

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040120\
 Data File : VN060810.D
 Acq On : 1 Apr 2020 15:03
 Operator : JC/MD
 Sample : L2106-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z4-EB-200331

Quant Time: Apr 02 09:24:35 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

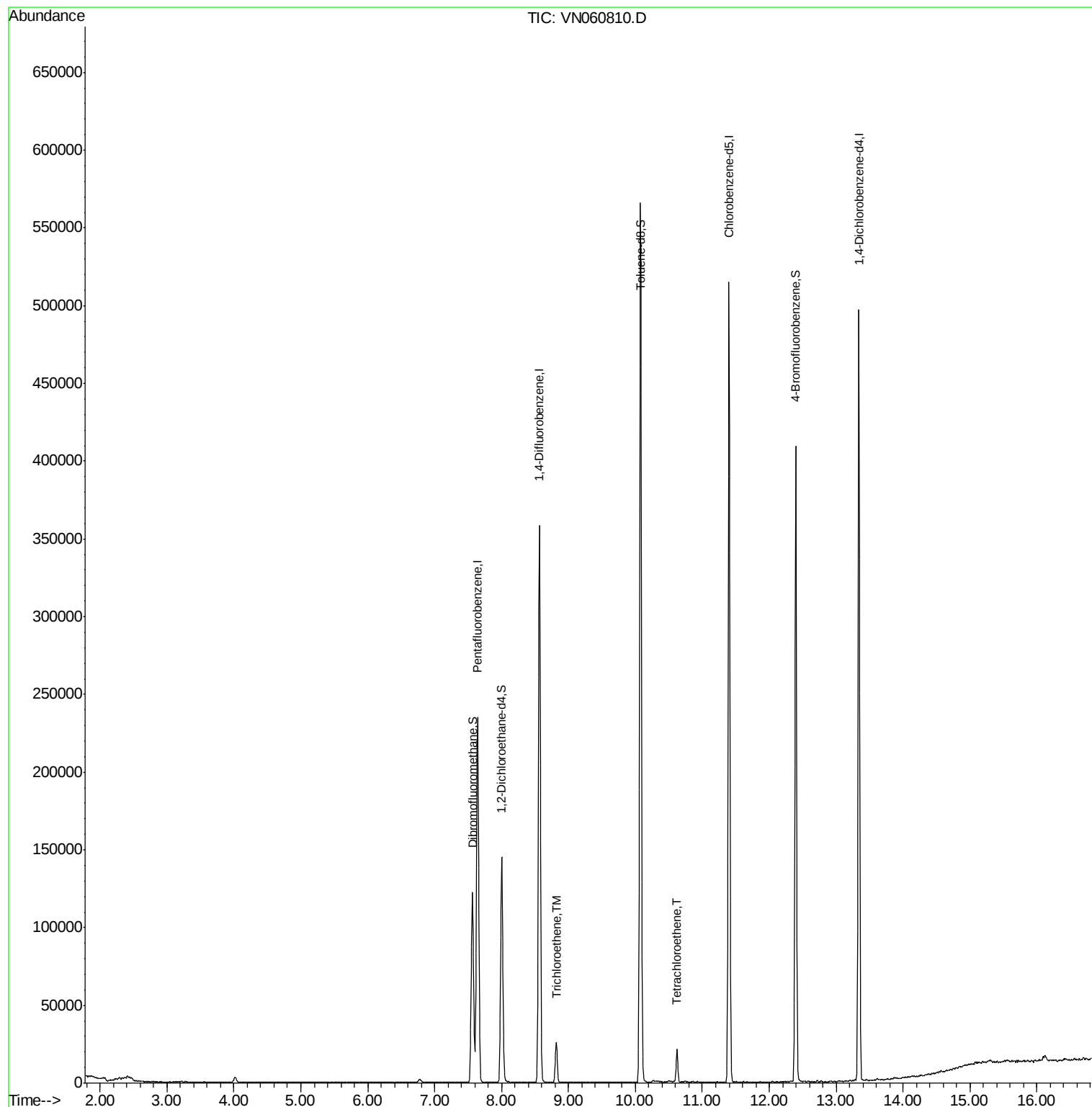
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123860	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.56	113	94348	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	10.08	98	387619	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.40	95	142489	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
44) Trichloroethene	8.82	130	10038	4.277	ug/l	97
64) Tetrachloroethene	10.62	164	4919	2.137	ug/l	98

