

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060710.D
 Acq On : 26 Mar 2020 13:33
 Operator : JC/MD
 Sample : L1997-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315

Quant Time: Mar 27 06:51:52 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	204592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	338717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143659	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	132480	47.17	ug/l	0.00
Spiked Amount						
			Recovery	=	94.34%	
35) Dibromofluoromethane	7.56	113	101086	49.36	ug/l	0.00
Spiked Amount						
			Recovery	=	98.72%	
50) Toluene-d8	10.08	98	418827	50.06	ug/l	0.00
Spiked Amount						
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	154724	50.47	ug/l	0.00
Spiked Amount						
			Recovery	=	100.94%	

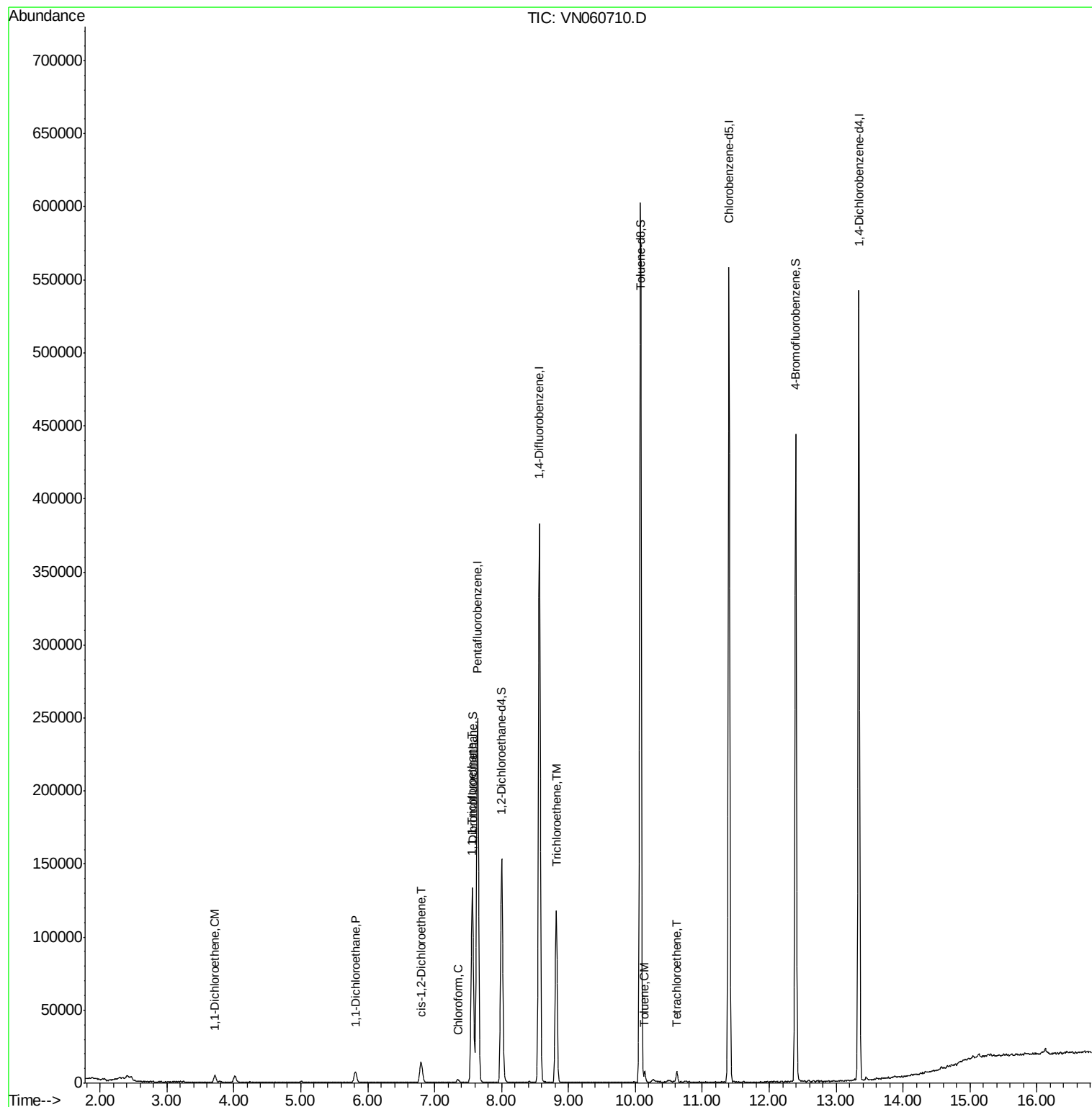
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.71	96	2768	1.250	ug/l	97
24) 1,1-Dichloroethane	5.82	63	12244	2.729	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	10102	3.766	ug/l	89
30) Chloroform	7.35	83	2347	0.546	ug/l	85
32) 1,1,1-Trichloroethane	7.55	97	3512	0.947	ug/l #	51
44) Trichloroethene	8.82	130	43368	17.375	ug/l	98
52) Toluene	10.14	92	3504	0.586	ug/l	96
64) Tetrachloroethene	10.62	164	1698	0.675	ug/l	98

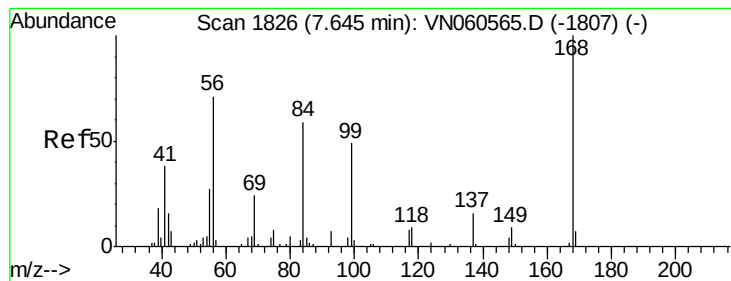
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
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: VN060710.D

