

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060704.D
 Acq On : 25 Mar 2020 18:37
 Operator : JC/MD
 Sample : L1997-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20200316

Quant Time: Mar 26 05:28:12 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

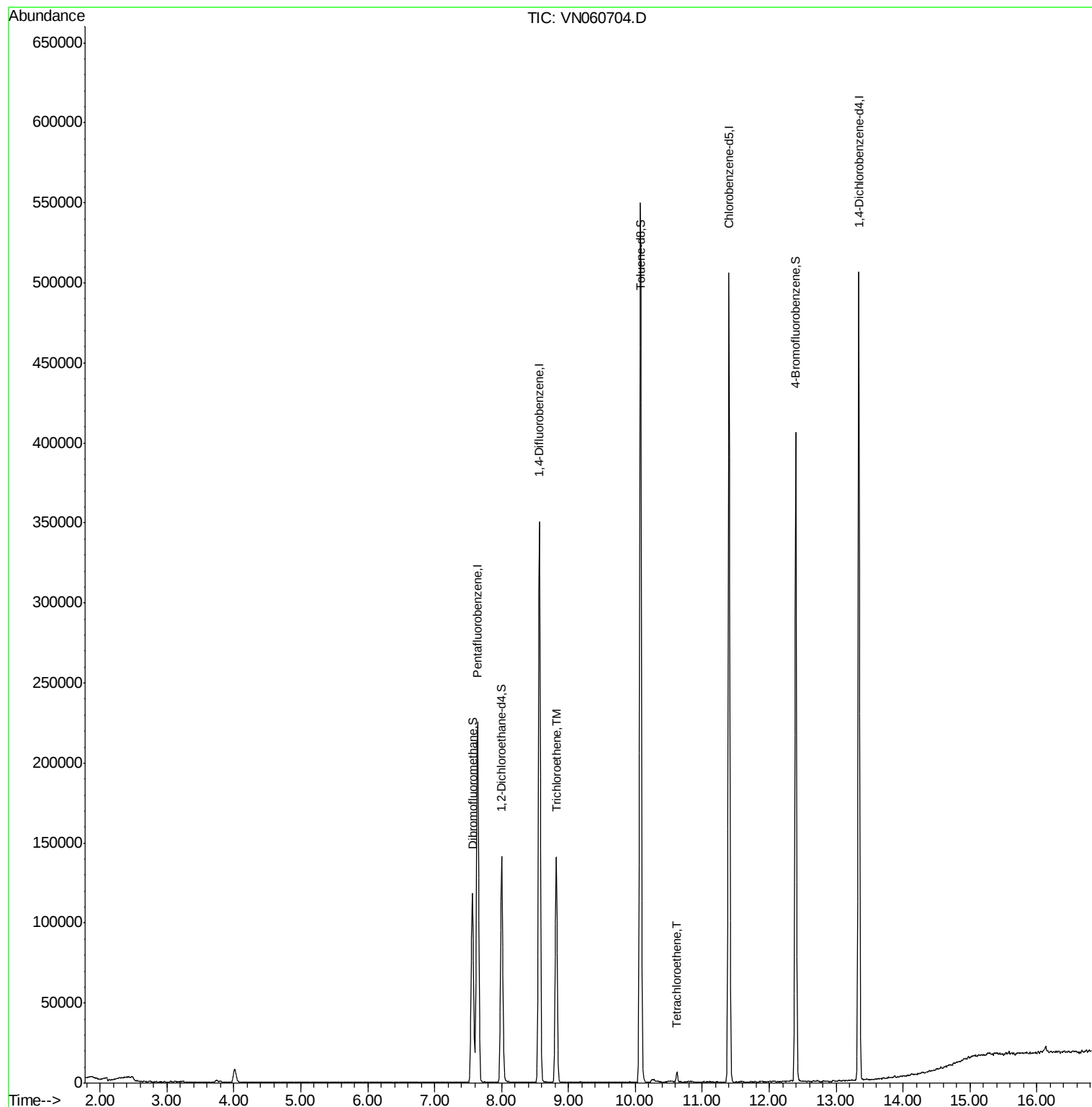
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	310267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120993	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	7.56	113	92360	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.08	98	380916	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	139690	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
Target Compounds						
44) Trichloroethene	8.82	130	51828	22.669	ug/l	98
64) Tetrachloroethene	10.62	164	1528	0.676	ug/l	90