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060810.D

Acq: 1 Apr 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

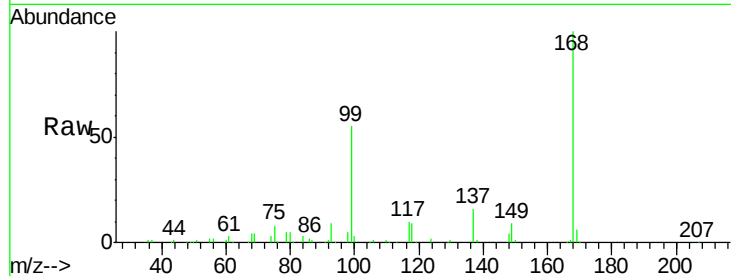
Z4-EB-200331

Tot Ion:168 Resp: 191456

Ion Ratio Lower Upper

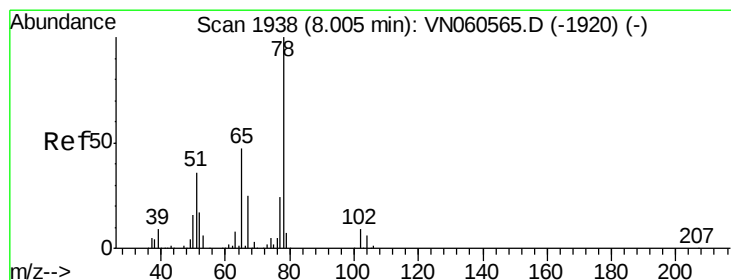
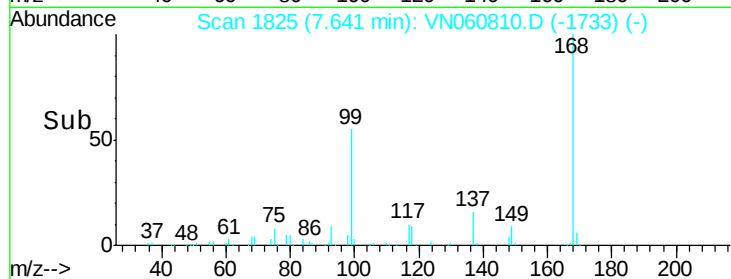
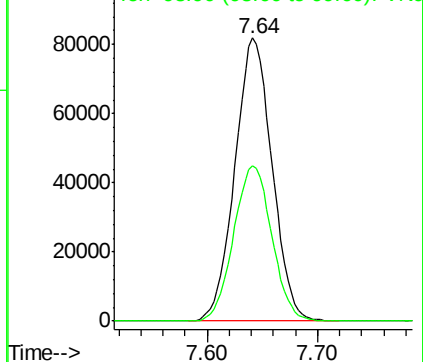
168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 47.126 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060810.D

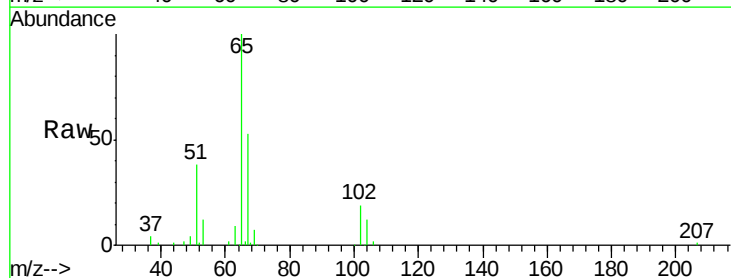
Acq: 1 Apr 2020 15:03

Tgt Ion: 65 Resp: 123860

Ion Ratio Lower Upper

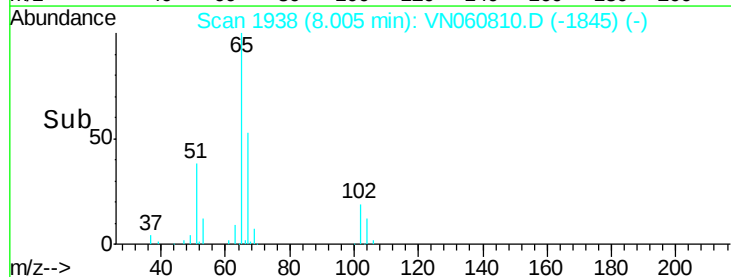
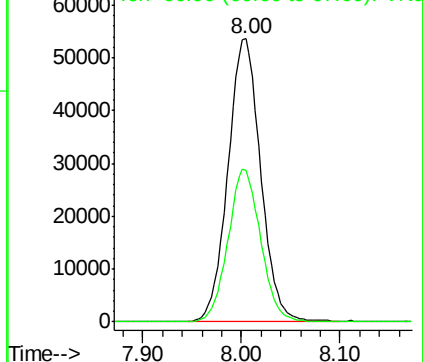
65 100