Acq: 26 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

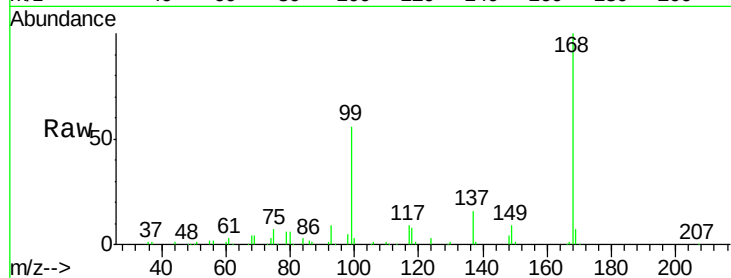
MW203D-20200315

Tot Ion:168 Resp: 204592

Ion Ratio Lower Upper

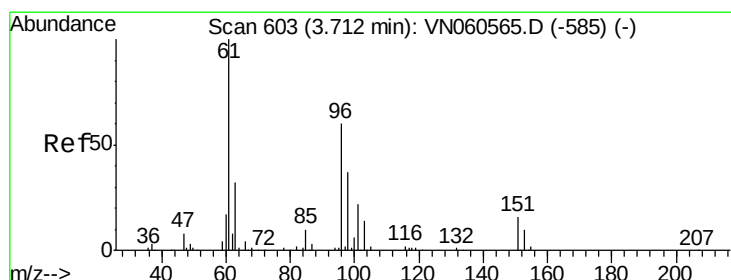
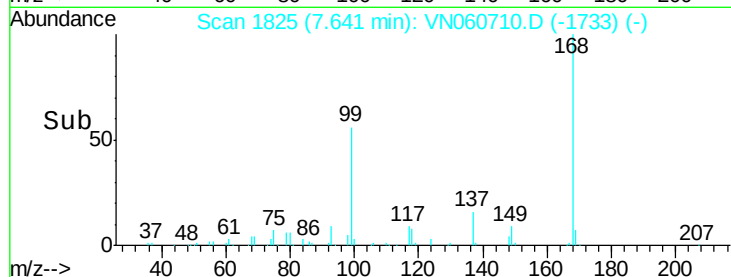
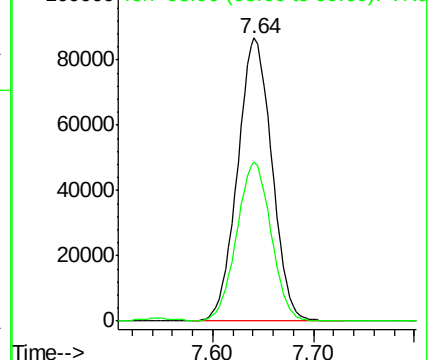
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#12

1,1-Dichloroethene

Concen: 1.250 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN060710.D

Acq: 26 Mar 2020 13:33

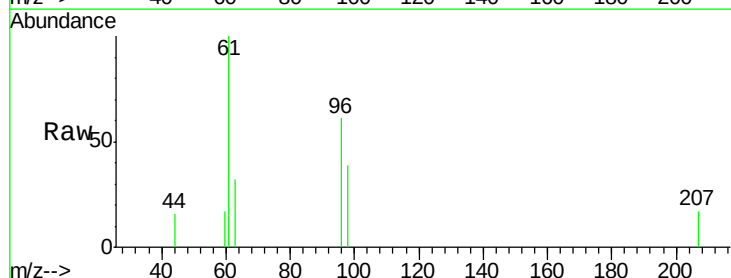
Tgt Ion: 96 Resp: 2768

Ion Ratio Lower Upper

96 100

61 163.0 134.1 201.1

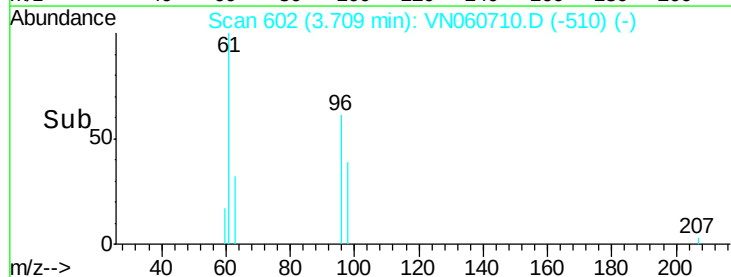
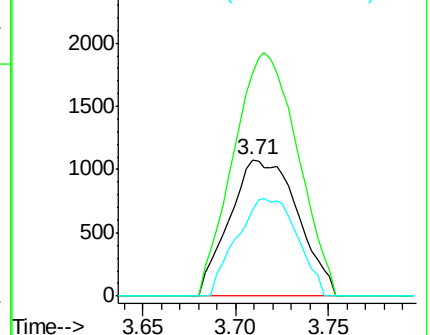
98 62.9 49.9 74.9