(#) = 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: VN060704.D

Acq: 25 Mar 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

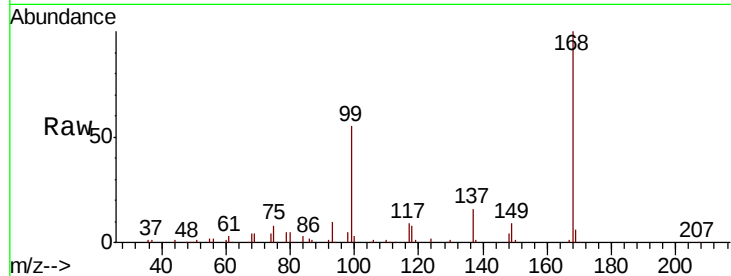
RE109D1-20200316

Tot Ion:168 Resp: 185310

Ion Ratio Lower Upper

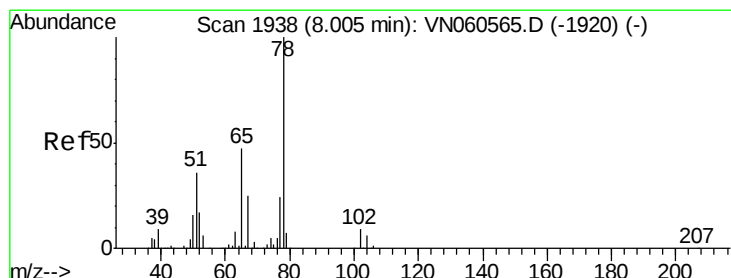
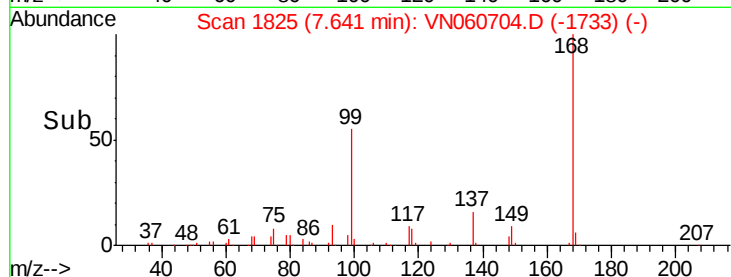
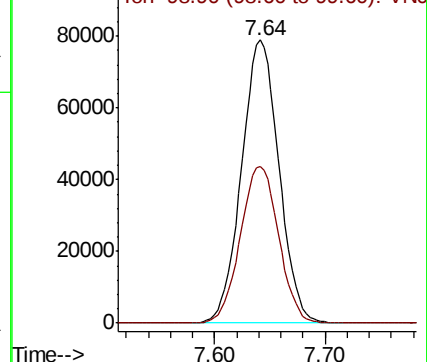
168 100

99 55.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 47.562 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060704.D

