

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052502.D
 Acq On : 28 Nov 2018 2:32
 Operator : MD\SY
 Sample : J6086-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 28 07:37:41 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	174261	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	985551	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	817953	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	357847	30.14	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	100.47%	
60) 4-Bromofluorobenzene	12.40	95	315795	25.25	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	84.17%	
63) Toluene-d8	10.09	98	1146509	30.23	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	100.77%	

Target Compounds

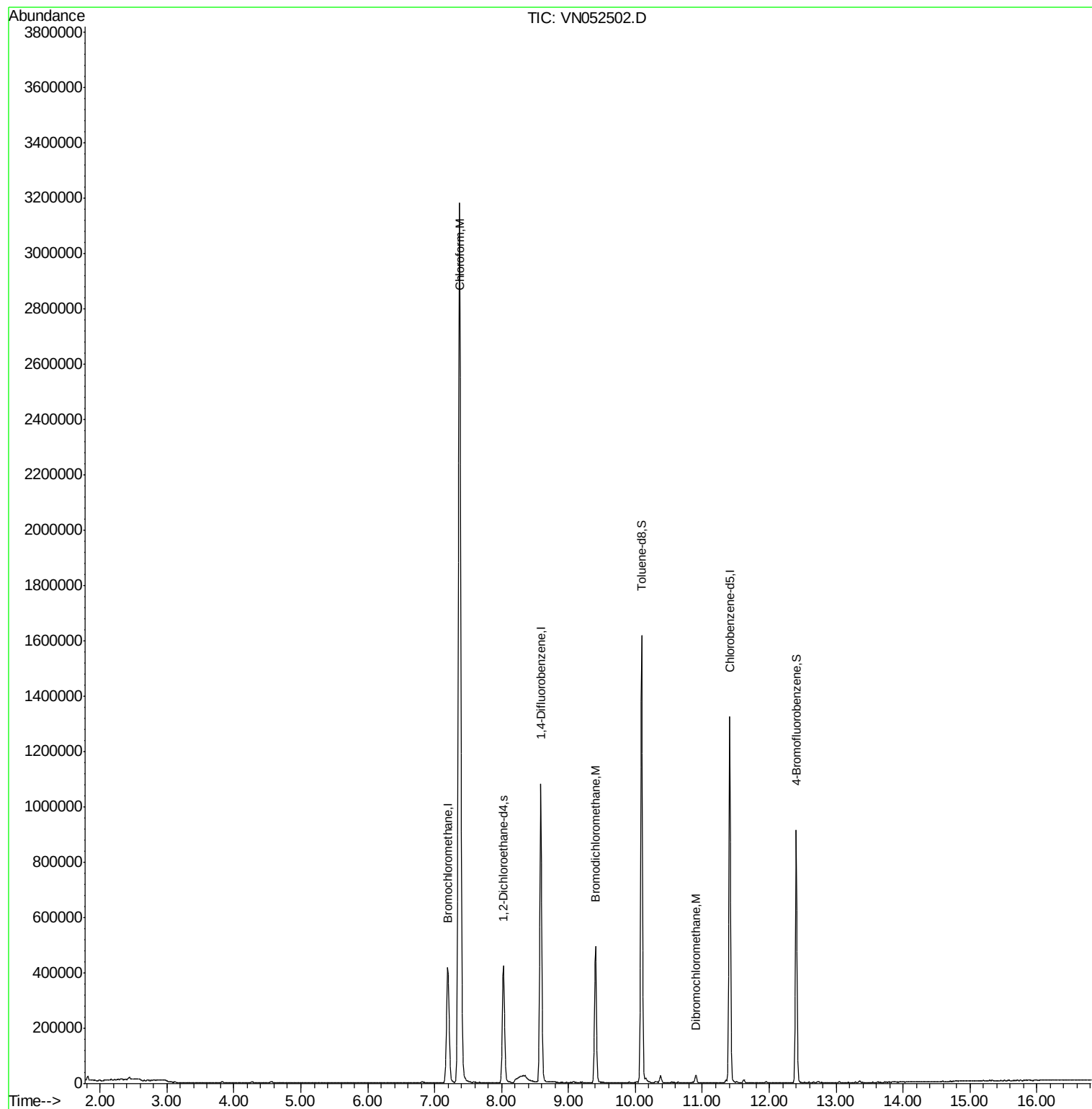
						Qvalue
25) Chloroform	7.37	83	3436513	174.51	ug/l	99
41) Bromodichloromethane	9.40	83	351388	24.26	ug/l	98
53) Dibromochloromethane	10.90	129	16523	1.62	ug/l	96

