

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
 Data File : VN051632.D
 Acq On : 1 Oct 2018 12:50
 Operator : MD\SY
 Sample : J5090-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Oct 02 01:25:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	94117	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	457964	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	381330	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	205601	31.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.57%
60) 4-Bromofluorobenzene	12.40	95	121238	20.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	68.93%
63) Toluene-d8	10.09	98	527772	29.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.77%

Target Compounds

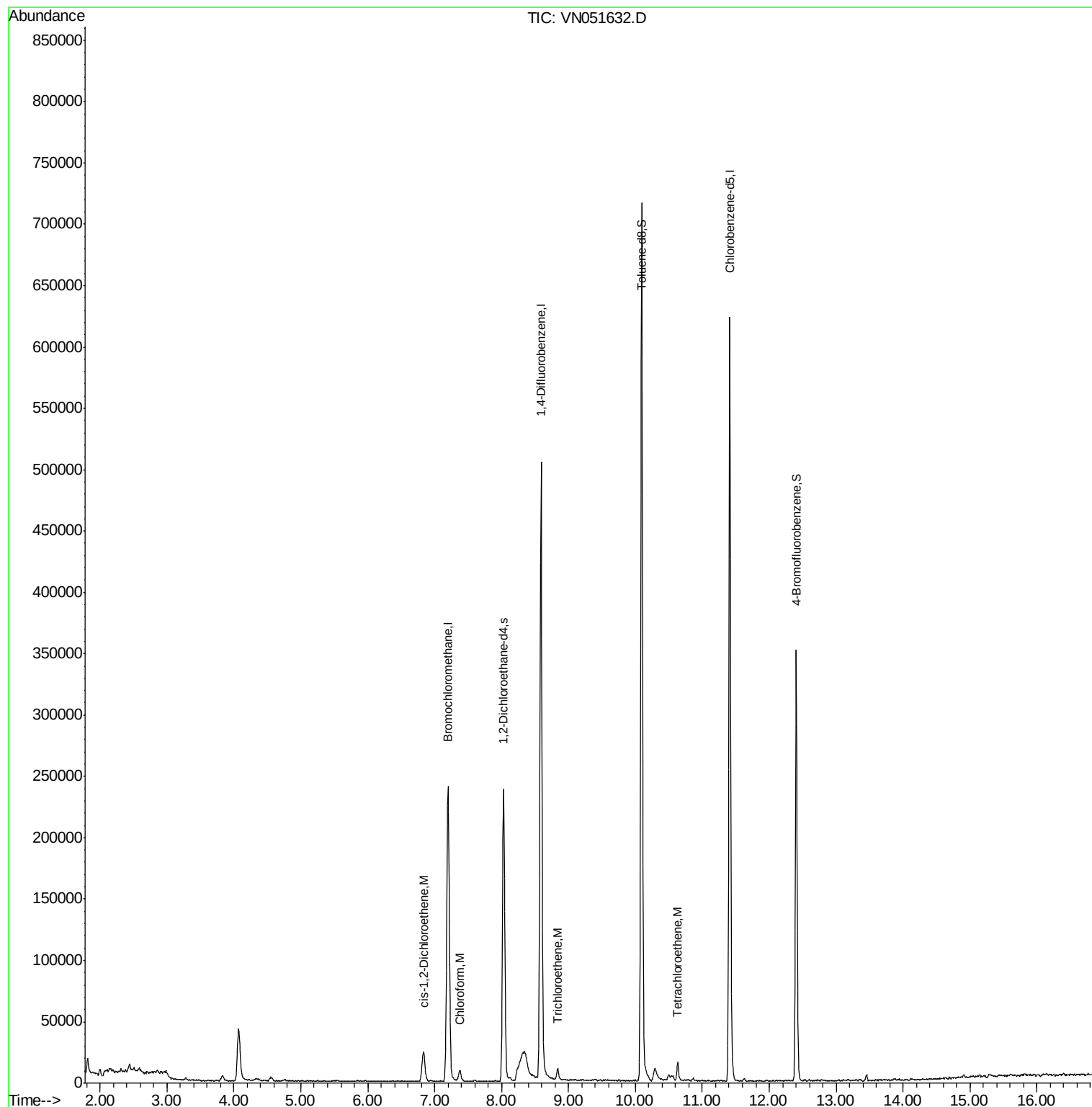
					Ovalue
22) cis-1,2-Dichloroethene	6.83	96	7038	1.068 ug/l	95
25) Chloroform	7.38	83	9067	0.793 ug/l	90
37) Trichloroethene	8.84	130	3782	0.636 ug/l	85
61) Tetrachloroethene	10.63	164	3968	0.735 ug/l	86

