

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054953.D
 Acq On : 4 Apr 2019 17:45
 Operator : JC/SP
 Sample : K2245-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Quant Time: Apr 05 03:54:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

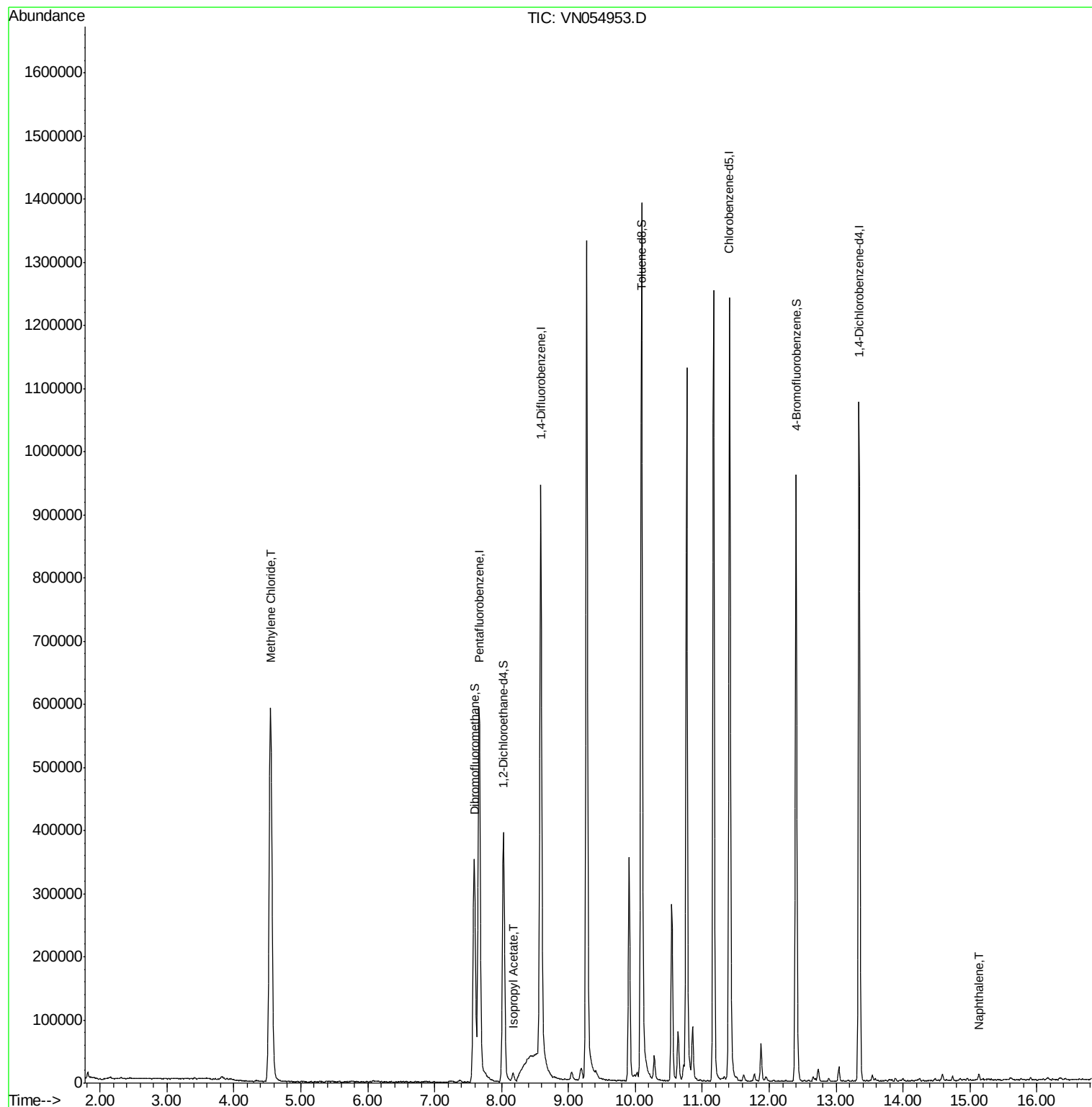
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	504735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	840829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	743610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	285435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	334623	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.59	113	266305	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	10.09	98	1026790	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	331946	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
Target Compounds						
20) Methylene Chloride	4.55	84	420418	68.069	ug/l	99
43) Isopropyl Acetate	8.18	43	16635	1.726	ug/l #	93
95) Naphthalene	15.13	128	8665	3.624	ug/l #	93