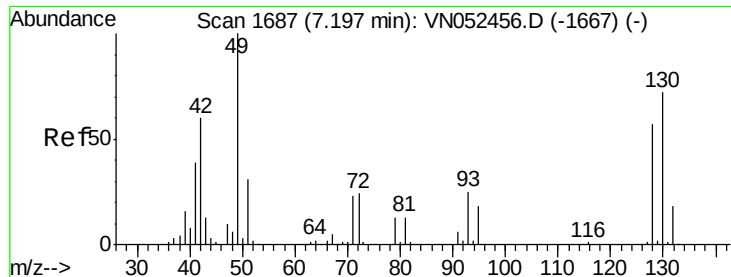
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Data File : VN052502.D
Acq On : 28 Nov 2018 2:32
Operator : MD\SY
Sample : J6086-03 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Quant Time: Nov 28 07:37:41 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

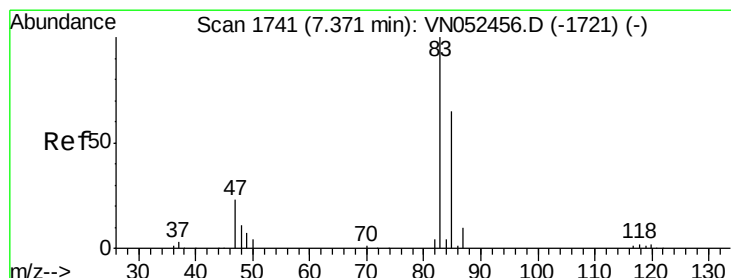
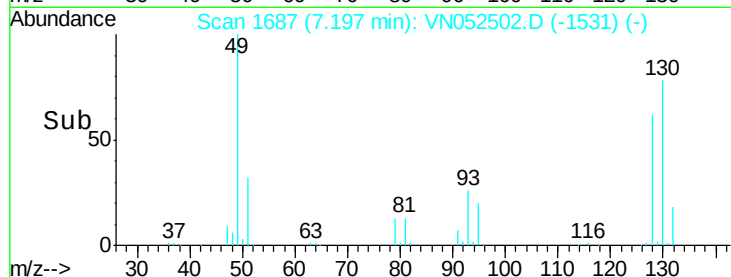
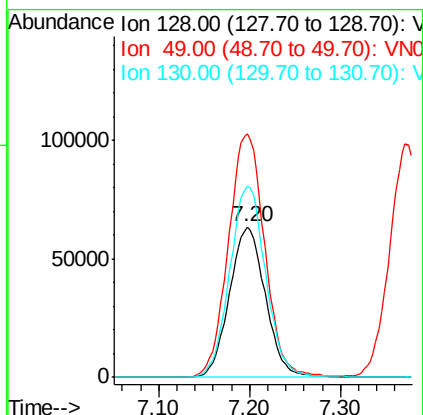
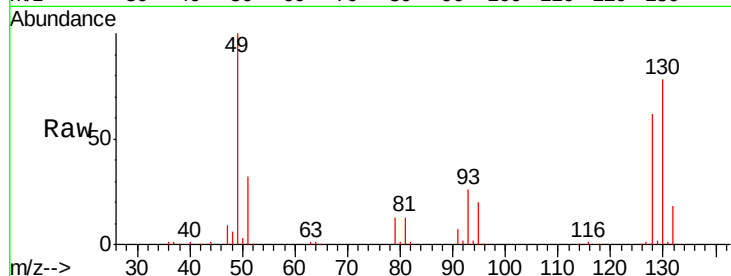