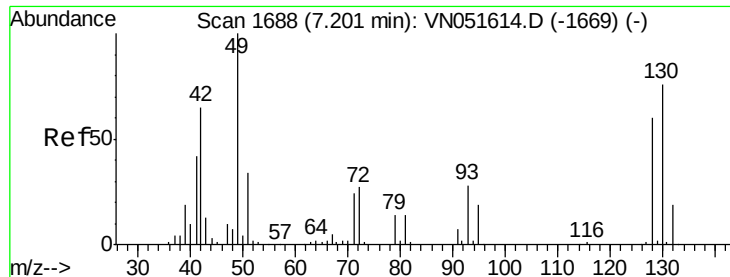
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 29 01:07:29 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051632.D

Acq: 1 Oct 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

MW-1

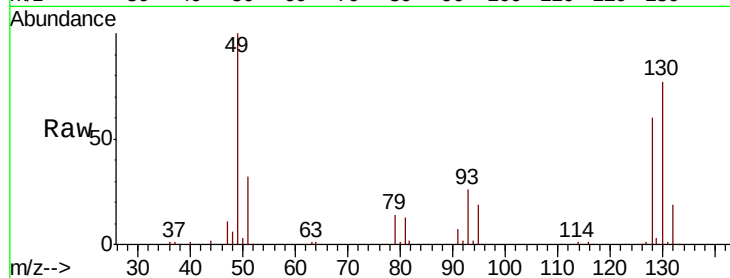
Tot Ion:128 Resp: 94117

Ion Ratio Lower Upper

128 100

49 169.1 0.0 426.8

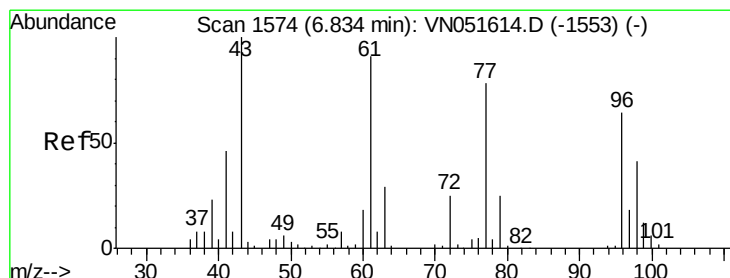
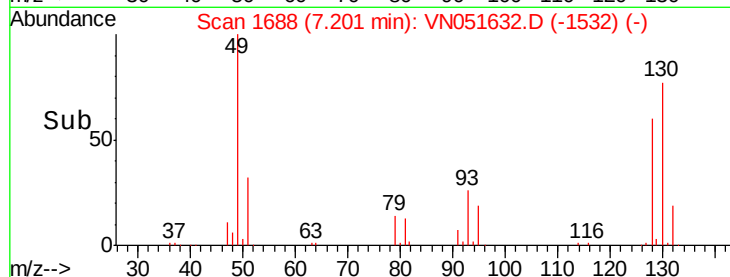
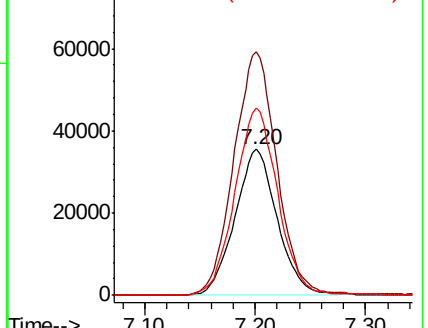
130 129.8 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#22