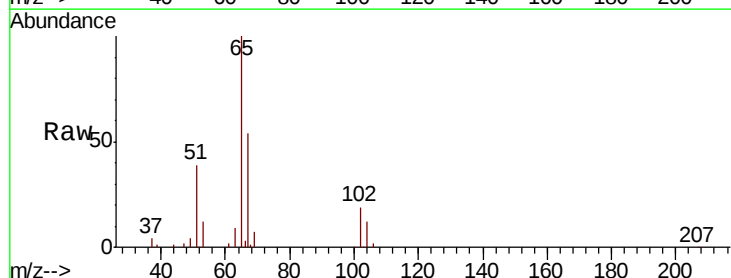
Acq: 25 Mar 2020 18:37

Tgt Ion: 65 Resp: 120993

Ion Ratio Lower Upper

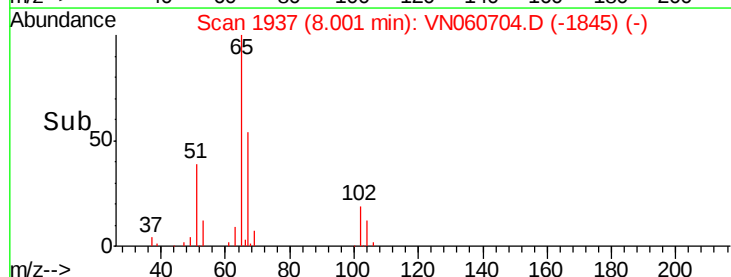
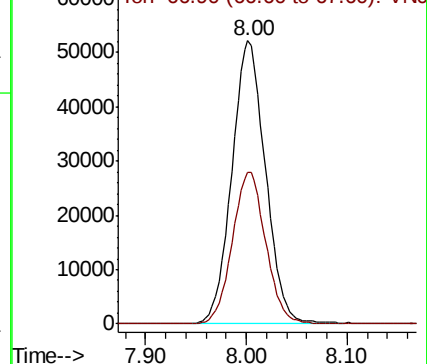
65 100

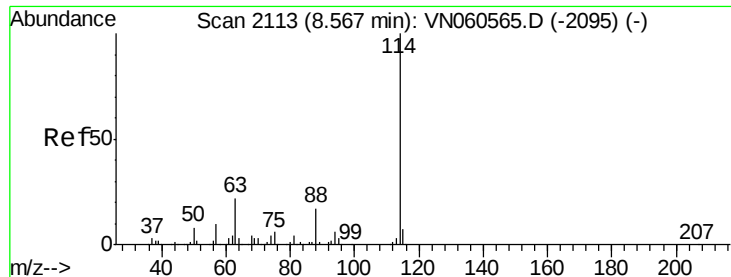
67 53.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060704.D

Acq: 25 Mar 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20200316

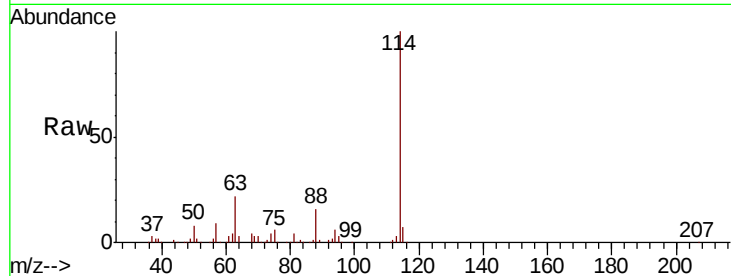
Tot Ion:114 Resp: 310267

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

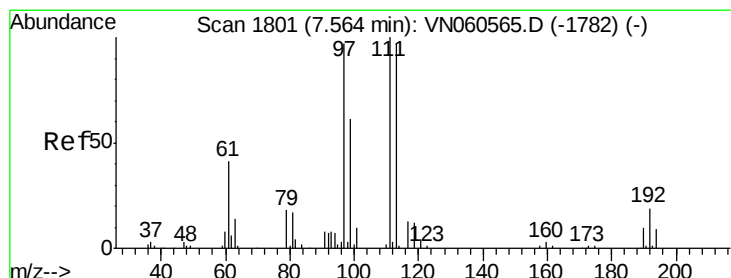
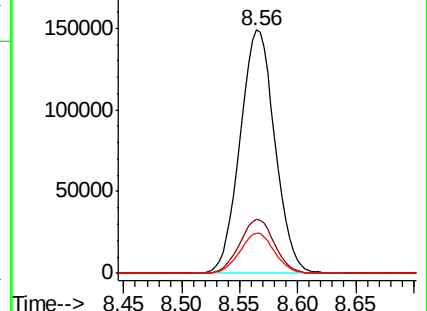
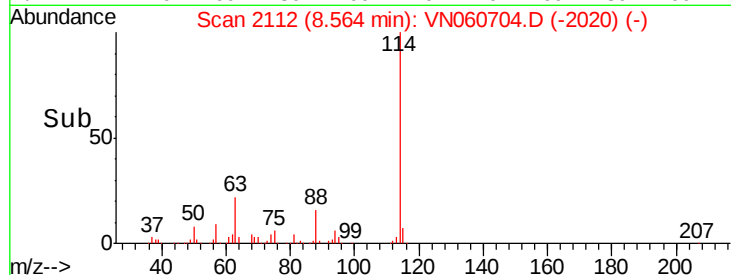
88 16.5 0.0 33.0



