

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052503.D
 Acq On : 28 Nov 2018 2:58
 Operator : MD\SY
 Sample : J6086-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 28 07:39:21 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	166986	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	947138	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	793158	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	343853	30.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.73%
60) 4-Bromofluorobenzene	12.40	95	312987	25.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.03%
63) Toluene-d8	10.09	98	1104269	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

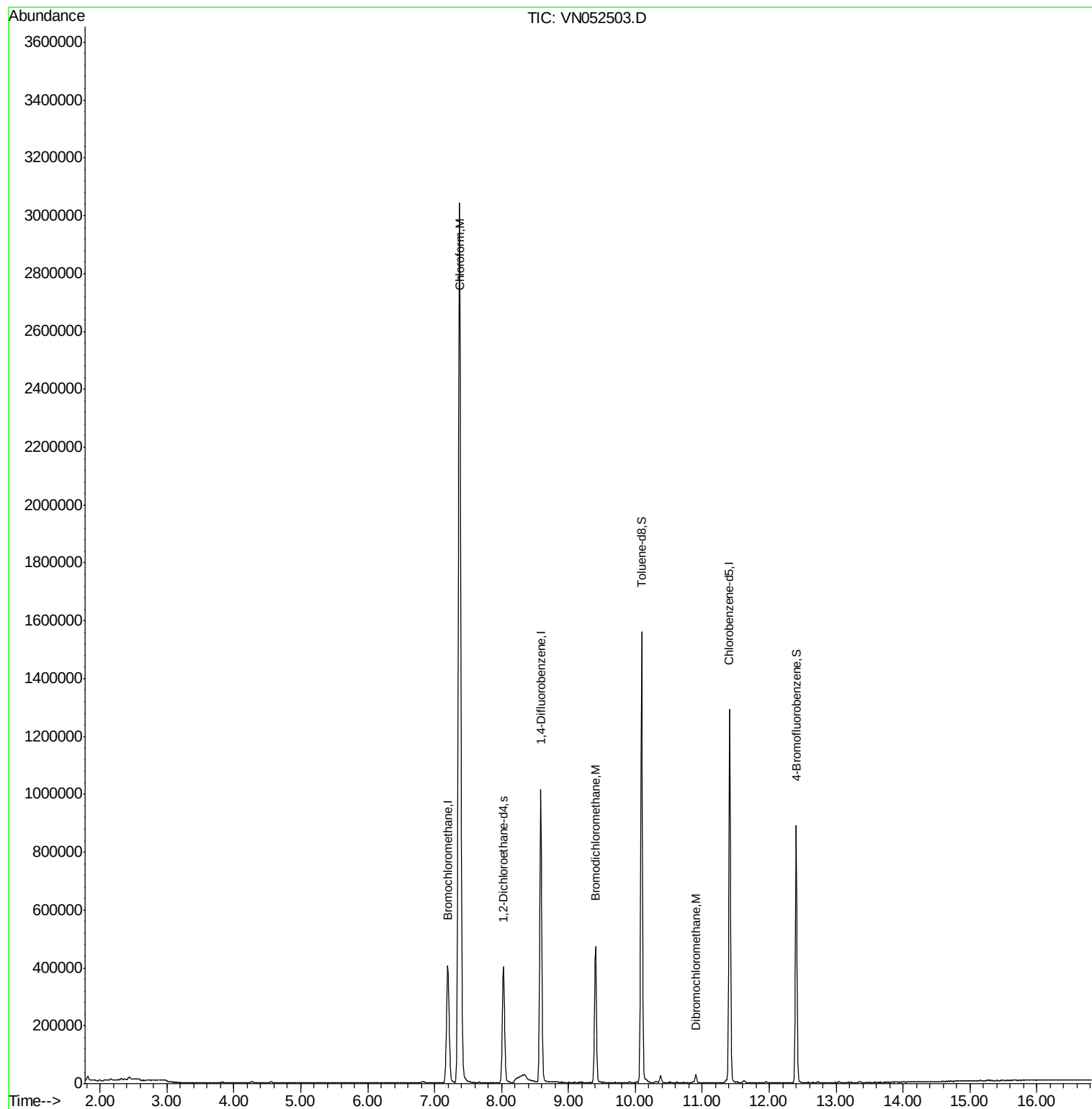
						Qvalue
25) Chloroform	7.37	83	3310051	175.41	ug/l	100
41) Bromodichloromethane	9.40	83	334973	24.07	ug/l	98
53) Dibromochloromethane	10.90	129	15684	1.60	ug/l	97