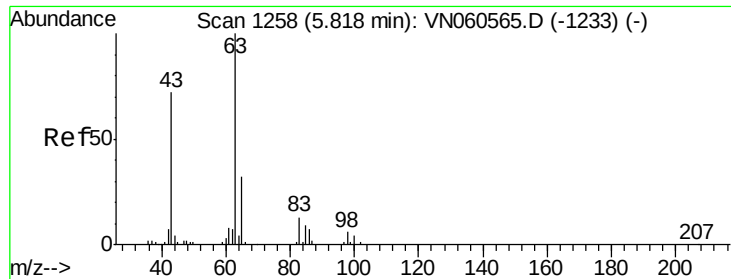


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

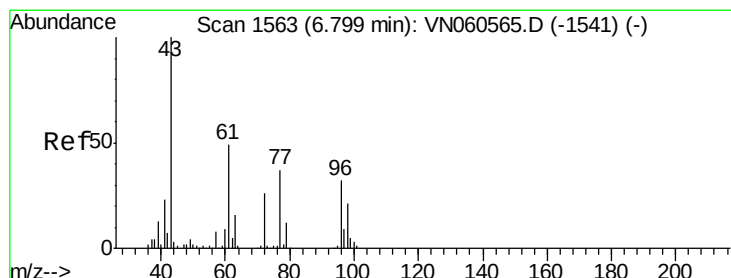
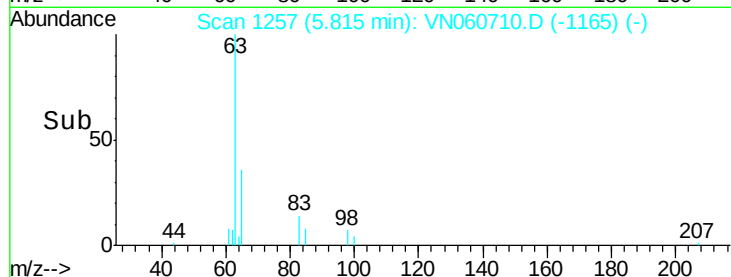
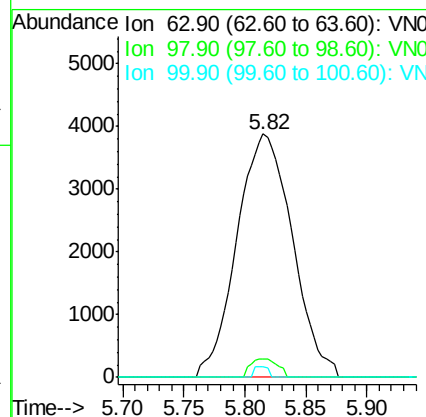
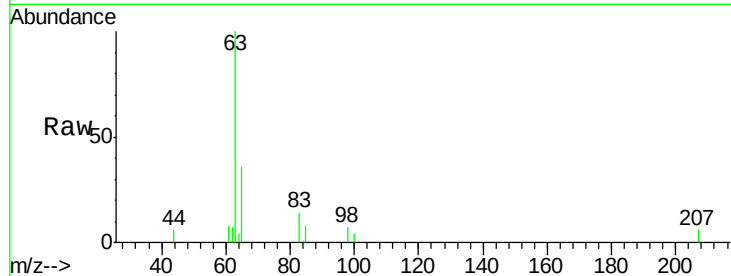




#24
 1,1-Dichloroethane
 Concen: 2.729 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060710.D
 Acq: 26 Mar 2020 13:33

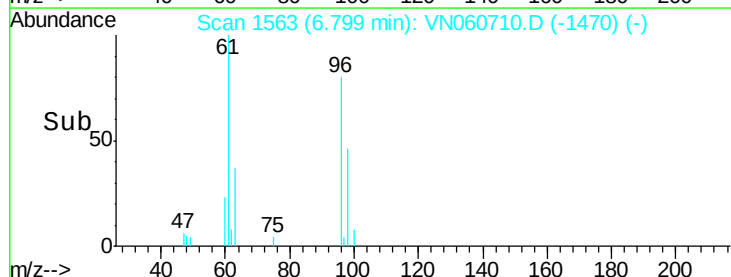
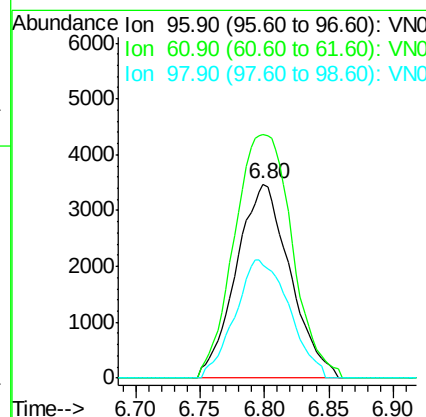
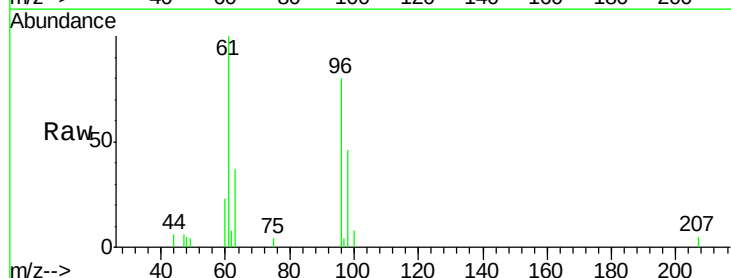
Instrument :
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 MW203D-20200315

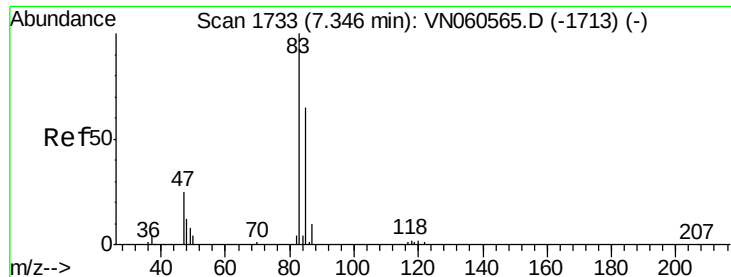
Tot Ion: 63 Resp: 12244
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.7
 100 4.3 1.8 5.5



#27
 cis-1,2-Dichloroethene
 Concen: 3.766 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060710.D
 Acq: 26 Mar 2020 13:33

Tgt Ion: 96 Resp: 10102
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 305.6
 98 61.1 0.0 127.6

