

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055110.D
 Acq On : 17 Apr 2019 17:02
 Operator : JC/SP
 Sample : K2434-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-288

Quant Time: Apr 18 05:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

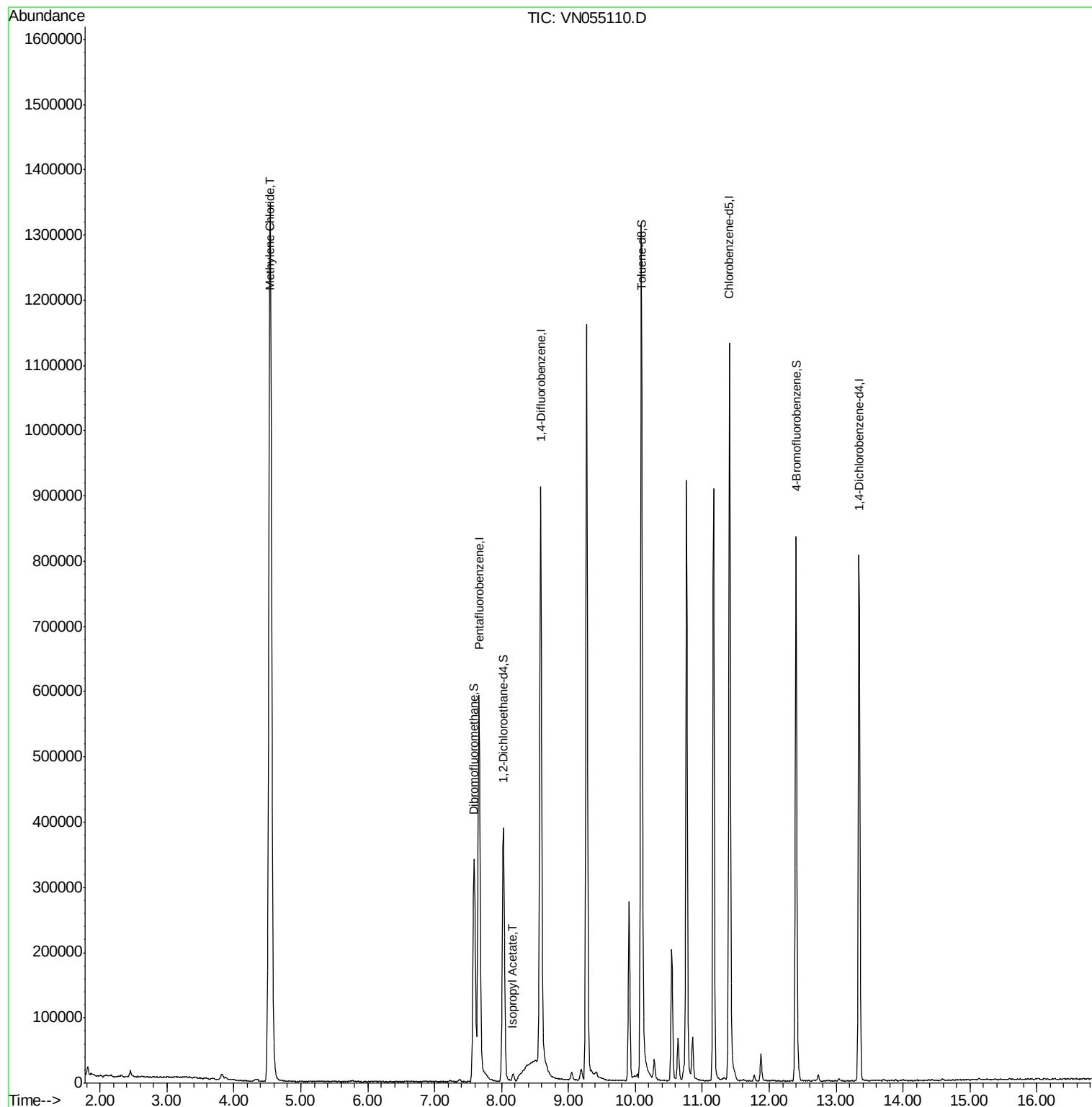
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	507440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	820604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	685793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	324216	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	259426	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.09	98	981388	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	285239	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
20) Methylene Chloride	4.54	84	951052	147.777	ug/l	96
43) Isopropyl Acetate	8.17	43	13382	1.379	ug/l #	92