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: 49.230 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060704.D

Acq: 25 Mar 2020 18:37

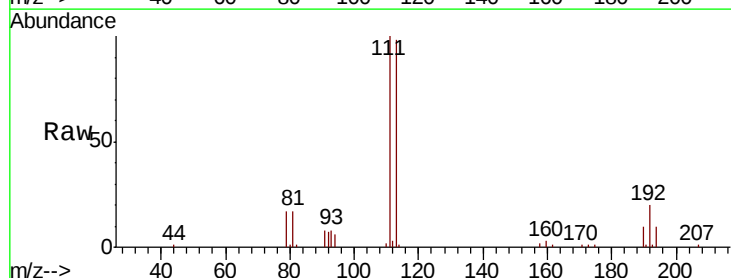
Tgt Ion:113 Resp: 92360

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

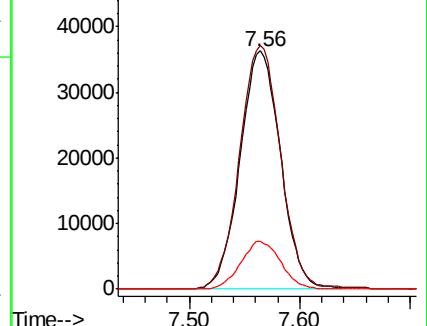
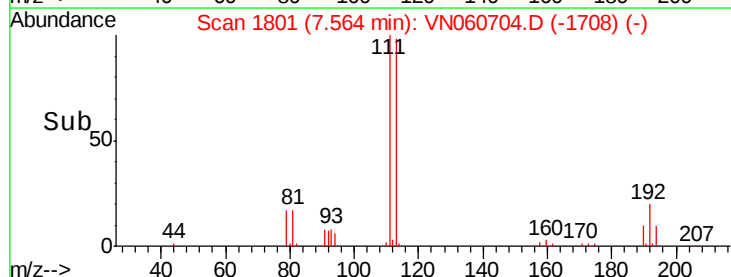
192 19.7 15.8 23.8

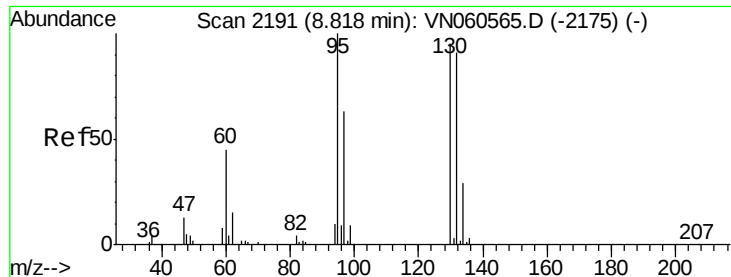


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

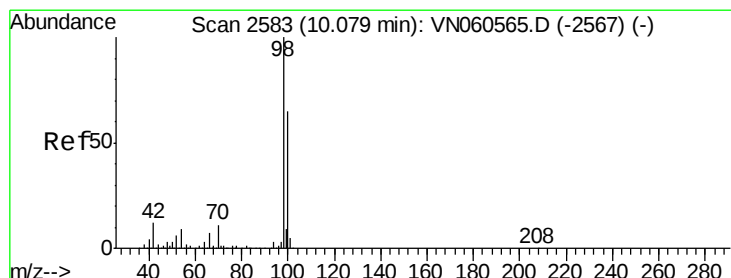
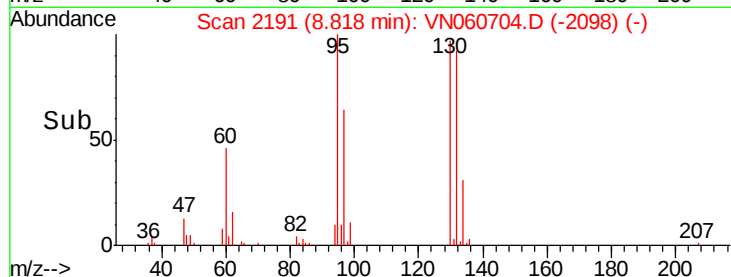
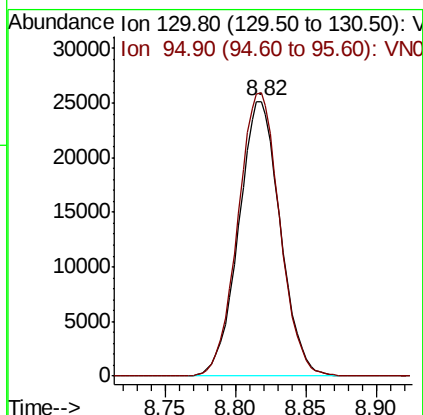
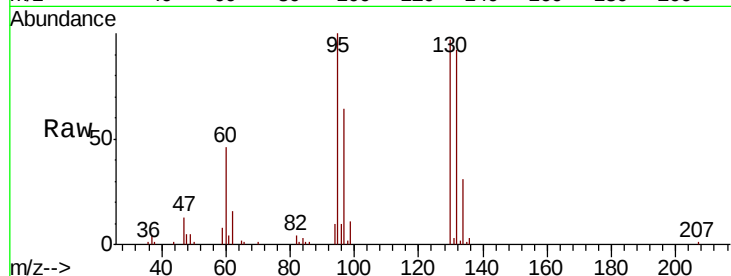




