

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060715.D
 Acq On : 26 Mar 2020 15:26
 Operator : JC/MD
 Sample : L1997-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

Quant Time: Mar 27 07:06:22 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

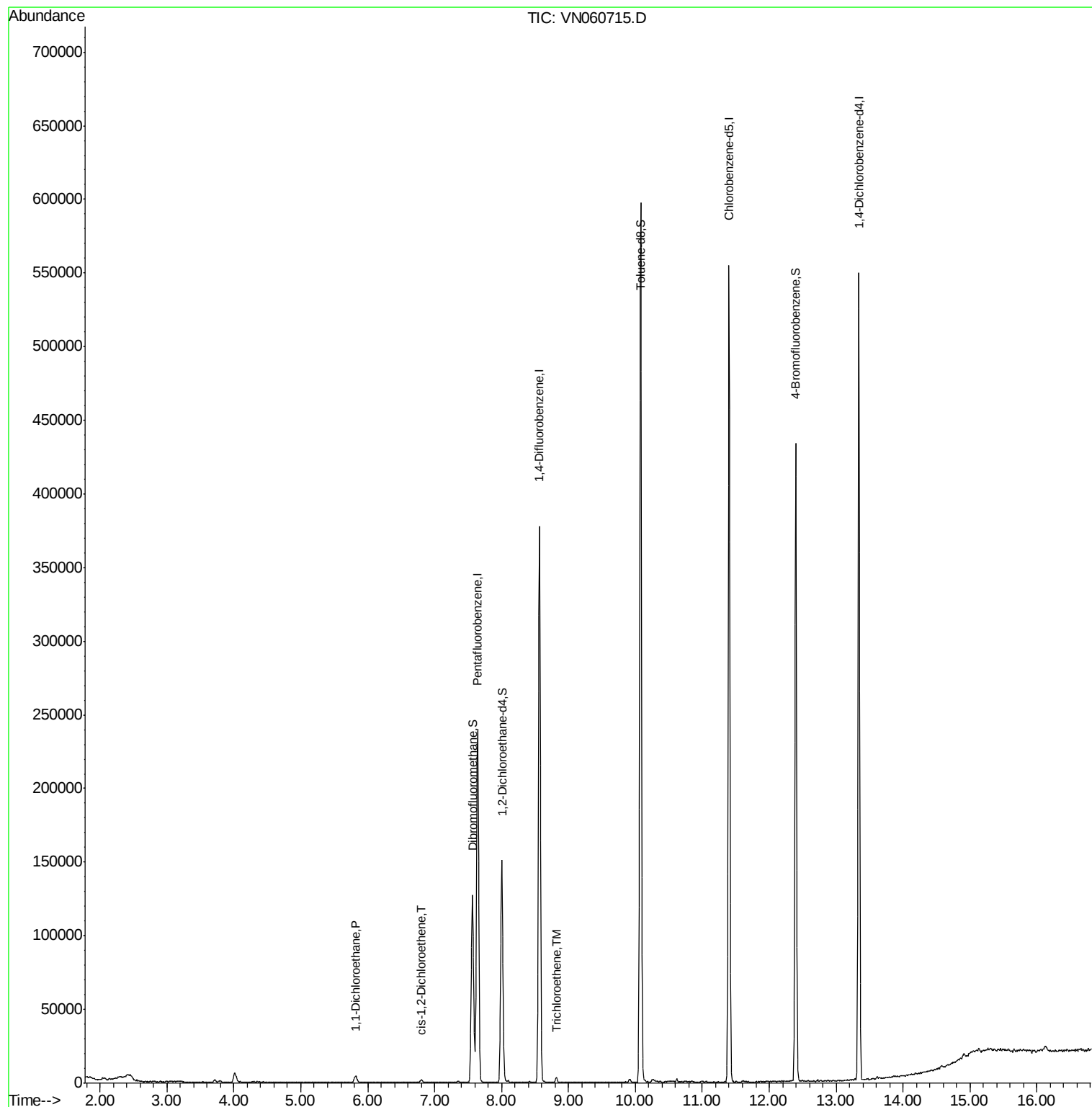
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130014	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	7.57	113	98718	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.08	98	405366	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	152294	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
24) 1,1-Dichloroethane	5.82	63	8257	1.925	ug/l #	94
27) cis-1,2-Dichloroethene	6.79	96	1340	0.522	ug/l	84
44) Trichloroethene	8.82	130	1409	0.578	ug/l	98