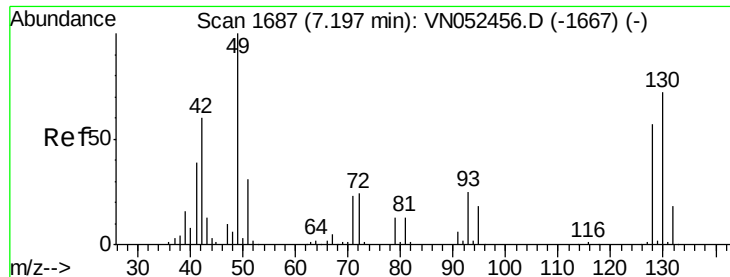
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Data File : VN052503.D
Acq On : 28 Nov 2018 2:58
Operator : MD\SY
Sample : J6086-04 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Quant Time: Nov 28 07:39:21 2018
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052503.D

Acq: 28 Nov 2018 2:58

Instrument :

MSVOA_N

ClientSampled :

14B-4

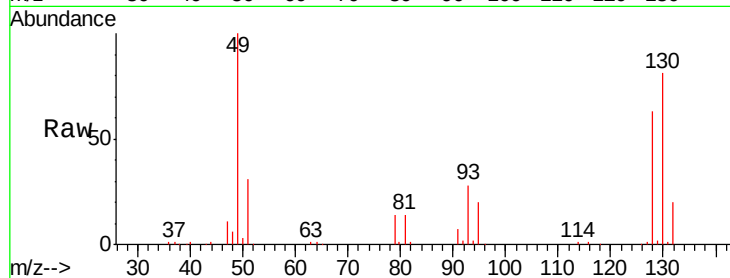
Tgt Ion:128 Resp: 166986

Ion Ratio Lower Upper

128 100

49 163.4 0.0 431.8

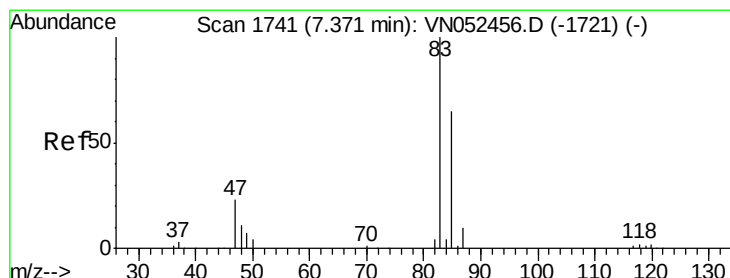
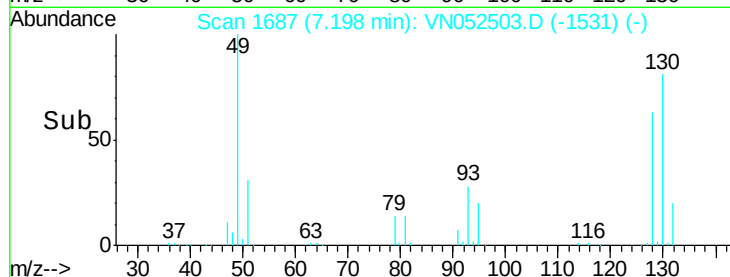
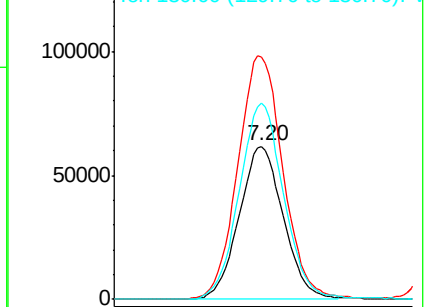
130 129.8 0.0 317.0



