

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060915.D
 Acq On : 13 Apr 2020 22:05
 Operator : JC/MD
 Sample : PB128161
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128161

Quant Time: Apr 14 07:54:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

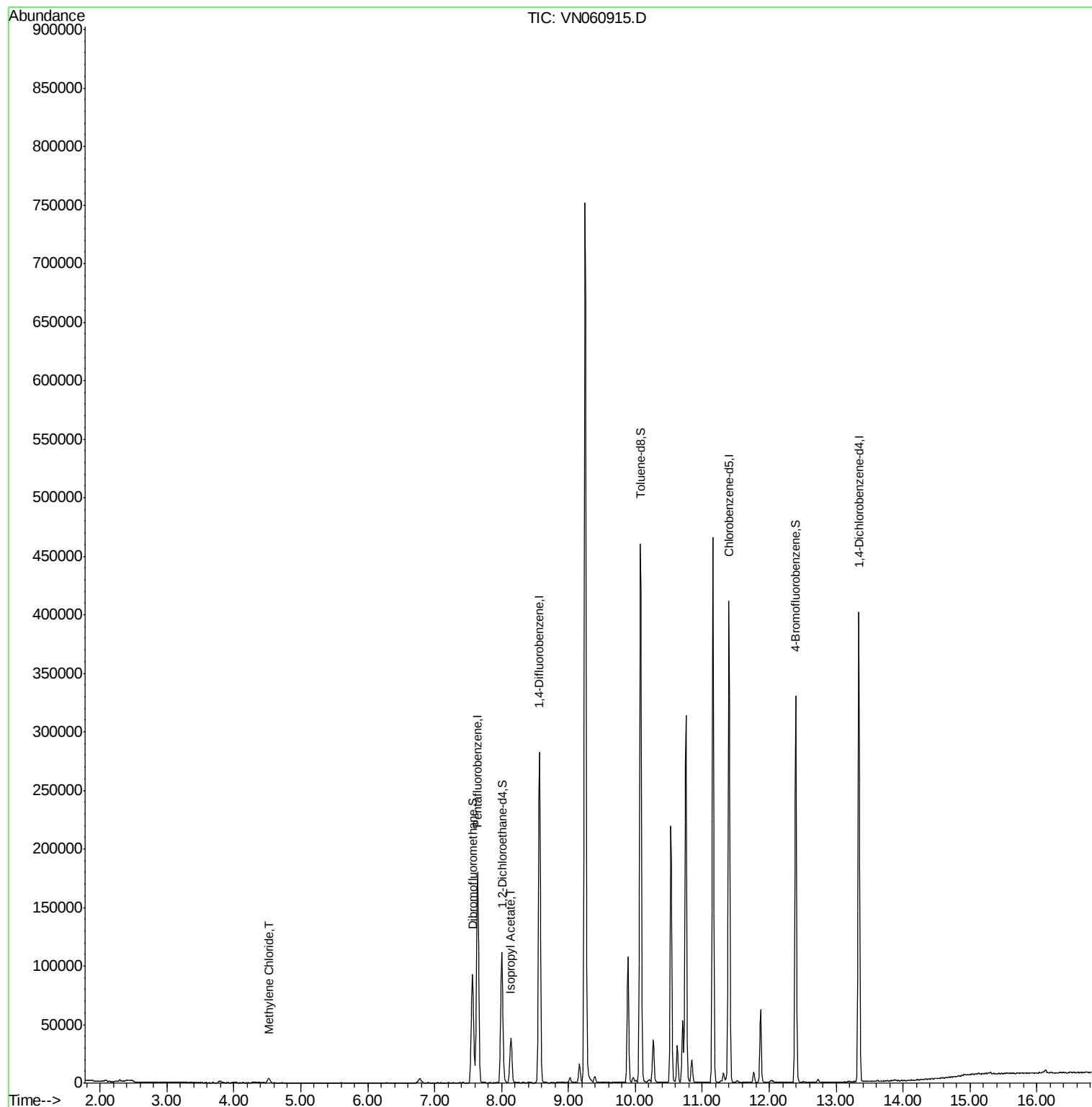
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	145463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	248821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	231934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95384	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.56	113	73216	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.08	98	308675	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.40	95	116276	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
Target Compounds						
20) Methylene Chloride	4.53	84	2768	1.591	ug/l	93
43) Isopropyl Acetate	8.14	43	46503	10.831	ug/l #	91