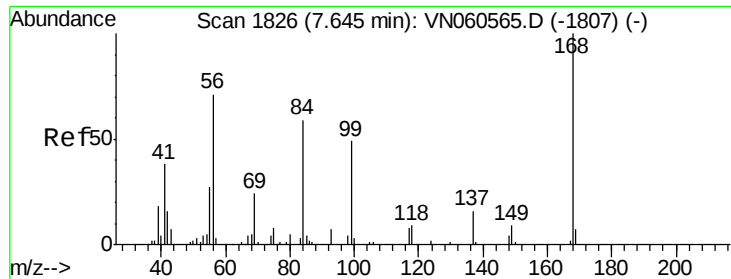
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032620\
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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: VN060715.D

Acq: 26 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

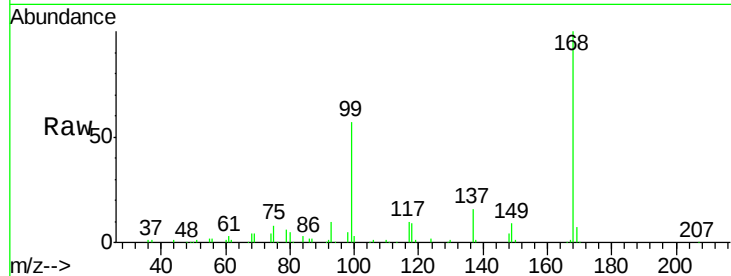
MW203D2-20200315

Tot Ion:168 Resp: 195580

Ion Ratio Lower Upper

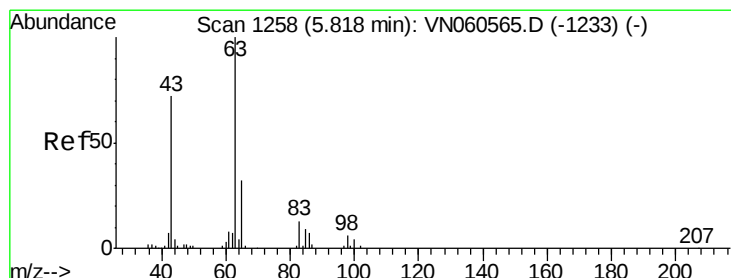
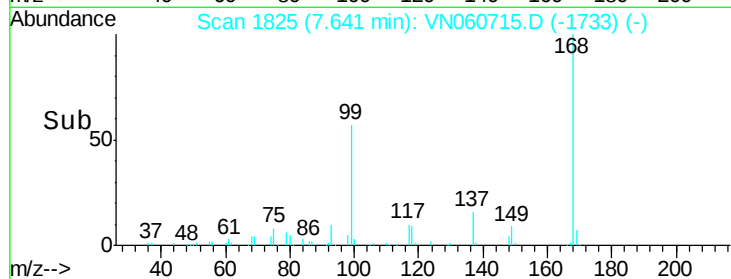
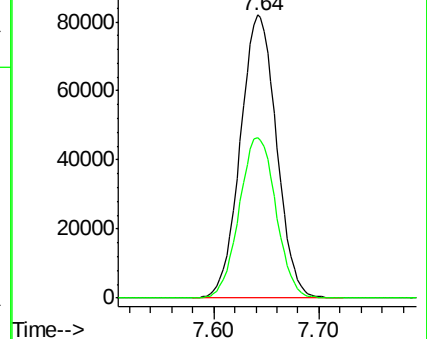
168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#24

