

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052548.D
 Acq On : 29 Nov 2018 4:46
 Operator : MD\SY
 Sample : J6120-04 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 29 07:30:53 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	175433	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1003765	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	833330	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	361942	30.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.93%
60) 4-Bromofluorobenzene	12.40	95	328339	25.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.90%
63) Toluene-d8	10.09	98	1165326	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

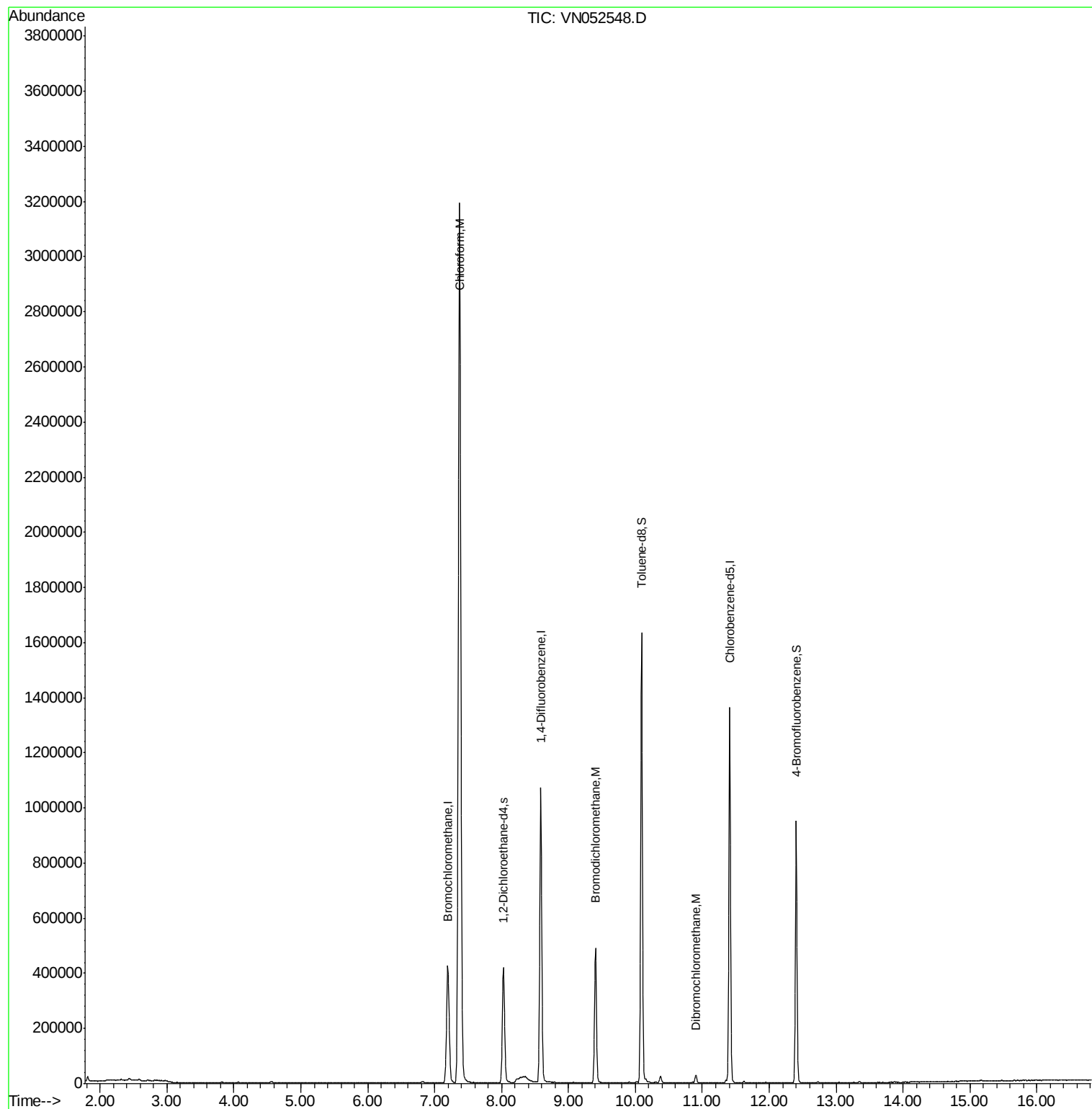
					Ovalue
25) Chloroform	7.37	83	3458423	174.447	ug/l 100
41) Bromodichloromethane	9.40	83	351692	23.845	ug/l 97
53) Dibromochloromethane	10.90	129	15692	1.506	ug/l 94