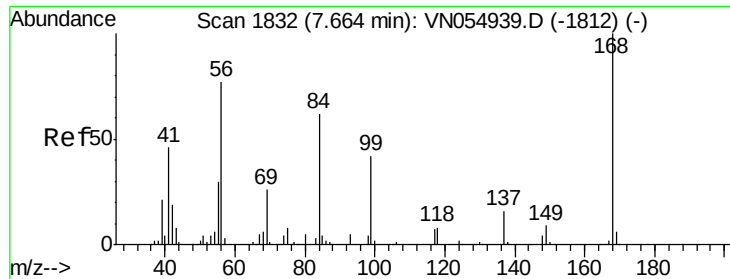
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054953.D

Acq: 4 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

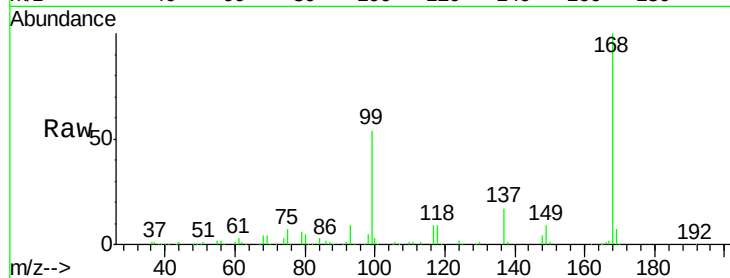
TP-1D

Tgt Ion:168 Resp: 504735

Ion Ratio Lower Upper

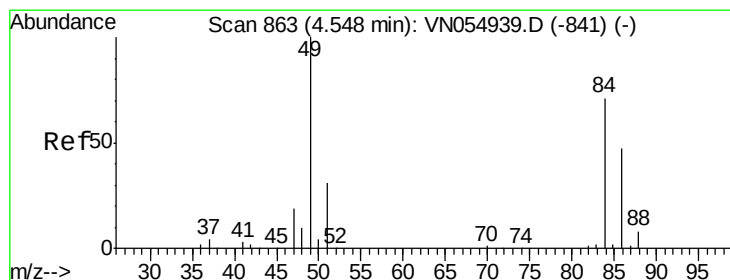
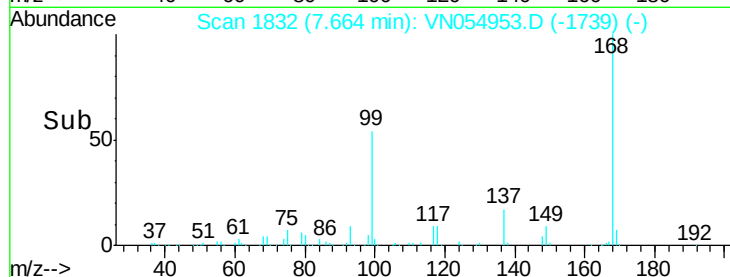
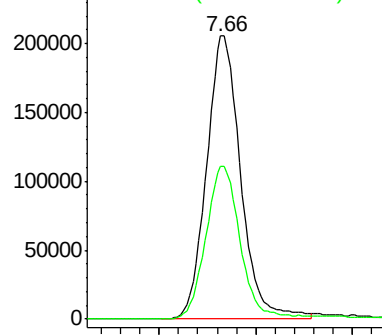
168 100

99 54.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 68.069 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054953.D