#44
 Trichloroethene
 Concen: 22.669 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN060704.D
 Acq: 25 Mar 2020 18:37

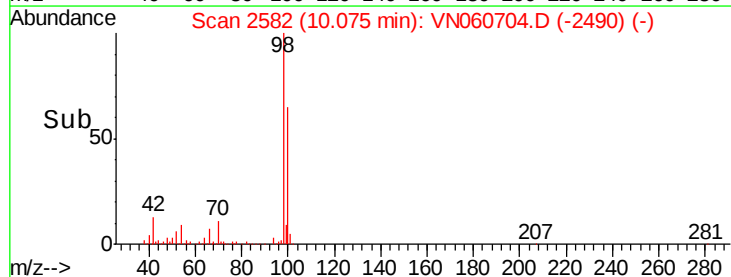
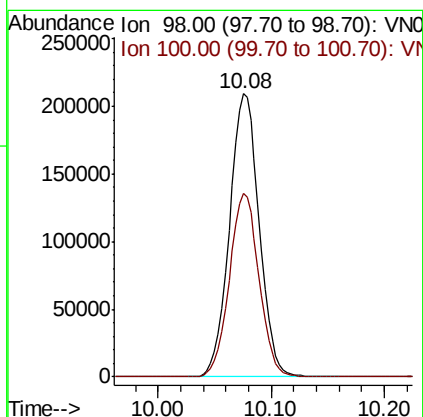
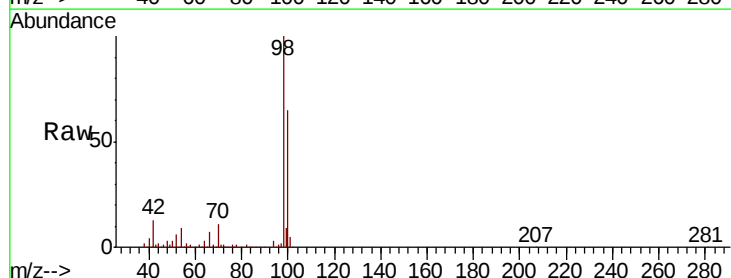
Instrument :
 MSVOA_N
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 RE109D1-20200316

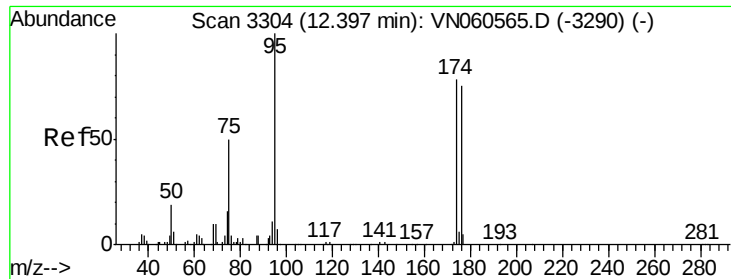
Tot Ion:130 Resp: 51828
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 211.2