1,1-Dichloroethane

Concen: 1.925 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060715.D

Acq: 26 Mar 2020 15:26

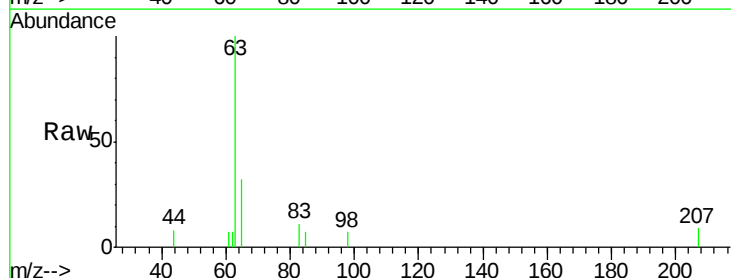
Tgt Ion: 63 Resp: 8257

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.7

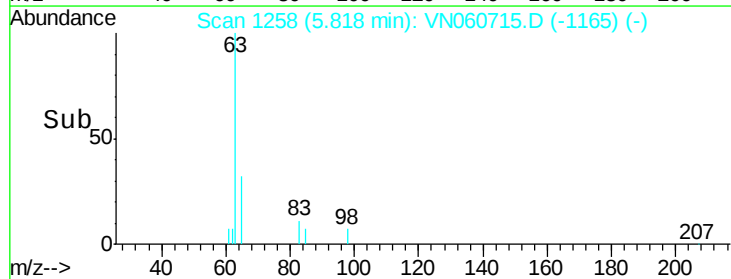
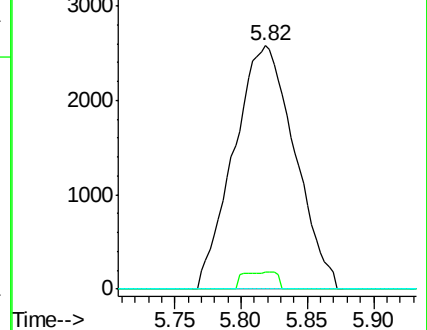
100 0.0 1.8 5.5#

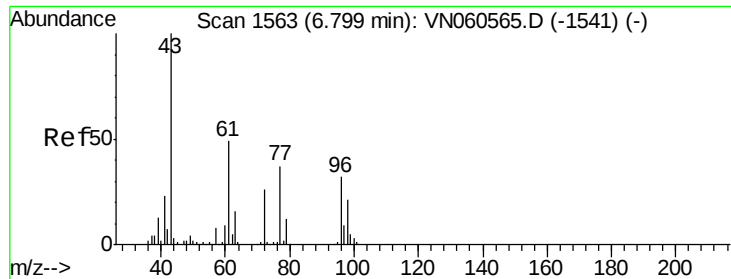


Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN

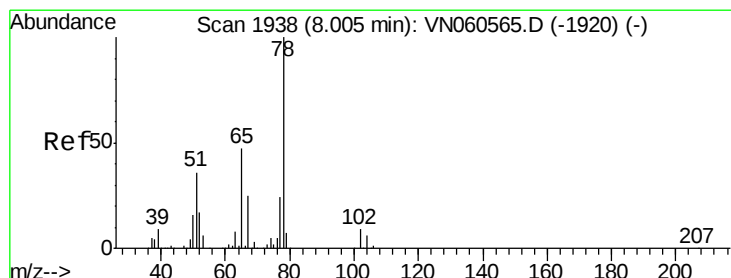
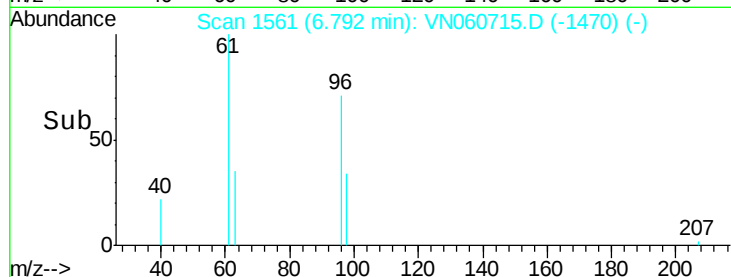
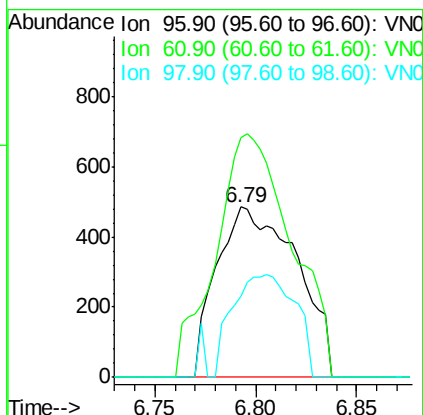
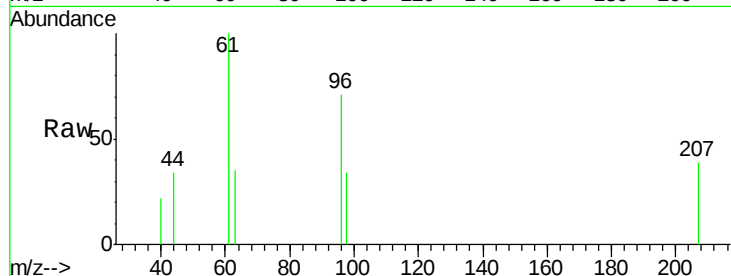




