

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052546.D
 Acq On : 29 Nov 2018 3:53
 Operator : MD\SY
 Sample : J6120-03 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 29 07:27:58 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	177284	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	999993	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	830402	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	357500	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	12.40	95	335164	26.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.00%
63) Toluene-d8	10.09	98	1168259	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

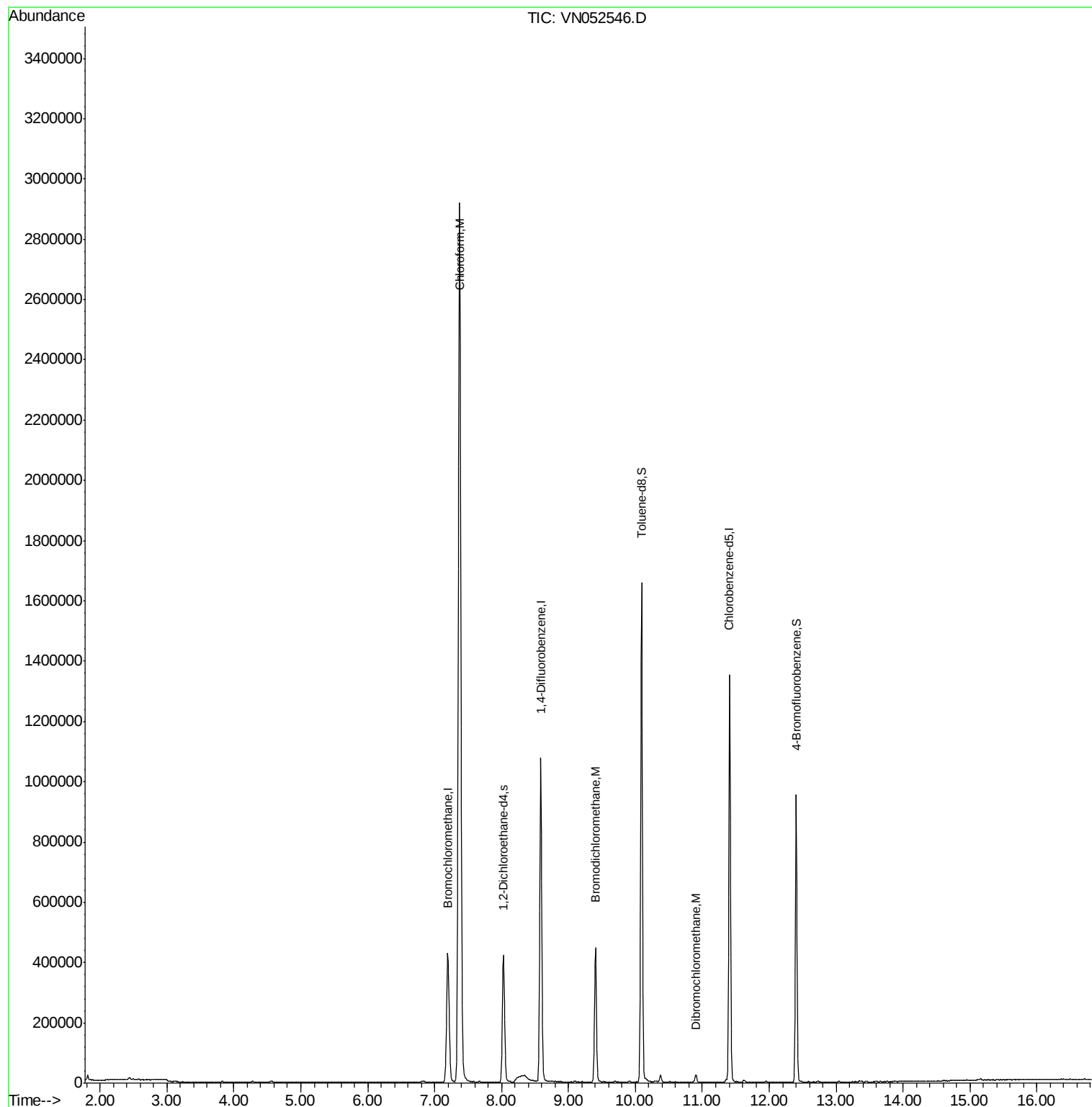
					Ovalue
25) Chloroform	7.37	83	3218059	160.628	ug/l 99
41) Bromodichloromethane	9.40	83	315977	21.504	ug/l 97
53) Dibromochloromethane	10.90	129	13757	1.325	ug/l 97

