

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060215.D
 Acq On : 24 Feb 2020 17:29
 Operator : JC/MD
 Sample : L1671-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E156-B4-022420-GW

Quant Time: Feb 25 00:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

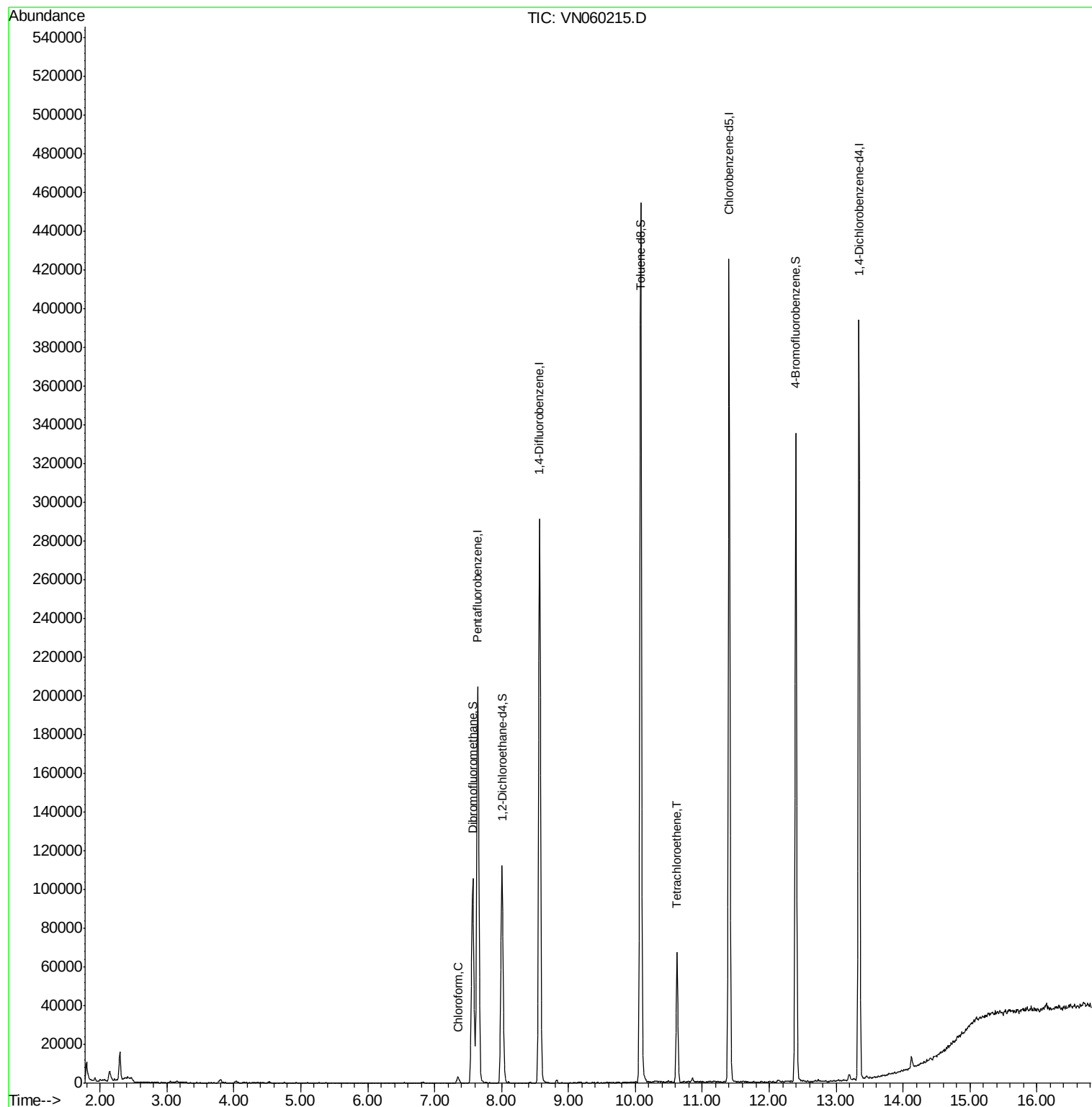
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	171501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	269023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	101112	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.57	113	82211	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.08	98	321328	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.40	95	113393	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
Target Compounds						
30) Chloroform	7.35	83	3794	1.143	ug/l #	82
64) Tetrachloroethene	10.62	164	15617	8.256	ug/l	95