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



#25

Chloroform

Concen: 175.41 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052503.D

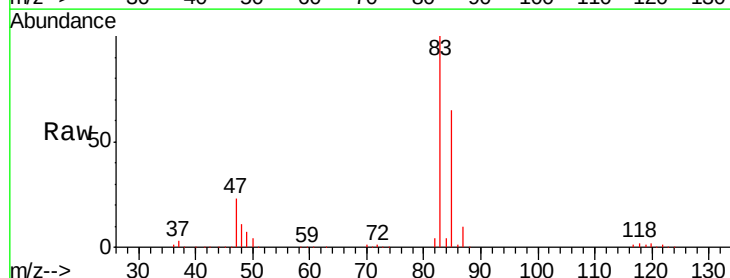
Acq: 28 Nov 2018 2:58

Tgt Ion: 83 Resp: 3310051

Ion Ratio Lower Upper

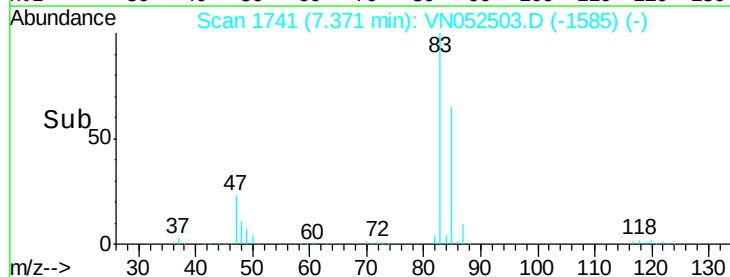
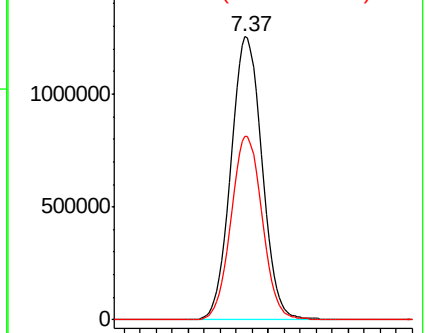
83 100

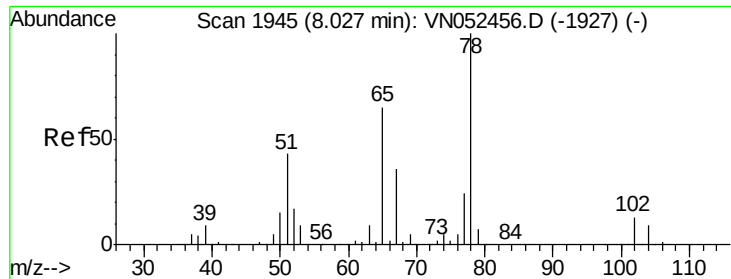
85 64.8 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