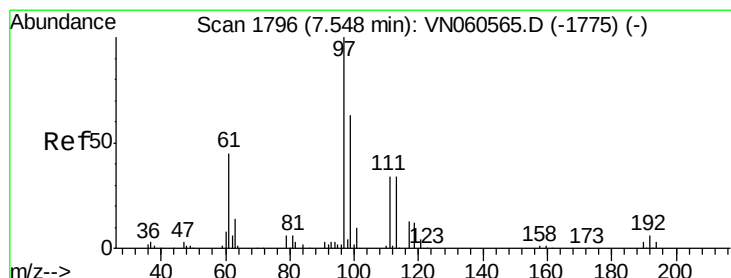
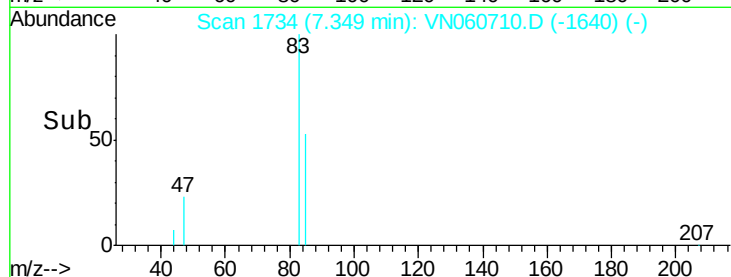
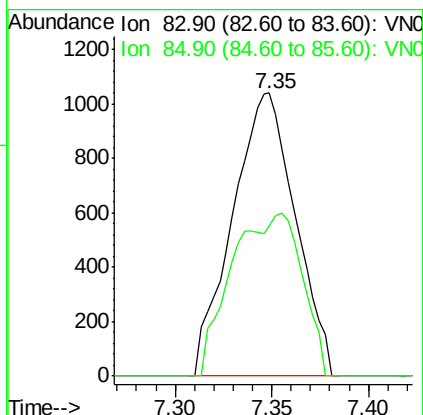
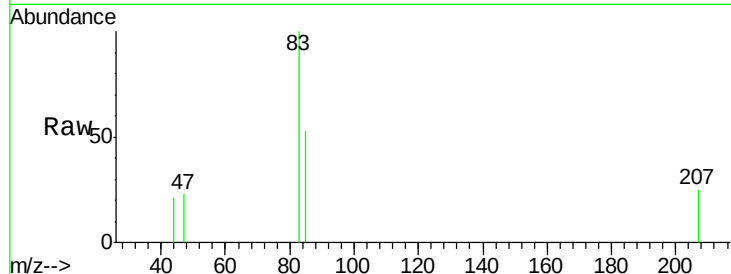




#30
Chloroform
Concen: 0.546 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN060710.D
Acq: 26 Mar 2020 13:33

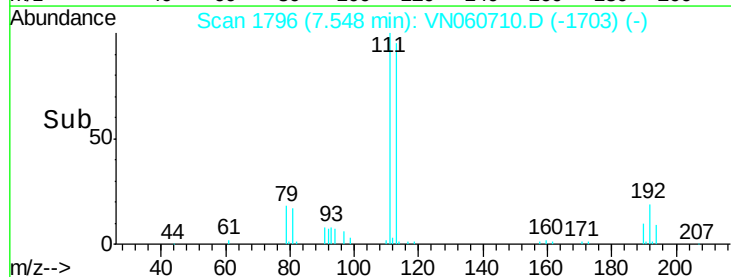
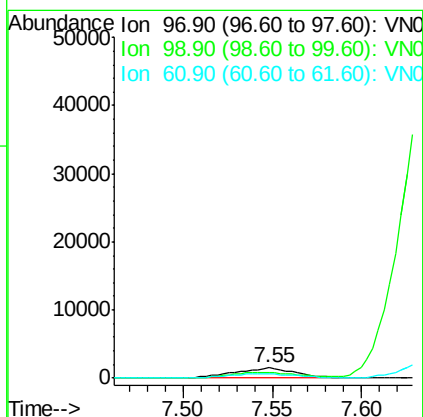
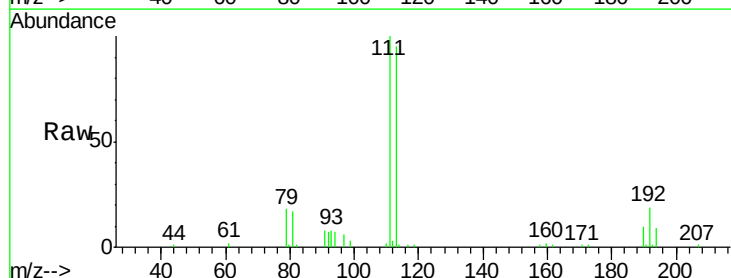
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315

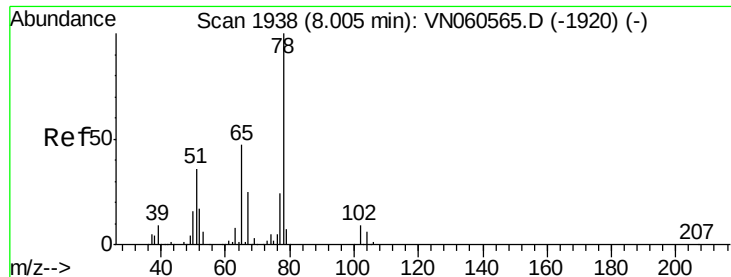
Tot Ion: 83 Resp: 2347
Ion Ratio Lower Upper
83 100
85 53.1 51.8 77.8



#32
1,1,1-Trichloroethane
Concen: 0.947 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060710.D
Acq: 26 Mar 2020 13:33

Tgt Ion: 97 Resp: 3512
Ion Ratio Lower Upper
97 100
99 0.0 50.6 75.8#
61 43.5 36.2 54.4

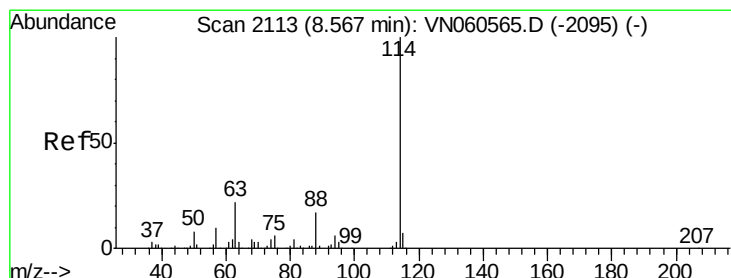
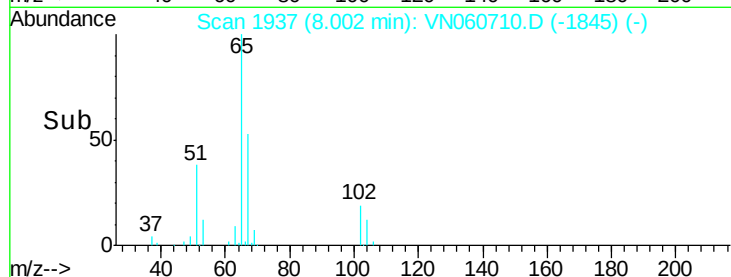
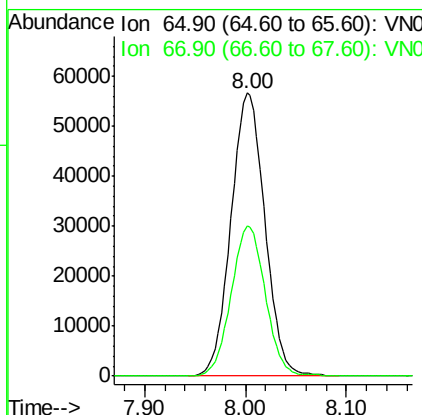
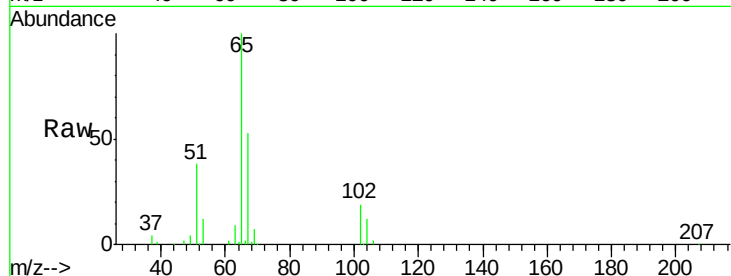