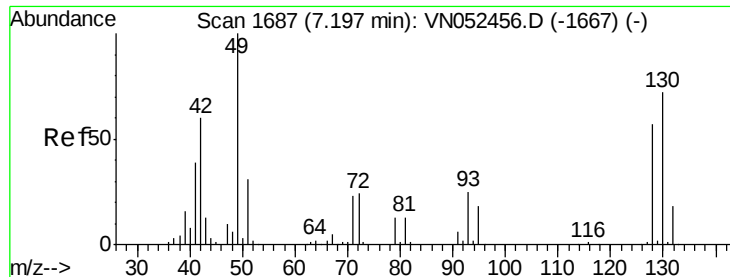
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112818\
Data File : VN052546.D
Acq On : 29 Nov 2018 3:53
Operator : MD\SY
Sample : J6120-03 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Quant Time: Nov 29 07:27:58 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

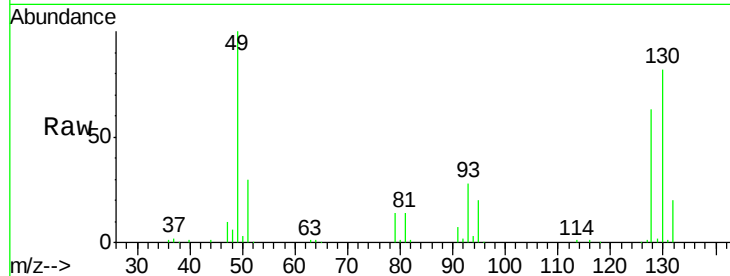




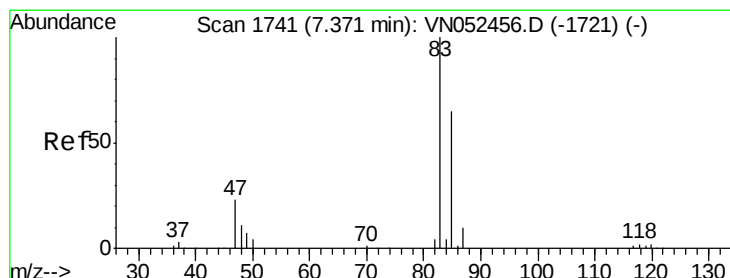
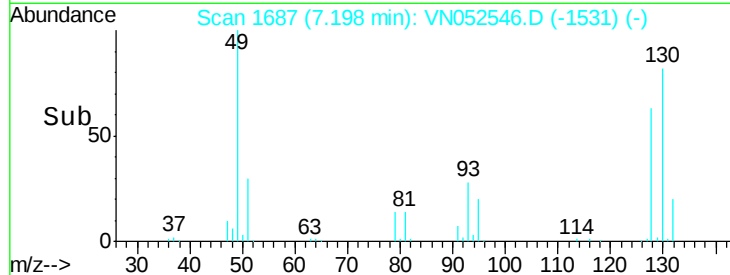
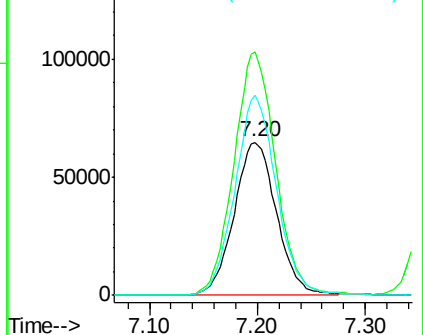
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052546.D
Acq: 29 Nov 2018 3:53

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tot Ion:128 Resp: 177284
Ion Ratio Lower Upper
128 100
49 155.9 0.0 431.8
130 127.4 0.0 317.0