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060915.D

Acq: 13 Apr 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

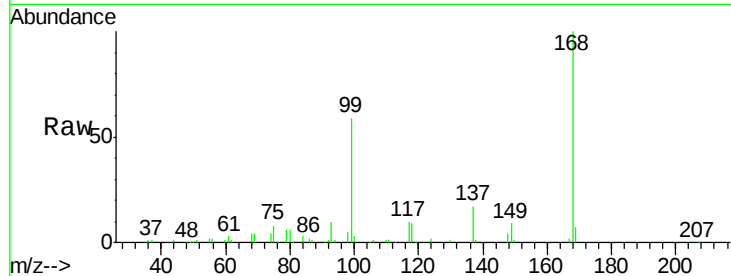
PB128161

Tot Ion:168 Resp: 145463

Ion Ratio Lower Upper

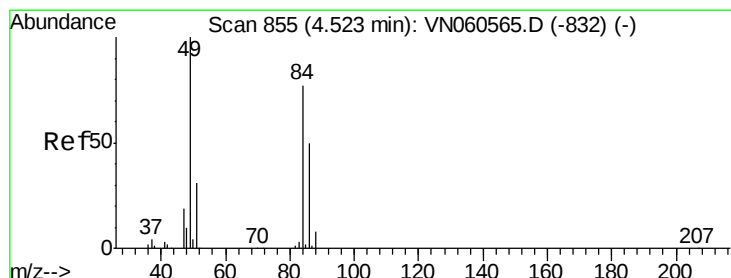
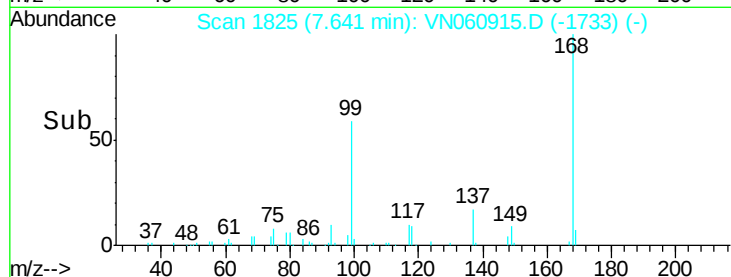
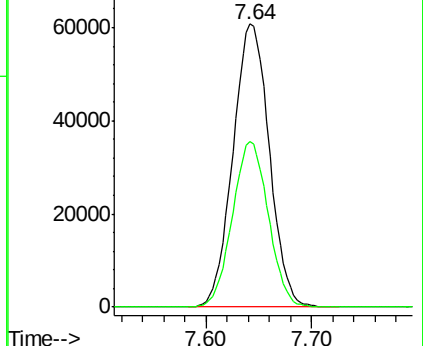
168 100

99 58.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.591 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060915.D

Acq: 13 Apr 2020 22:05

Tgt Ion: 84 Resp: 2768

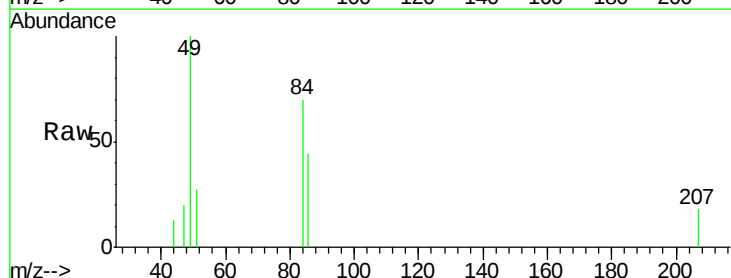
Ion Ratio Lower Upper

84 100

49 141.9 103.3 154.9

51 39.0 31.6 47.4

86 62.6 52.0 78.0

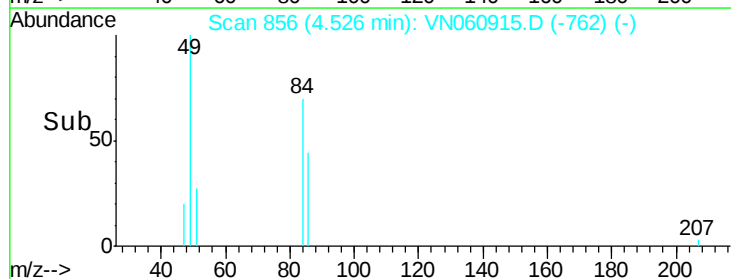
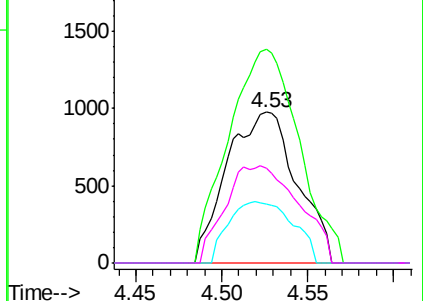