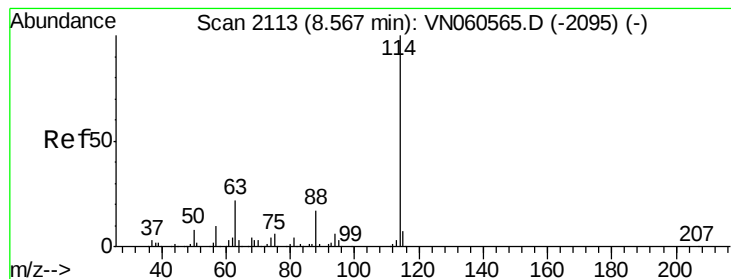
67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060810.D

Acq: 1 Apr 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

Z4-EB-200331

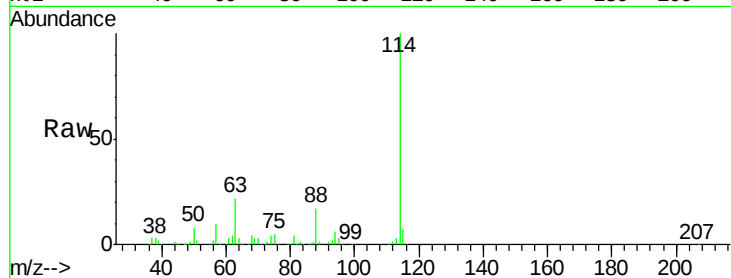
Tot Ion:114 Resp: 318495

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

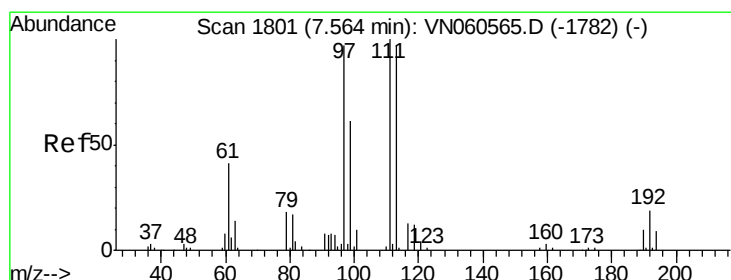
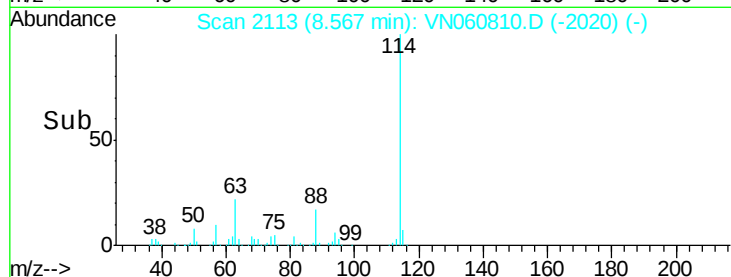
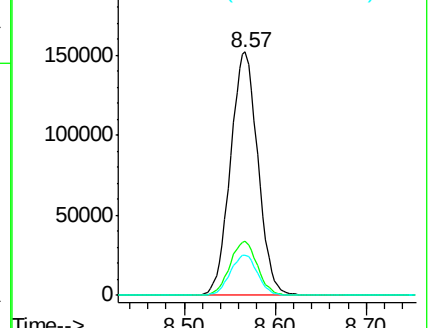
88 16.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.991 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060810.D