#33
 1,2-Dichloroethane-d4
 Concen: 47.170 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060710.D
 Acq: 26 Mar 2020 13:33

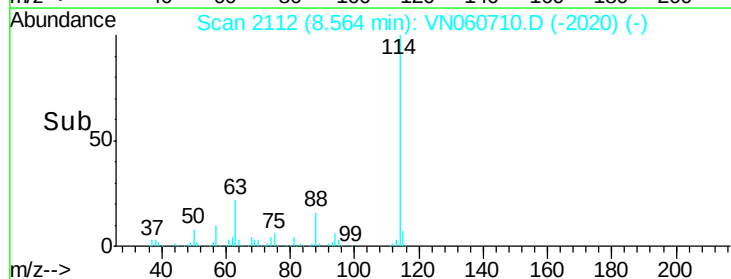
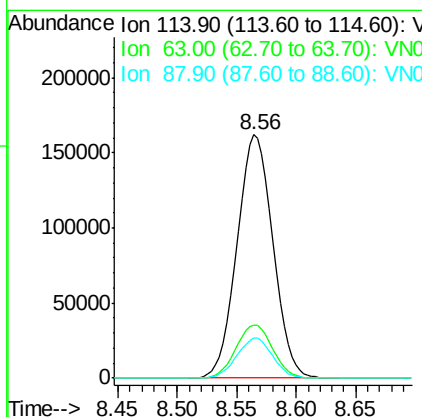
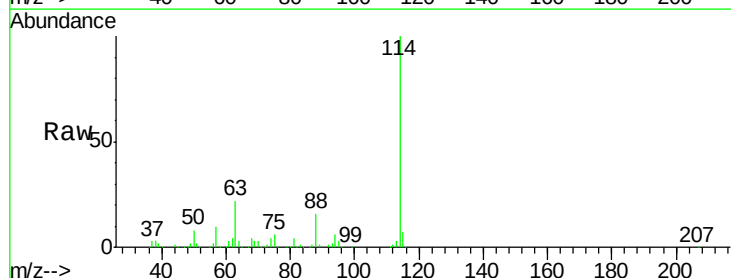
Instrument :
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 MW203D-20200315

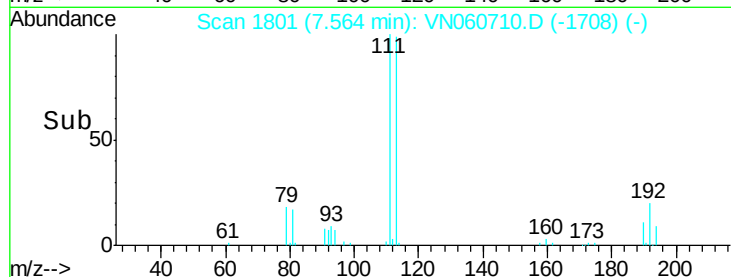
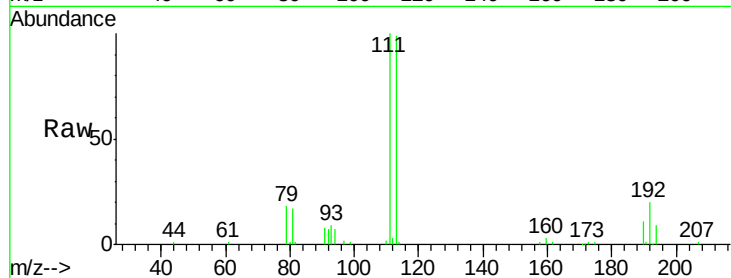
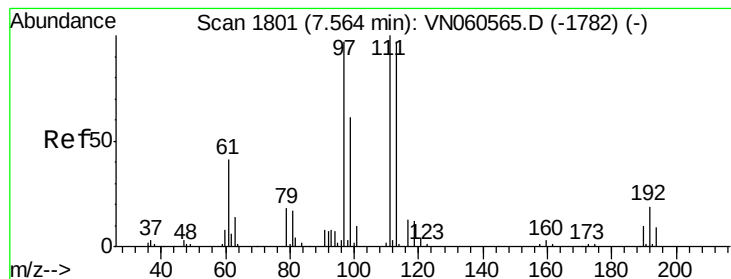
Tot Ion: 65 Resp: 132480
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060710.D
 Acq: 26 Mar 2020 13:33

Tgt Ion: 114 Resp: 338717
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.356 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060710.D