Acq: 4 Apr 2019 17:45

Tgt Ion: 84 Resp: 420418

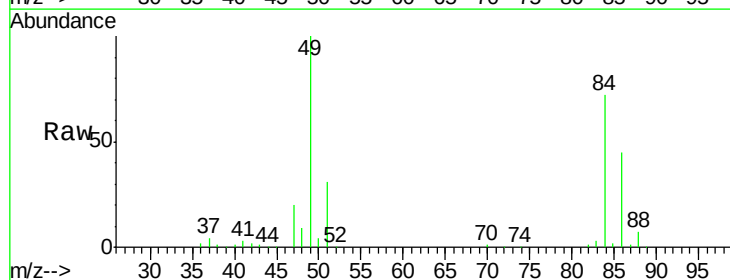
Ion Ratio Lower Upper

84 100

49 139.0 112.1 168.1

51 42.9 34.5 51.7

86 62.6 52.2 78.4

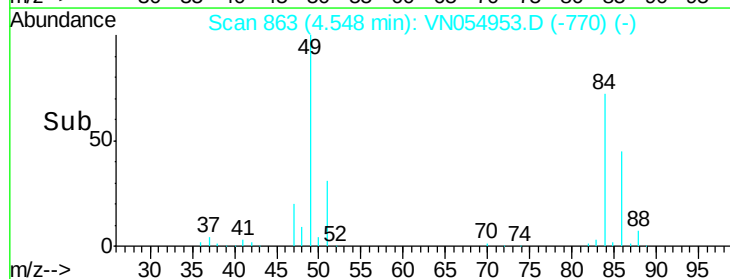
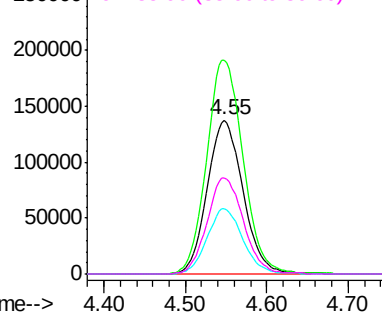


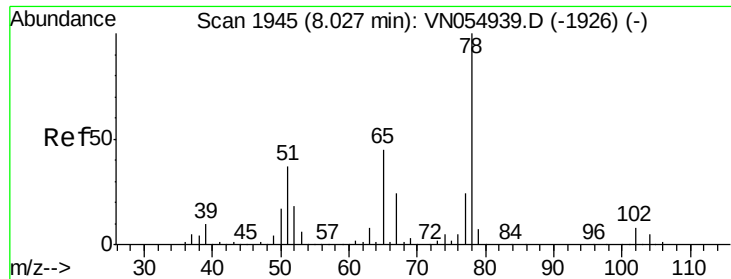
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

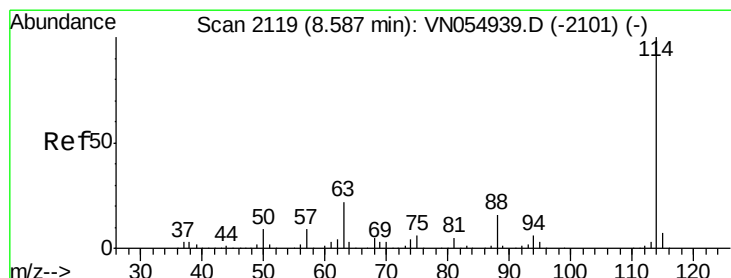
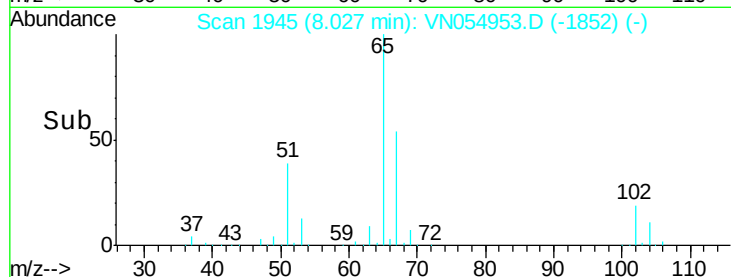
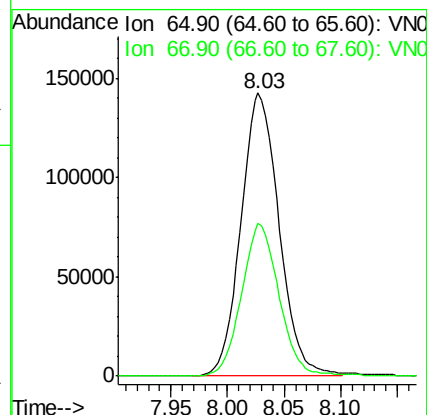
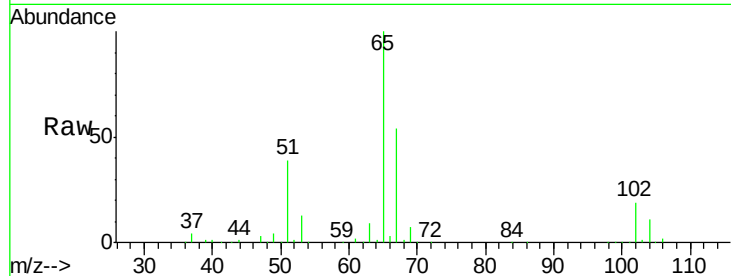