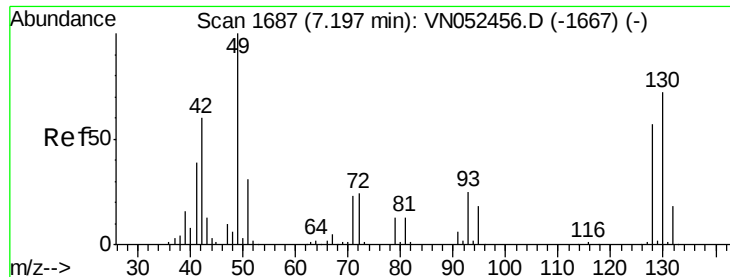
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 27 00:48:33 2018
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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: VN052548.D

Acq: 29 Nov 2018 4:46

Instrument :
MSVOA_N
ClientSampled :
14B-4

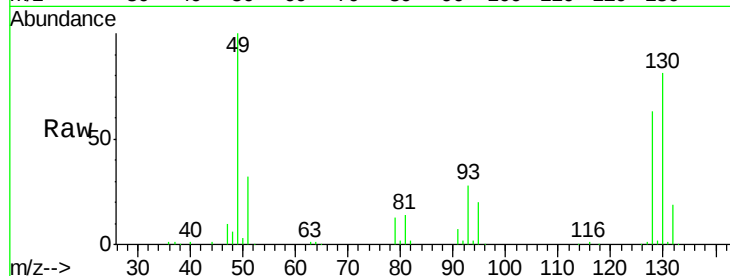
Tot Ion:128 Resp: 175433

Ion Ratio Lower Upper

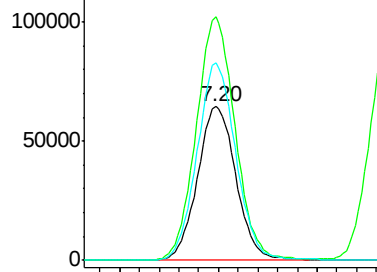
128 100

49 159.6 0.0 431.8

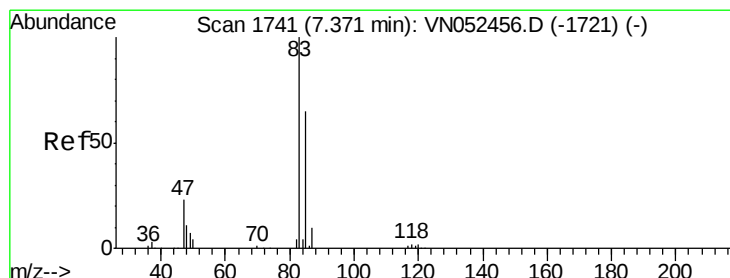
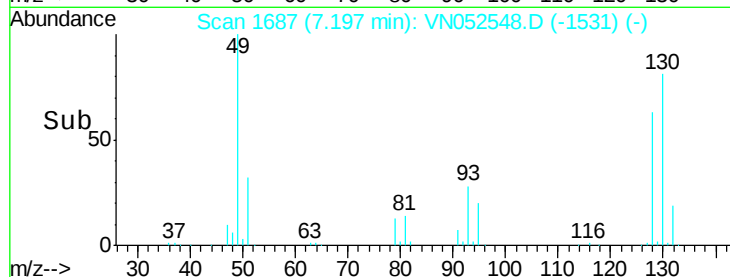
130 128.7 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