#50
 Toluene-d8
 Concen: 49.708 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060704.D
 Acq: 25 Mar 2020 18:37

Tgt Ion: 98 Resp: 380916
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 49.740 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060704.D

Acq: 25 Mar 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20200316

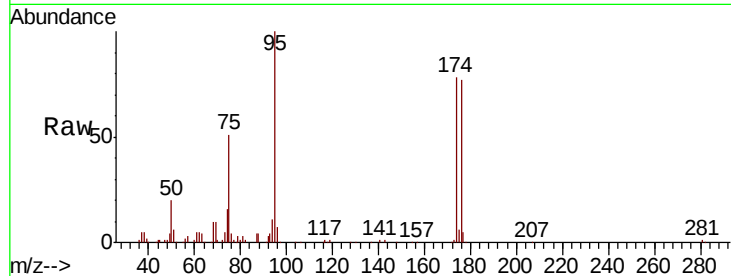
Tot Ion: 95 Resp: 139690

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

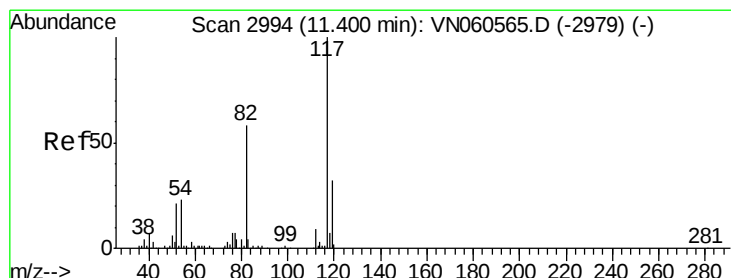
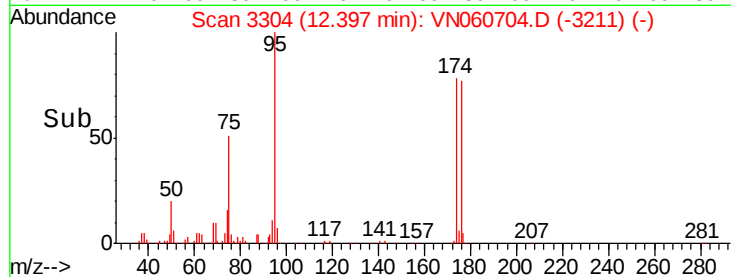
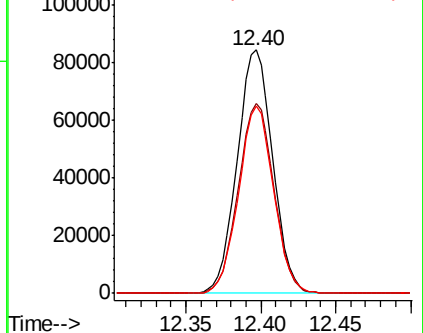
176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060704.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060704.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060704.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060704.D