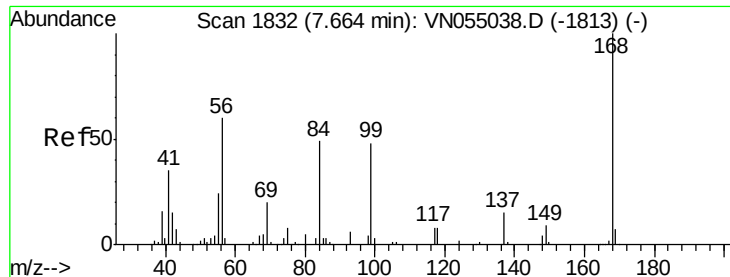
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055110.D

Acq: 17 Apr 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

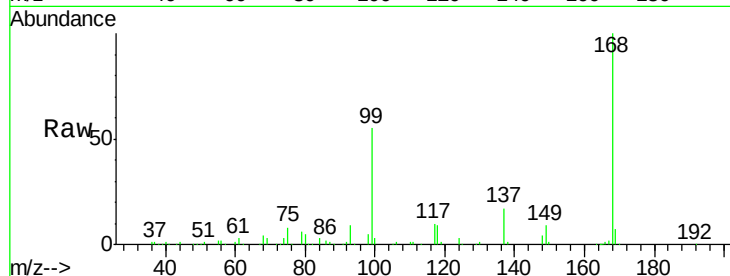
RO-288

Tot Ion:168 Resp: 507440

Ion Ratio Lower Upper

168 100

99 54.9 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

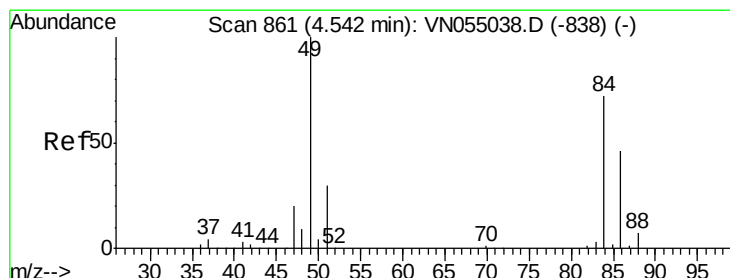
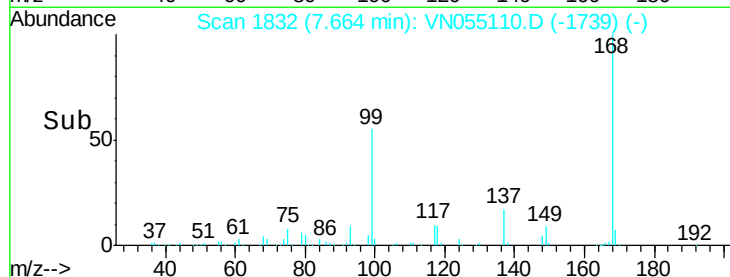
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 147.777 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN055110.D