Time-->



#25

Chloroform

Concen: 174.447 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052548.D

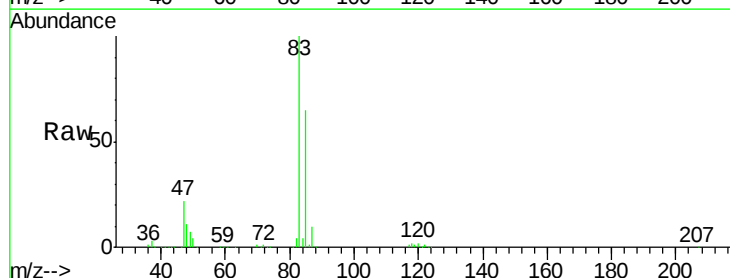
Acq: 29 Nov 2018 4:46

Tgt Ion: 83 Resp: 3458423

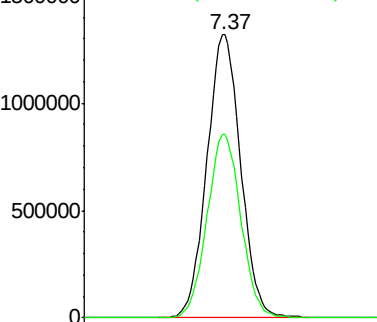
Ion Ratio Lower Upper

83 100

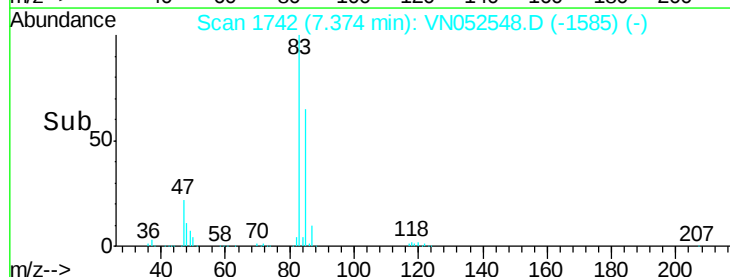
85 64.9 51.7 77.5

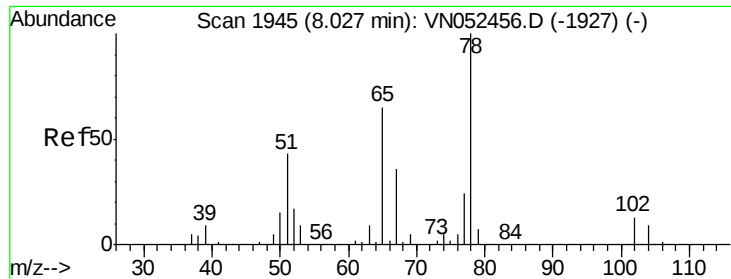


Abundance Ion 83.00 (82.70 to 83.70): V
Ion 85.00 (84.70 to 85.70): V



Time-->

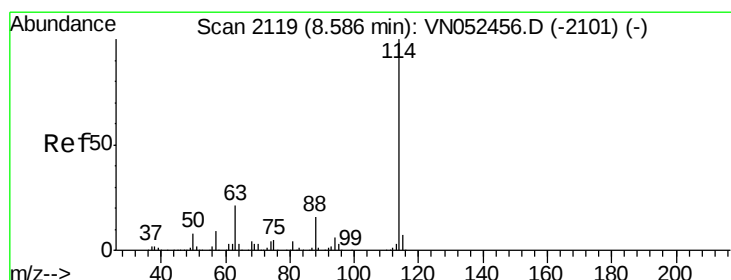
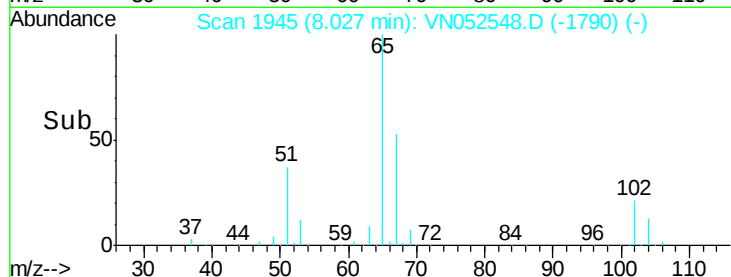