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN052502.D
Acq: 28 Nov 2018 2:32

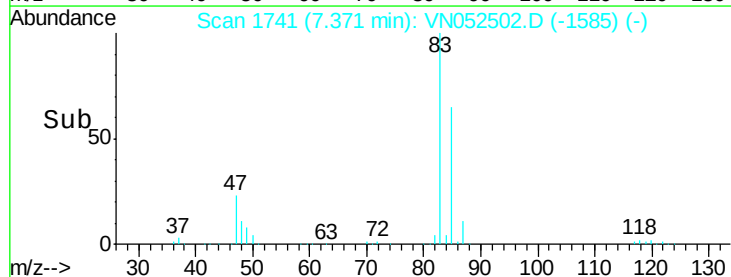
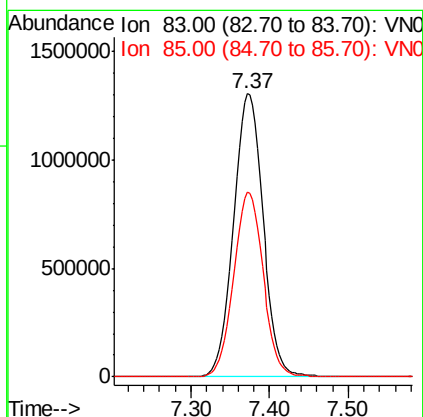
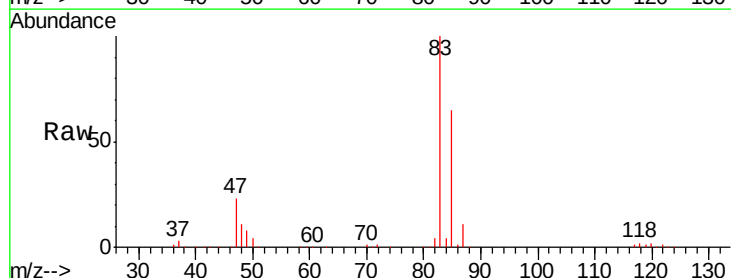
Instrument :
MSVOA_N
ClientSampled :
14B-3

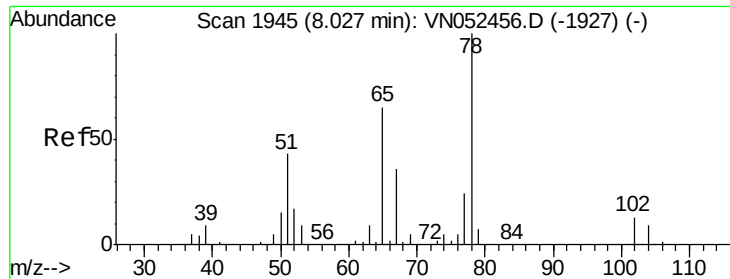
Tgt Ion:128 Resp: 174261
Ion Ratio Lower Upper
128 100
49 163.8 0.0 431.8
130 127.6 0.0 317.0



#25
Chloroform
Concen: 174.51 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052502.D
Acq: 28 Nov 2018 2:32