Acq: 17 Apr 2019 17:02

Tgt Ion: 84 Resp: 951052

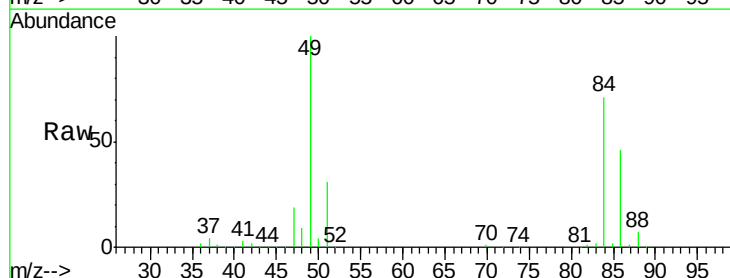
Ion Ratio Lower Upper

84 100

49 140.7 109.4 164.2

51 43.2 32.2 48.4

86 64.9 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.54

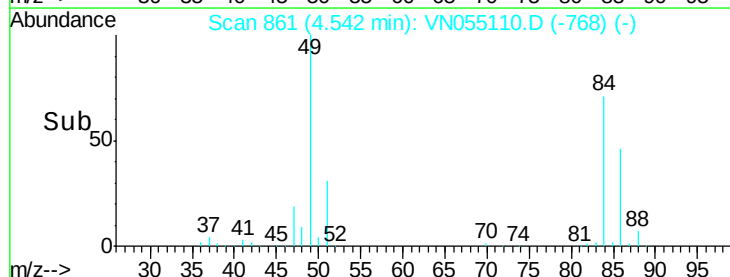
600000

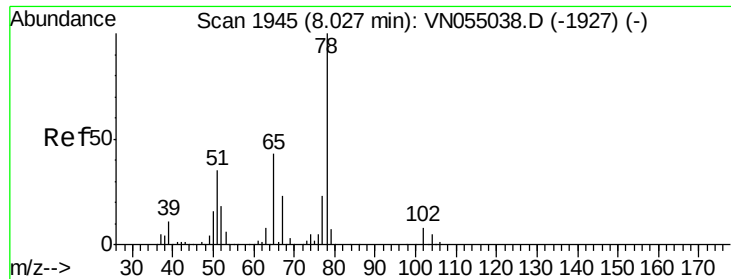
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200000

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Time-->

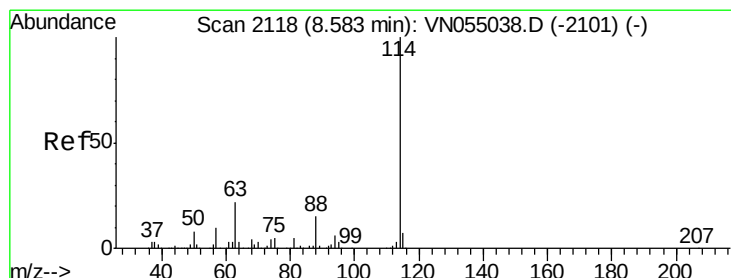
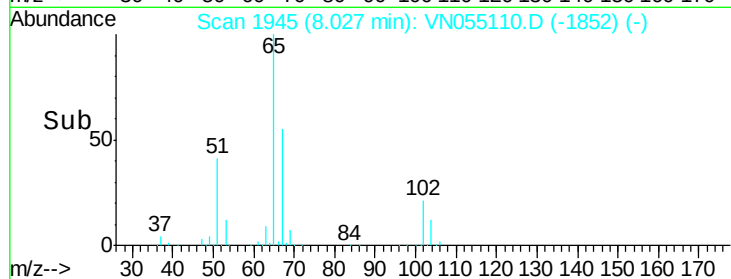
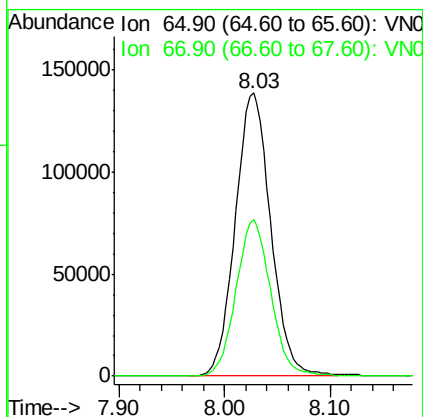
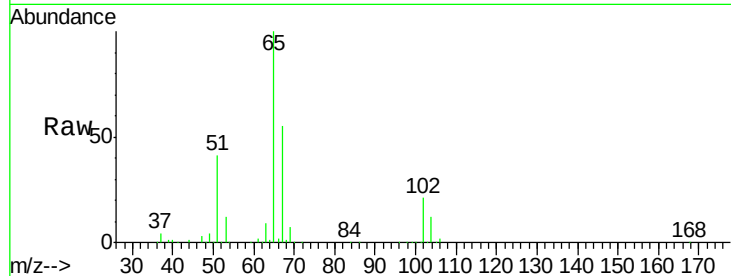




#33
 1,2-Dichloroethane-d4
 Concen: 48.067 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055110.D
 Acq: 17 Apr 2019 17:02