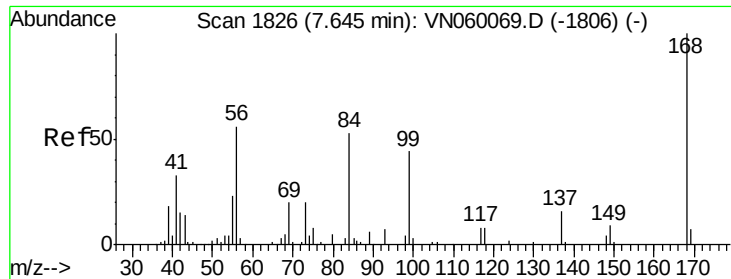
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060215.D

Acq: 24 Feb 2020 17:29

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MSVOA_N

ClientSampleId :

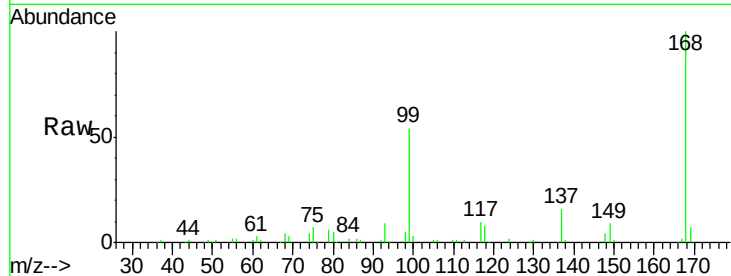
E156-B4-022420-GW

Tot Ion:168 Resp: 171501

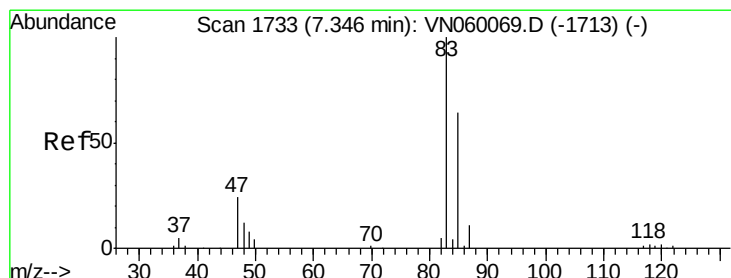
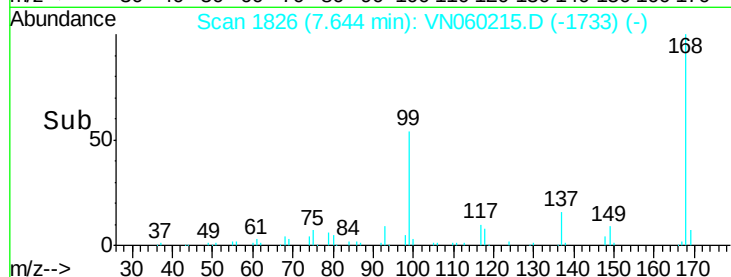
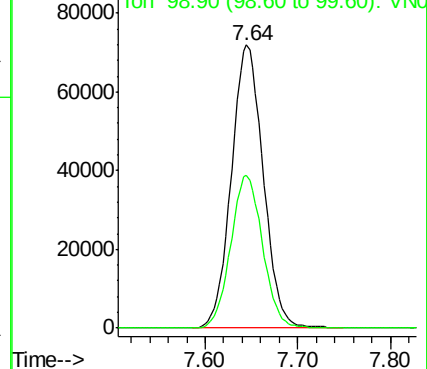
Ion Ratio Lower Upper

168 100

99 54.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060215.D (-1733) (-)