Tgt Ion: 83 Resp: 3436513
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5

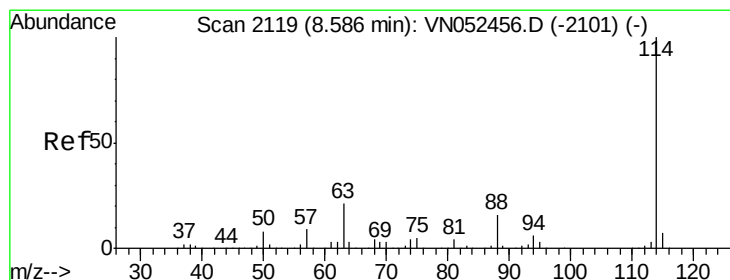
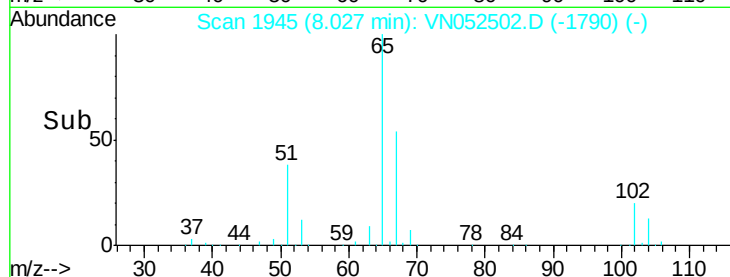
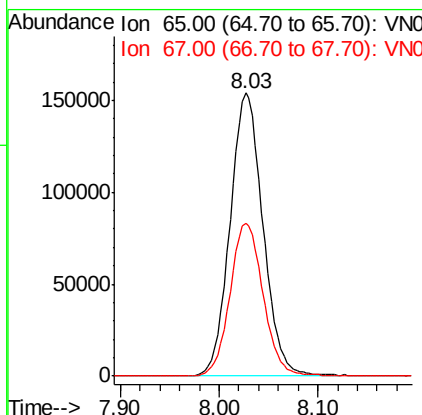
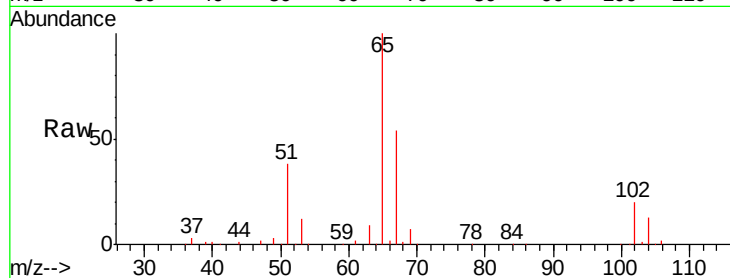




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052502.D
 Acq: 28 Nov 2018 2:32

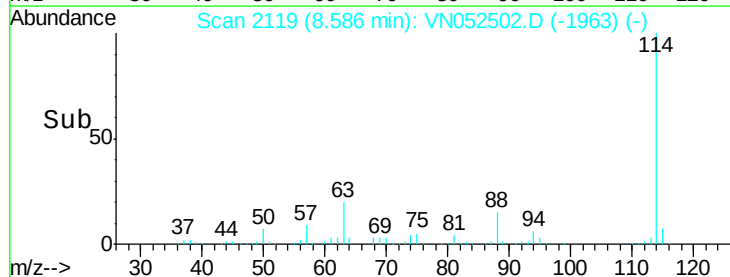
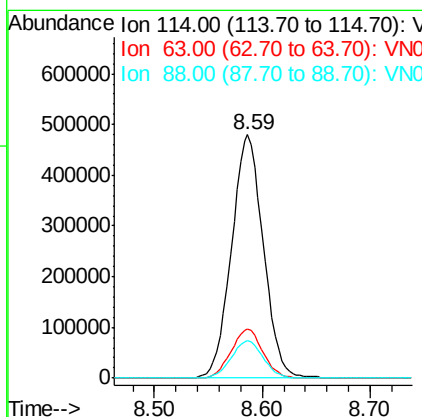
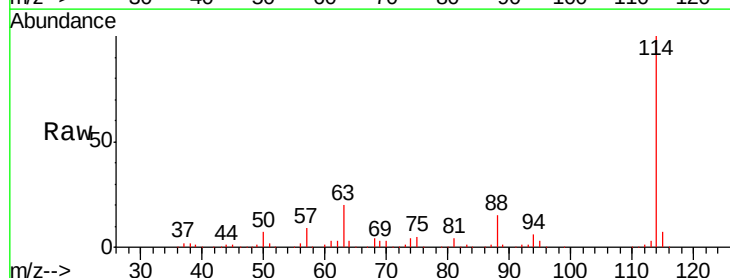
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