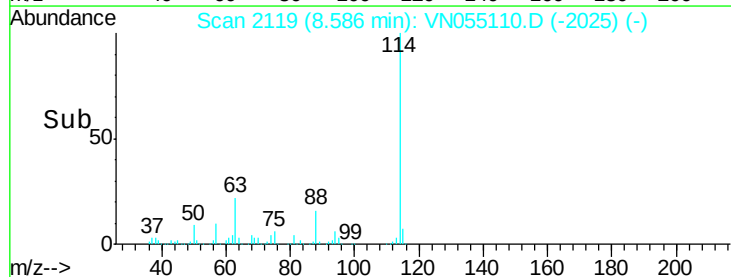
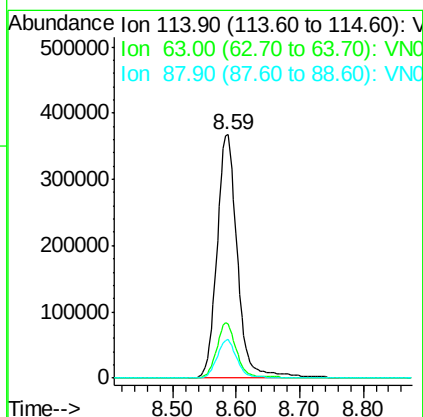
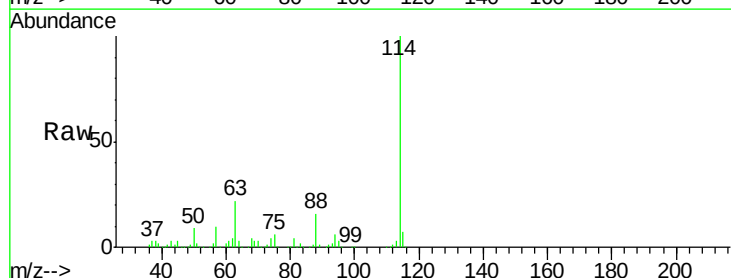
Instrument :
 MSVOA_N
 ClientSampled :
 RO-288

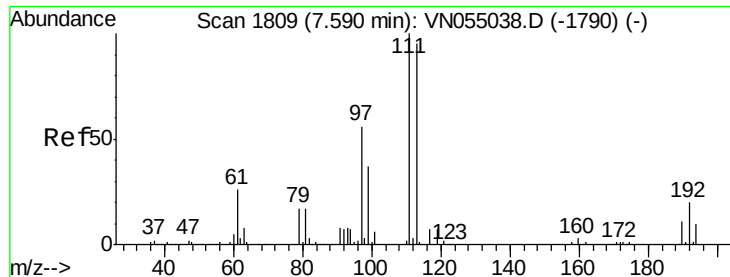
Tot Ion: 65 Resp: 324216
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055110.D
 Acq: 17 Apr 2019 17:02

Tgt Ion: 114 Resp: 820604
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.9 0.0 31.8

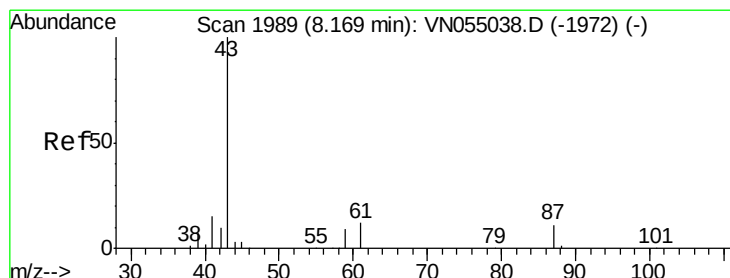
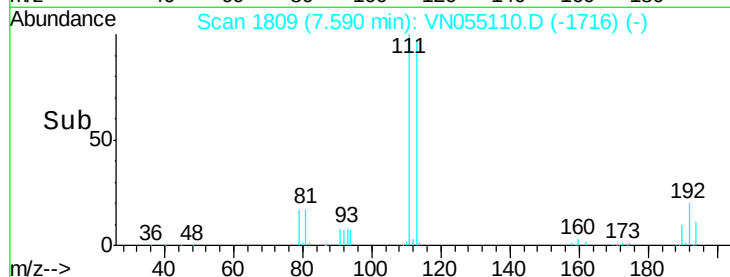
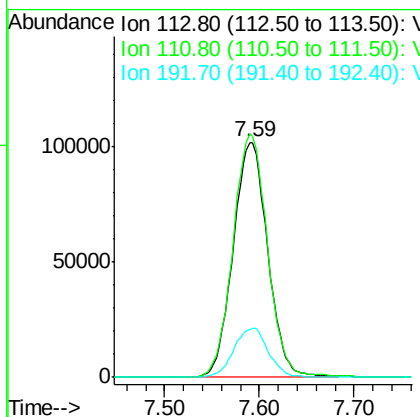
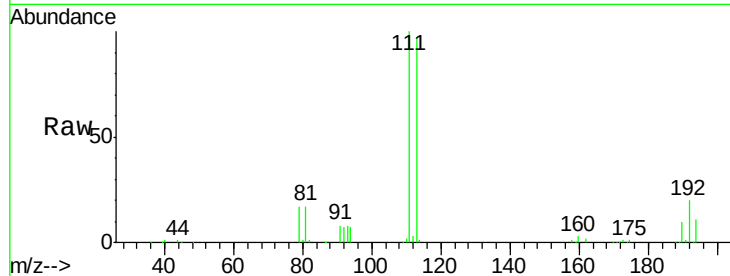