#30

Chloroform

Concen: 1.143 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN060215.D

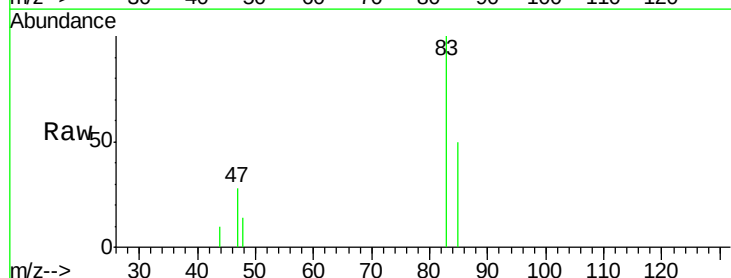
Acq: 24 Feb 2020 17:29

Tgt Ion: 83 Resp: 3794

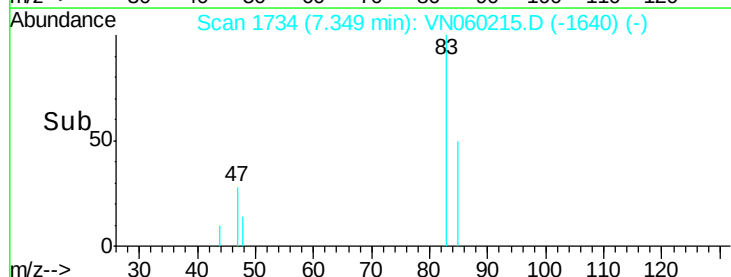
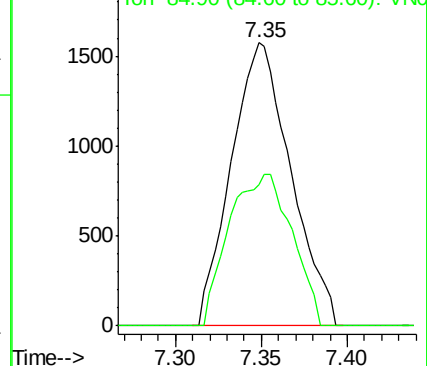
Ion Ratio Lower Upper

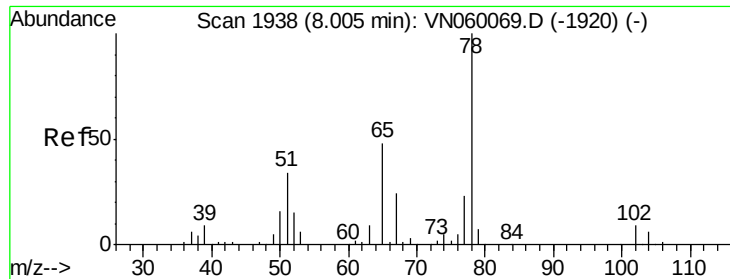
83 100

85 50.2 51.4 77.0#



Abundance Ion 82.90 (82.60 to 83.60): VN060215.D (-1640) (-)

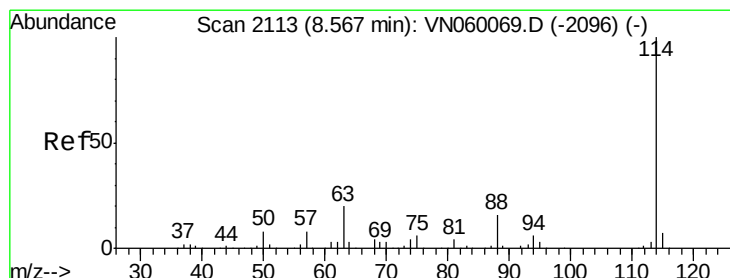
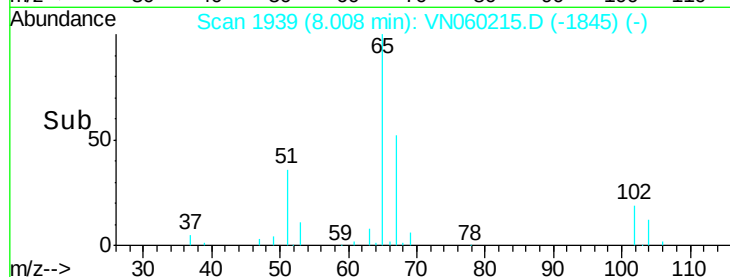
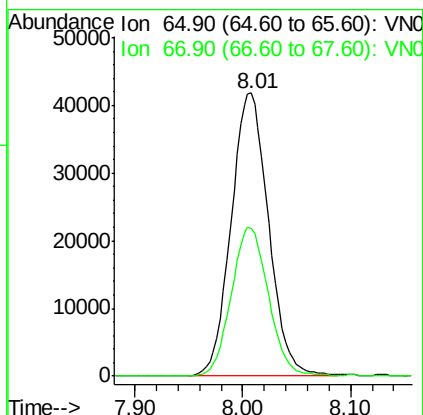
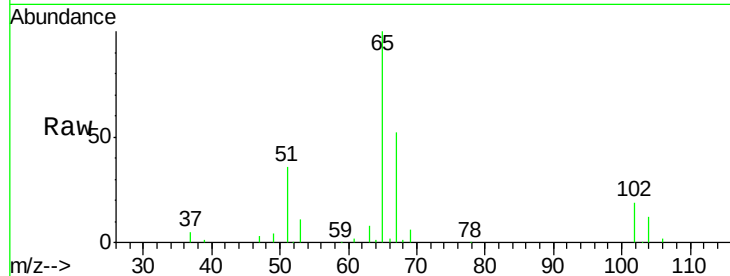