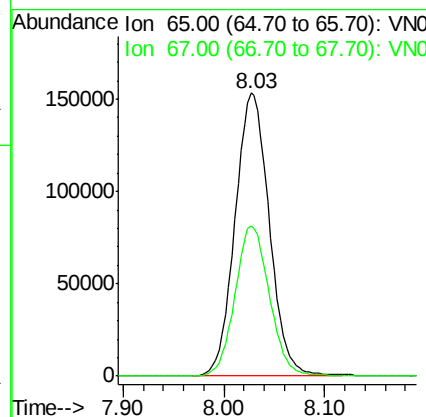
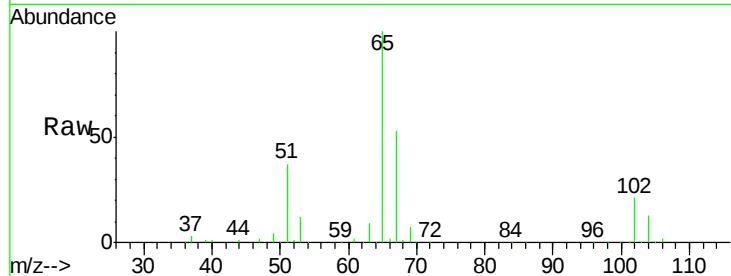




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052548.D
 Acq: 29 Nov 2018 4:46

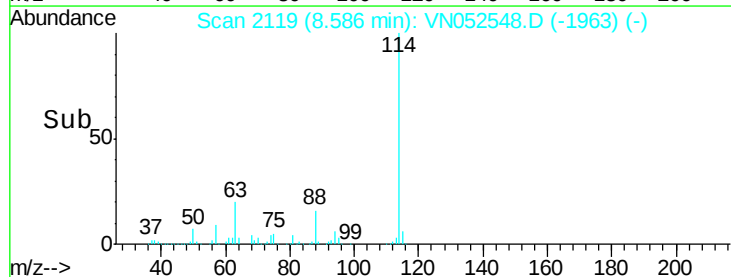
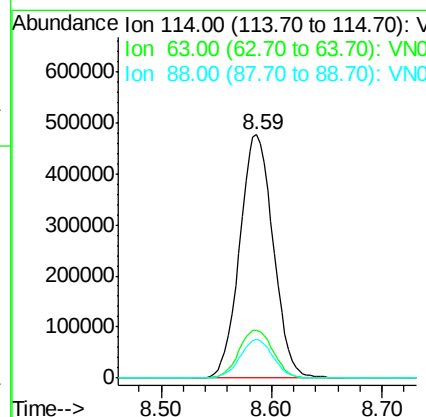
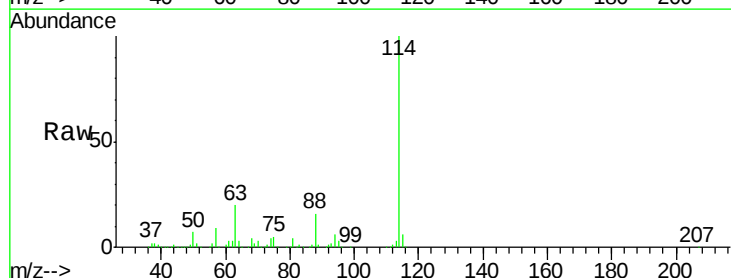
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

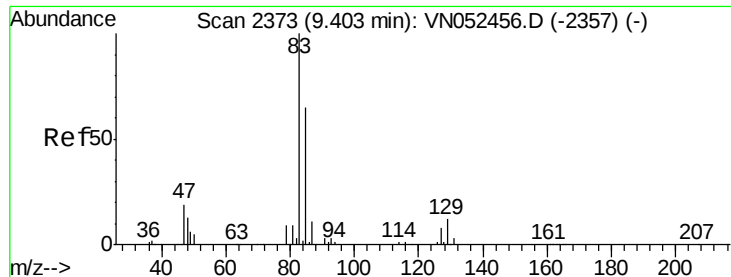
Tot Ion: 65 Resp: 361942
 Ion Ratio Lower Upper
 65 100
 67 53.3 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052548.D
 Acq: 29 Nov 2018 4:46