cis-1,2-Dichloroethene

Concen: 1.068 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051632.D

Acq: 1 Oct 2018 12:50

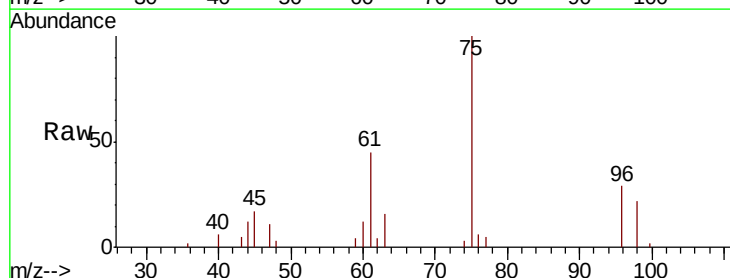
Tgt Ion: 96 Resp: 7038

Ion Ratio Lower Upper

96 100

61 155.1 120.4 180.6

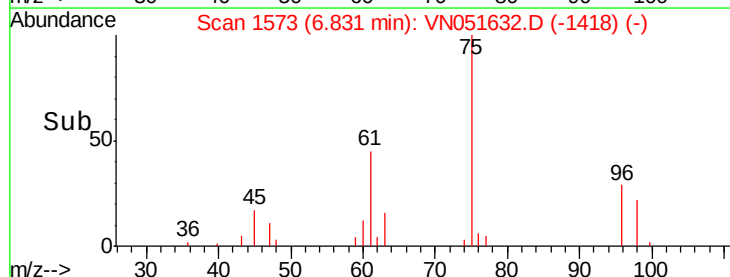
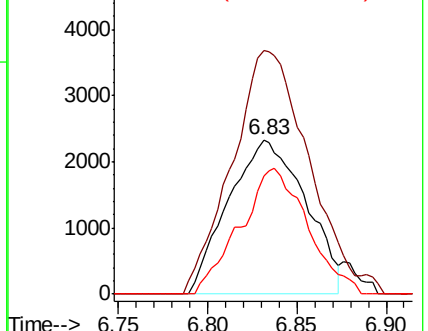
98 58.2 51.4 77.0