#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN060215.D
 Acq: 24 Feb 2020 17:29

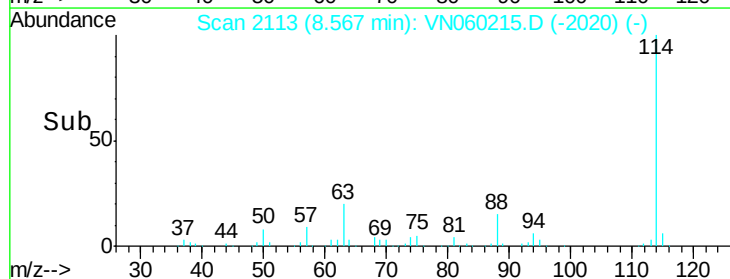
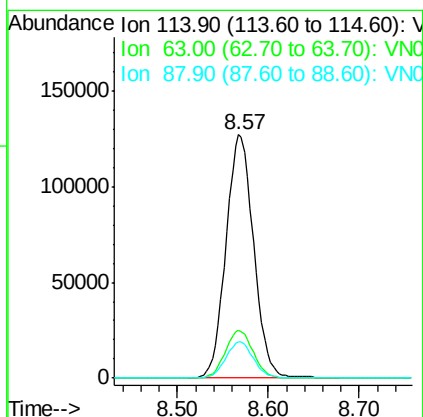
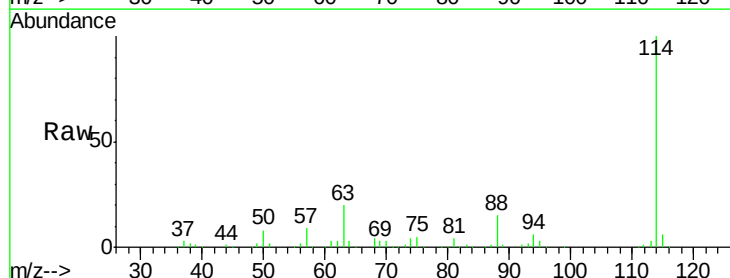
Instrument :
 MSVOA_N
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 E156-B4-022420-GW

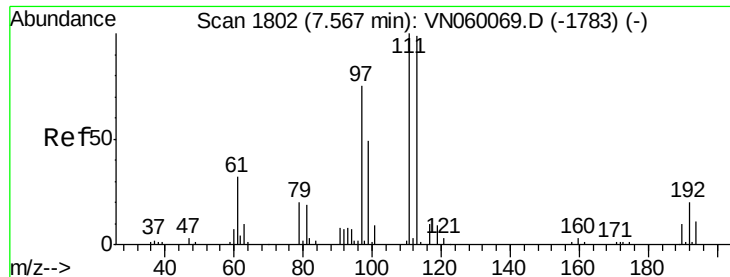
Tot Ion: 65 Resp: 101112
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060215.D
 Acq: 24 Feb 2020 17:29

Tgt Ion: 114 Resp: 269023
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.0 0.0 31.6