Acq: 26 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315

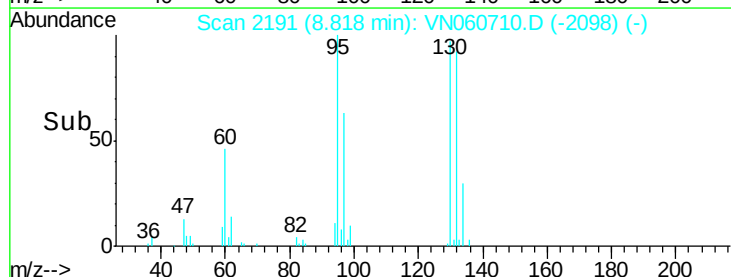
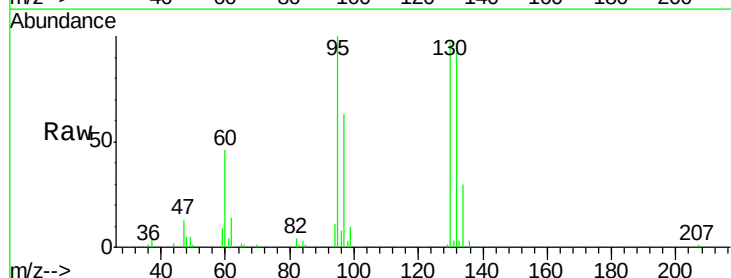
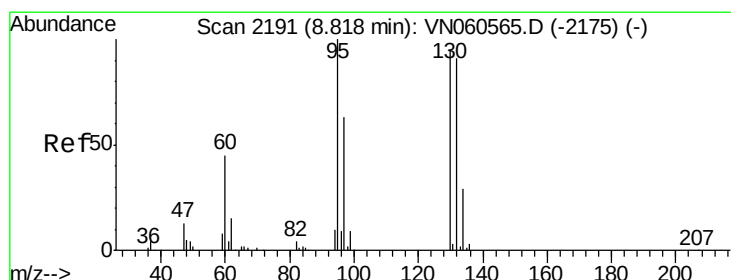
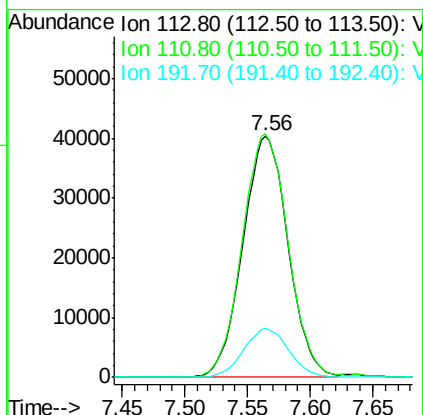
Tot Ion:113 Resp: 101086

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 20.1 15.8 23.8



#44

Trichloroethene

Concen: 17.375 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060710.D

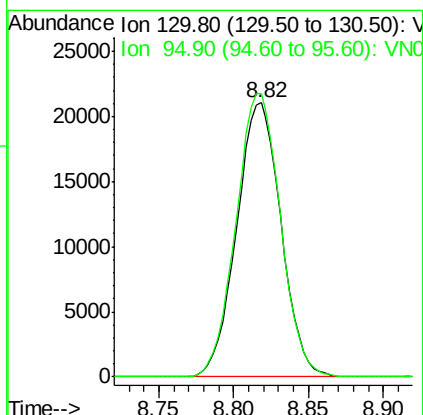
Acq: 26 Mar 2020 13:33

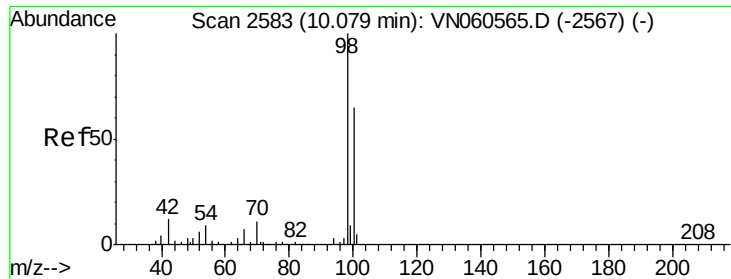
Tgt Ion:130 Resp: 43368

Ion Ratio Lower Upper

130 100

95 103.2 0.0 211.2

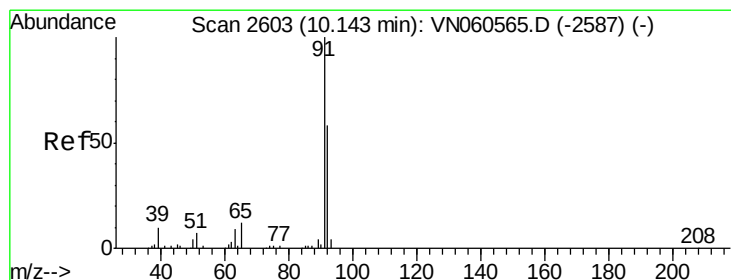
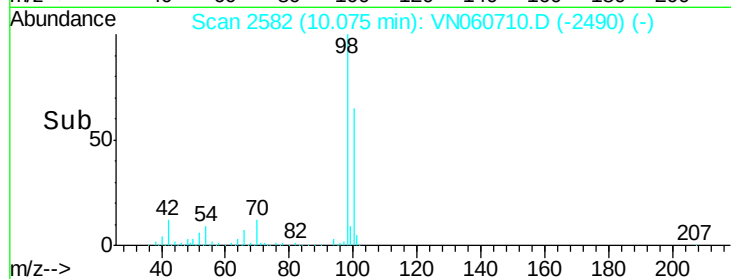
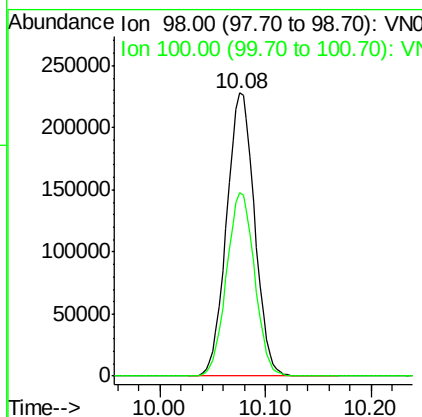
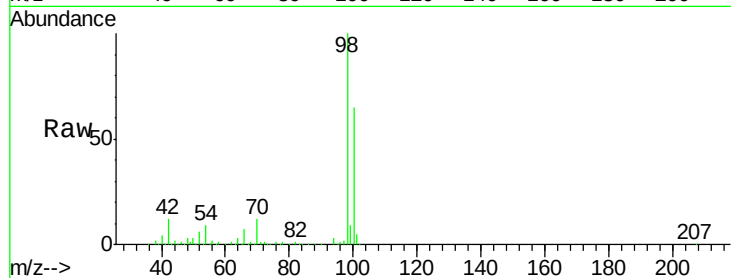