Tgt Ion: 114 Resp: 1003765
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.6 12.8 19.2





#41

Bromodichloromethane

Concen: 23.845 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052548.D

Acq: 29 Nov 2018 4:46

Instrument :

MSVOA_N

ClientSampled :

14B-4

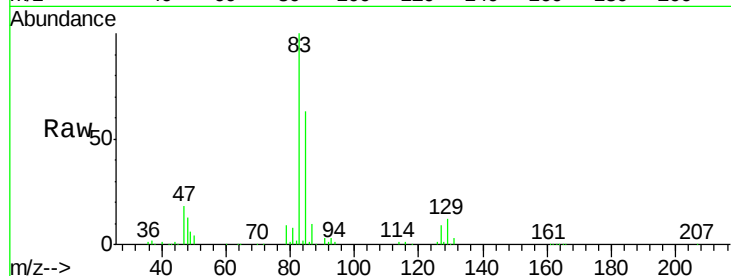
Tot Ion: 83 Resp: 351692

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

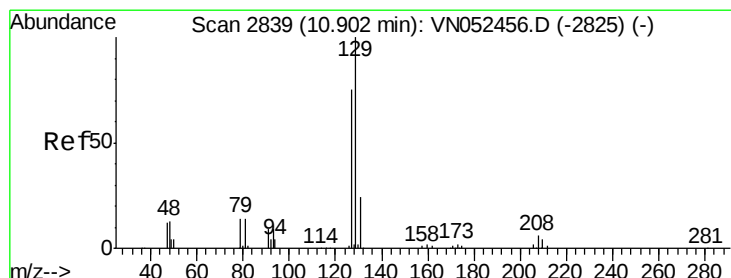
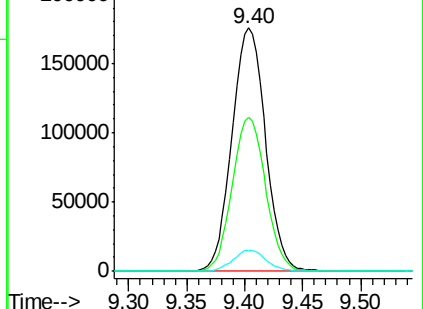
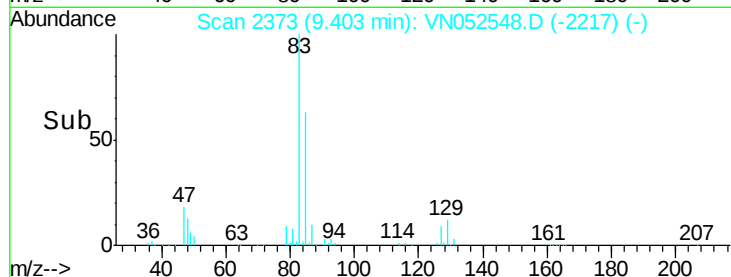
127 8.7 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052548.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN052548.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN052548.D (-2217) (-)



