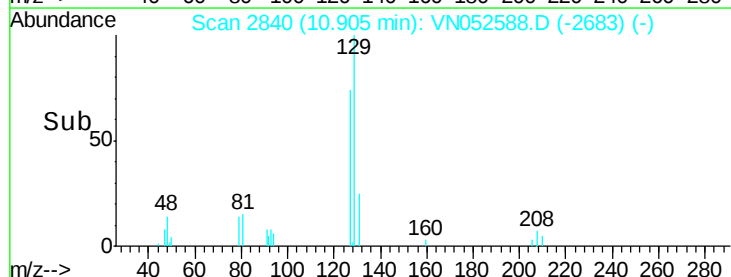
6000

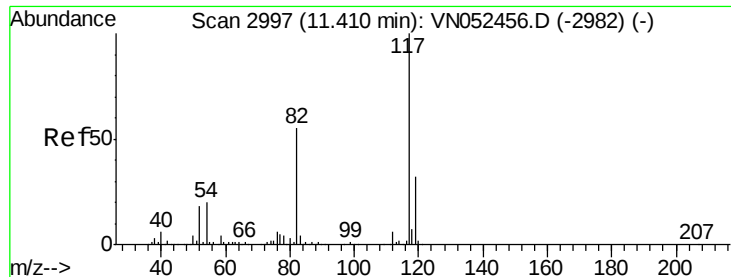
4000

2000

0

Time--> 10.85 10.90 10.95

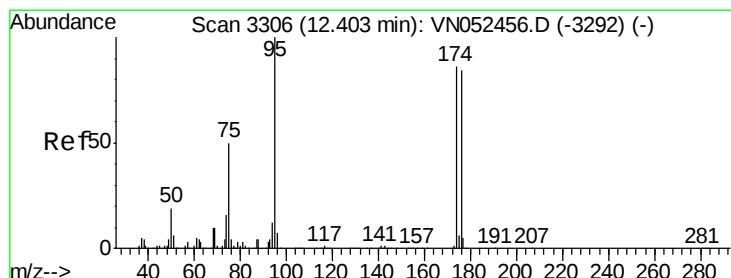
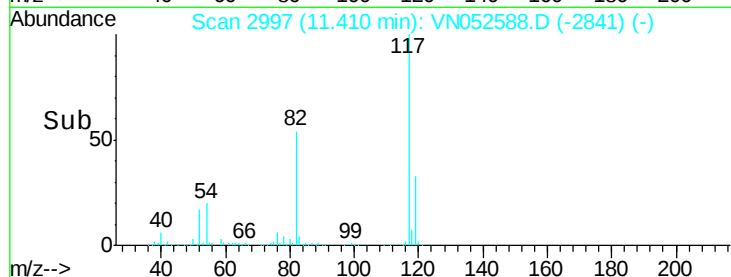
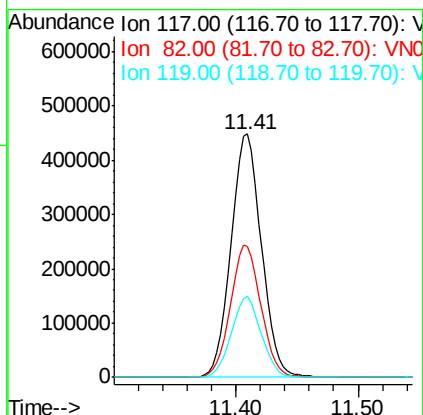
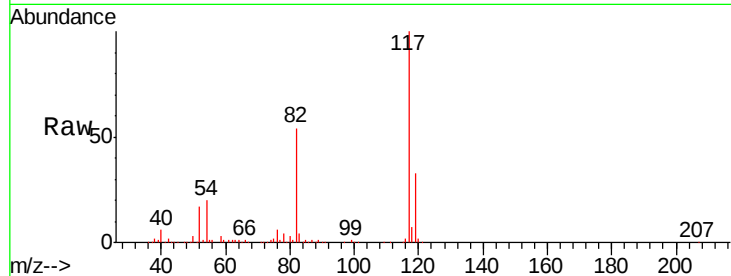




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052588.D
Acq: 30 Nov 2018 2:23

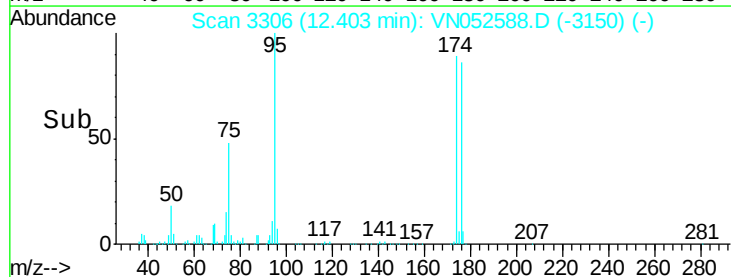
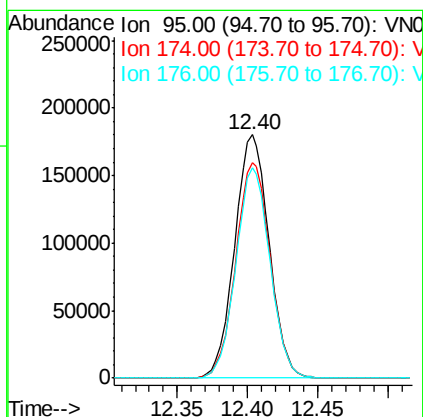
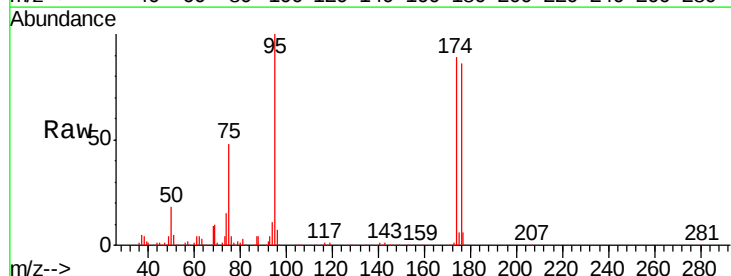
Instrument :
MSVOA_N
ClientSampled :
14B-4

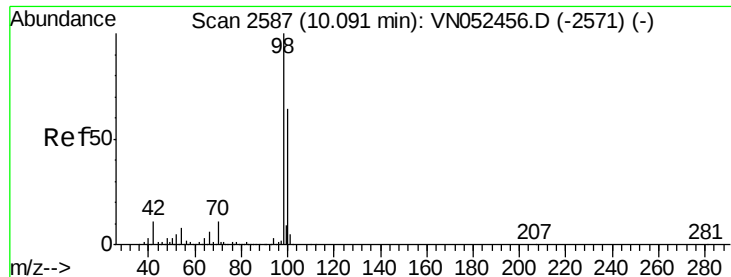
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	32.7	25.4	38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052588.D
Acq: 30 Nov 2018 2:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.6	67.9	101.9
176	85.3	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: VN052588.D

Acq: 30 Nov 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tgt Ion: 98 Resp: 1097373

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

