

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055009.D
 Acq On : 12 Apr 2019 19:45
 Operator : JC/SP
 Sample : K2376-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-S

Quant Time: Apr 13 04:12:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

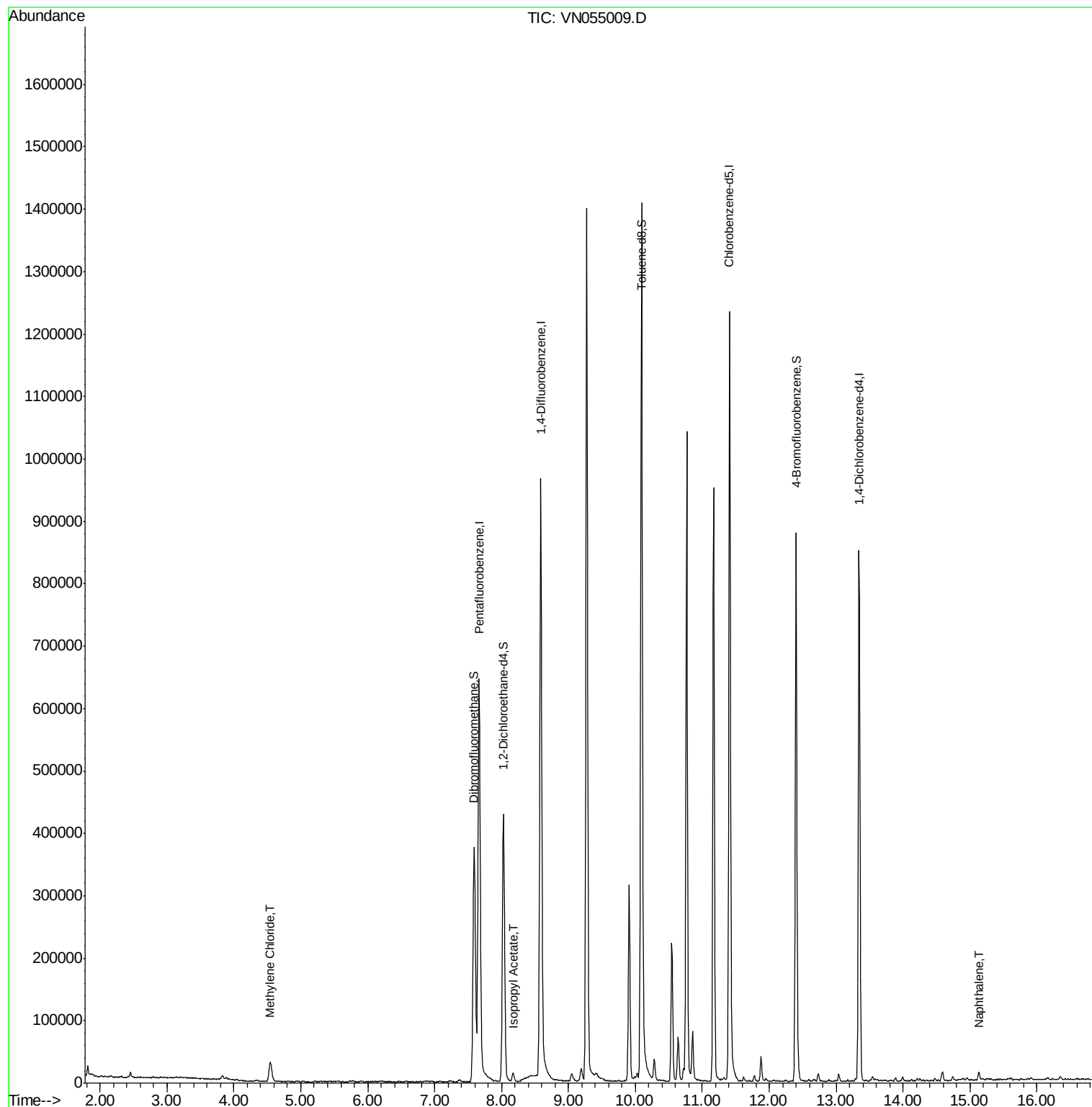
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	549884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	359999	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	286457	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.09	98	1046326	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	303648	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
20) Methylene Chloride	4.55	84	21119	1.978	ug/l #	90
43) Isopropyl Acetate	8.17	43	16253	1.541	ug/l	97
95) Naphthalene	15.14	128	11704	5.861	ug/l	96