#33
 1,2-Dichloroethane-d4
 Concen: 50.283 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054953.D
 Acq: 4 Apr 2019 17:45

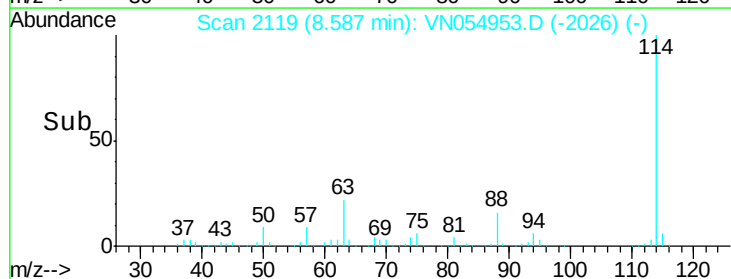
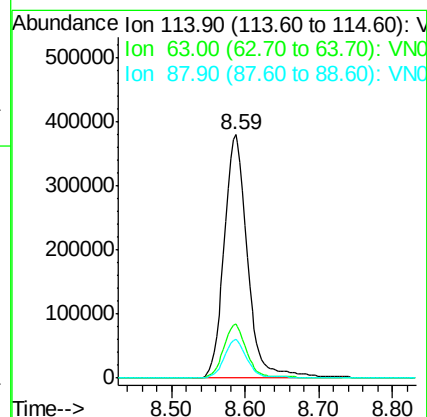
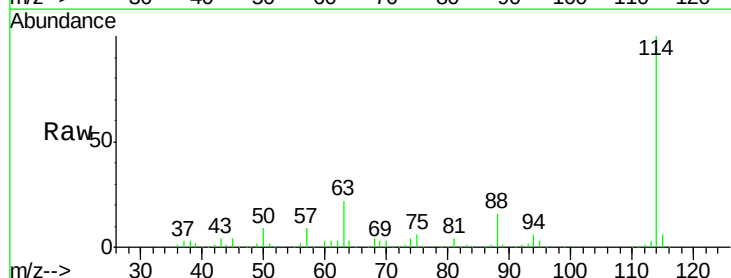
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

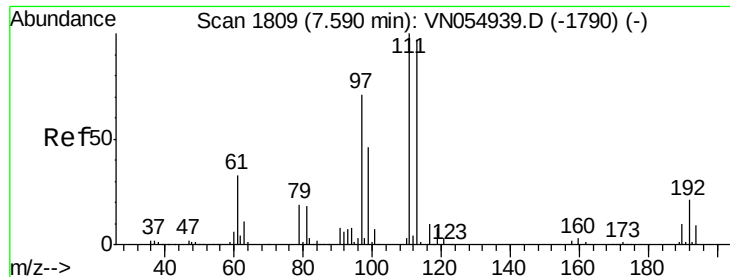
Tgt Ion: 65 Resp: 334623
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054953.D
 Acq: 4 Apr 2019 17:45

Tgt Ion: 114 Resp: 840829
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 16.0 0.0 32.0