#27
 cis-1,2-Dichloroethene
 Concen: 0.522 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VN060715.D
 Acq: 26 Mar 2020 15:26

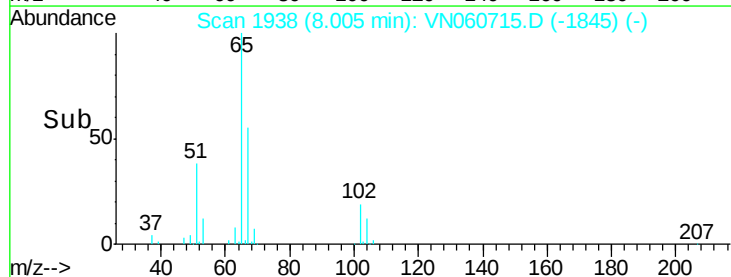
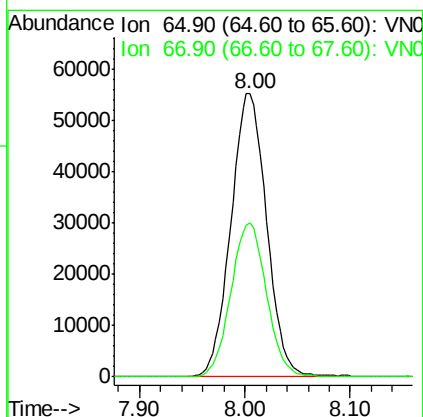
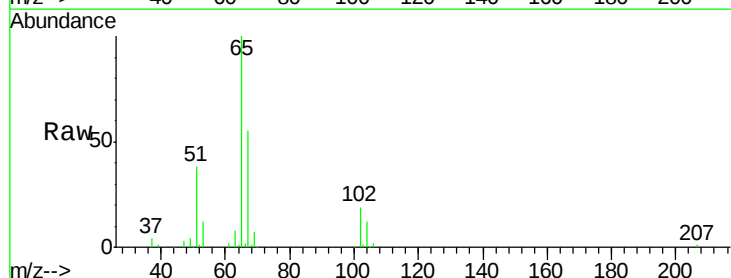
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

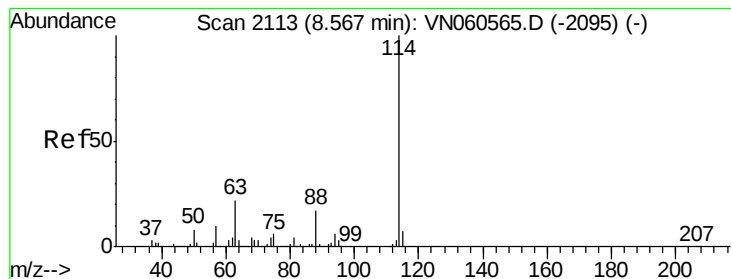
Tot Ion: 96 Resp: 1340
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 305.6
 98 47.3 0.0 127.6



#33
 1,2-Dichloroethane-d4
 Concen: 48.425 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060715.D
 Acq: 26 Mar 2020 15:26

Tgt Ion: 65 Resp: 130014
 Ion Ratio Lower Upper
 65 100
 67 54.1 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: VN060715.D