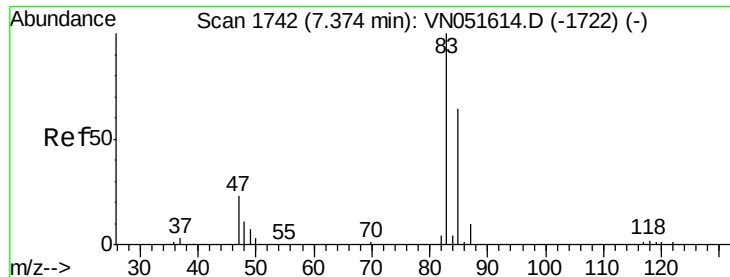


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

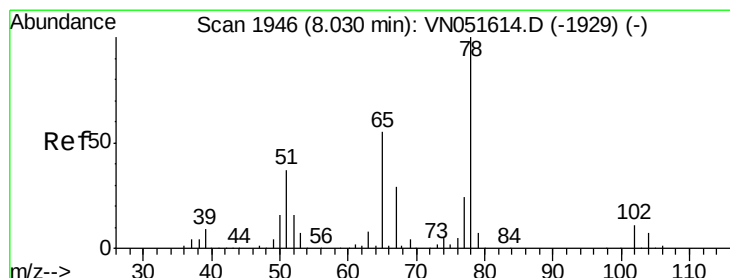
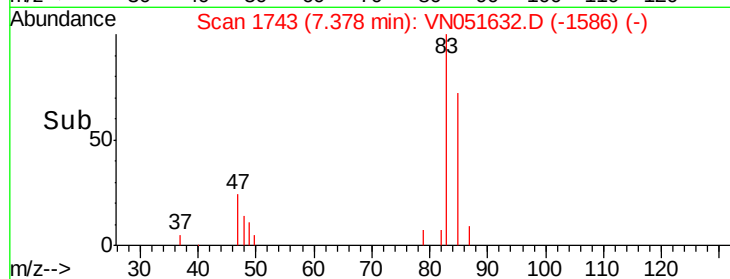
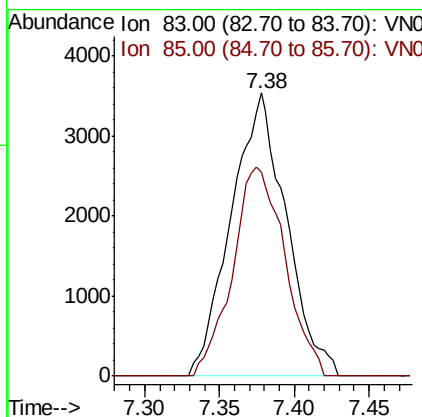
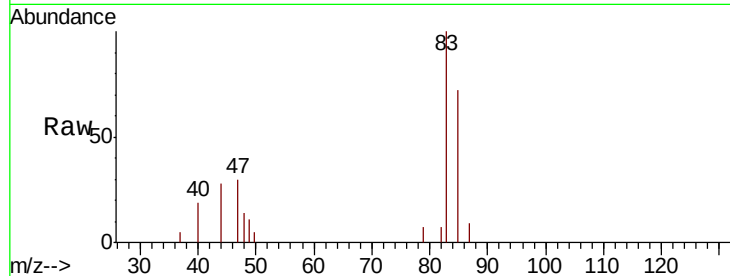




#25
Chloroform
Concen: 0.793 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051632.D
Acq: 1 Oct 2018 12:50

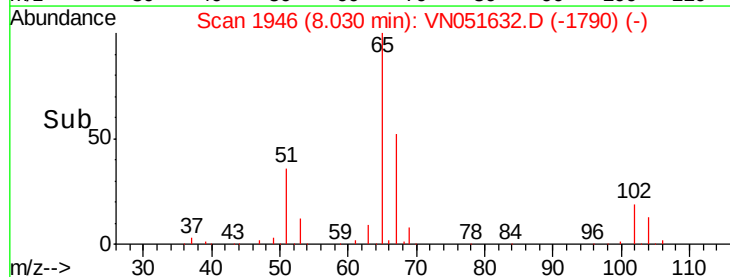
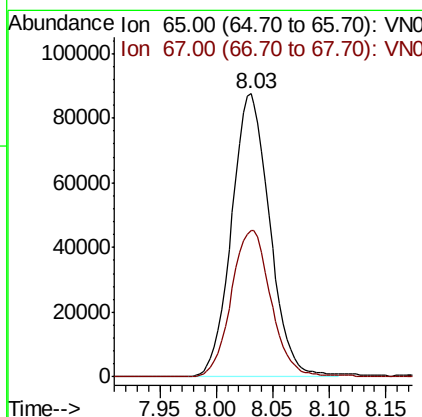
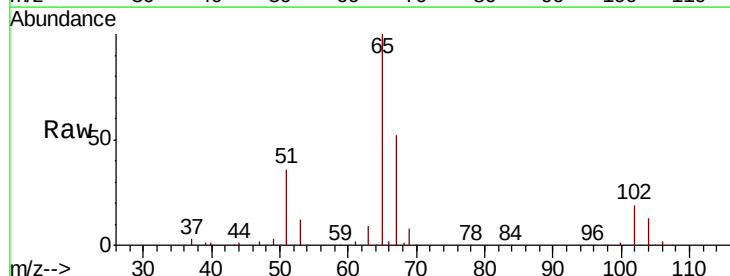
Instrument :
MSVOA_N
ClientSampleId :
MW-1