#53

Dibromochloromethane

Concen: 1.506 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052548.D

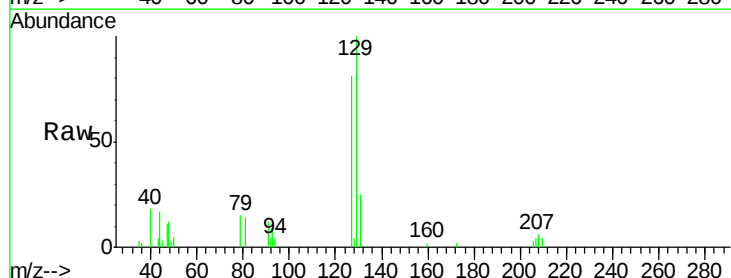
Acq: 29 Nov 2018 4:46

Tgt Ion: 129 Resp: 15692

Ion Ratio Lower Upper

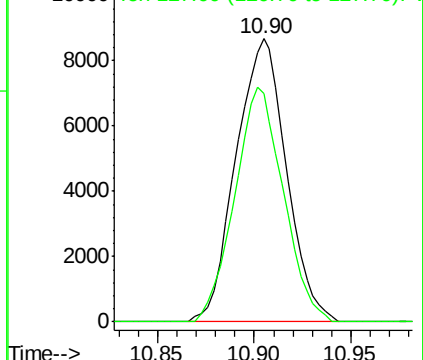
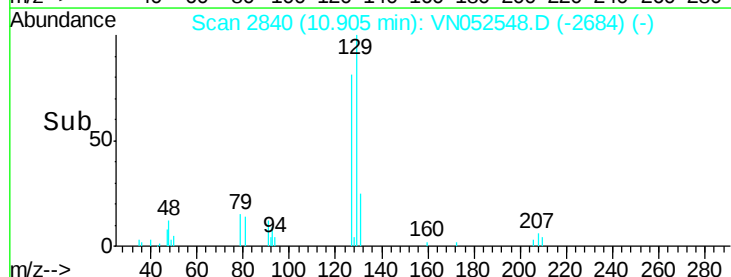
129 100

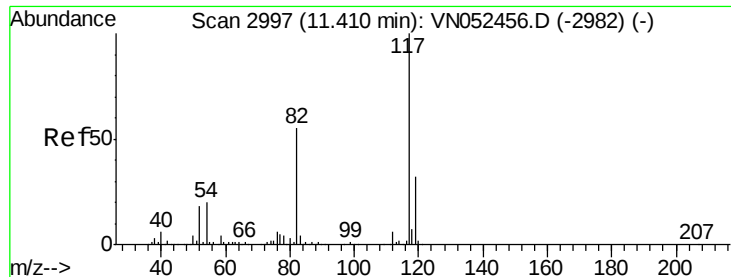
127 80.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052548.D (-2684) (-)

Ion 127.00 (126.70 to 127.70): VN052548.D (-2684) (-)

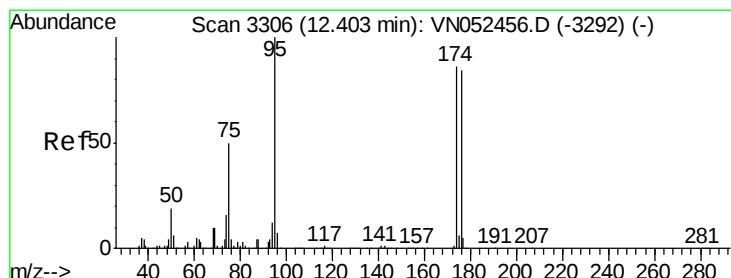
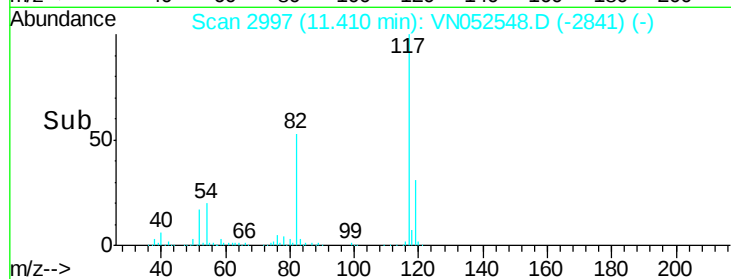
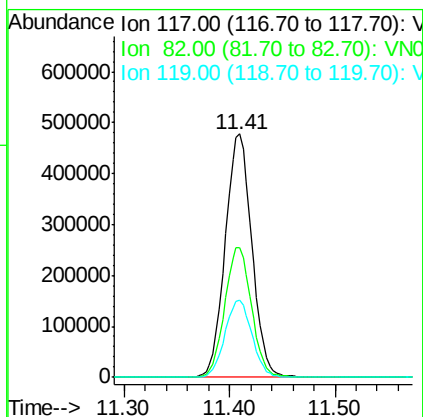
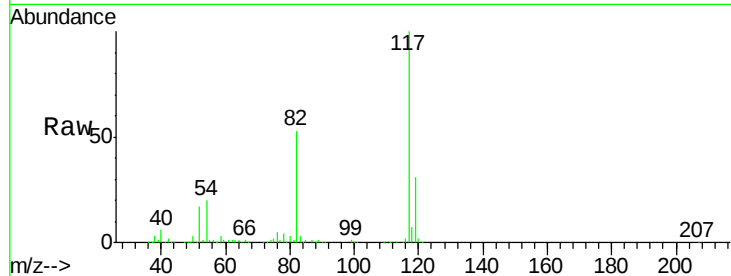