Acq: 26 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

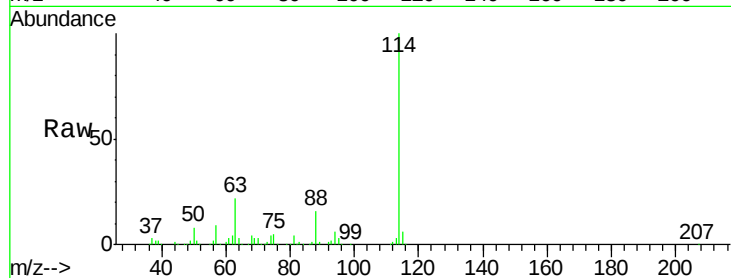
Tot Ion:114 Resp: 330594

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

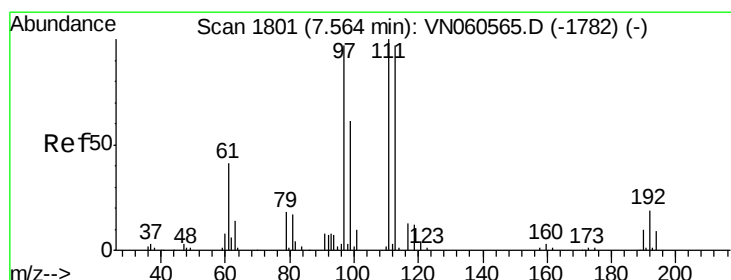
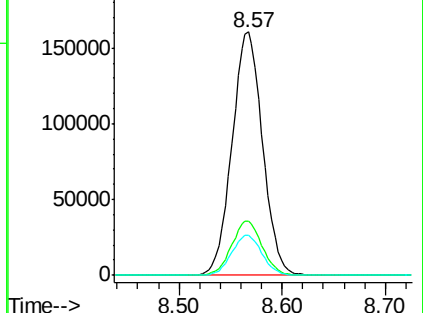
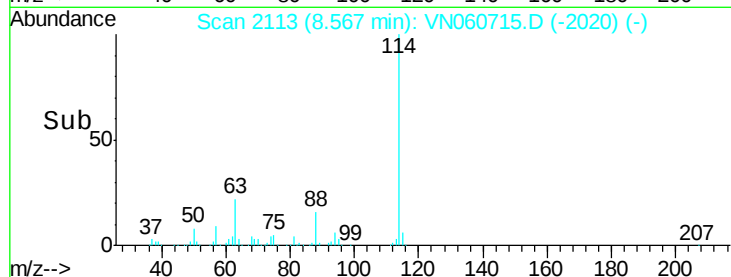
88 16.4 0.0 33.0



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: 49.384 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060715.D

Acq: 26 Mar 2020 15:26

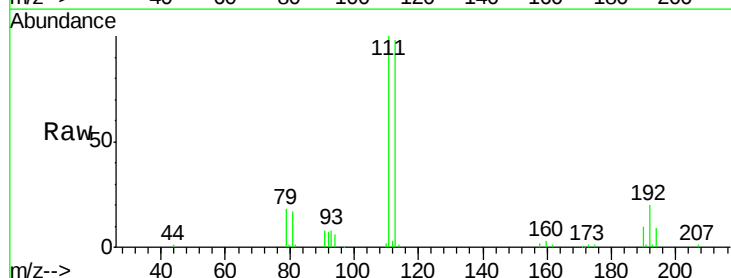
Tgt Ion:113 Resp: 98718

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

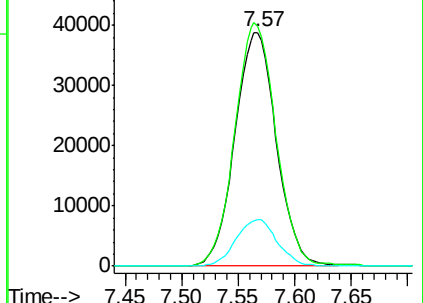
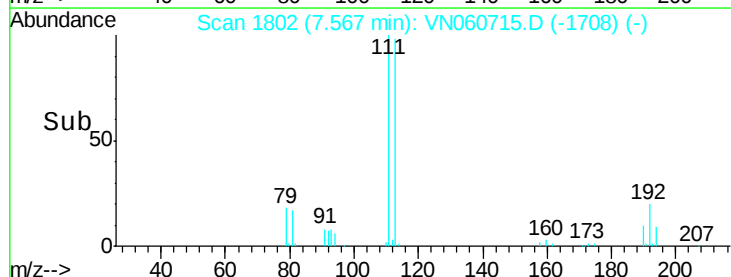
192 19.8 15.8 23.8