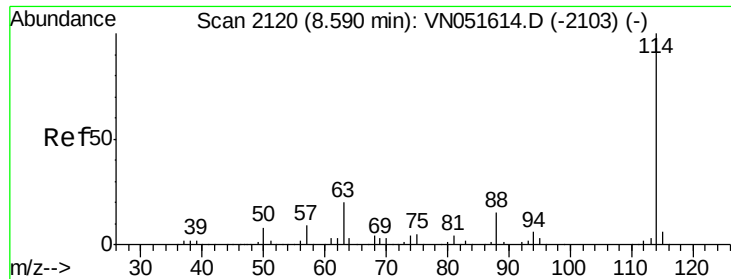
Tot Ion: 83 Resp: 9067
Ion Ratio Lower Upper
83 100
85 72.2 51.4 77.0



#27
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051632.D
Acq: 1 Oct 2018 12:50

Tgt Ion: 65 Resp: 205601
Ion Ratio Lower Upper
65 100
67 53.5 43.1 64.7

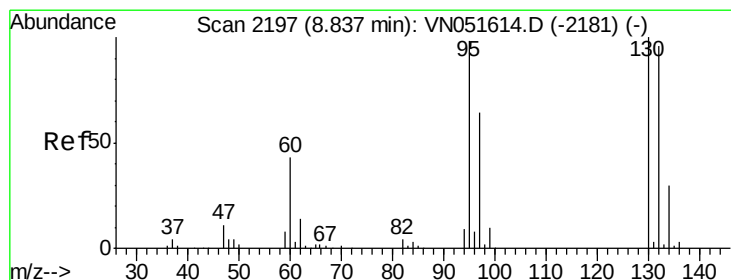
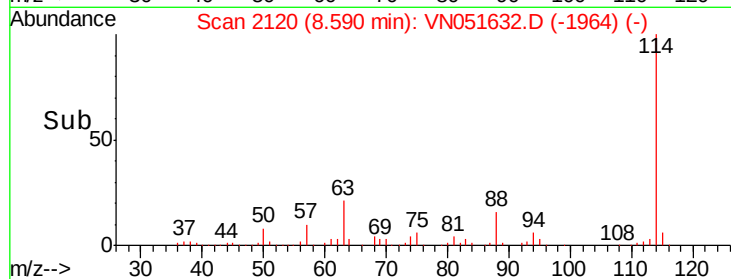
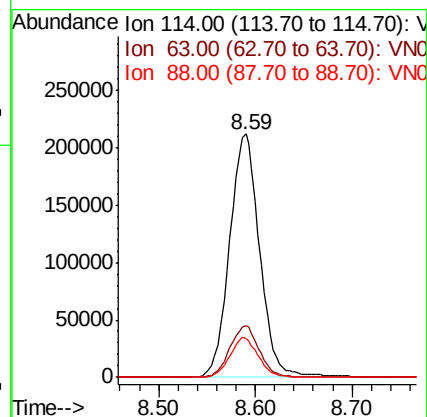
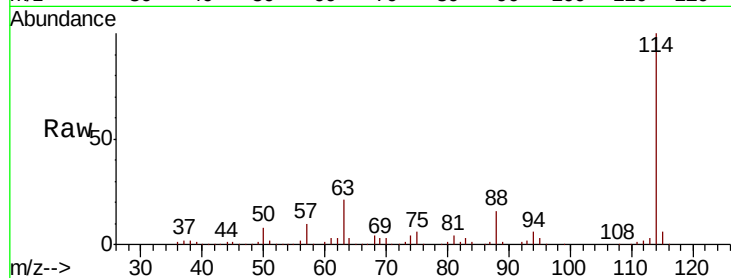




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051632.D
 Acq: 1 Oct 2018 12:50