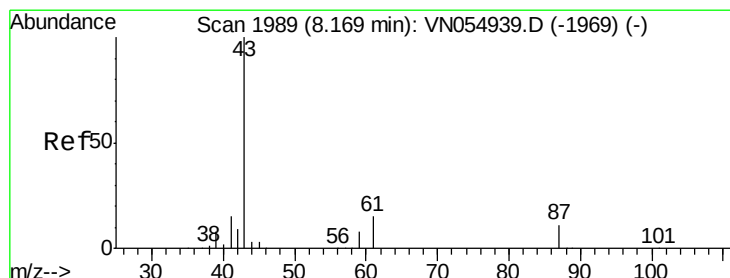
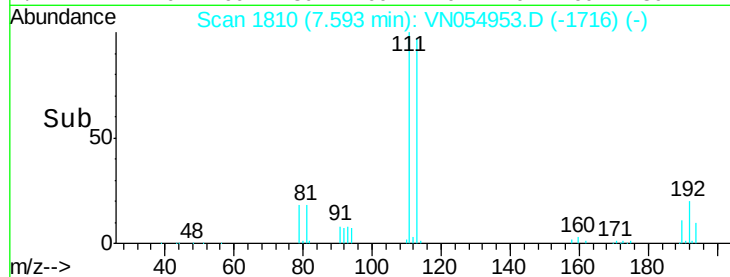
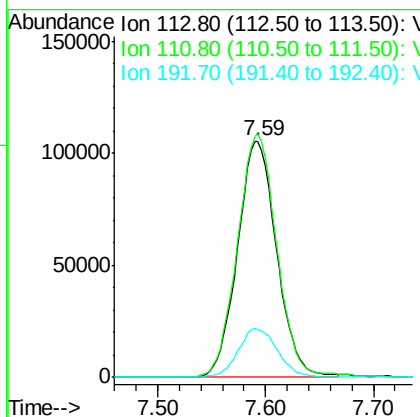
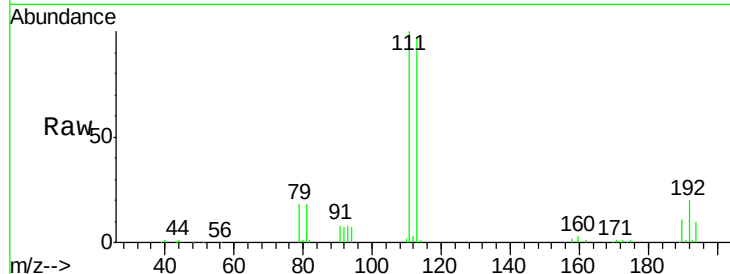




#35
 Dibromofluoromethane
 Concen: 48.654 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054953.D
 Acq: 4 Apr 2019 17:45

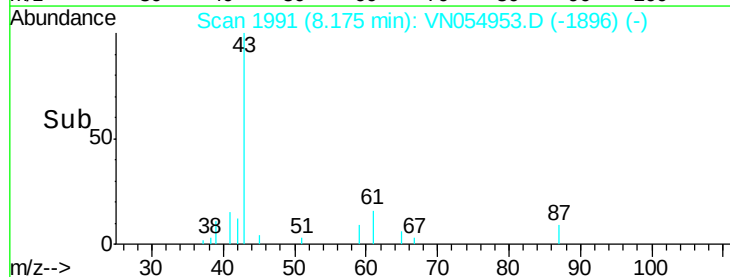
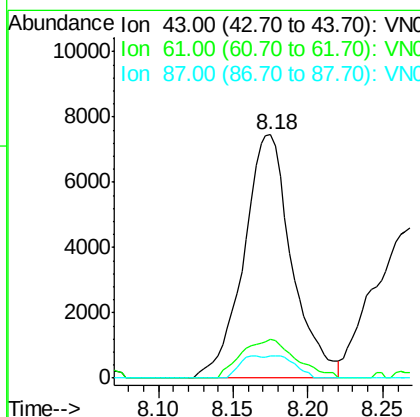
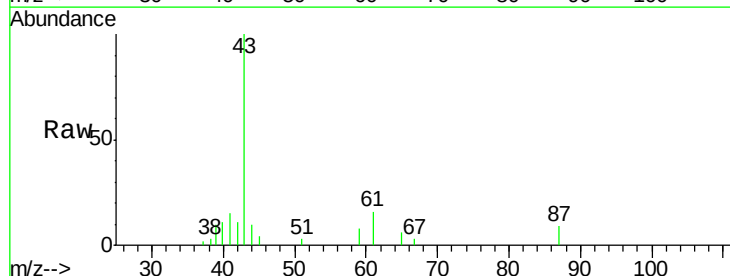
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1D

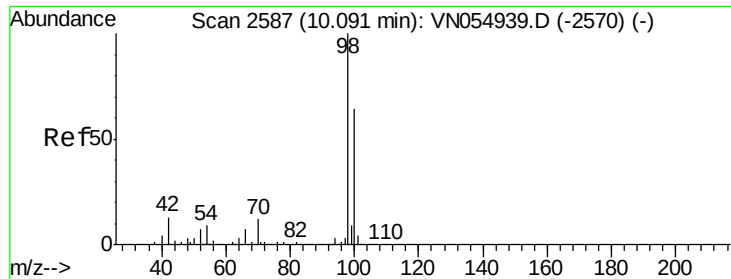
Tgt Ion: 113 Resp: 266305
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.0 121.4
 192 20.8 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.726 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054953.D
 Acq: 4 Apr 2019 17:45