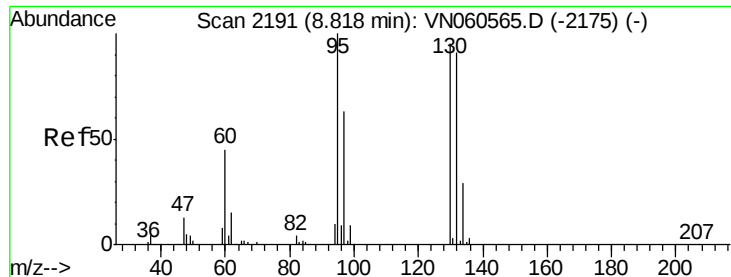


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.578 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060715.D

Acq: 26 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

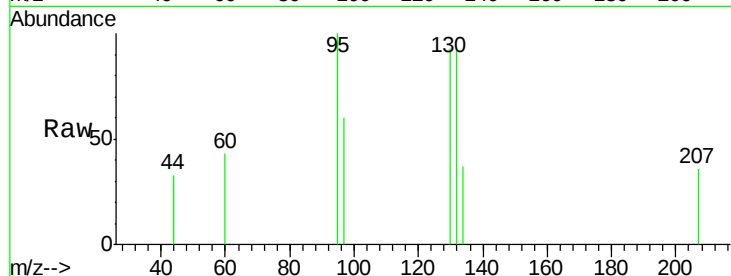
MW203D2-20200315

Tot Ion:130 Resp: 1409

Ion Ratio Lower Upper

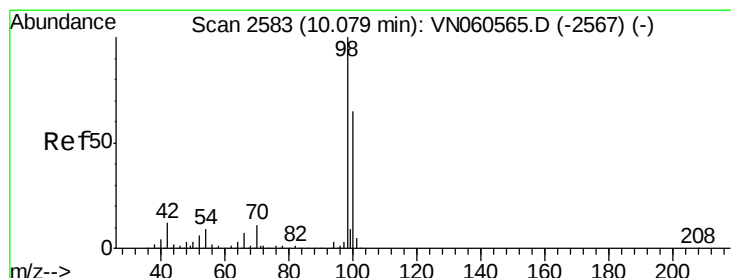
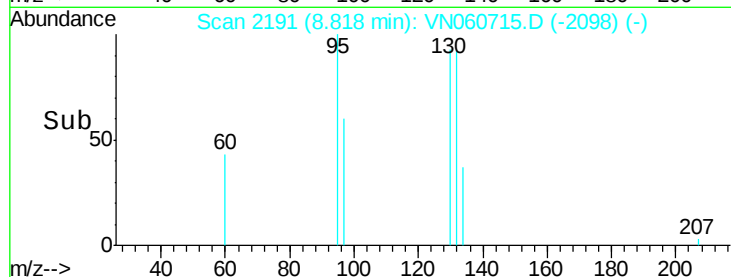
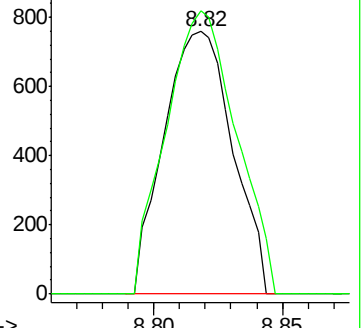
130 100