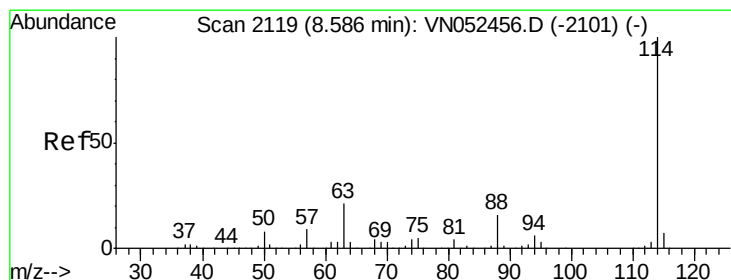
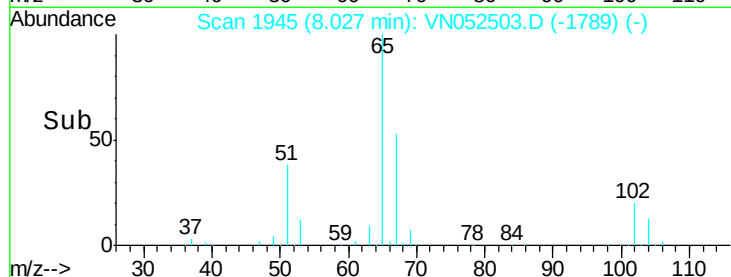
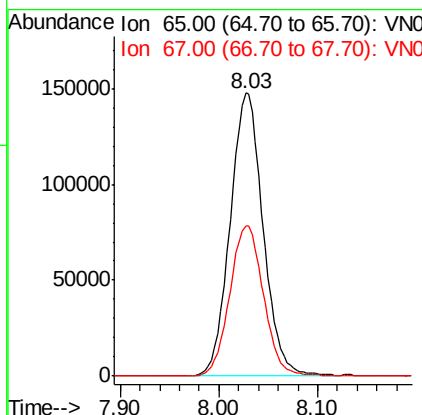
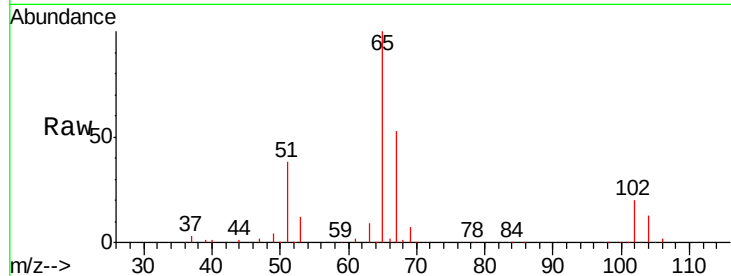




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052503.D
 Acq: 28 Nov 2018 2:58

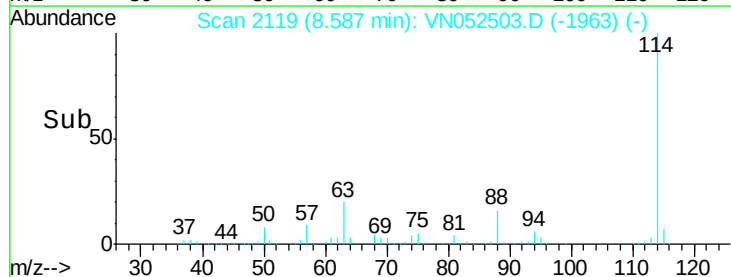
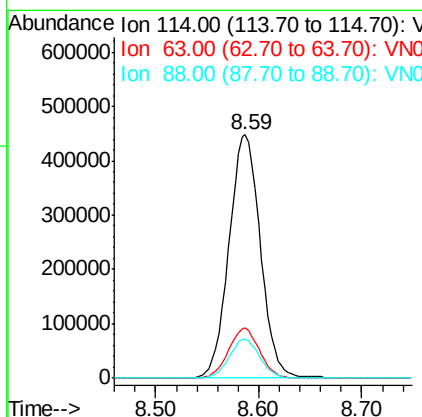
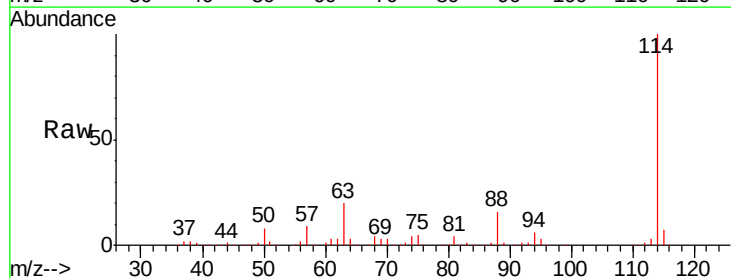
Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