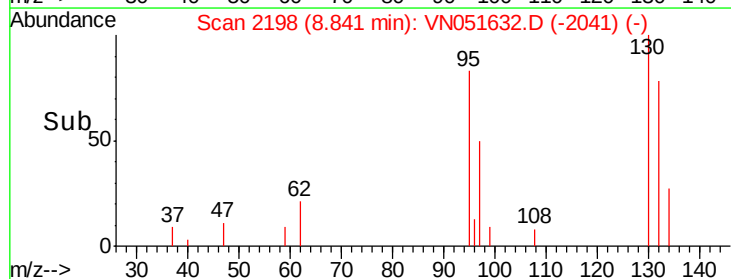
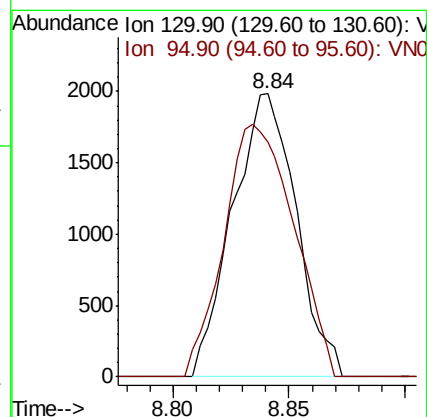
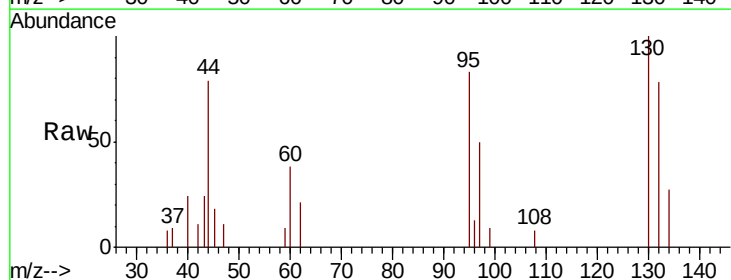
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

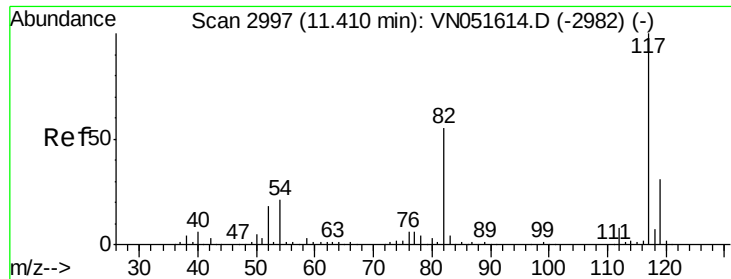
Tot Ion:114 Resp: 457964
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.4 24.6
 88 15.4 12.6 18.8



#37
 Trichloroethene
 Concen: 0.636 ug/l
 RT: 8.84 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VN051632.D
 Acq: 1 Oct 2018 12:50

Tgt Ion:130 Resp: 3782
 Ion Ratio Lower Upper
 130 100
 95 83.1 78.4 117.6

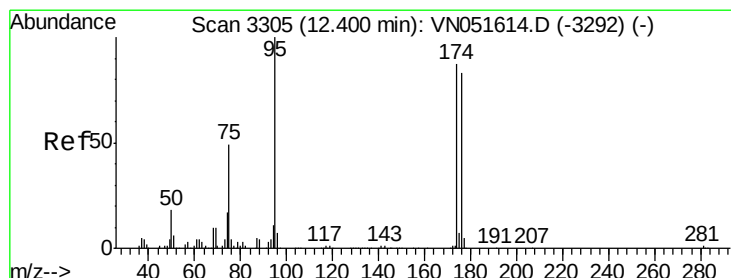
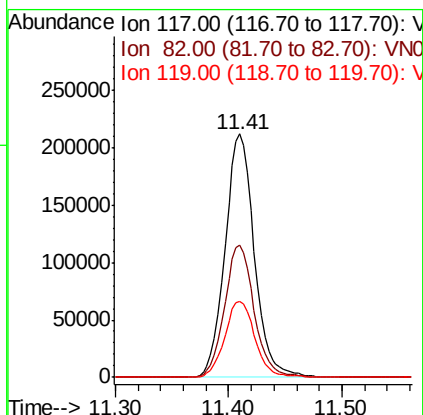
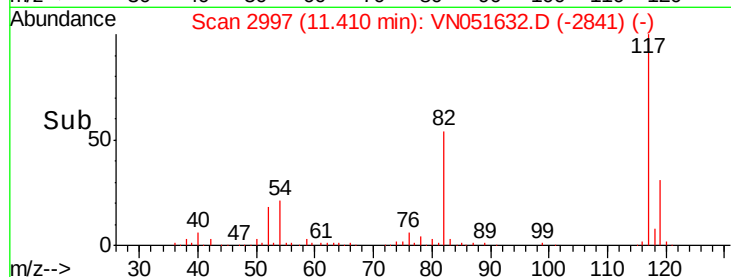
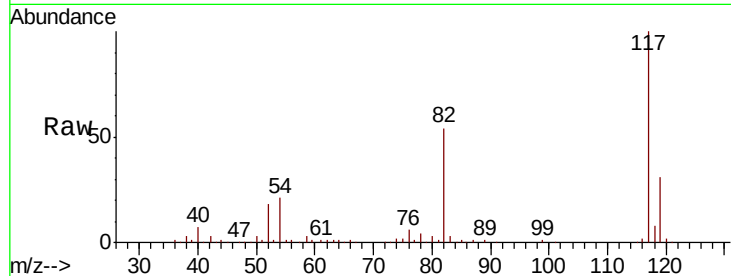