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052548.D
Acq: 29 Nov 2018 4:46

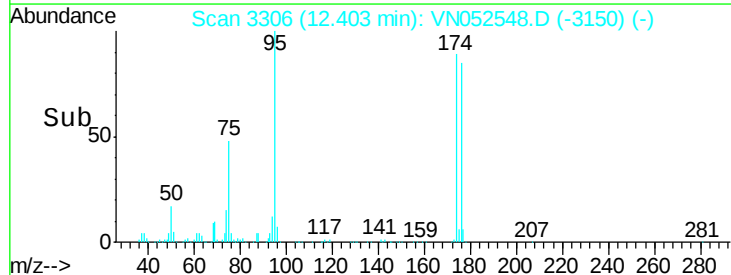
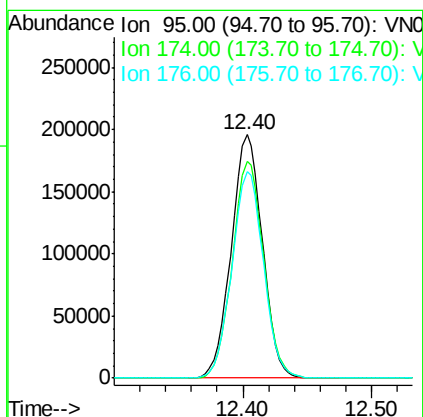
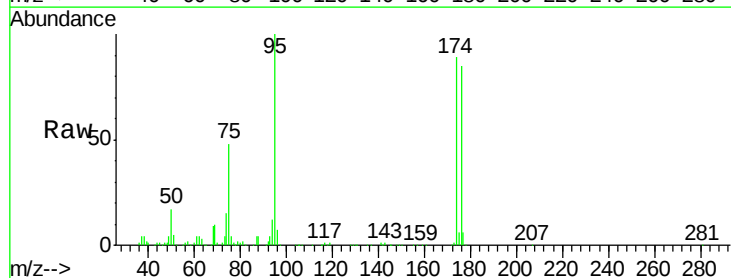
Instrument :
MSVOA_N
ClientSampled :
14B-4

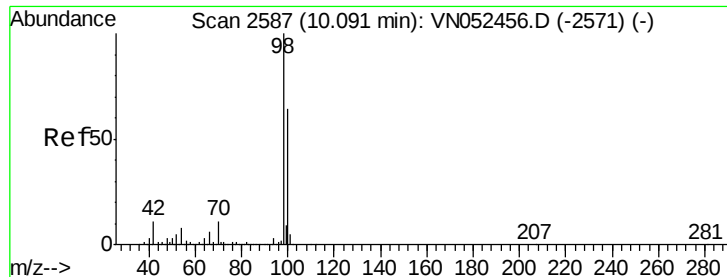
Tot Ion:117 Resp: 833330
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052548.D
Acq: 29 Nov 2018 4:46

Tgt Ion: 95 Resp: 328339
Ion Ratio Lower Upper
95 100
174 89.6 67.9 101.9
176 85.8 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: VN052548.D

Acq: 29 Nov 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tot Ion: 98 Resp: 1165326

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