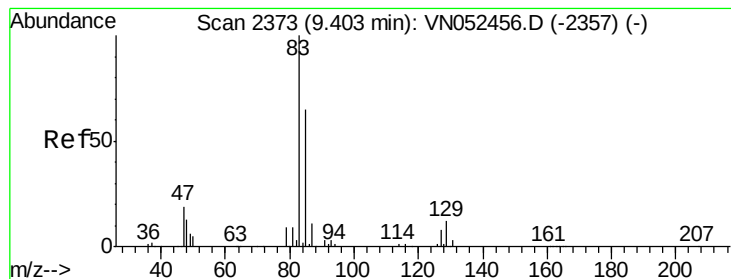
Tgt Ion: 65 Resp: 343853
 Ion Ratio Lower Upper
 65 100
 67 54.3 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052503.D
 Acq: 28 Nov 2018 2:58

Tgt Ion: 114 Resp: 947138
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.7 12.8 19.2





#41

Bromodichloromethane

Concen: 24.07 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052503.D

Acq: 28 Nov 2018 2:58

Instrument :

MSVOA_N

ClientSampleId :

14B-4

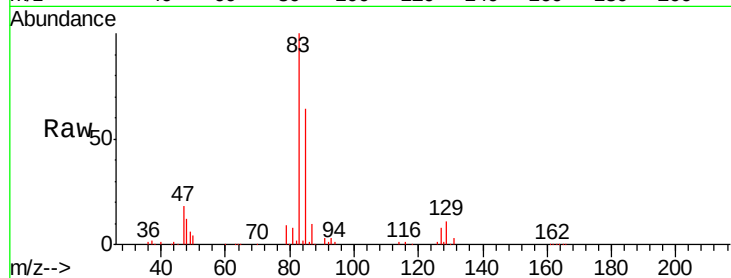
Tgt Ion: 83 Resp: 334973

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6

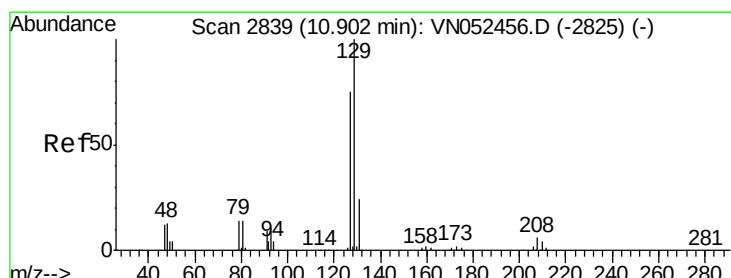
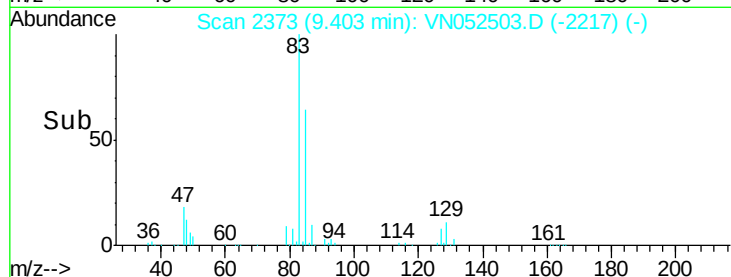
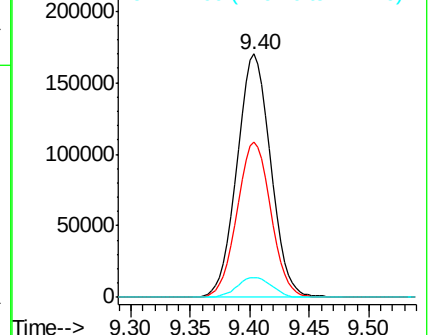
127 8.3 6.6 9.8