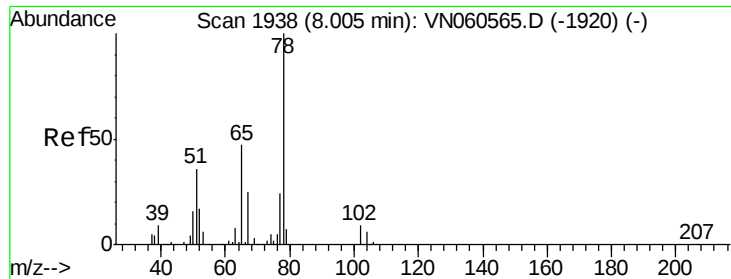
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

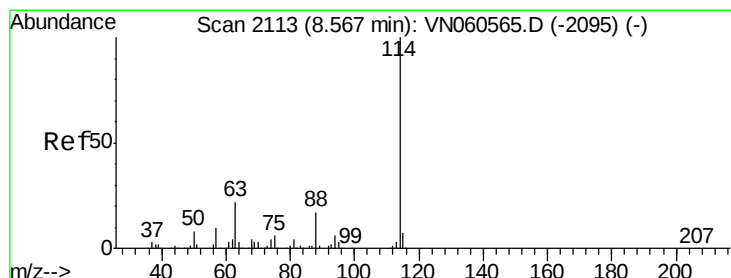
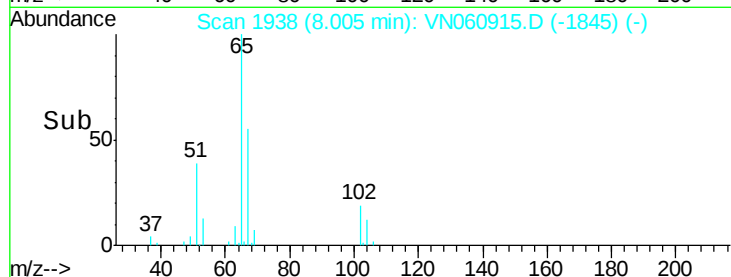
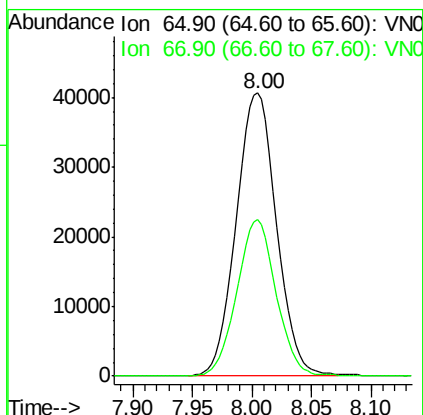
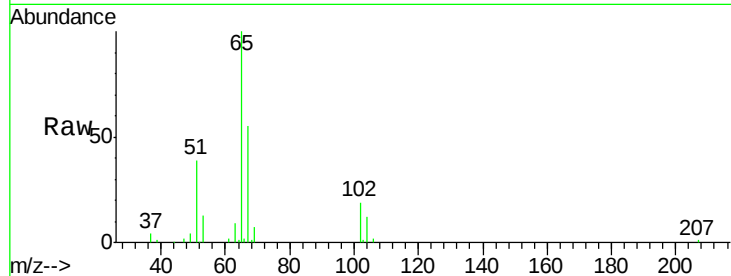




#33
 1,2-Dichloroethane-d4
 Concen: 47.767 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060915.D
 Acq: 13 Apr 2020 22:05