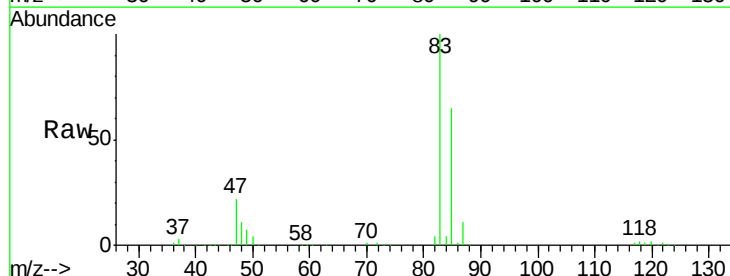


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V

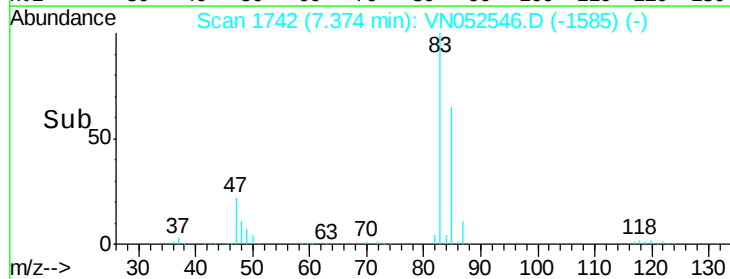
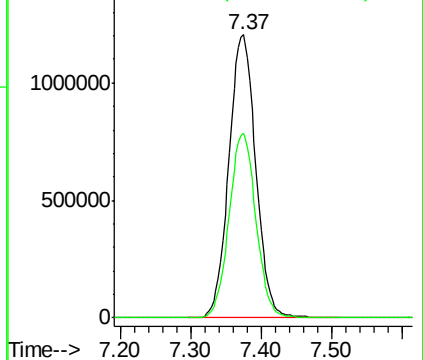


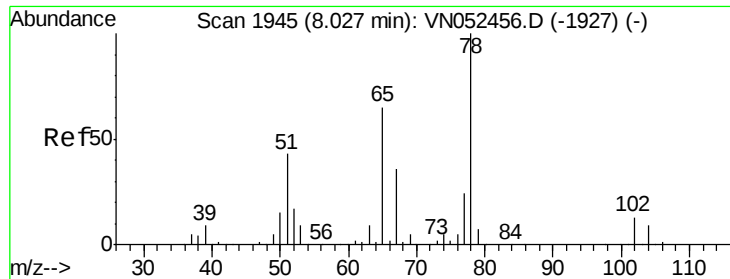
#25
Chloroform
Concen: 160.628 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052546.D
Acq: 29 Nov 2018 3:53