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): VN0



#53

Dibromochloromethane

Concen: 1.60 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052503.D

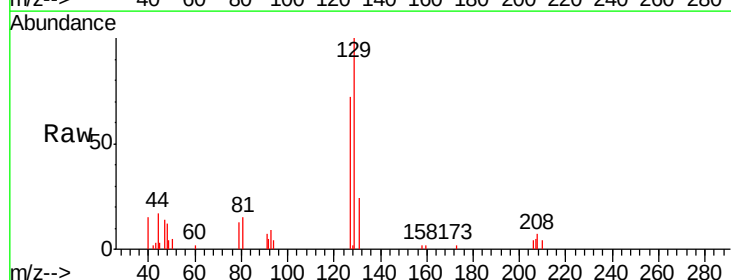
Acq: 28 Nov 2018 2:58

Tgt Ion: 129 Resp: 15684

Ion Ratio Lower Upper

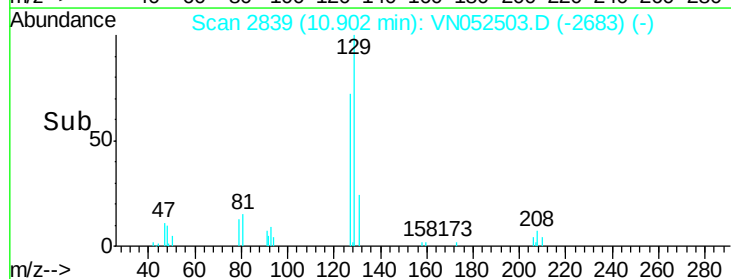
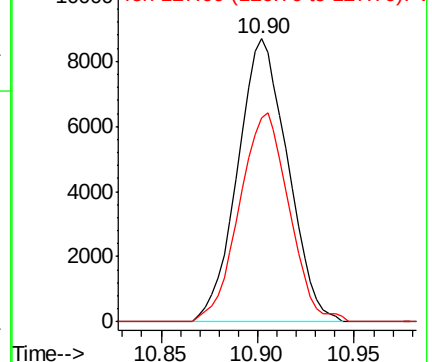
129 100

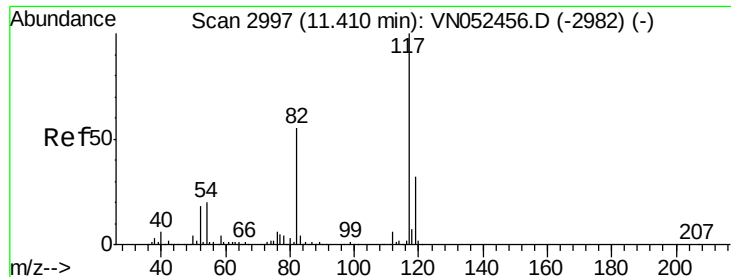
127 72.6 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN0

Ion 127.00 (126.70 to 127.70): VN0

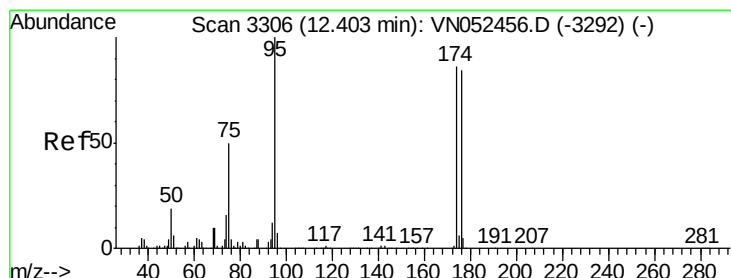
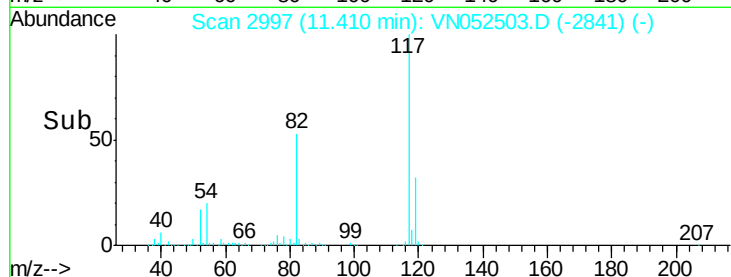
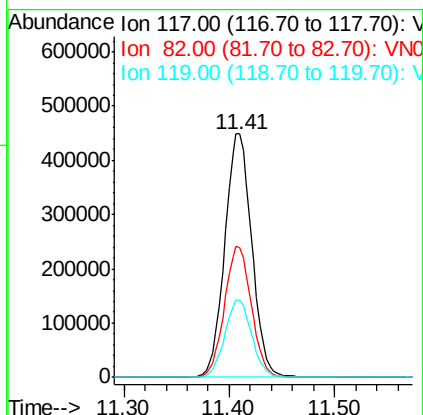
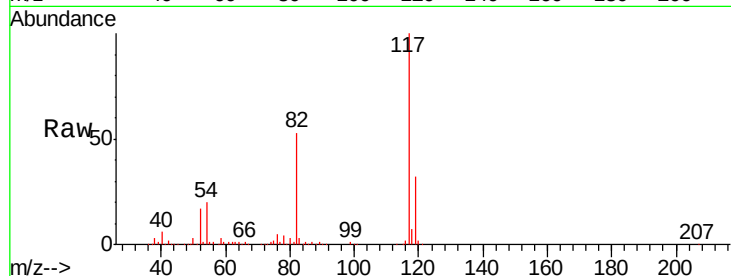