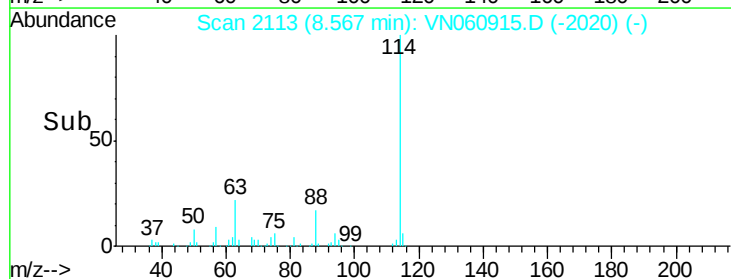
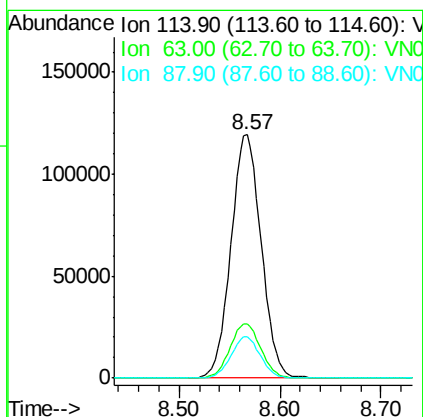
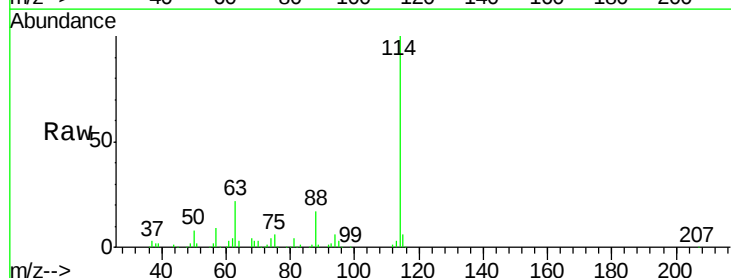
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128161

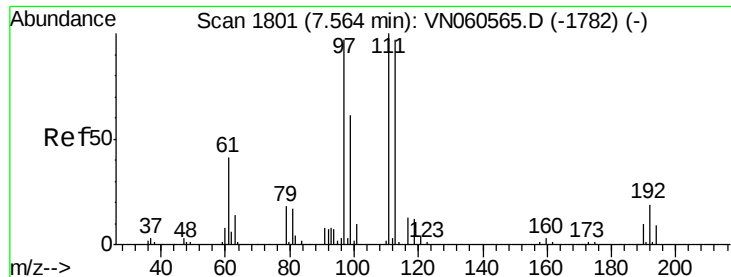
Tot Ion: 65 Resp: 95384
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060915.D
 Acq: 13 Apr 2020 22:05

Tgt Ion: 114 Resp: 248821
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.9 0.0 33.0

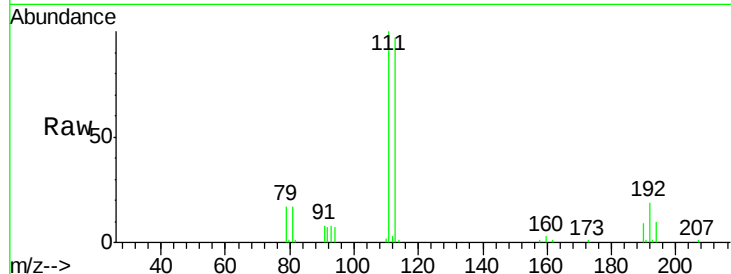




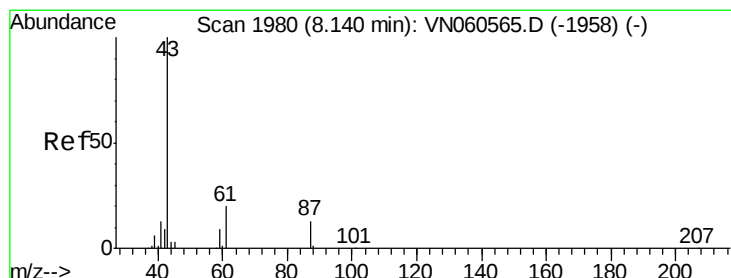
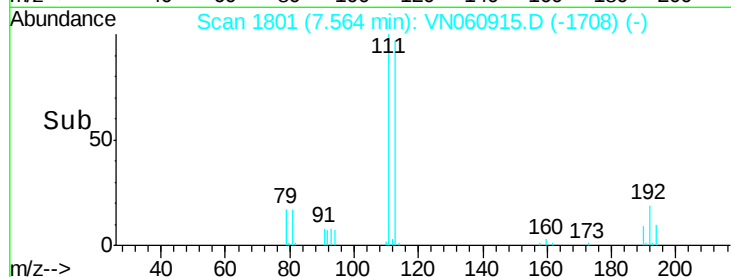
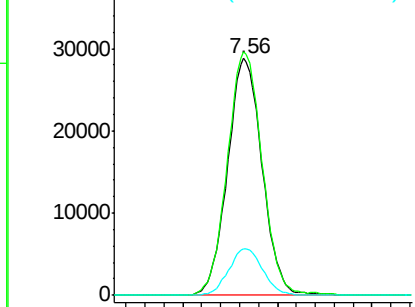
#35
 Dibromofluoromethane
 Concen: 48.663 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060915.D
 Acq: 13 Apr 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128161