Acq: 1 Apr 2020 15:03

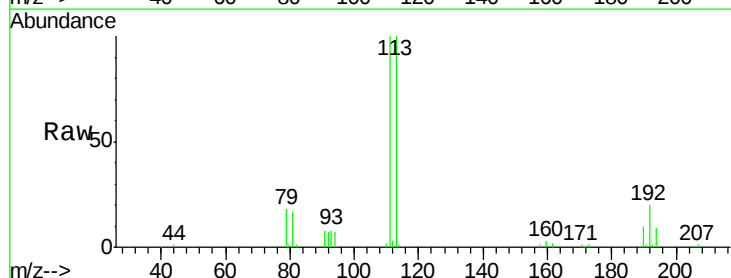
Tgt Ion:113 Resp: 94348

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

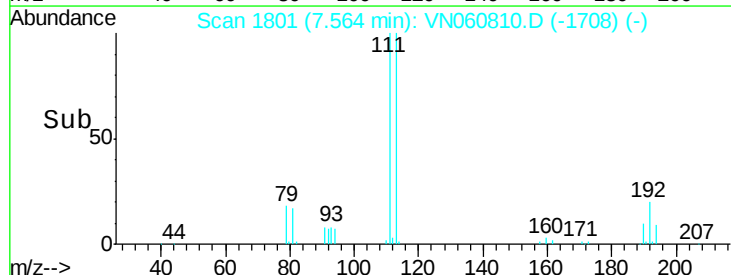
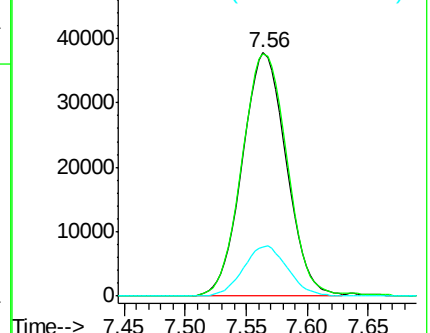
192 20.6 15.8 23.8

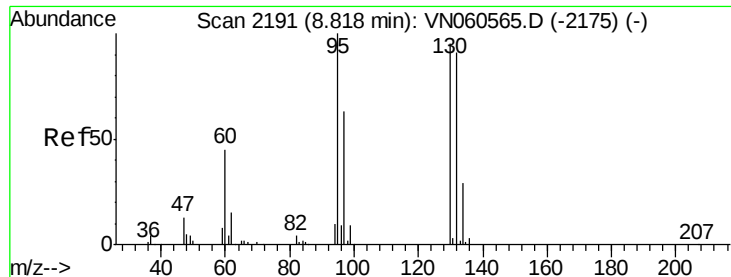


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.277 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060810.D

Acq: 1 Apr 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

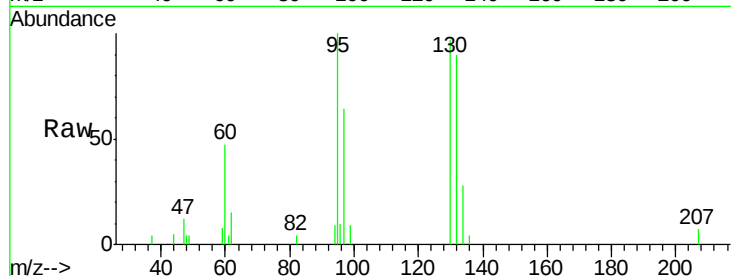
Z4-EB-200331

Tot Ion:130 Resp: 10038

Ion Ratio Lower Upper

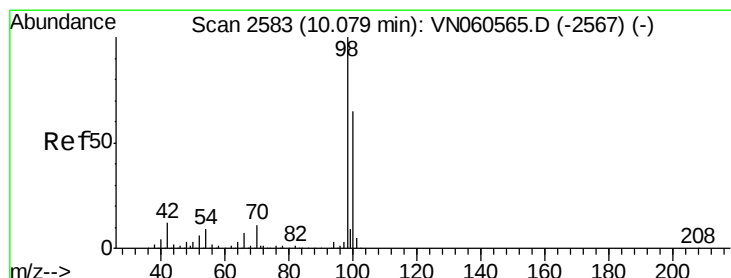
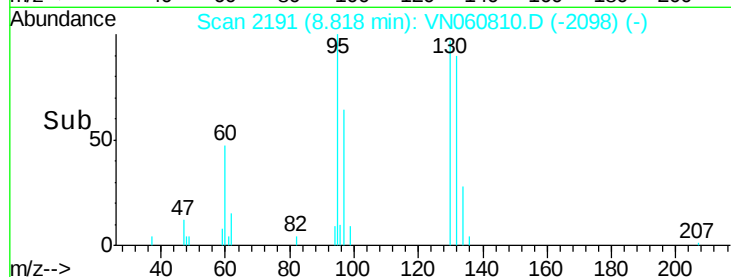
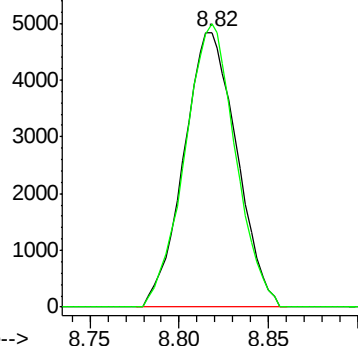
130 100