95 107.8 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#50

Toluene-d8

Concen: 49.646 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060715.D

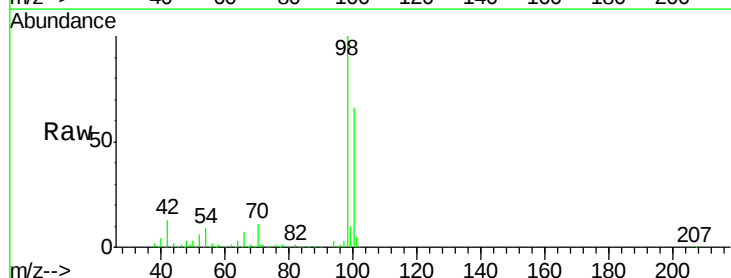
Acq: 26 Mar 2020 15:26

Tgt Ion: 98 Resp: 405366

Ion Ratio Lower Upper

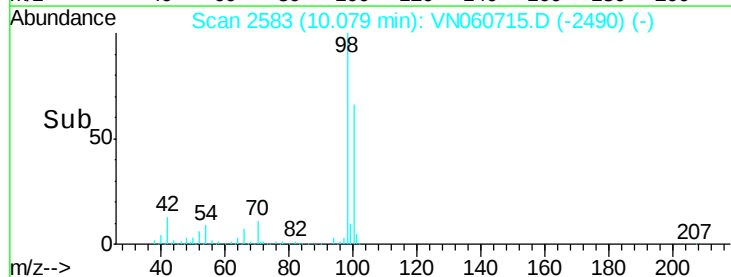
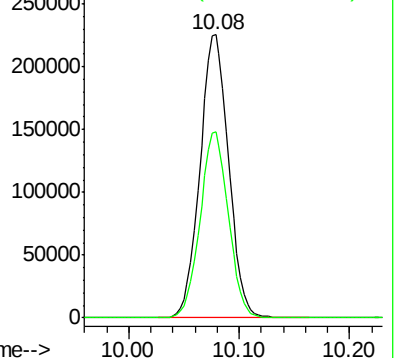
98 100

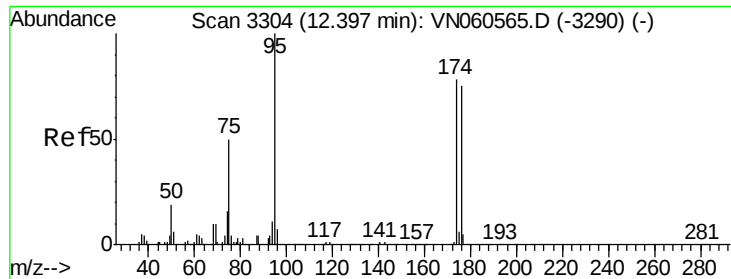
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.894 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060715.D

Acq: 26 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

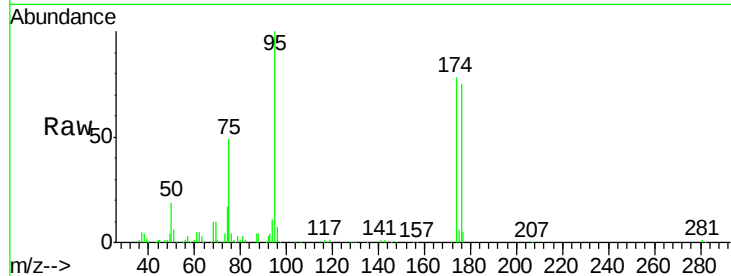
Tot Ion: 95 Resp: 152294

Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.6

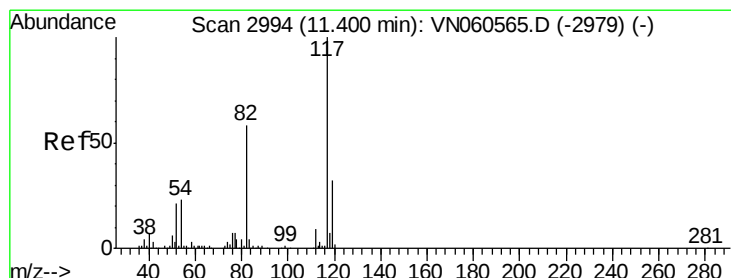
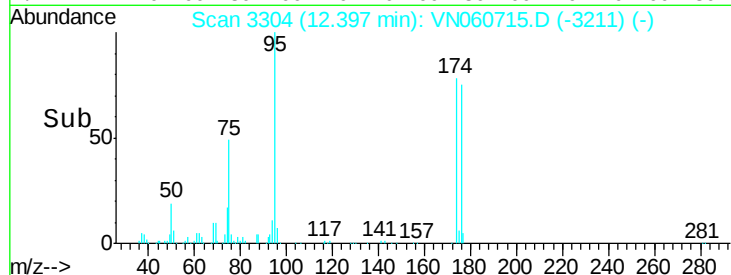
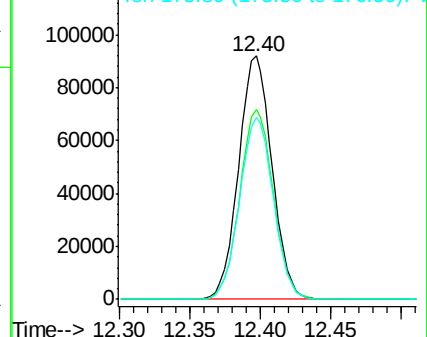
176 75.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060715.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060715.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060715.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060715.D