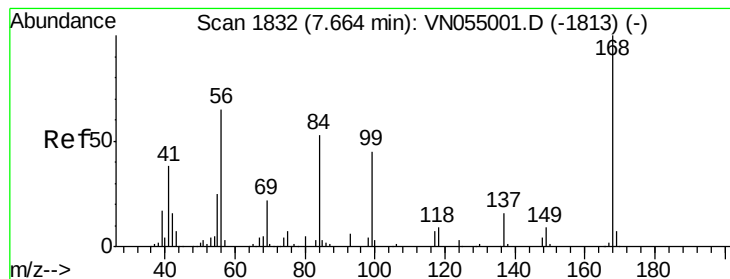
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

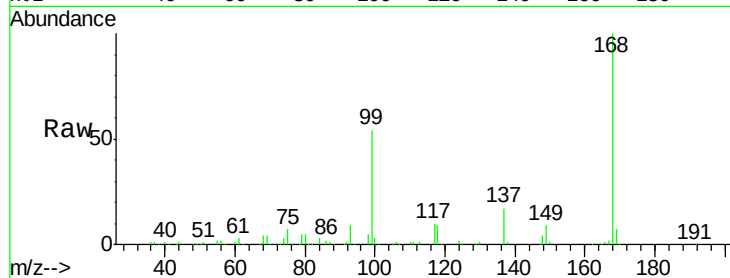
TP-4-S

Tot Ion:168 Resp: 549884

Ion Ratio Lower Upper

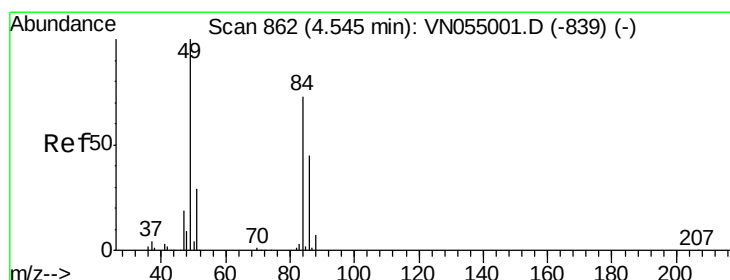
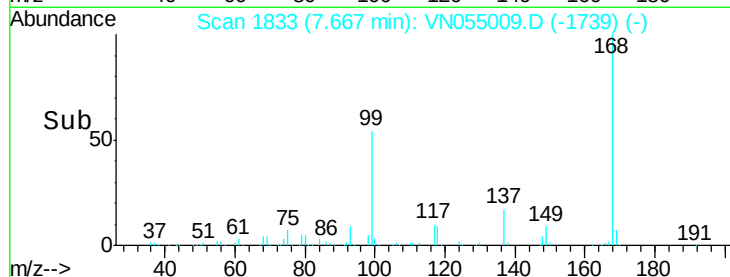
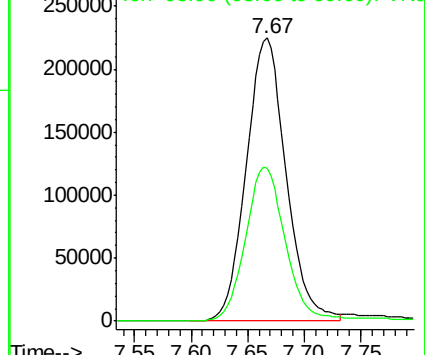
168 100

99 54.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.978 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Tgt Ion: 84 Resp: 21119