Tgt Ion: 43 Resp: 16635
 Ion Ratio Lower Upper
 43 100
 61 17.9 14.4 21.6
 87 4.3 9.0 13.4#





#50

Toluene-d8

Concen: 49.440 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054953.D

Acq: 4 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

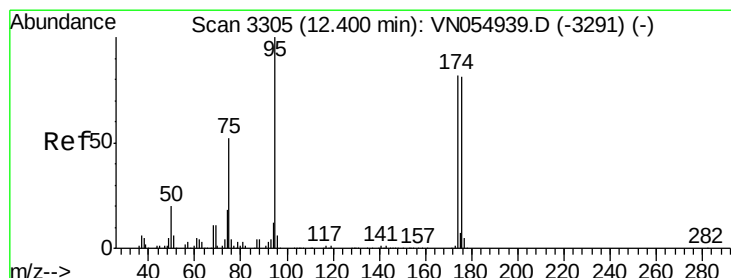
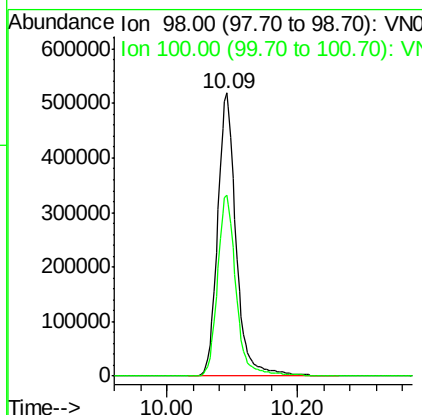
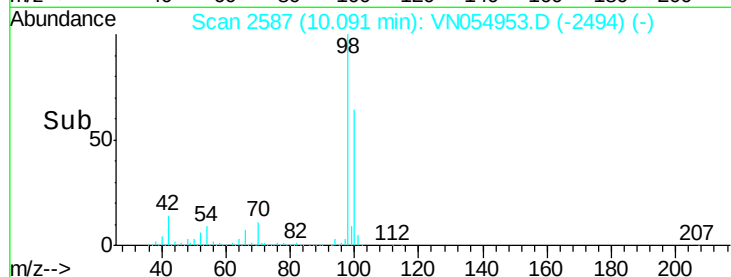
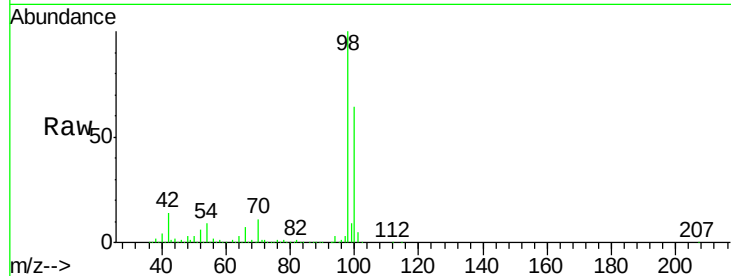
TP-1D

Tgt Ion: 98 Resp: 1026790

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.894 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054953.D