Tgt Ion: 83 Resp: 3218059
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5



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

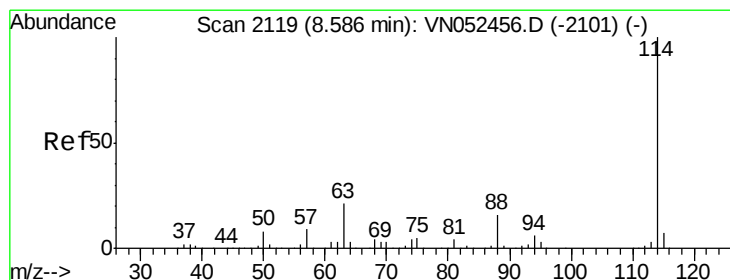
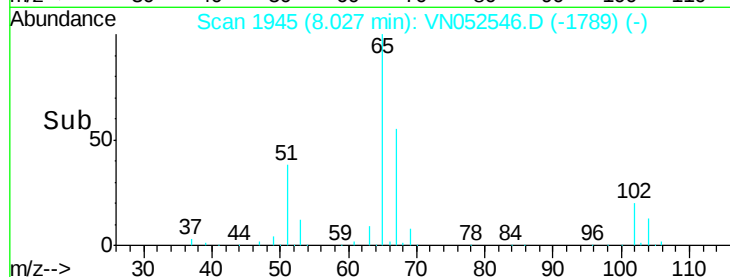
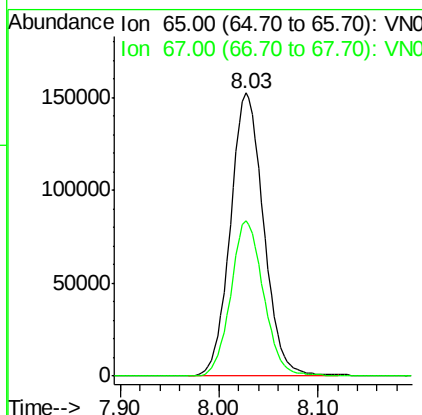
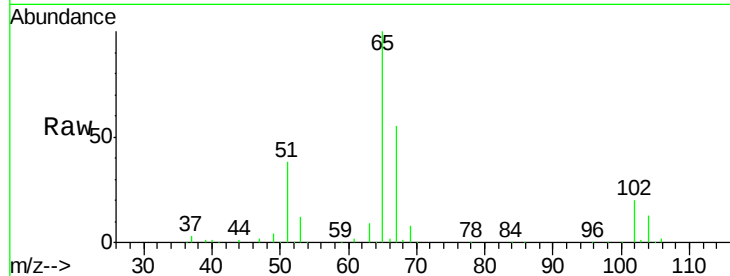




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052546.D
 Acq: 29 Nov 2018 3:53

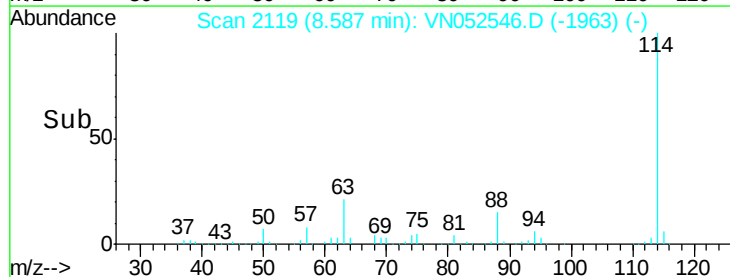
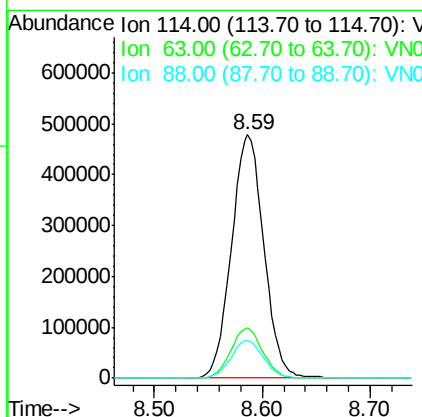
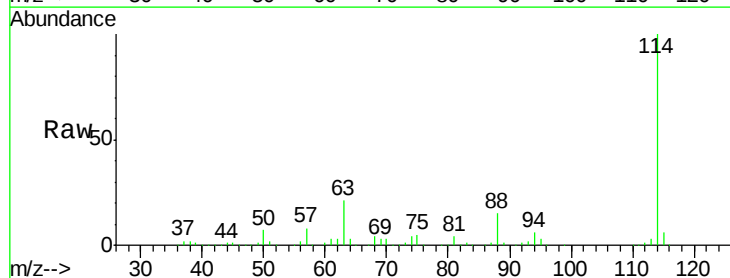
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

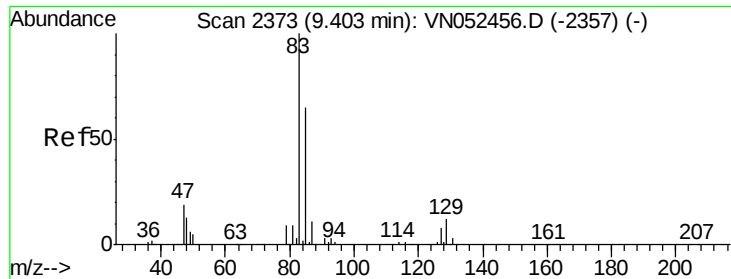
Tot Ion: 65 Resp: 357500
 Ion Ratio Lower Upper
 65 100
 67 54.1 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052546.D
 Acq: 29 Nov 2018 3:53