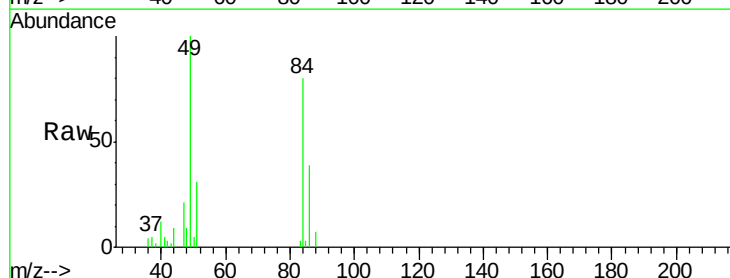
Ion Ratio Lower Upper

84 100

49 125.1 109.4 164.2

51 38.8 32.2 48.4

86 49.0 49.3 73.9#

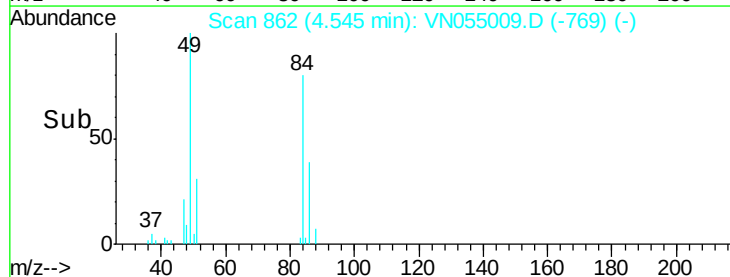
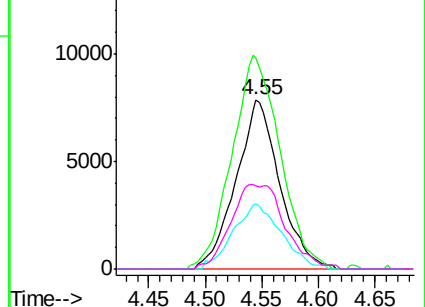


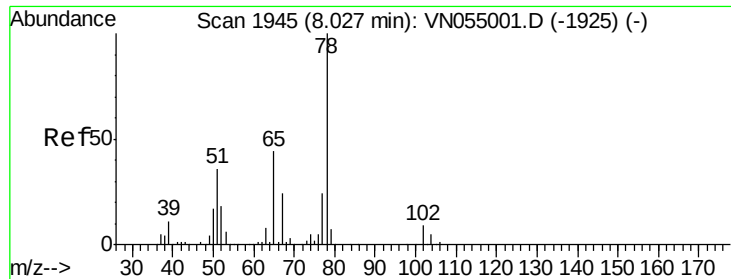
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

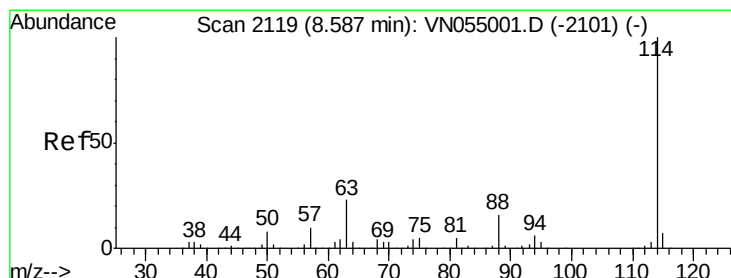
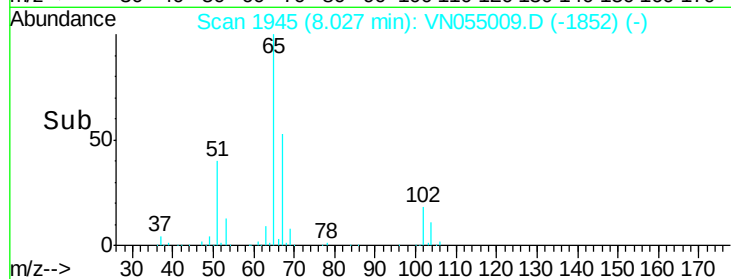
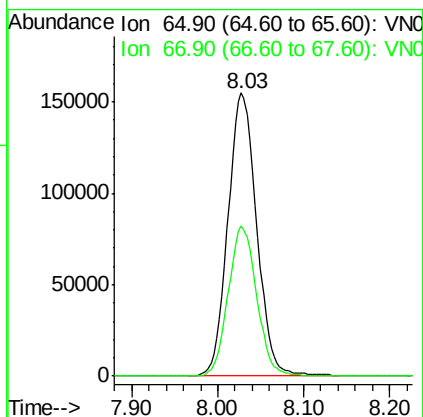
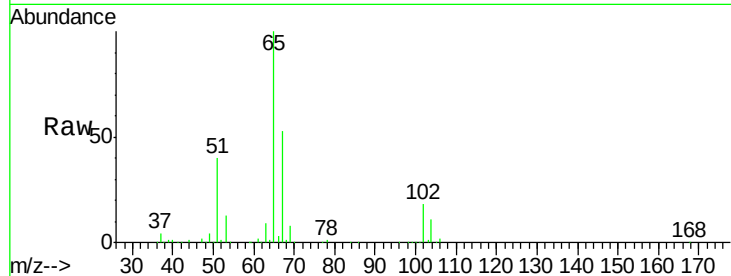