#50
Toluene-d8
Concen: 50.065 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060710.D
Acq: 26 Mar 2020 13:33

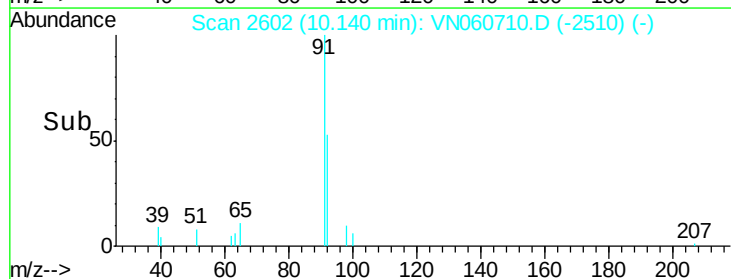
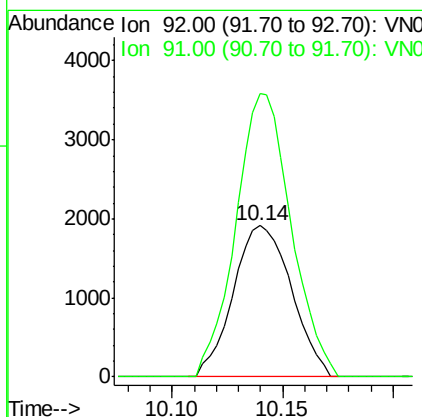
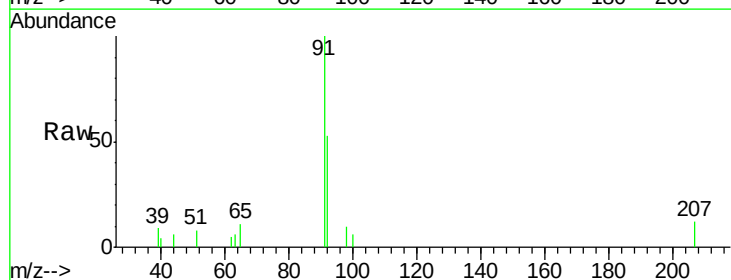
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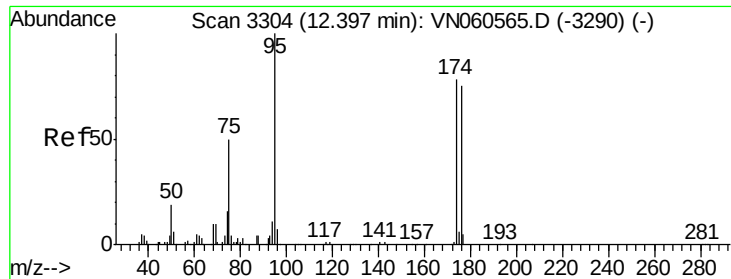
Tot Ion: 98 Resp: 418827
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#52
Toluene
Concen: 0.586 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060710.D
Acq: 26 Mar 2020 13:33

Tgt Ion: 92 Resp: 3504
Ion Ratio Lower Upper
92 100
91 178.0 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 50.466 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060710.D

Acq: 26 Mar 2020 13:33

Instrument :

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ClientSampleId :

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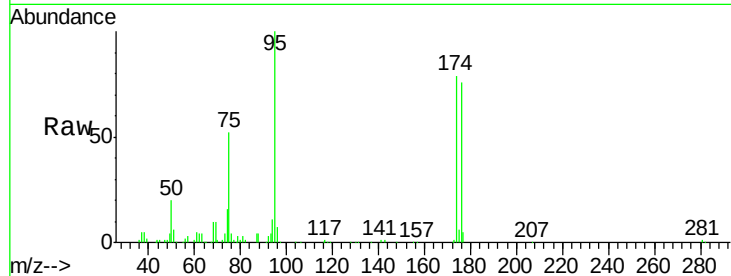
Tot Ion: 95 Resp: 154724

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

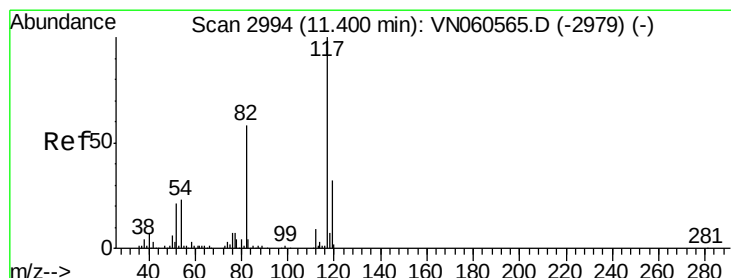
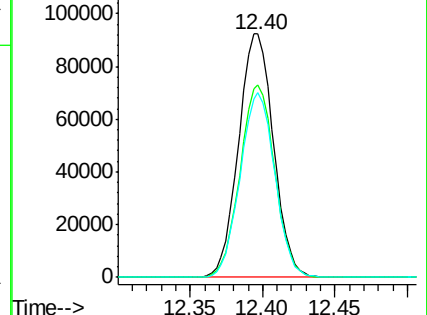
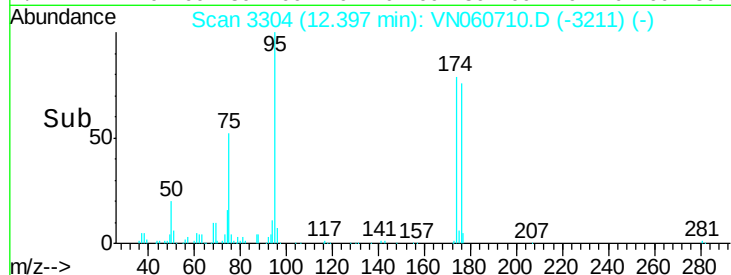
176 75.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060710.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060710.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060710.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060710.D