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051632.D
Acq: 1 Oct 2018 12:50

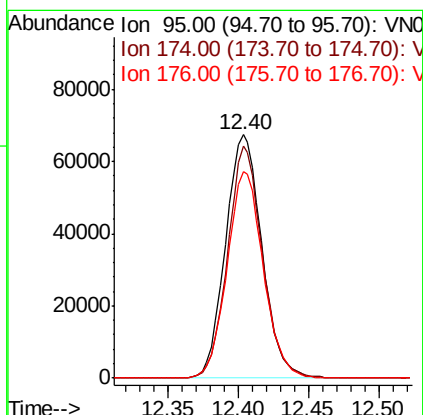
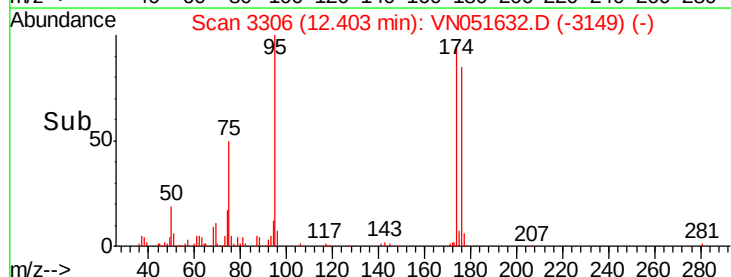
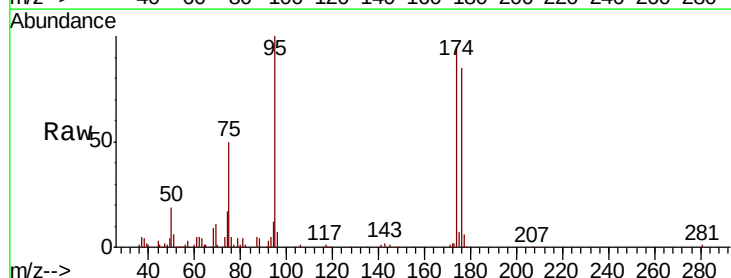
Instrument :
MSVOA_N
ClientSampled :
MW-1

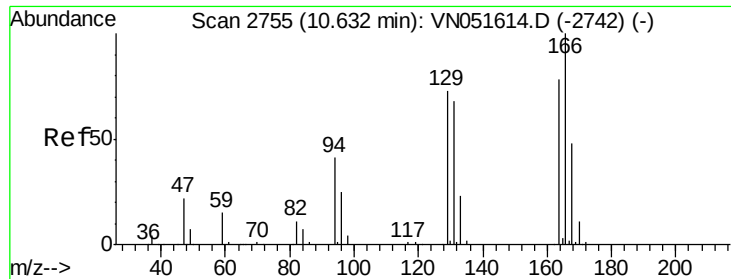
Tot Ion:117 Resp: 381330
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.4 25.2 37.8