Acq: 25 Mar 2020 18:37

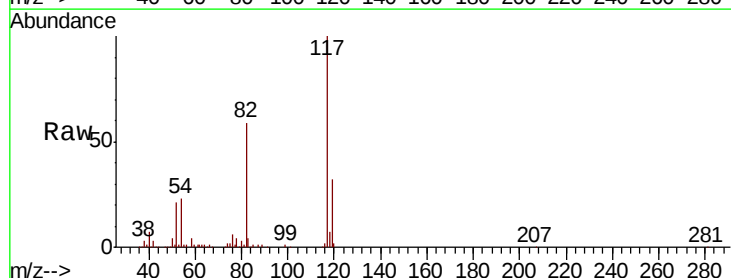
Tgt Ion: 117 Resp: 287103

Ion Ratio Lower Upper

117 100

82 58.9 46.7 70.1

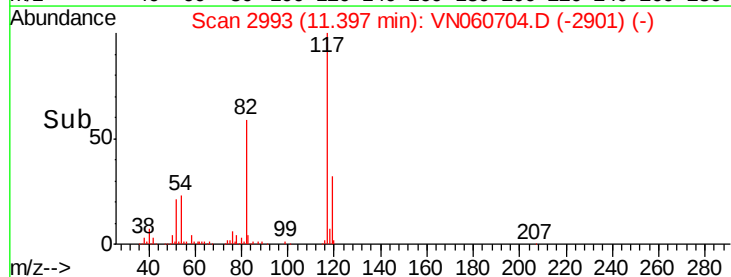
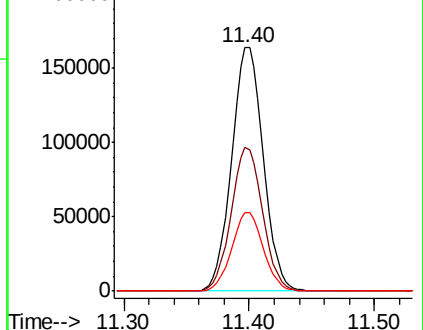
119 32.4 25.5 38.3

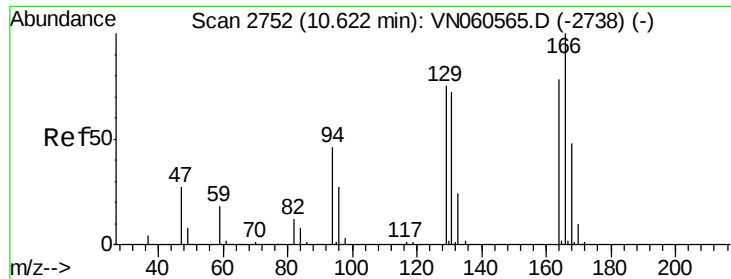


Abundance Ion 116.90 (116.60 to 117.60): VN060704.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060704.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060704.D (-2901) (-)





#64

Tetrachloroethene

Concen: 0.676 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060704.D

Acq: 25 Mar 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20200316

Tot Ion:164 Resp: 1528

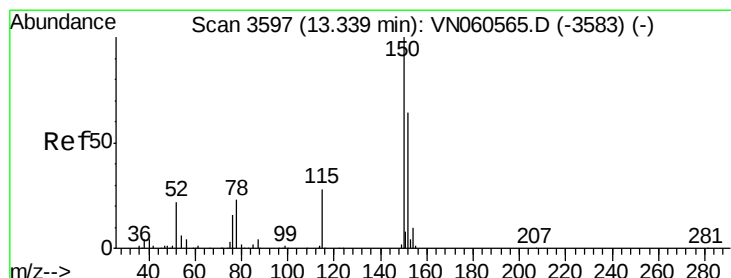
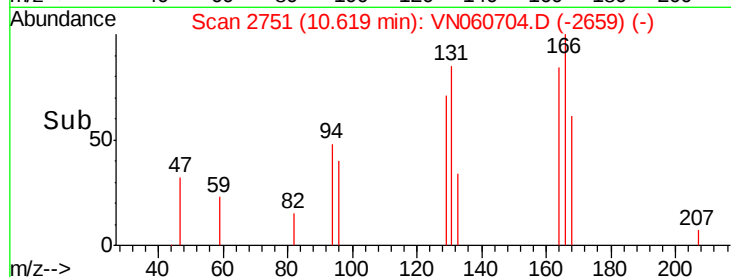
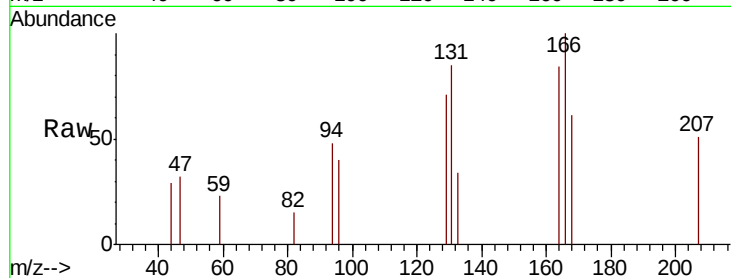
Ion Ratio Lower Upper

164 100

166 119.4 102.7 154.1

129 84.4 77.2 115.8

131 101.8 73.8 110.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060704.D

Acq: 25 Mar 2020 18:37

Tgt Ion:152 Resp: 131805

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 157.2 0.0 350.2