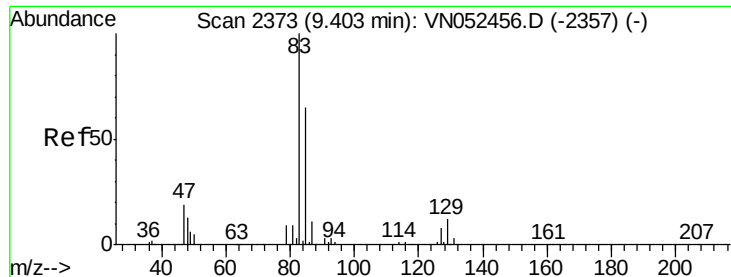
Tgt Ion: 65 Resp: 357847
 Ion Ratio Lower Upper
 65 100
 67 54.3 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052502.D
 Acq: 28 Nov 2018 2:32

Tgt Ion: 114 Resp: 985551
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.4 12.8 19.2





#41

Bromodichloromethane

Concen: 24.26 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052502.D

Acq: 28 Nov 2018 2:32

Instrument :

MSVOA_N

ClientSampleId :

14B-3

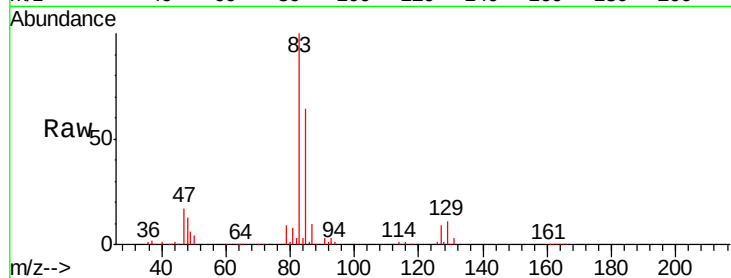
Tgt Ion: 83 Resp: 351388

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6

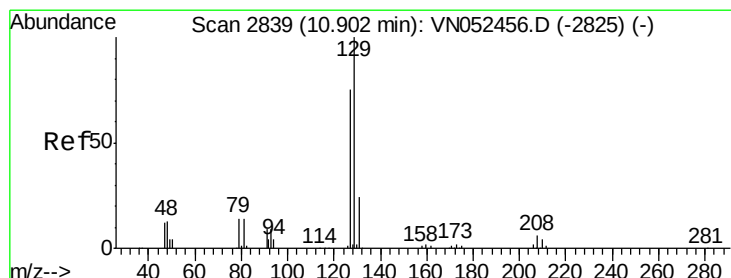
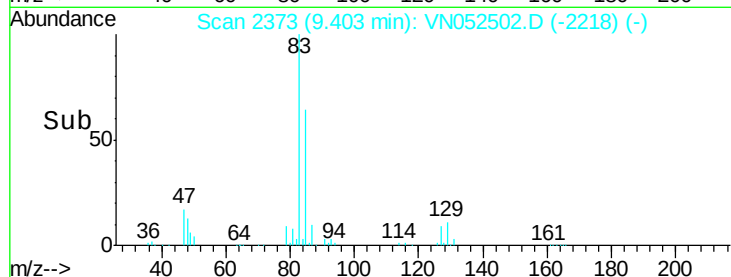
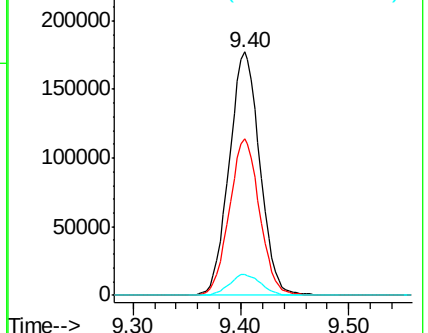
127 8.7 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052502.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN052502.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN052502.D (-2218) (-)