Acq: 26 Mar 2020 15:26

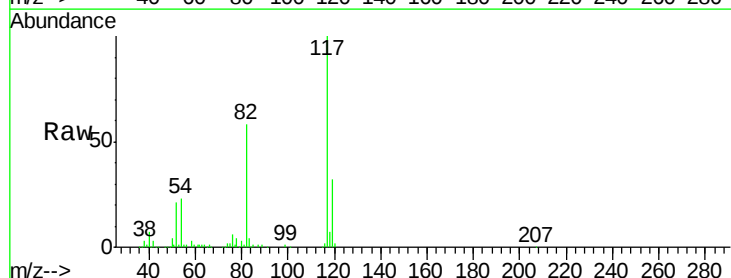
Tgt Ion: 117 Resp: 308948

Ion Ratio Lower Upper

117 100

82 57.7 46.7 70.1

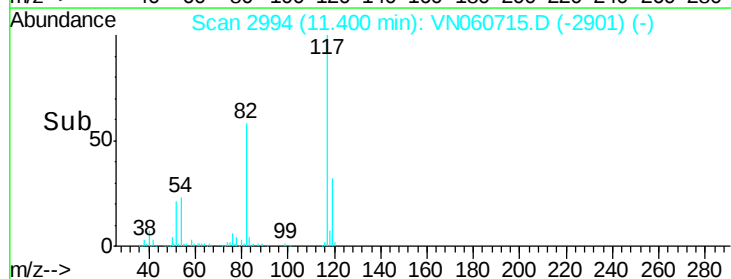
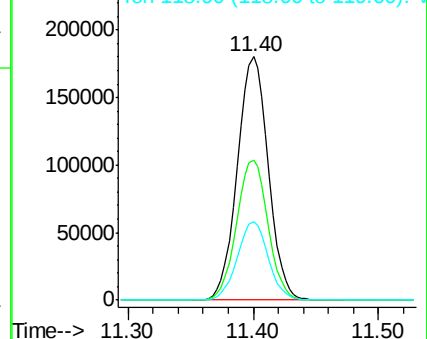
119 32.2 25.5 38.3

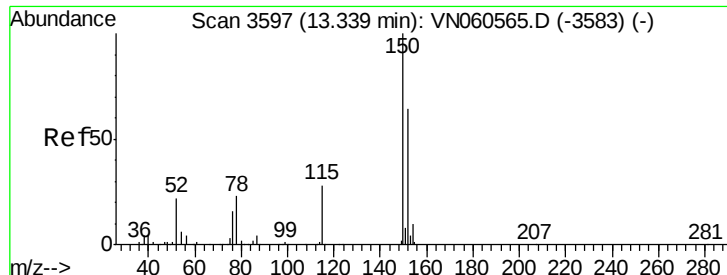


Abundance Ion 116.90 (116.60 to 117.60): VN060715.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060715.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060715.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060715.D

Acq: 26 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

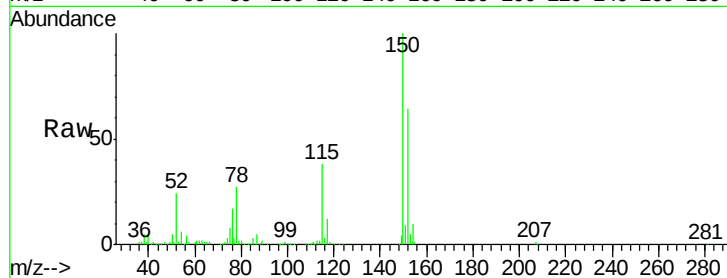
Tot Ion:152 Resp: 142709

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 156.3 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