#33
 1,2-Dichloroethane-d4
 Concen: 52.168 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

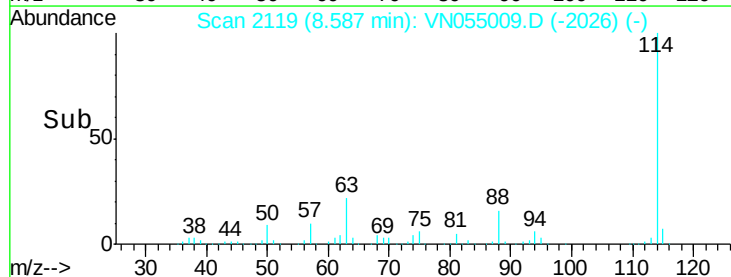
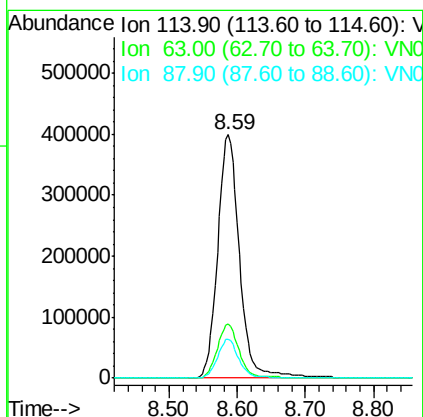
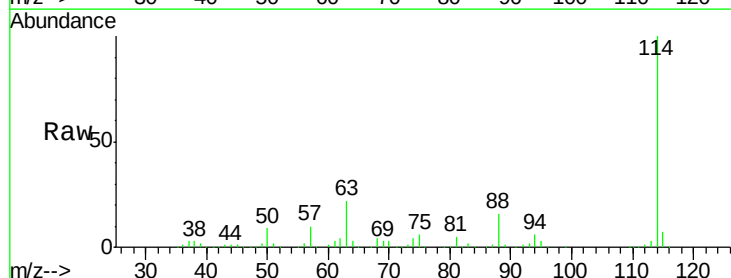
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-S

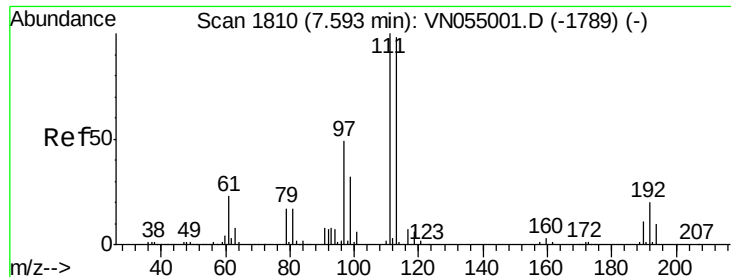
Tot Ion: 65 Resp: 359999
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Tgt Ion: 114 Resp: 888763
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 16.1 0.0 31.8