Tgt Ion: 114 Resp: 999993
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.4 12.8 19.2





#41

Bromodichloromethane

Concen: 21.504 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052546.D

Acq: 29 Nov 2018 3:53

Instrument :

MSVOA_N

ClientSampled :

14B-3

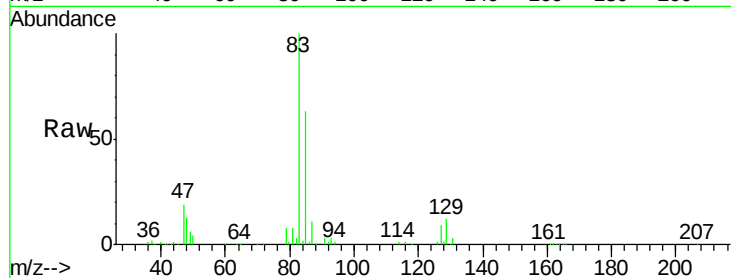
Tot Ion: 83 Resp: 315977

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

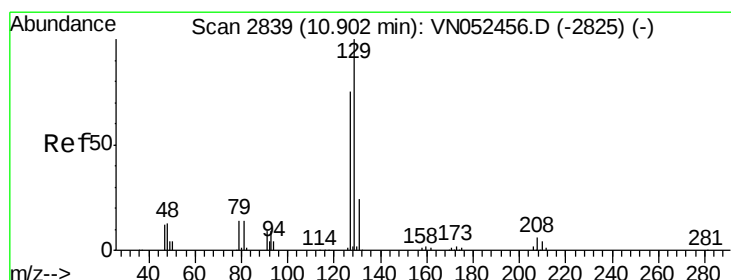
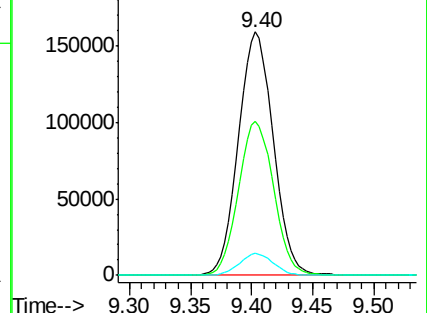
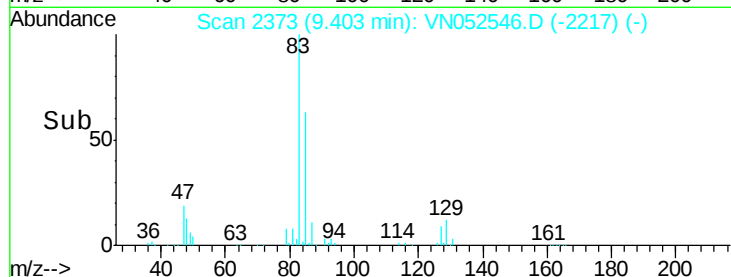
127 8.9 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052456.D (-2357) (-)

Ion 85.00 (84.70 to 85.70): VN052456.D (-2357) (-)

Ion 127.00 (126.70 to 127.70): VN052456.D (-2357) (-)