Acq: 4 Apr 2019 17:45

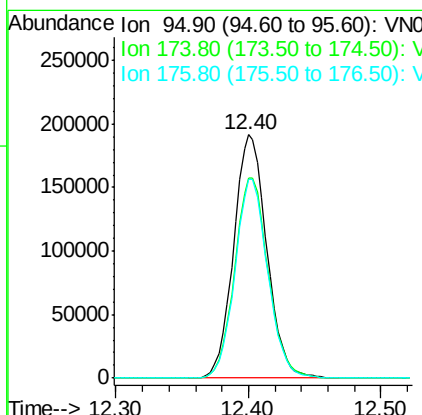
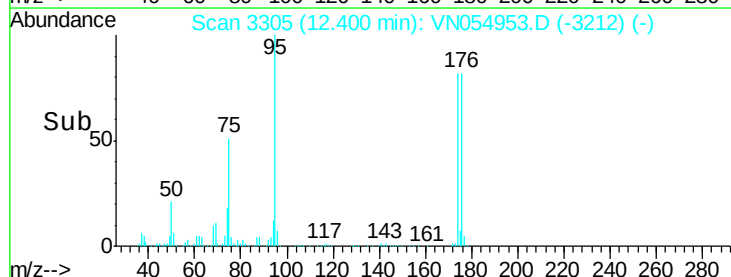
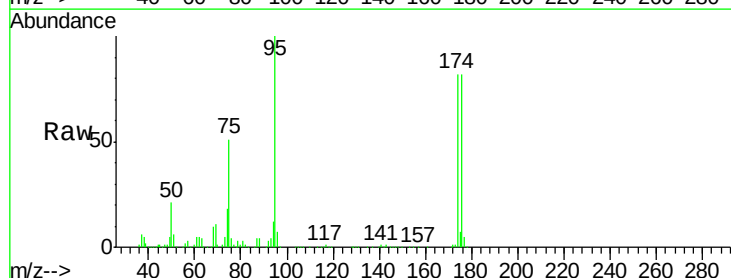
Tgt Ion: 95 Resp: 331946

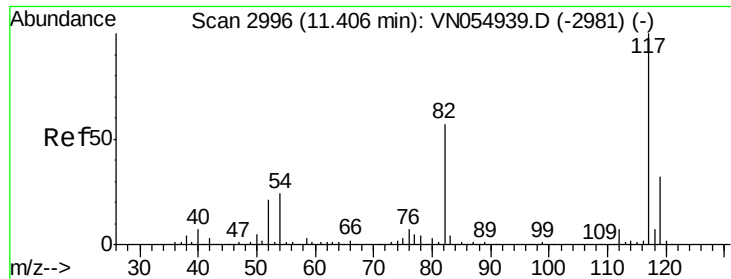
Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.2

176 81.0 0.0 163.2

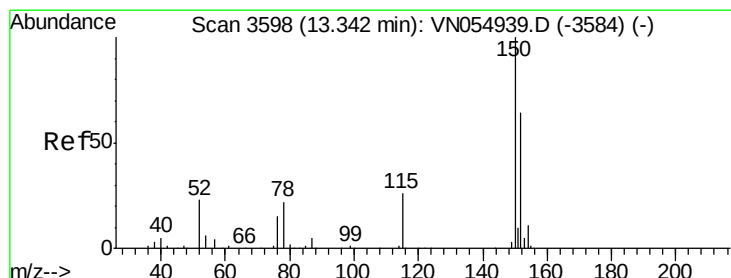
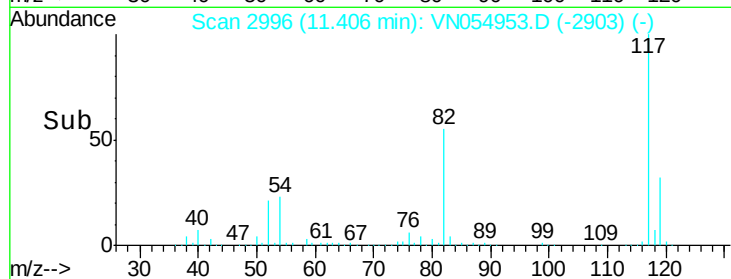
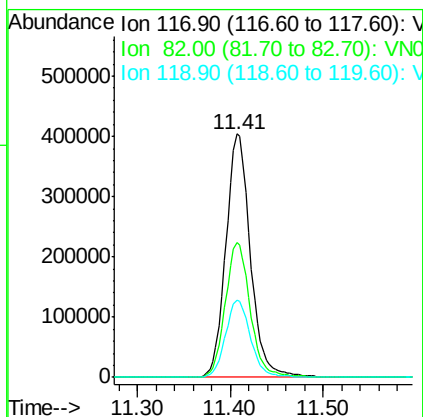
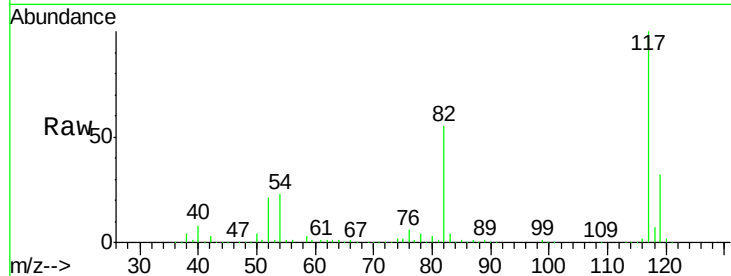