Tot Ion:113 Resp: 73216
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 19.2 15.8 23.8

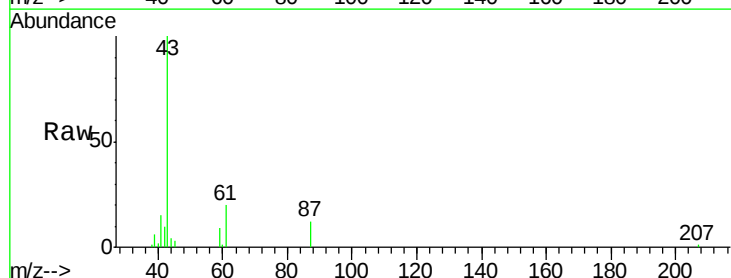


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

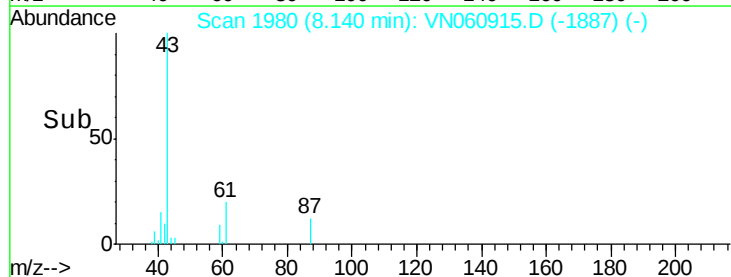
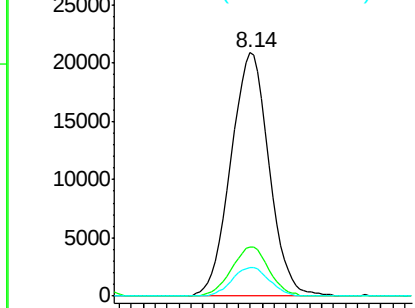


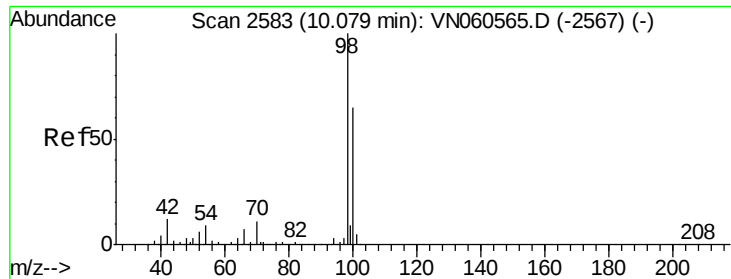
#43
 Isopropyl Acetate
 Concen: 10.831 ug/l
 RT: 8.14 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN060915.D
 Acq: 13 Apr 2020 22:05

Tgt Ion: 43 Resp: 46503
 Ion Ratio Lower Upper
 43 100
 61 19.7 20.7 31.1#
 87 11.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.228 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060915.D