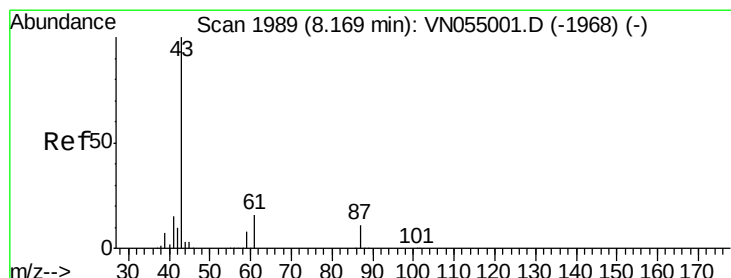
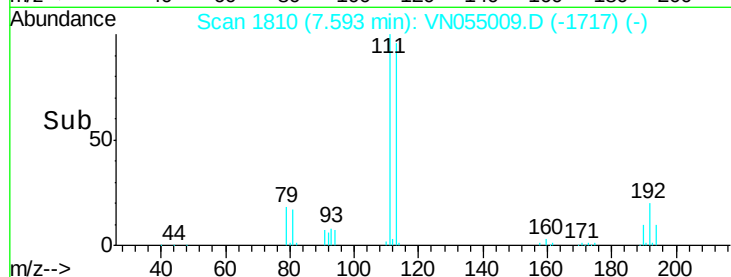
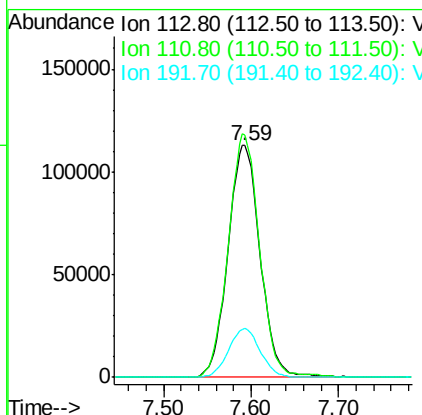
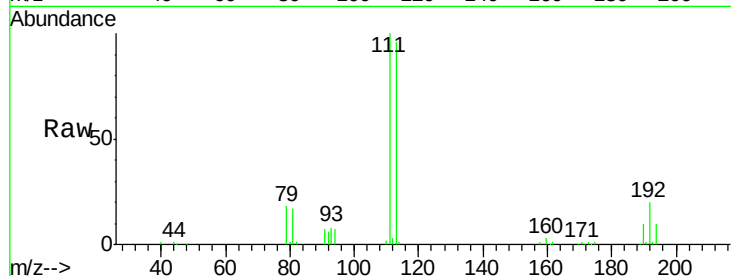




#35
 Dibromofluoromethane
 Concen: 50.561 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

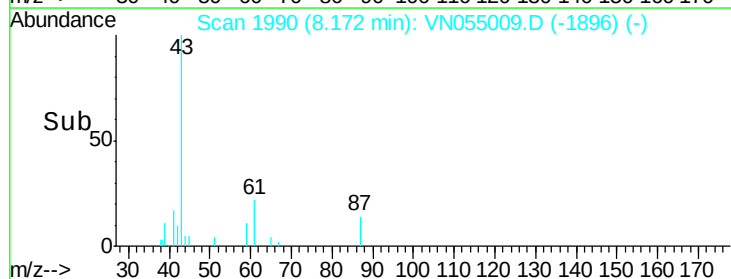
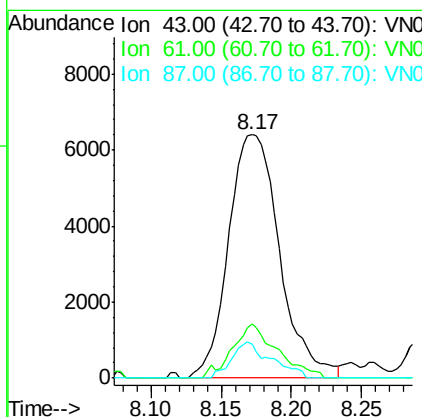
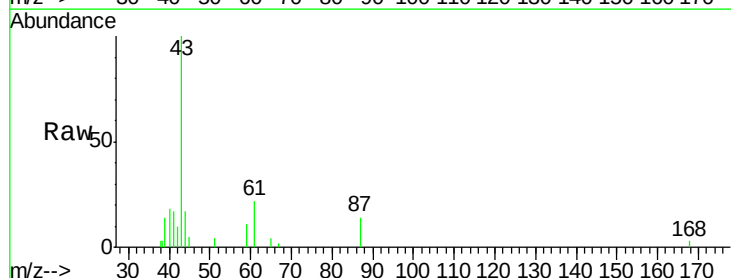
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4-S