95 103.0 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.276 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060810.D

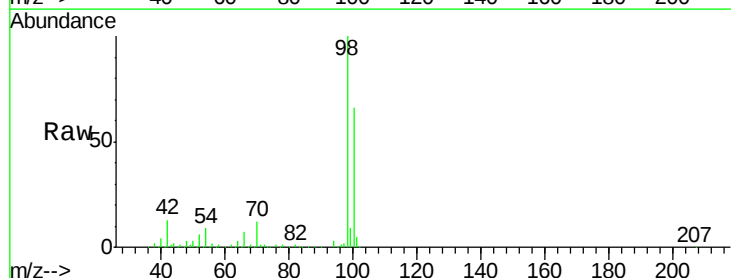
Acq: 1 Apr 2020 15:03

Tgt Ion: 98 Resp: 387619

Ion Ratio Lower Upper

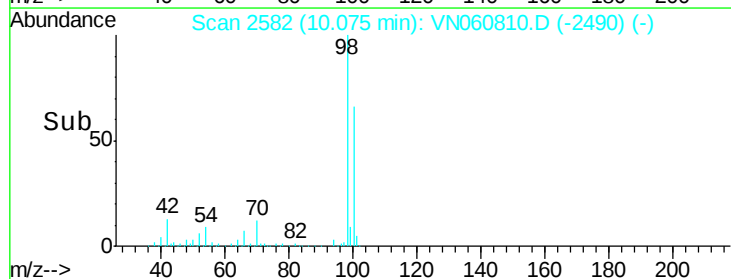
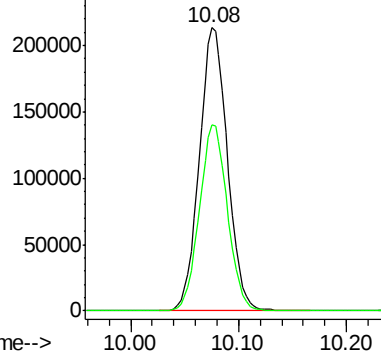
98 100

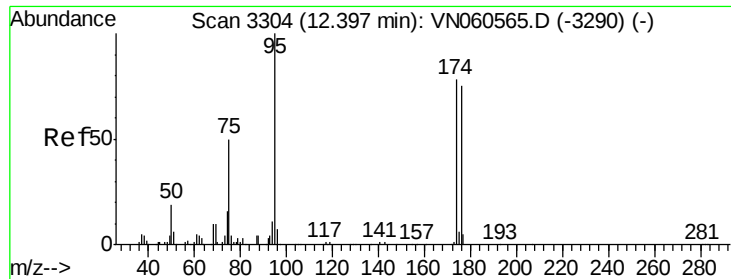
100 65.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