#53

Dibromochloromethane

Concen: 1.62 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052502.D

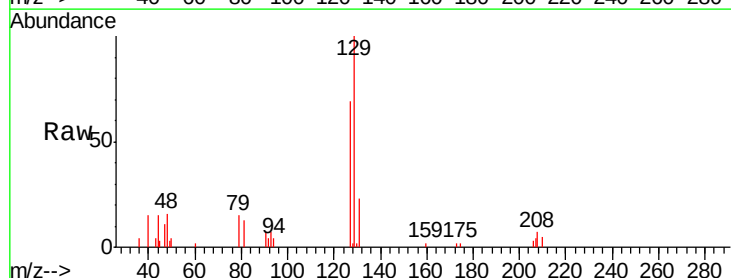
Acq: 28 Nov 2018 2:32

Tgt Ion: 129 Resp: 16523

Ion Ratio Lower Upper

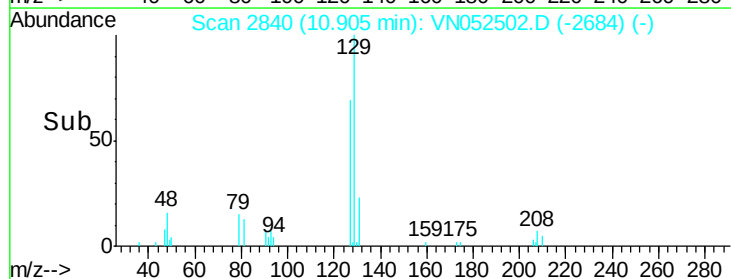
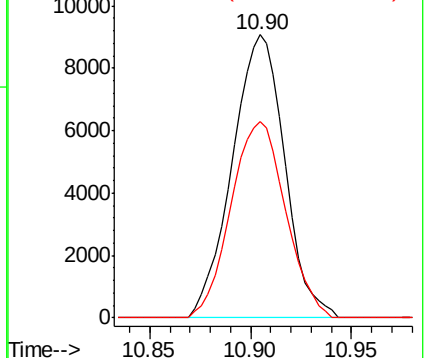
129 100

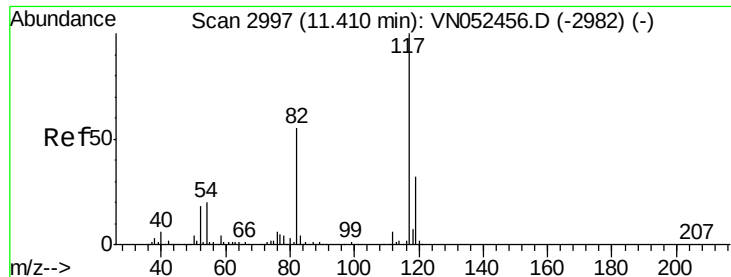
127 72.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052502.D (-2684) (-)

Ion 127.00 (126.70 to 127.70): VN052502.D (-2684) (-)

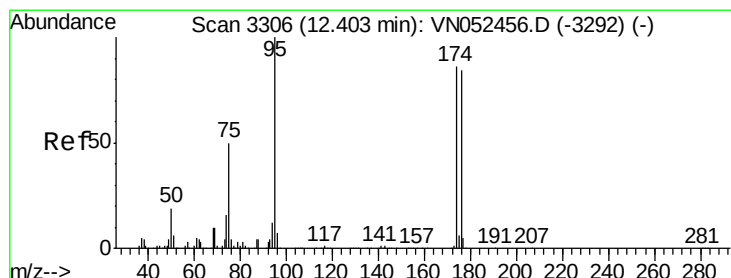
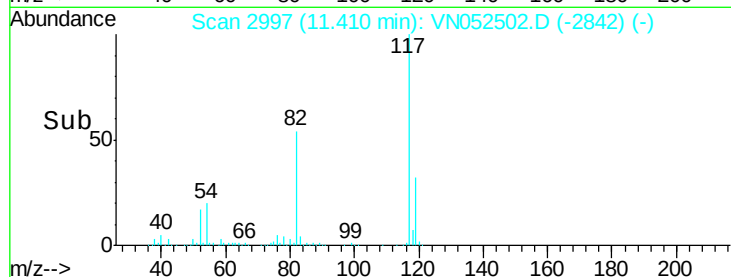
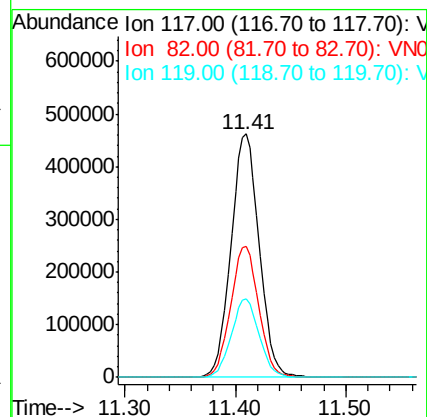
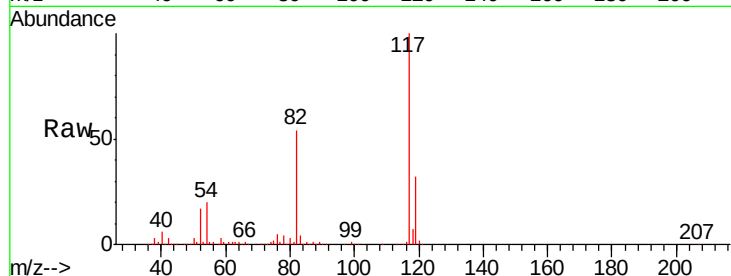