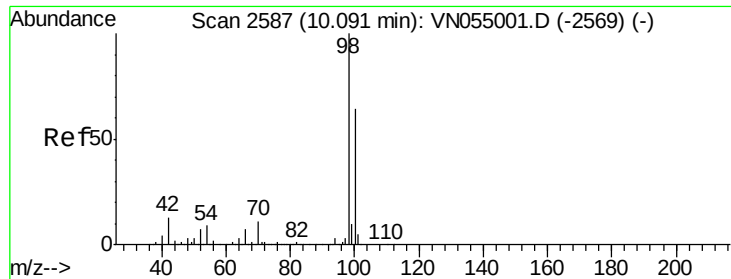
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	21.0	16.5	24.7



#43
 Isopropyl Acetate
 Concen: 1.541 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.3	21.5
87	11.5	8.6	13.0





#50

Toluene-d8

Concen: 50.282 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

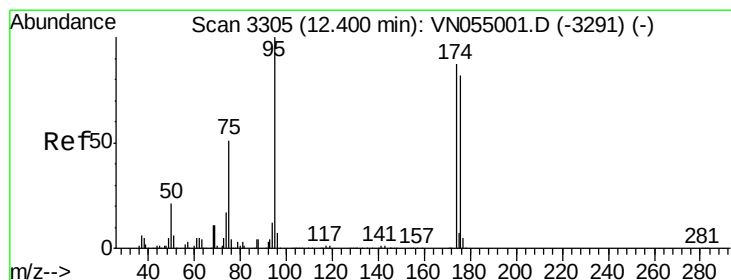
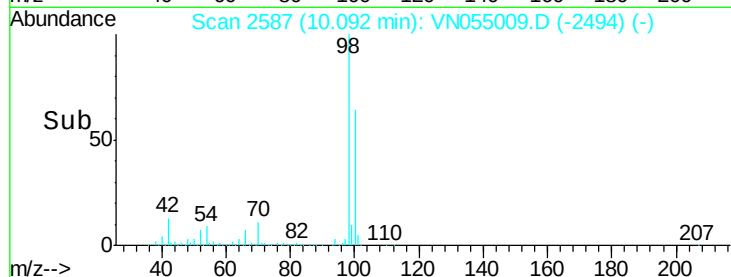
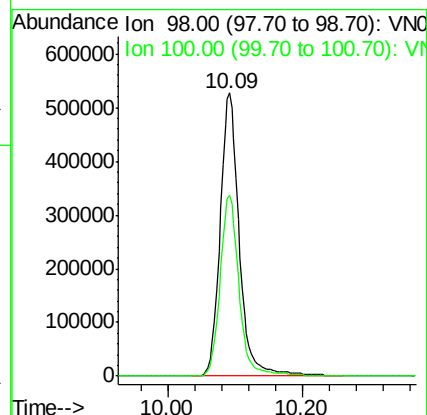
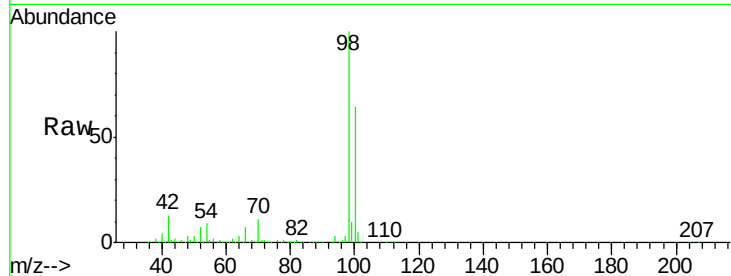
TP-4-S

Tot Ion: 98 Resp: 1046326

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.320 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