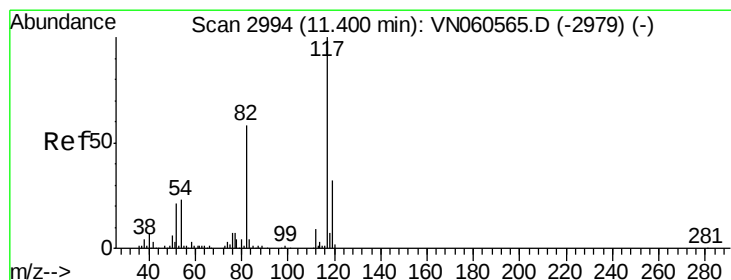
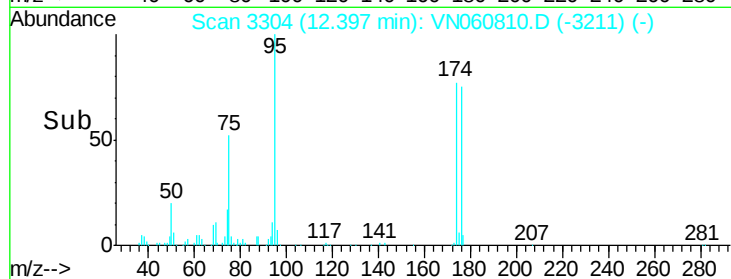
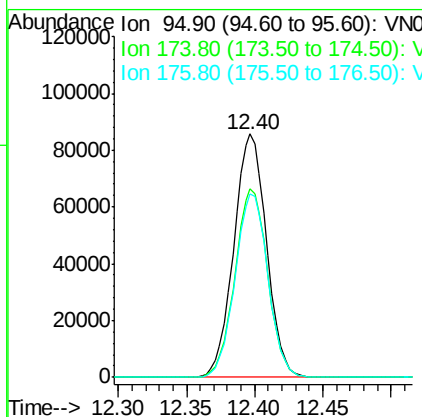
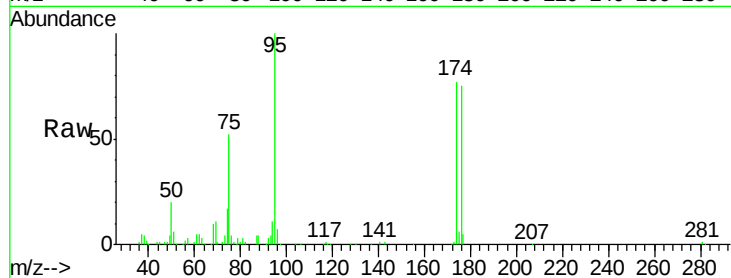




#62
4-Bromofluorobenzene
Concen: 49.426 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060810.D
Acq: 1 Apr 2020 15:03

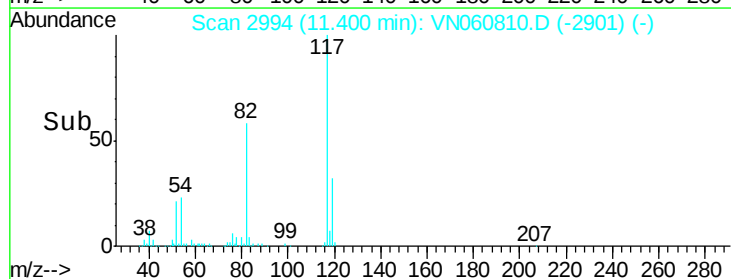
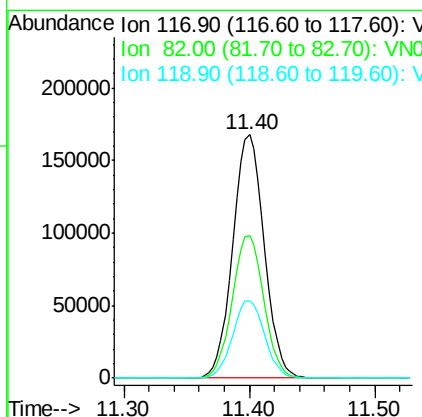
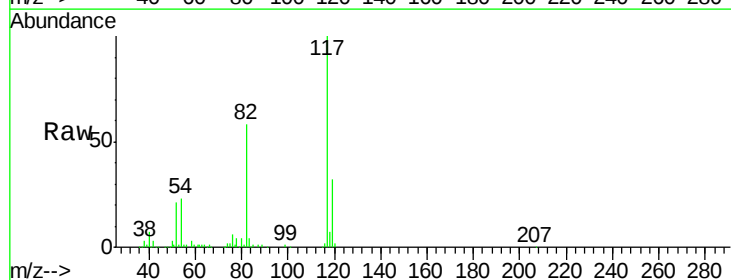
Instrument :
MSVOA_N
ClientSampleId :
Z4-EB-200331

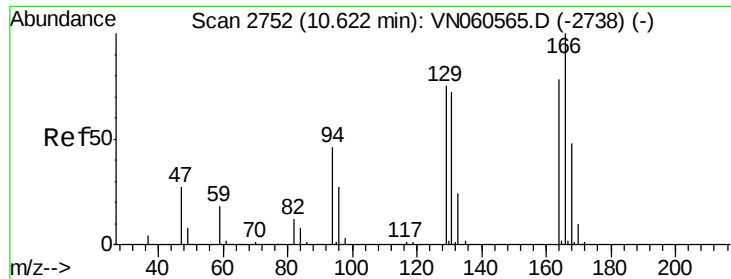
Tot Ion	95	Resp	142489
Ion Ratio	Lower	Upper	
95	100		
174	77.6	0.0	157.6
176	75.7	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060810.D
Acq: 1 Apr 2020 15:03