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051632.D
Acq: 1 Oct 2018 12:50

Tgt Ion: 95 Resp: 121238
Ion Ratio Lower Upper
95 100
174 91.4 71.2 106.8
176 84.5 67.8 101.8





#61

Tetrachloroethene

Concen: 0.735 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN051632.D

Acq: 1 Oct 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tot Ion:164 Resp: 3968

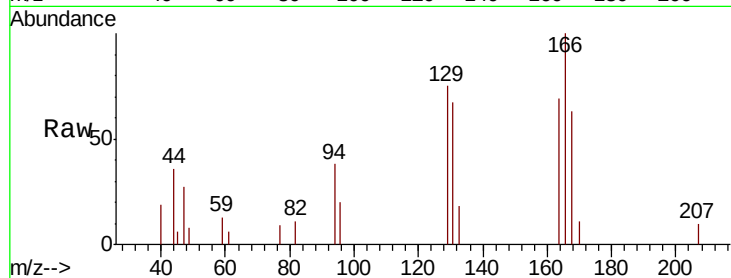
Ion Ratio Lower Upper

164 100

166 145.4 103.1 154.7

129 109.8 75.3 112.9

131 97.9 70.8 106.2

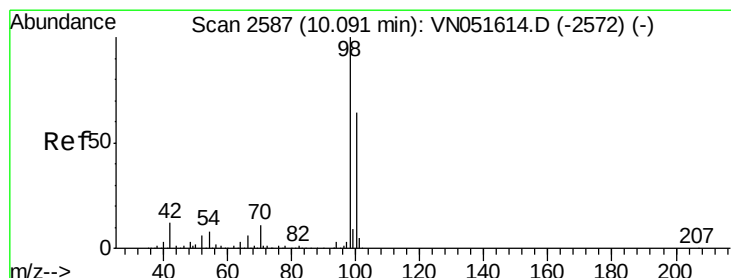
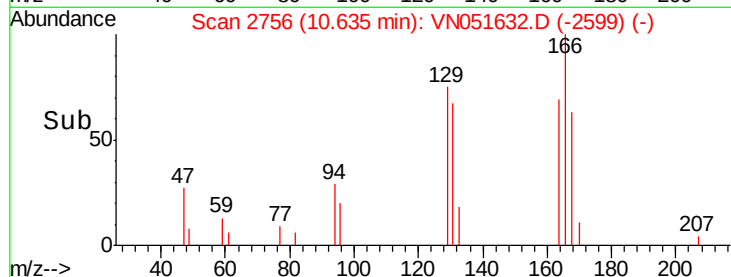
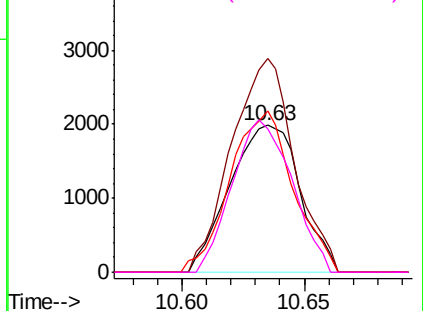


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051632.D

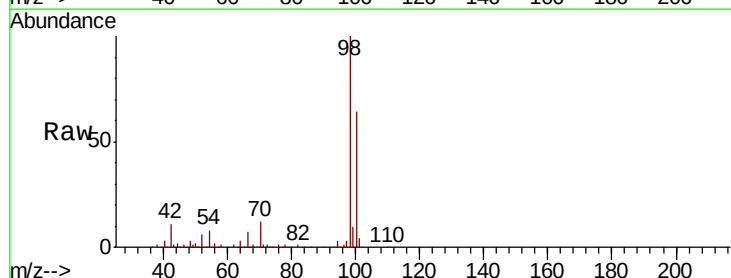
Acq: 1 Oct 2018 12:50

Tgt Ion: 98 Resp: 527772

Ion Ratio Lower Upper

98 100

100 61.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