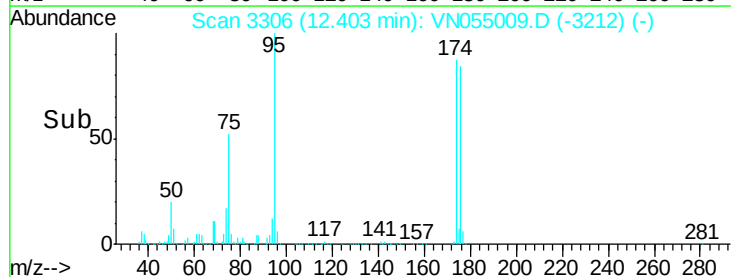
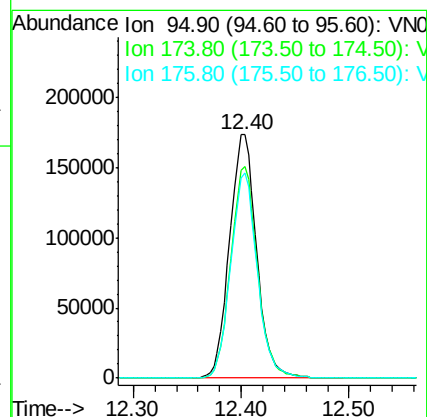
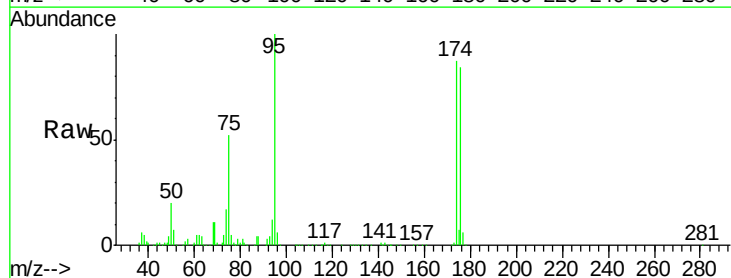
Tgt Ion: 95 Resp: 303648

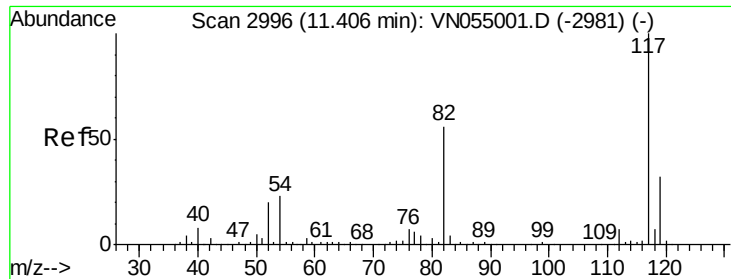
Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.4

176 82.6 0.0 166.8

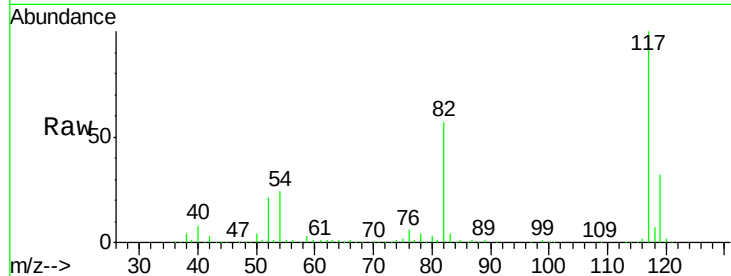




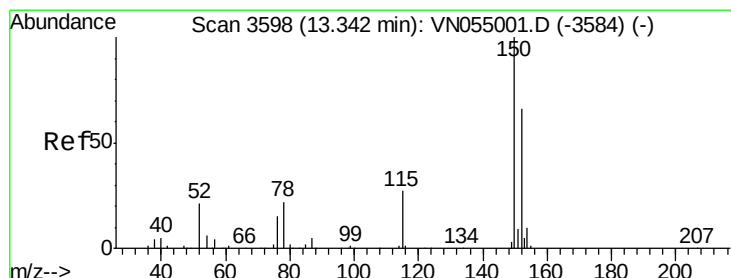
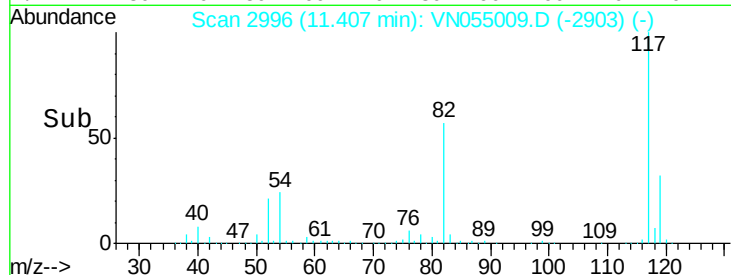
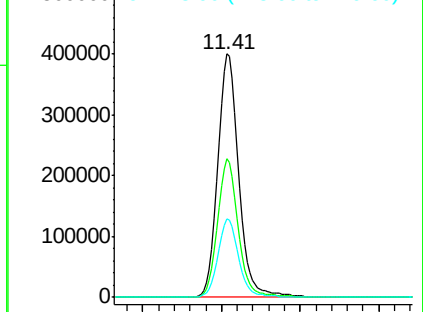
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055009.D
Acq: 12 Apr 2019 19:45