#53

Dibromochloromethane

Concen: 1.325 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052546.D

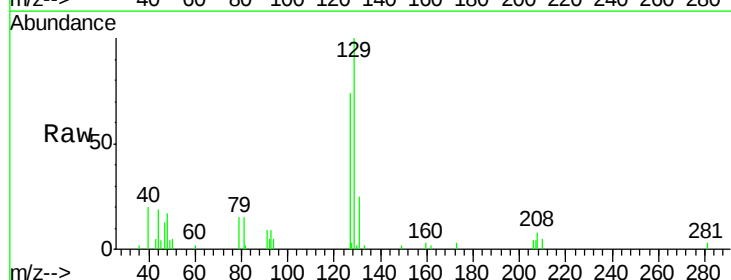
Acq: 29 Nov 2018 3:53

Tgt Ion: 129 Resp: 13757

Ion Ratio Lower Upper

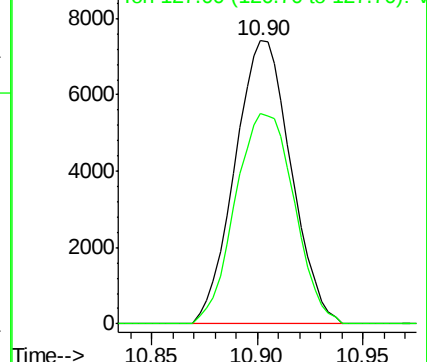
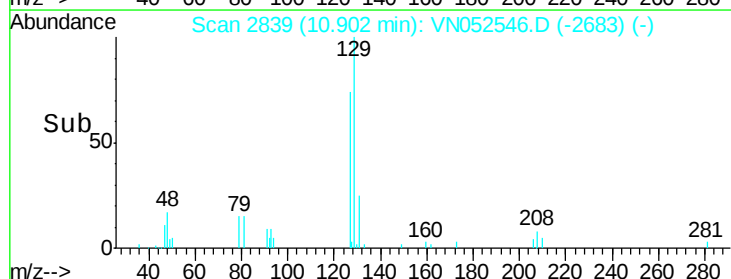
129 100

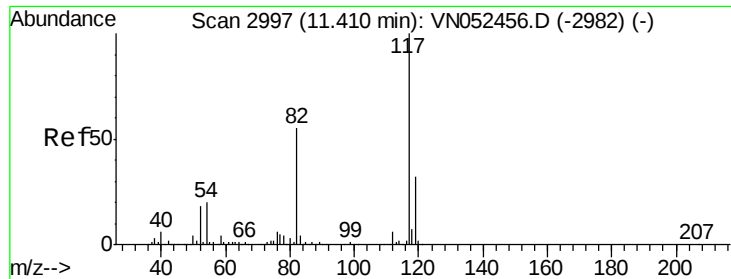
127 77.9 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052456.D (-2825) (-)

Ion 127.00 (126.70 to 127.70): VN052456.D (-2825) (-)

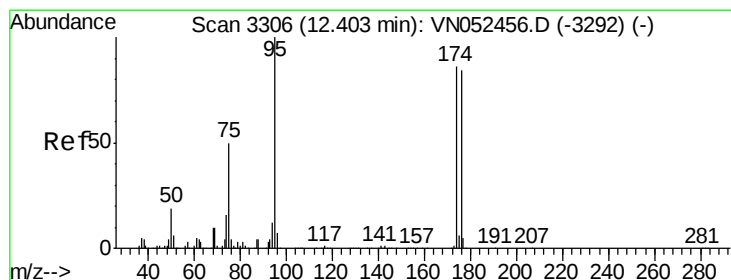
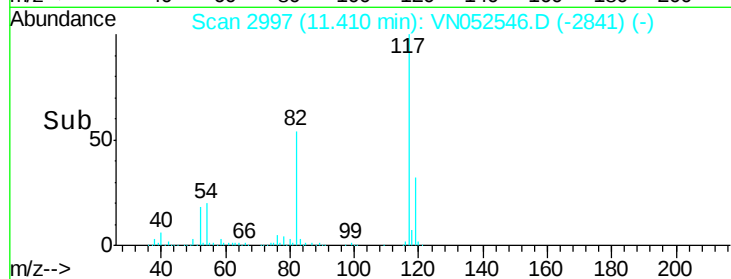
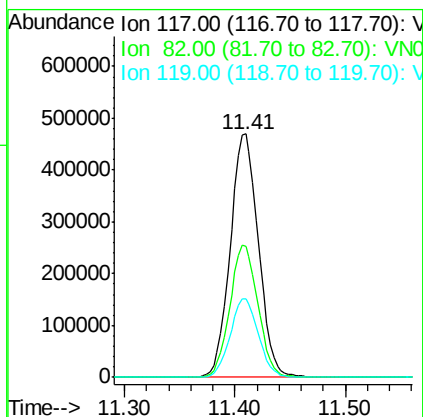
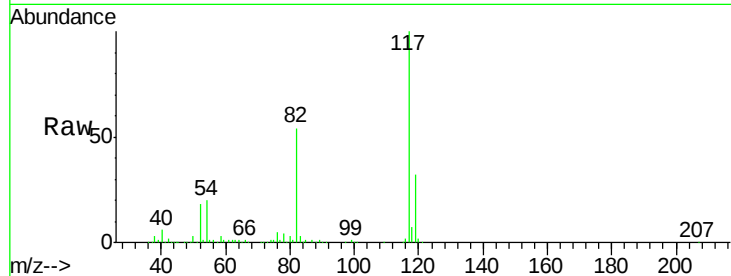