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052502.D
Acq: 28 Nov 2018 2:32

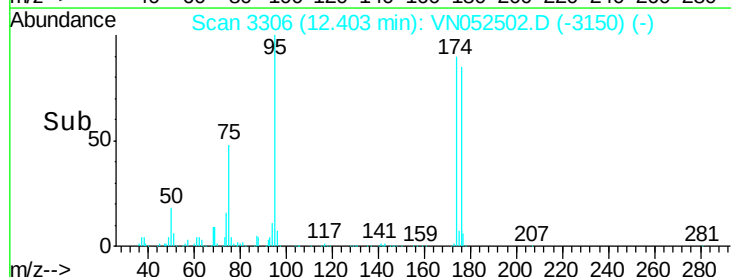
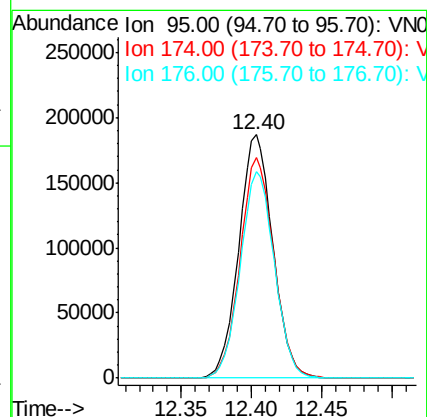
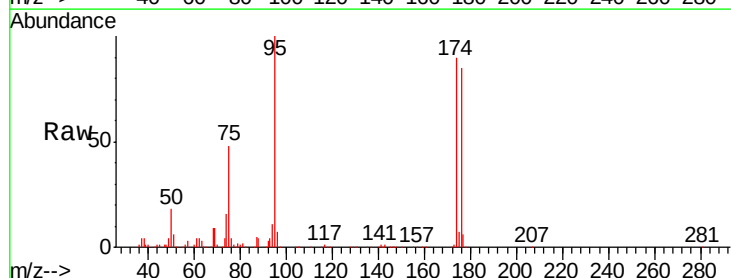
Instrument :
MSVOA_N
ClientSampled :
14B-3

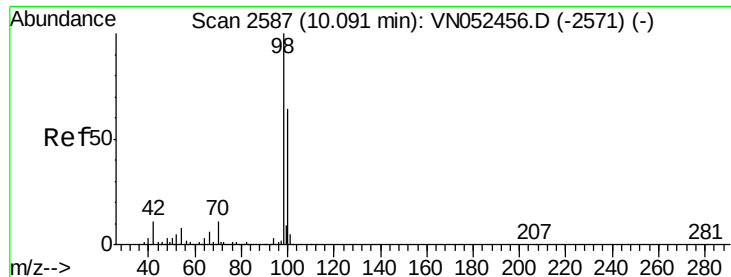
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.2
119	31.9	25.4	38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052502.D
Acq: 28 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	67.9	101.9
176	85.1	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: VN052502.D

Acq: 28 Nov 2018 2:32

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tgt Ion: 98 Resp: 1146509

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7