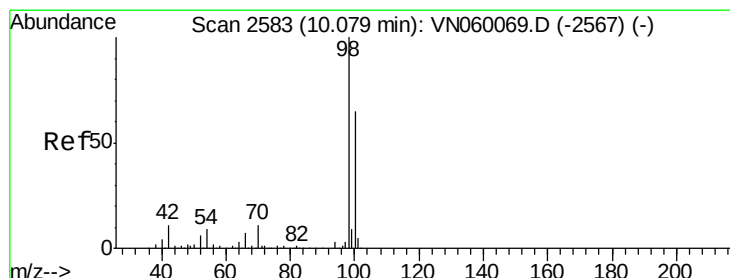
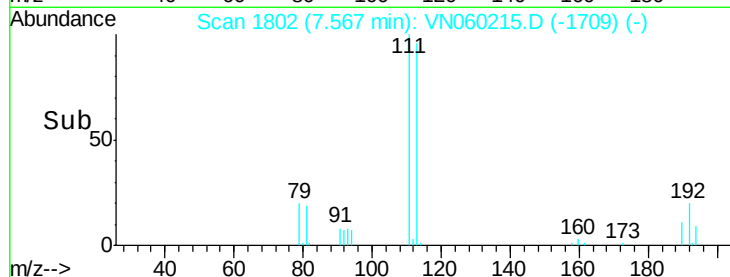
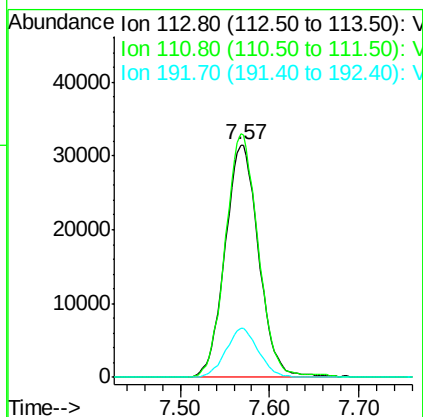
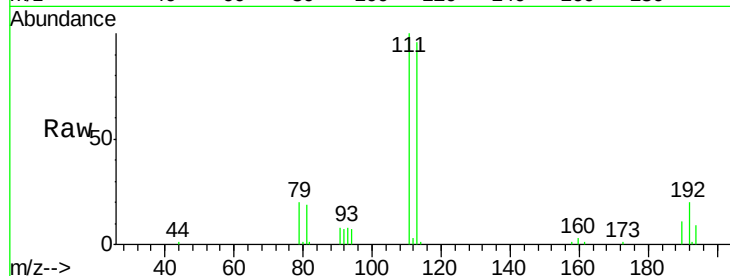




#35
Dibromofluoromethane
Concen: 49.714 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060215.D
Acq: 24 Feb 2020 17:29

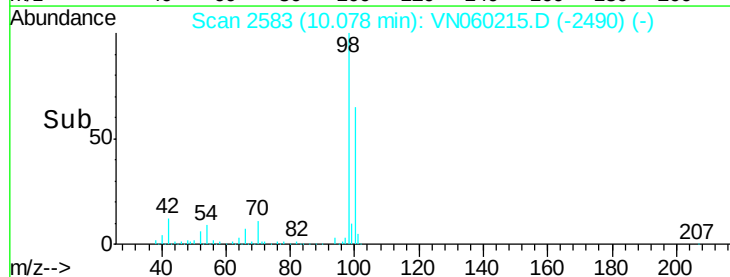
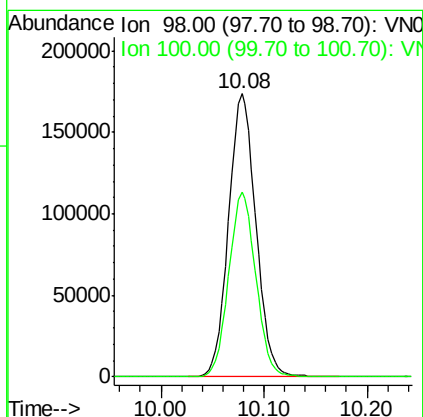
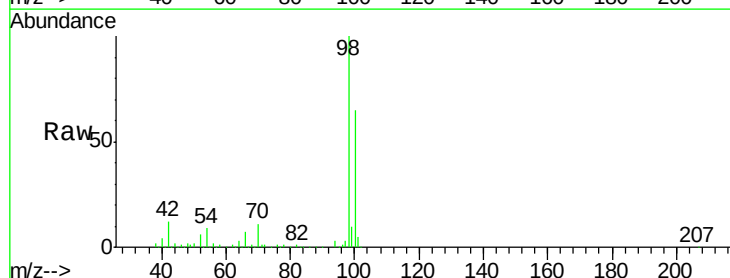
Instrument :
MSVOA_N
ClientSampleId :
E156-B4-022420-GW