Acq: 13 Apr 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

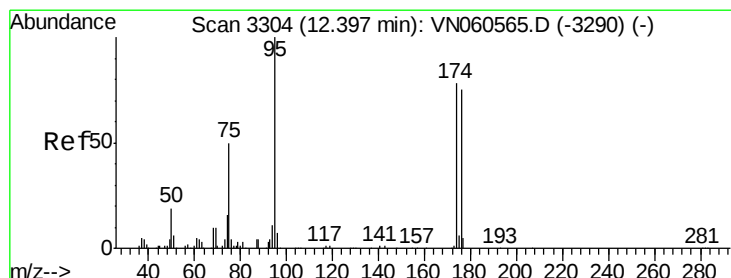
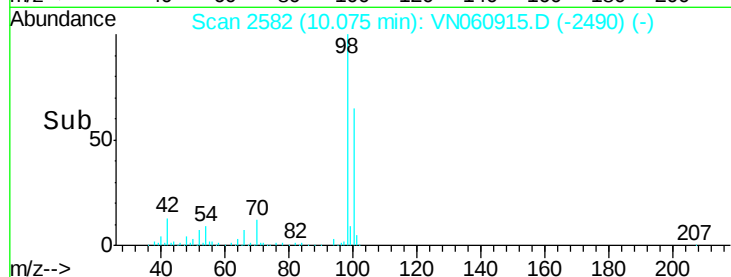
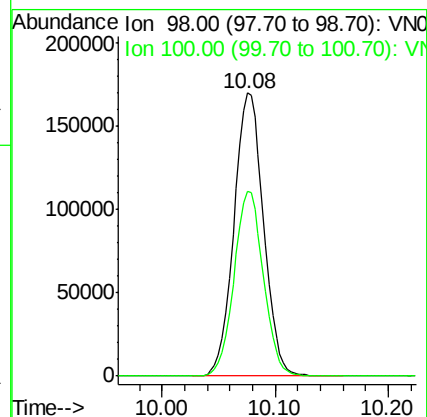
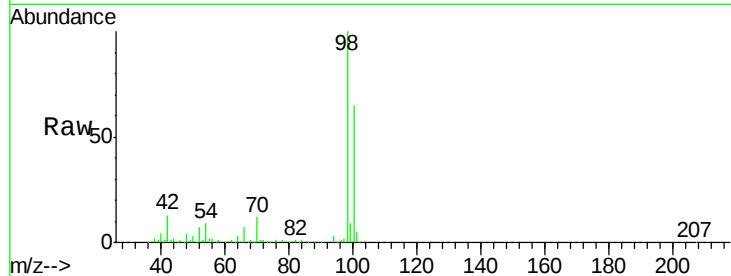
PB128161

Tot Ion: 98 Resp: 308675

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.627 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060915.D

Acq: 13 Apr 2020 22:05

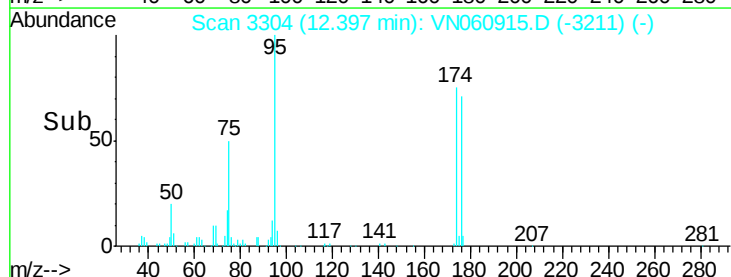
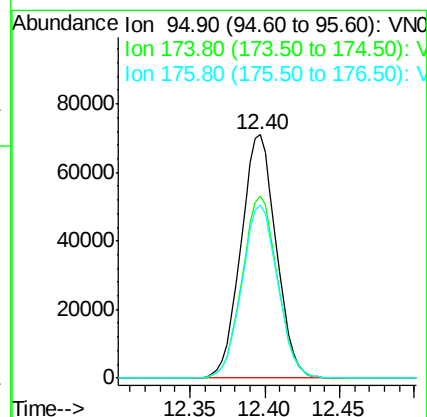
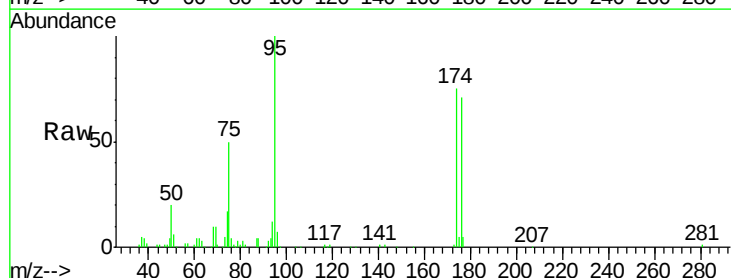
Tgt Ion: 95 Resp: 116276