Acq: 26 Mar 2020 13:33

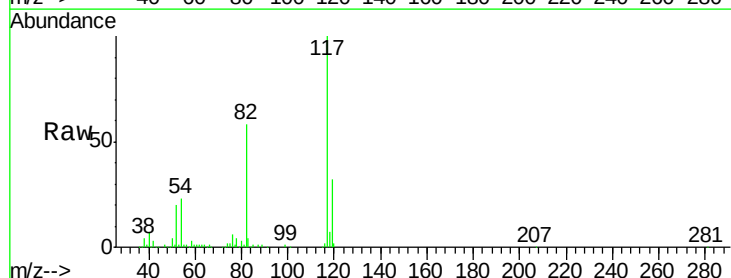
Tgt Ion: 117 Resp: 319634

Ion Ratio Lower Upper

117 100

82 58.4 46.7 70.1

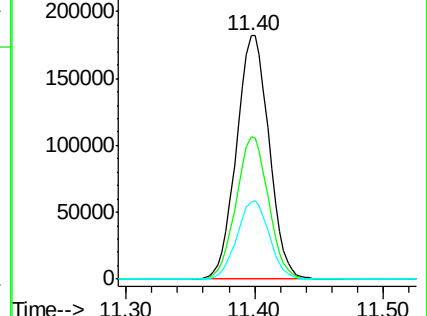
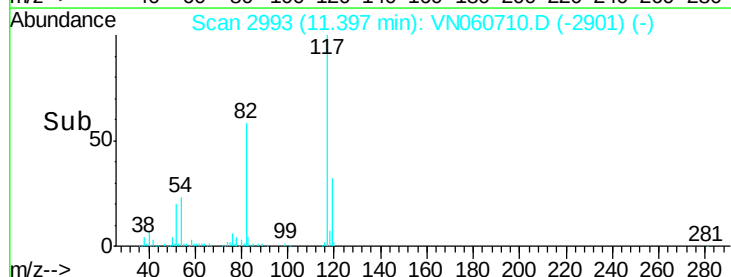
119 31.9 25.5 38.3

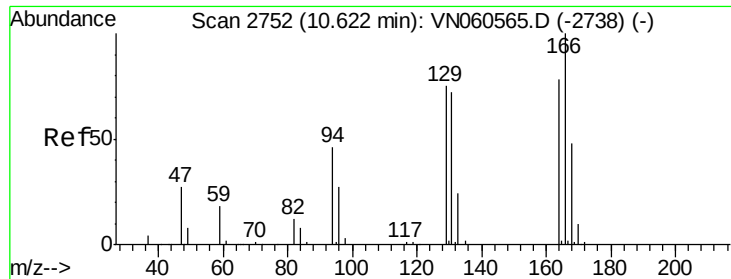


Abundance Ion 116.90 (116.60 to 117.60): VN060710.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060710.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060710.D (-2901) (-)





#64

Tetrachloroethene

Concen: 0.675 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060710.D

Acq: 26 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:164 Resp: 1698

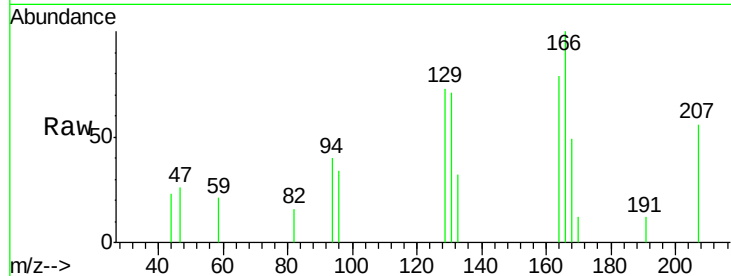
Ion Ratio Lower Upper

164 100

166 127.0 102.7 154.1

129 92.6 77.2 115.8

131 90.4 73.8 110.6

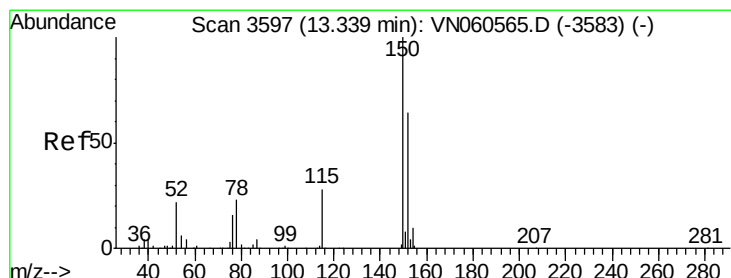
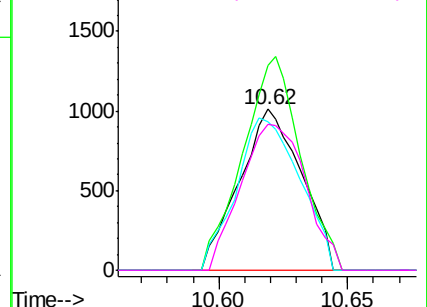
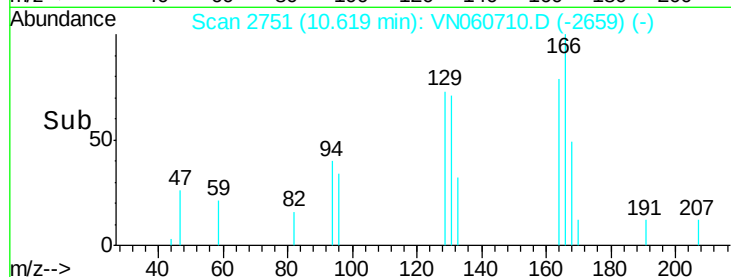


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN060710.D

Acq: 26 Mar 2020 13:33

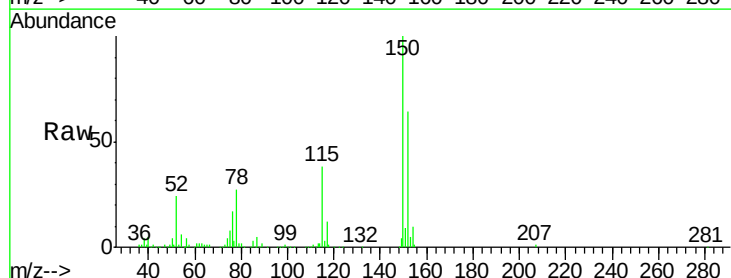
Tgt Ion:152 Resp: 143659

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 156.7 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