Instrument :
MSVOA_N
ClientSampled :
TP-4-S

Tot Ion:117 Resp: 735045
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 32.3 25.5 38.3

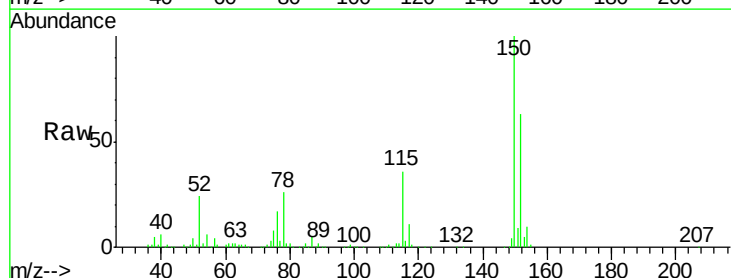


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

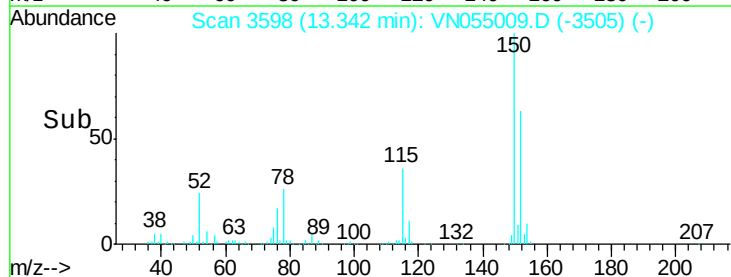
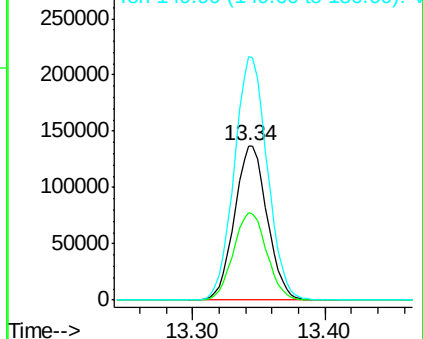


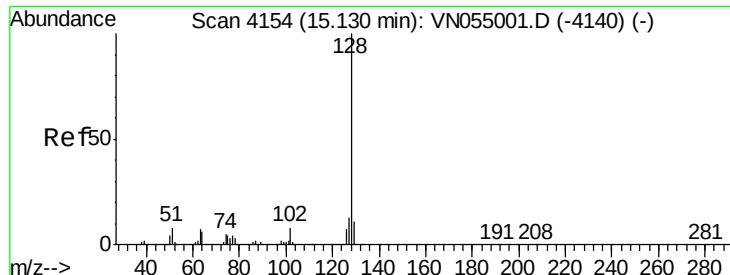
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055009.D
Acq: 12 Apr 2019 19:45

Tgt Ion:152 Resp: 234136
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.6
150 159.8 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





#95

Naphthalene

Concen: 5.861 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

TP-4-S

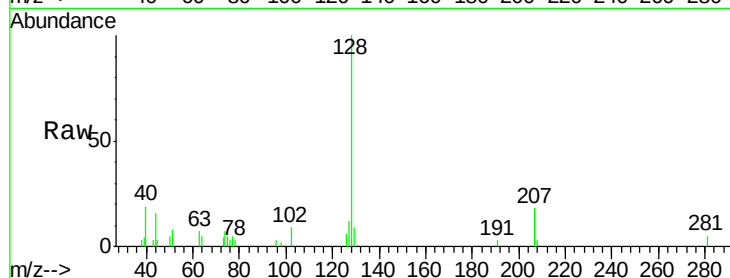
Tot Ion:128 Resp: 11704

Ion Ratio Lower Upper

128 100

127 11.1 10.1 15.1

129 9.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