#35
 Dibromofluoromethane
 Concen: 47.305 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055110.D
 Acq: 17 Apr 2019 17:02

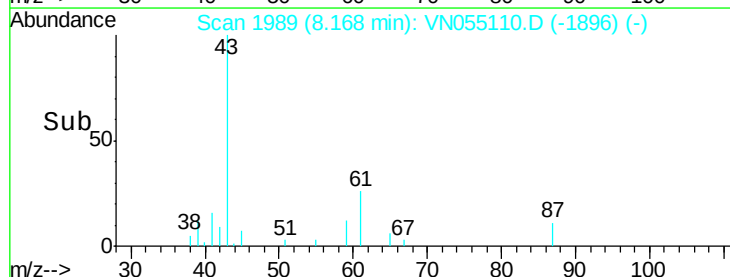
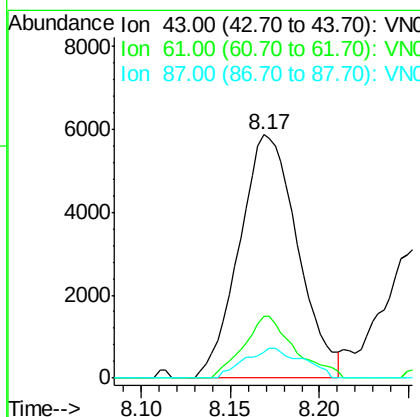
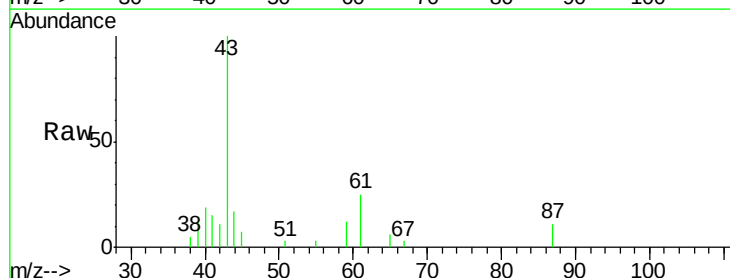
Instrument :
 MSVOA_N
 ClientSampled :
 RO-288

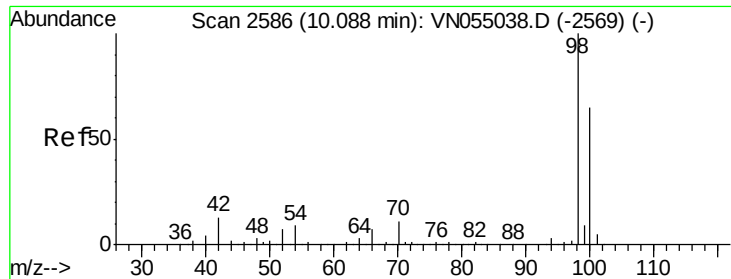
Tot Ion:113 Resp: 259426
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.1 123.1
 192 21.0 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.379 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN055110.D
 Acq: 17 Apr 2019 17:02

Tgt Ion: 43 Resp: 13382
 Ion Ratio Lower Upper
 43 100
 61 22.3 14.3 21.5#
 87 12.1 8.6 13.0