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052503.D
Acq: 28 Nov 2018 2:58

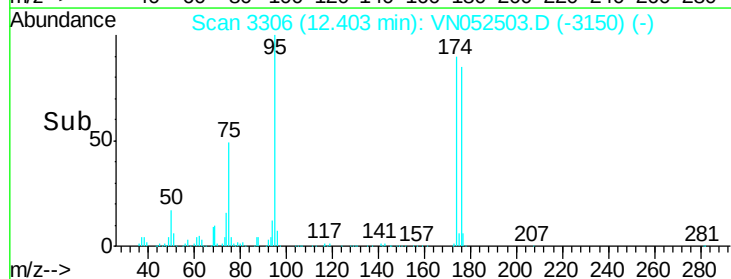
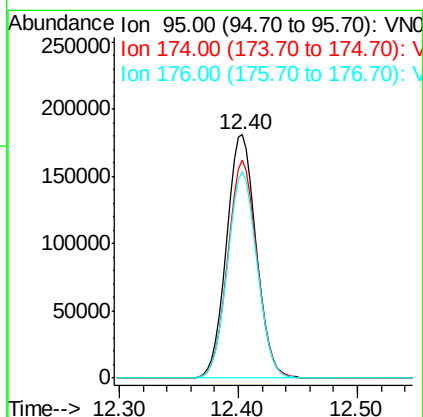
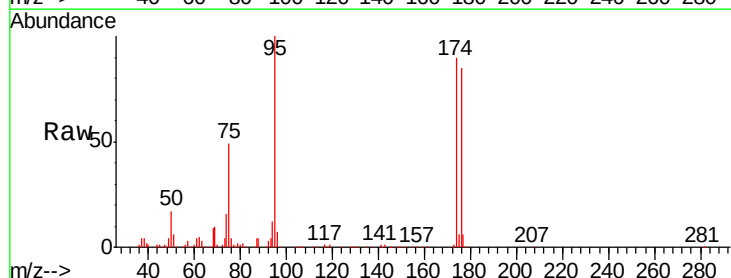
Instrument :
MSVOA_N
ClientSampled :
14B-4

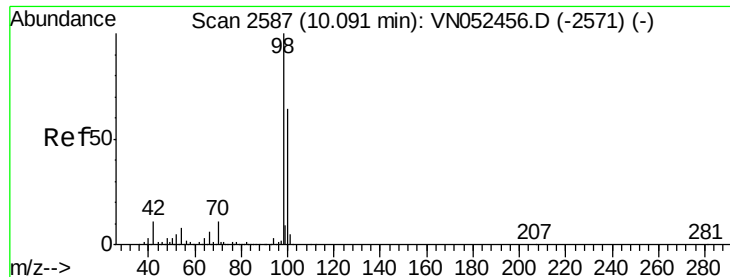
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.2	66.2
119	31.8	25.4	38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052503.D
Acq: 28 Nov 2018 2:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	67.9	101.9
176	84.5	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: VN052503.D

Acq: 28 Nov 2018 2:58

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tgt Ion: 98 Resp: 1104269

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