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054953.D
Acq: 4 Apr 2019 17:45

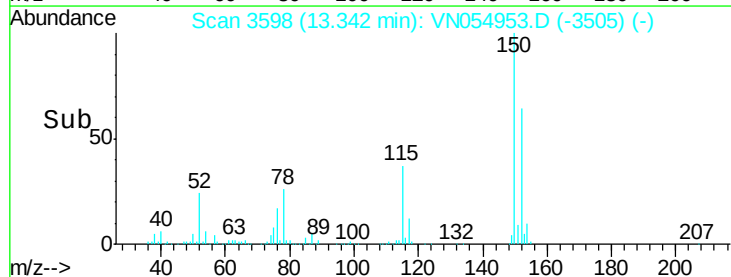
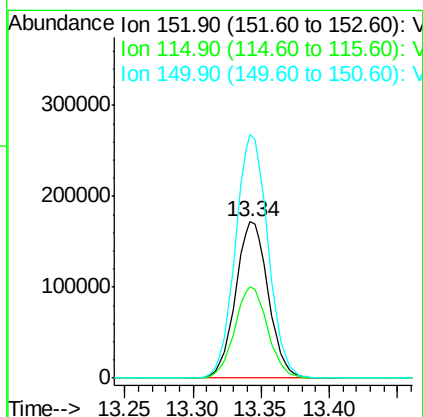
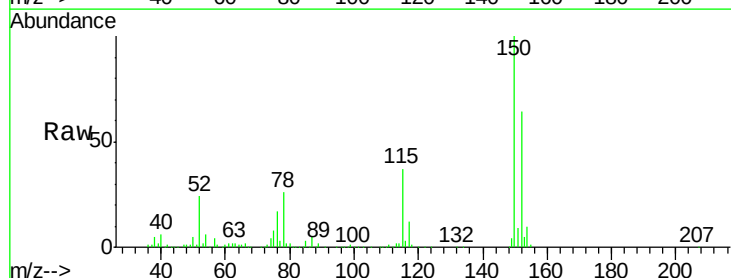
Instrument :
MSVOA_N
ClientSampled :
TP-1D

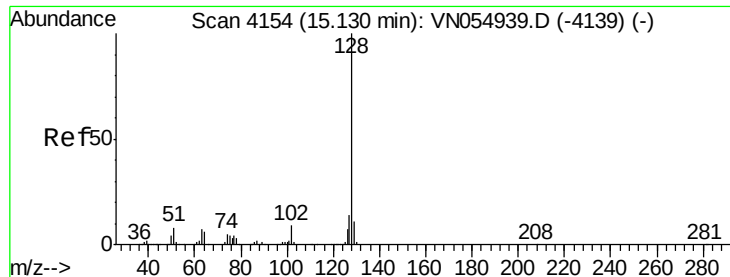
Tgt Ion:117 Resp: 743610
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054953.D
Acq: 4 Apr 2019 17:45

Tgt Ion:152 Resp: 285435
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 155.9 0.0 345.4





#95

Naphthalene

Concen: 3.624 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054953.D

Acq: 4 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

TP-1D

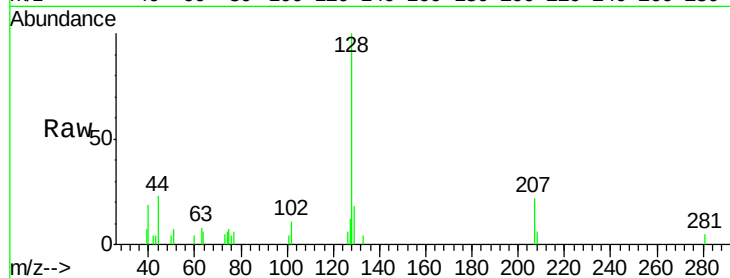
Tgt Ion:128 Resp: 8665

Ion Ratio Lower Upper

128 100

127 8.3 10.6 16.0#

129 10.9 8.6 13.0



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