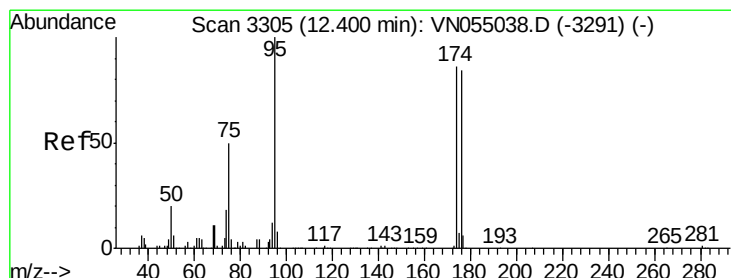
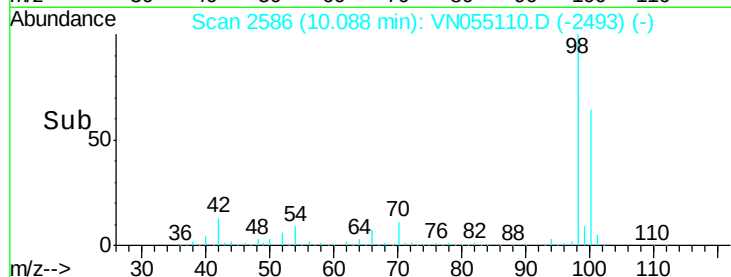
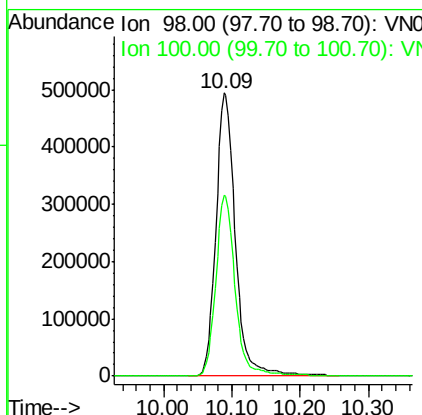
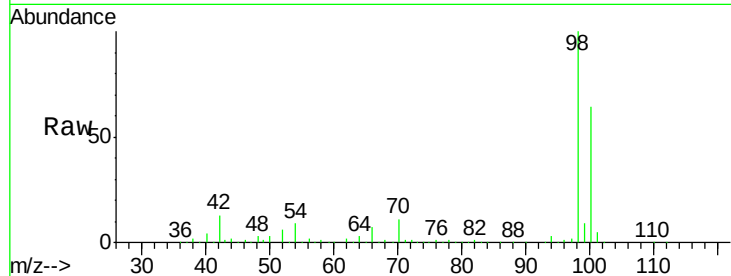




#50
Toluene-d8
Concen: 49.999 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055110.D
Acq: 17 Apr 2019 17:02

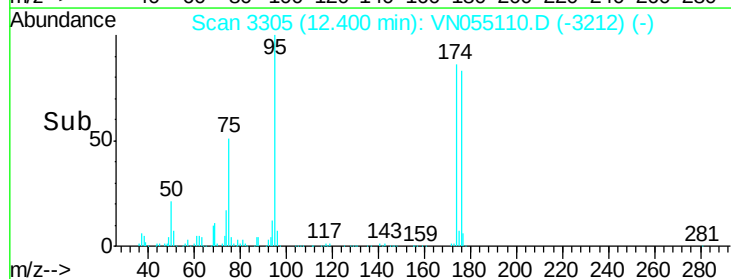
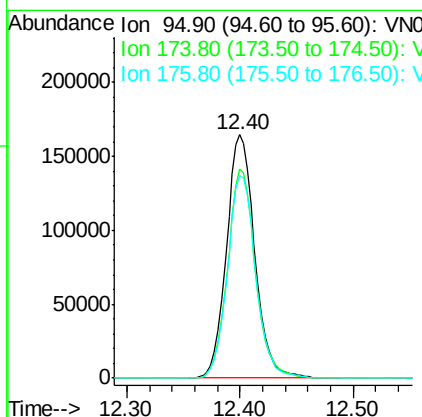
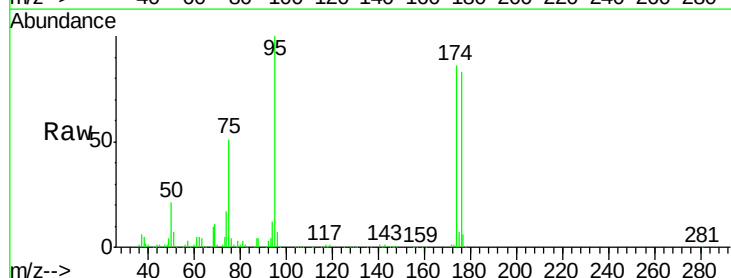
Instrument :
MSVOA_N
ClientSampled :
RO-288