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052546.D
Acq: 29 Nov 2018 3:53

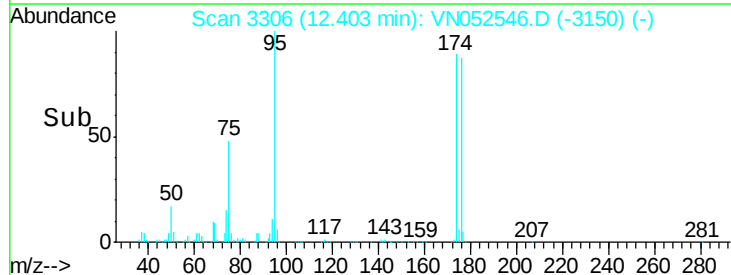
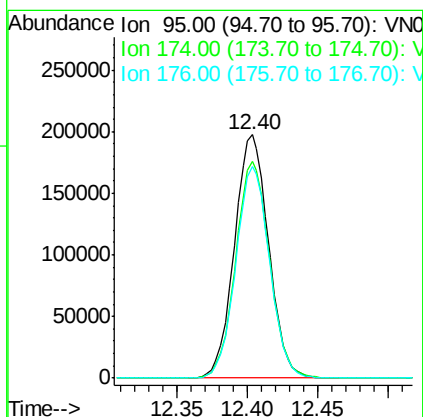
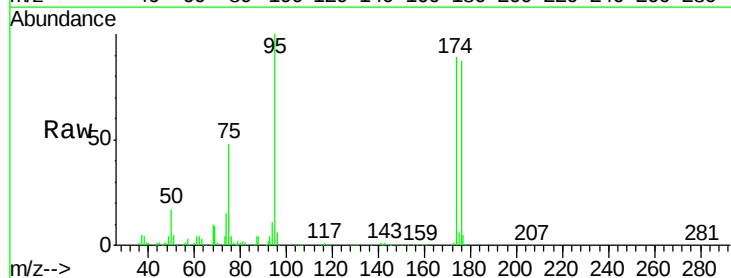
Instrument :
MSVOA_N
ClientSampled :
14B-3

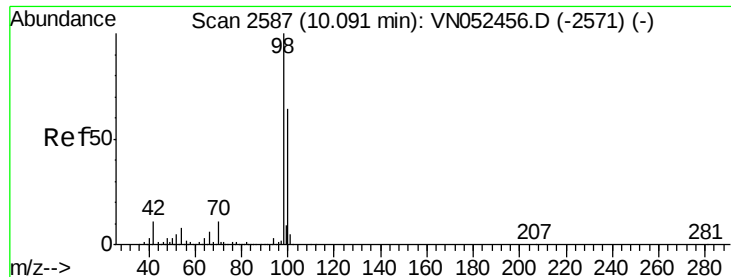
Tot Ion:117 Resp: 830402
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.5 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052546.D
Acq: 29 Nov 2018 3:53

Tgt Ion: 95 Resp: 335164
Ion Ratio Lower Upper
95 100
174 88.3 67.9 101.9
176 85.9 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: VN052546.D

Acq: 29 Nov 2018 3:53

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 1168259

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7