Tgt Ion	117	Resp	292498
Ion Ratio	Lower	Upper	
117	100		
82	58.5	46.7	70.1
119	32.0	25.5	38.3





#64

Tetrachloroethene

Concen: 2.137 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN060810.D

Acq: 1 Apr 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

Z4-EB-200331

Tot Ion:164 Resp: 4919

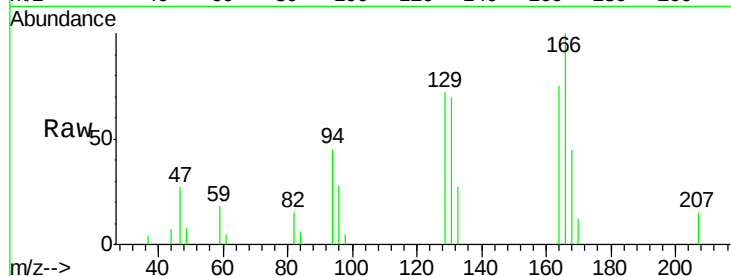
Ion Ratio Lower Upper

164 100

166 133.3 102.7 154.1

129 95.4 77.2 115.8

131 92.8 73.8 110.6

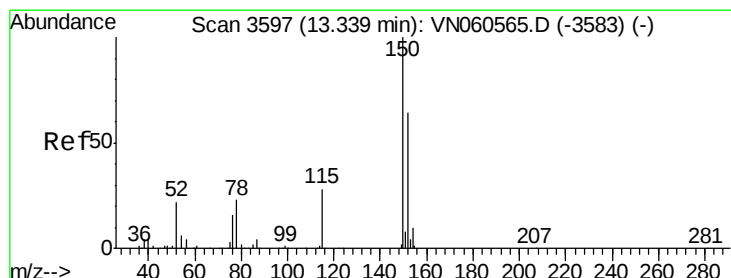
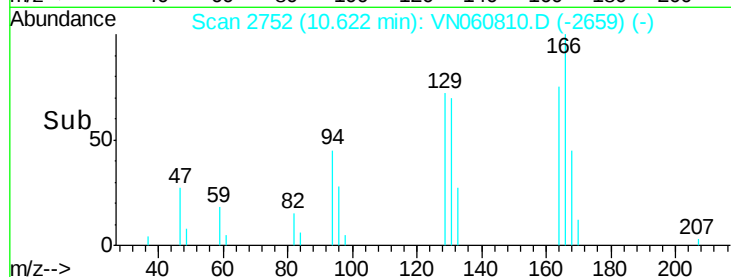
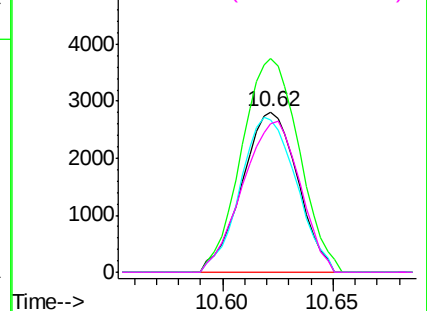


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3597

Delta R.T. -0.00 min

Lab File: VN060810.D

Acq: 1 Apr 2020 15:03

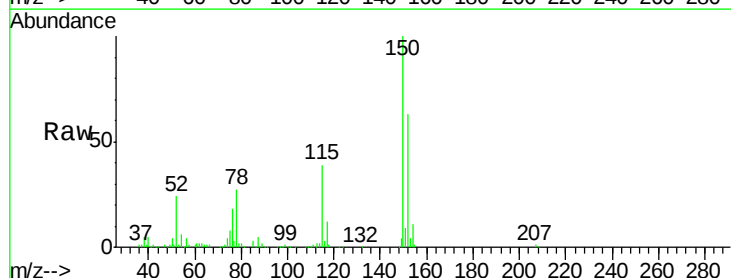
Tgt Ion:152 Resp: 128635

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

150 157.0 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