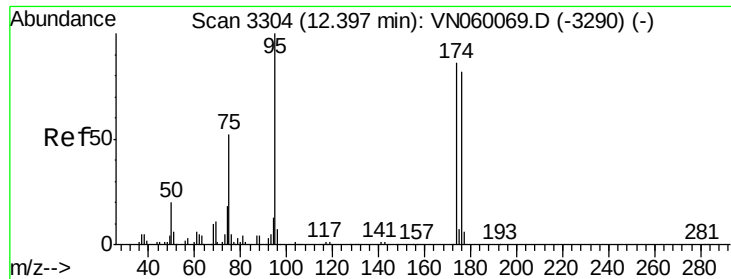
Tot Ion:113 Resp: 82211
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 20.3 16.2 24.2



#50
Toluene-d8
Concen: 49.343 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060215.D
Acq: 24 Feb 2020 17:29

Tgt Ion: 98 Resp: 321328
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 47.387 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060215.D

Acq: 24 Feb 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

E156-B4-022420-GW

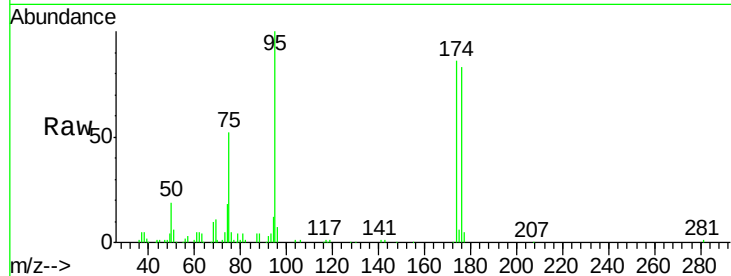
Tot Ion: 95 Resp: 113393

Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.8

176 84.1 0.0 164.8

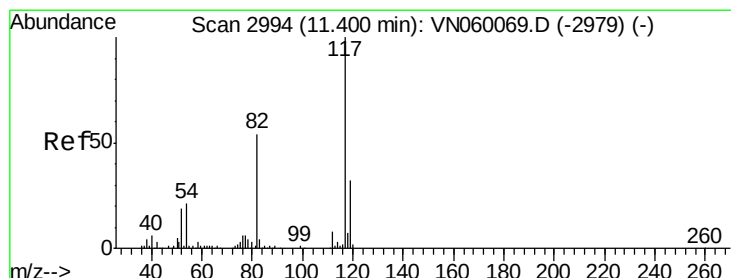
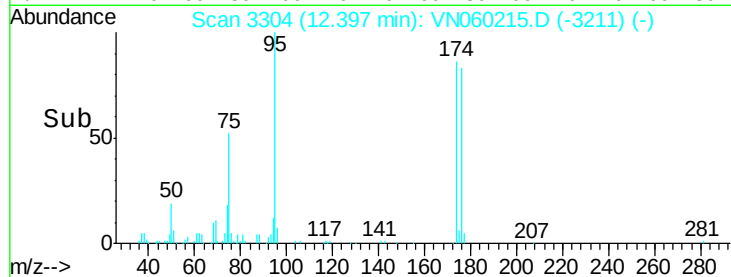


Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060215.D

Acq: 24 Feb 2020 17:29

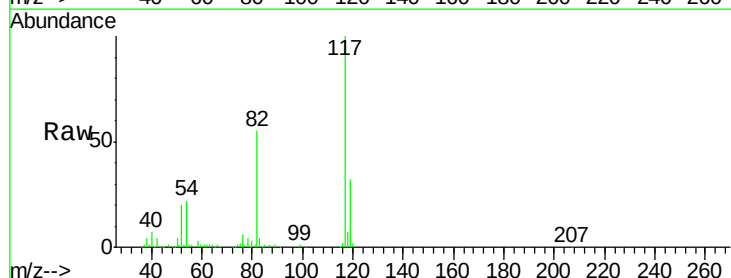
Tgt Ion: 117 Resp: 248830

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.6 25.8 38.6

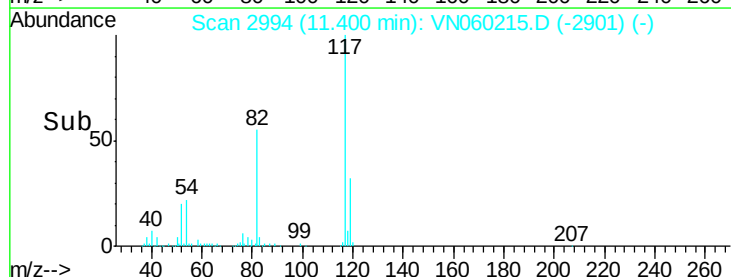


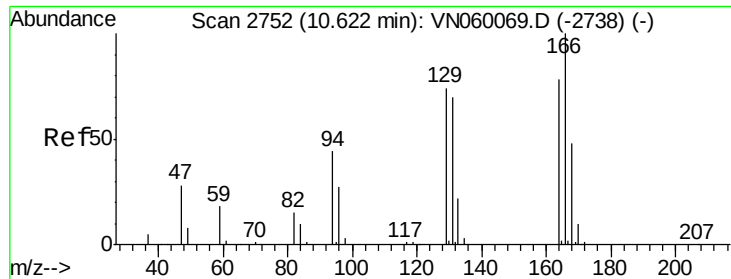
Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 8.256 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN060215.D

Acq: 24 Feb 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

E156-B4-022420-GW

Tot Ion:164 Resp: 15617

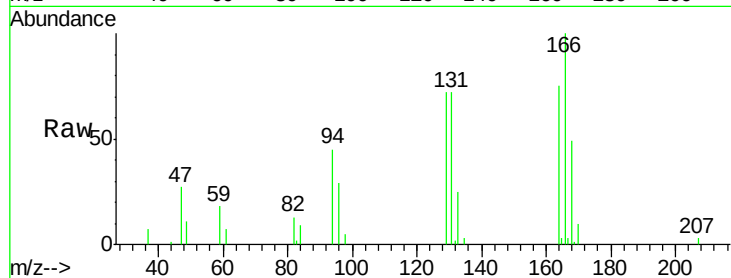
Ion Ratio Lower Upper

164 100

166 133.2 101.9 152.9

129 96.4 75.4 113.0

131 96.1 71.4 107.2

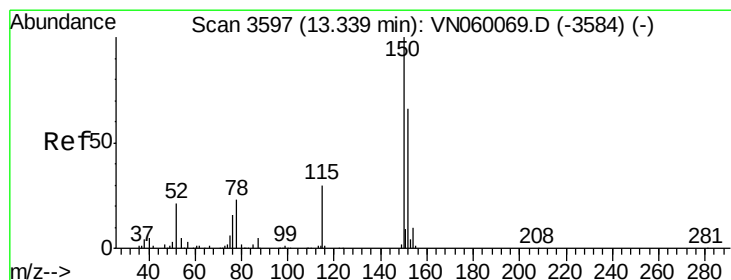
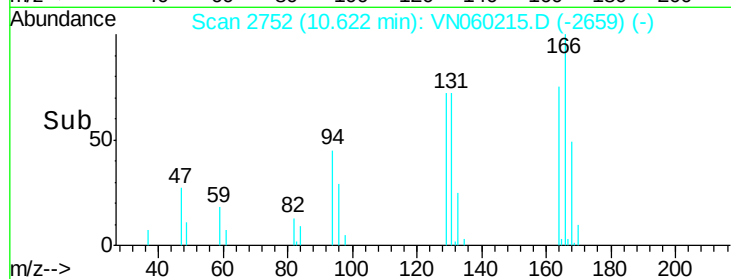
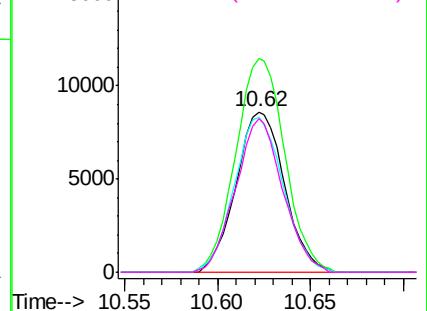


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN060215.D

Acq: 24 Feb 2020 17:29

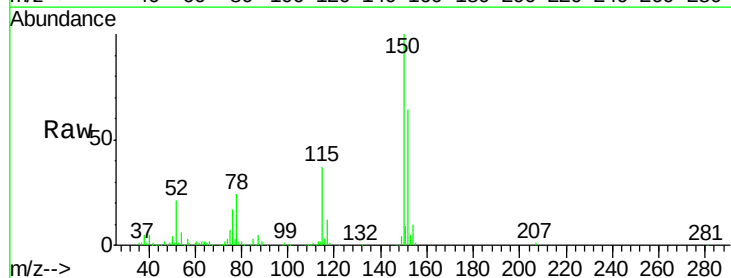
Tgt Ion:152 Resp: 109741

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.8

150 156.5 0.0 342.4



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