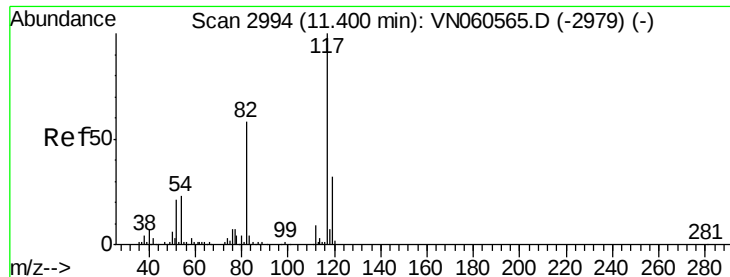
Ion Ratio Lower Upper

95 100

174 75.3 0.0 157.6

176 72.3 0.0 150.6

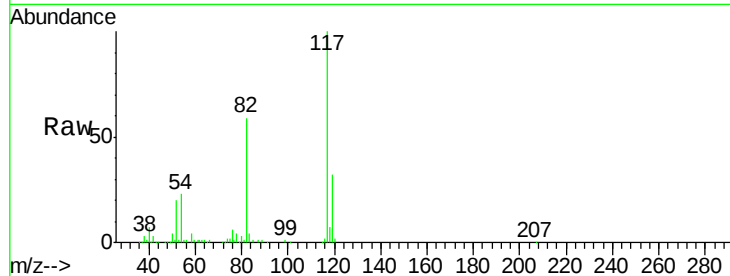




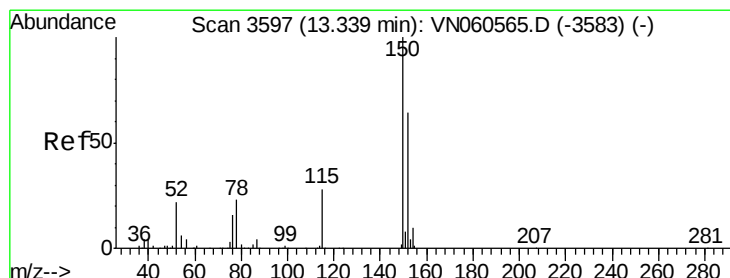
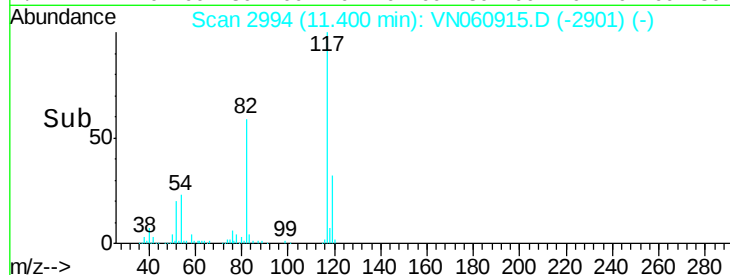
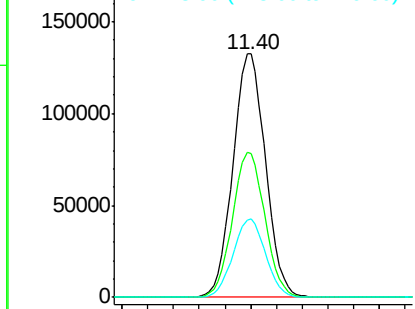
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060915.D
Acq: 13 Apr 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
PB128161

Tot Ion:117 Resp: 231934
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 32.2 25.5 38.3

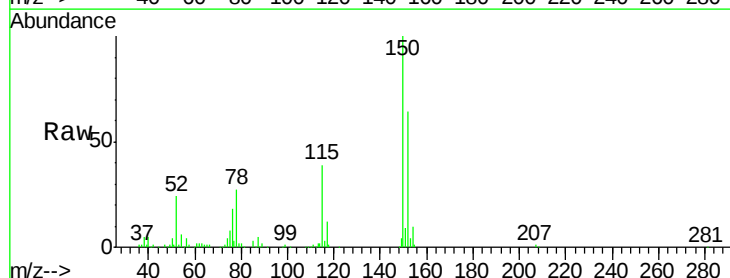


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060915.D
Acq: 13 Apr 2020 22:05

Tgt Ion:152 Resp: 103186
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 158.7 0.0 350.2



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