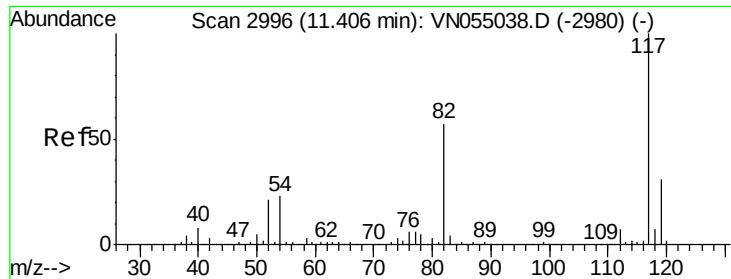
Tot Ion: 98 Resp: 981388
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.701 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055110.D
Acq: 17 Apr 2019 17:02

Tgt Ion: 95 Resp: 285239
Ion Ratio Lower Upper
95 100
174 84.9 0.0 174.4
176 83.6 0.0 166.8

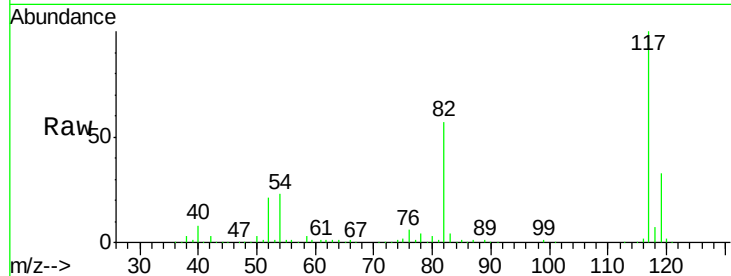




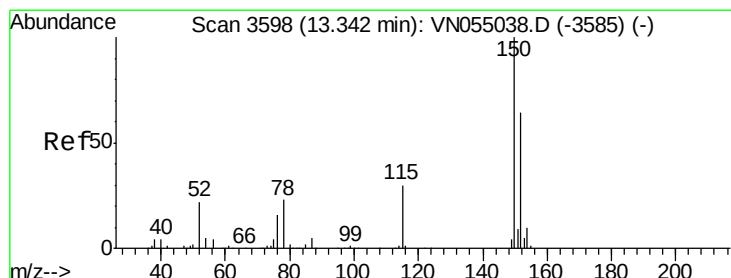
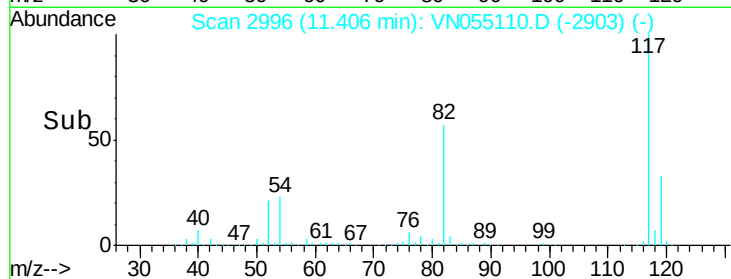
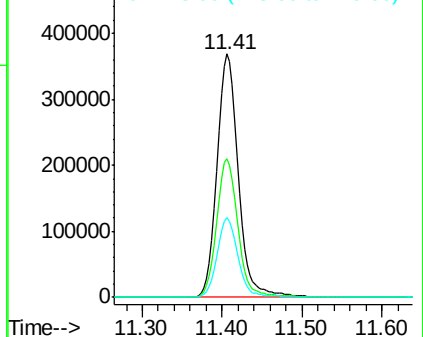
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055110.D
Acq: 17 Apr 2019 17:02

Instrument :
MSVOA_N
ClientSampleId :
RO-288

Tot Ion:117 Resp: 685793
Ion Ratio Lower Upper
117 100
82 56.9 44.6 66.8
119 32.5 25.5 38.3

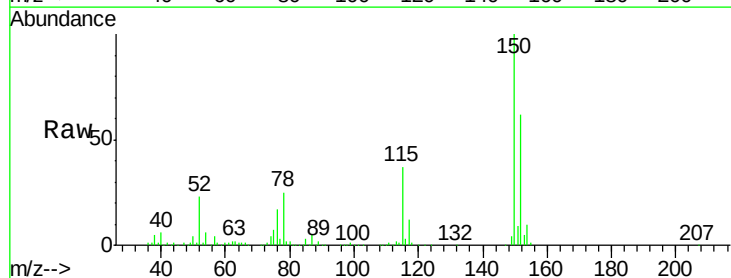


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055110.D
Acq: 17 Apr 2019 17:02

Tgt Ion:152 Resp: 224379
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.6
150 157.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

