

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060702.D
 Acq On : 25 Mar 2020 17:07
 Operator : JC/MD
 Sample : L1997-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

Quant Time: Mar 26 02:51:25 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	184101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	305371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134748	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	122361	48.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.84%	
35) Dibromofluoromethane	7.56	113	92650	50.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.36%	
50) Toluene-d8	10.08	98	379122	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	143609	51.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.92%	

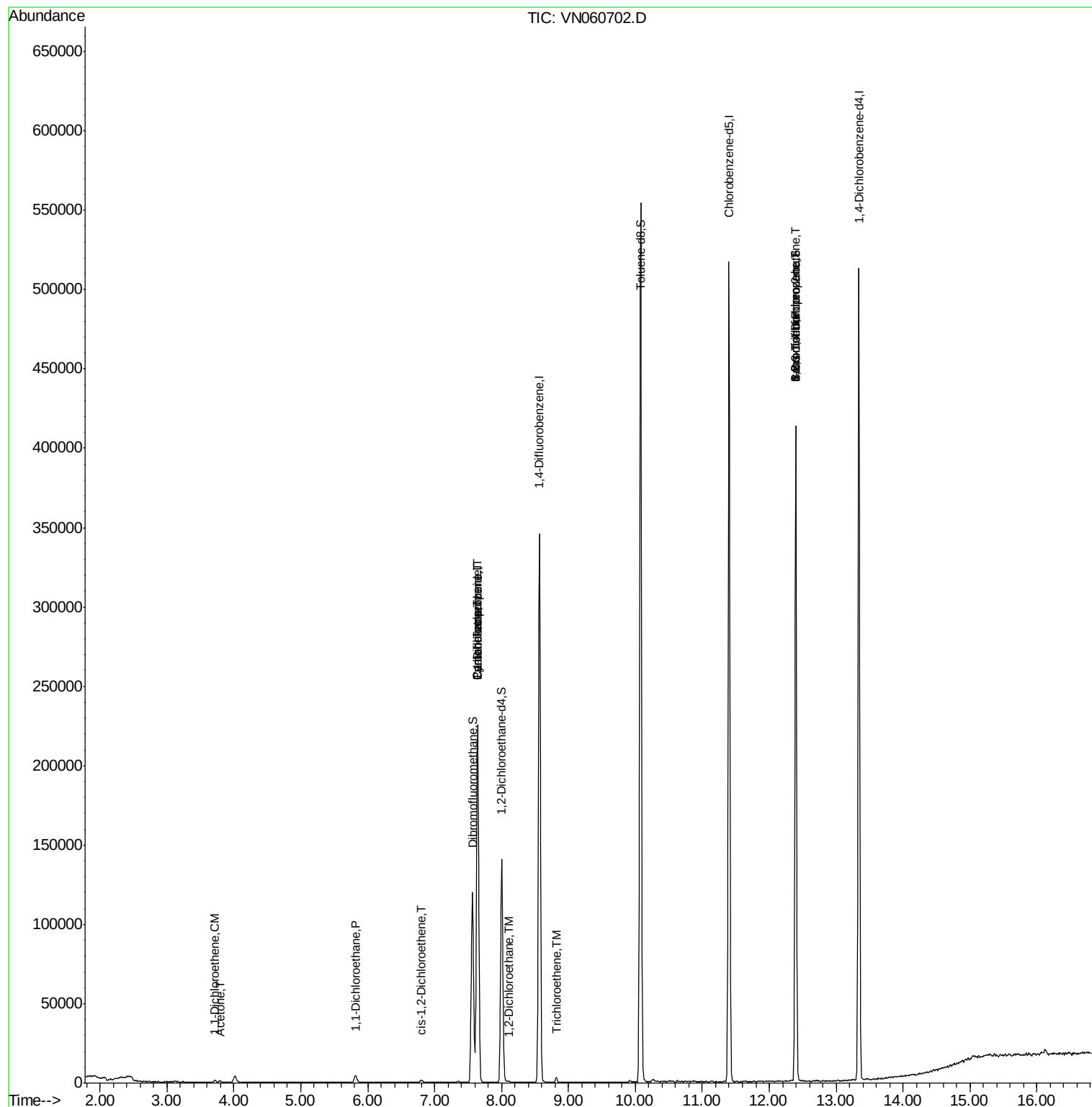
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.71	96	827	0.415	ug/l	87
16) Acetone	3.78	43	1651	1.844	ug/l	97
24) 1,1-Dichloroethane	5.81	63	7689	1.904	ug/l #	93
27) cis-1,2-Dichloroethene	6.80	96	1132	0.469	ug/l	75
31) Cyclohexane	7.64	56	3954	0.971	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14337	4.849	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17343	6.544	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	802	0.263	ug/l #	75
44) Trichloroethene	8.82	130	1180	0.524	ug/l	96
71) Bromoform	12.39	173	117	1.746	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	71717	24.665	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	71717	63.348	ug/l #	13

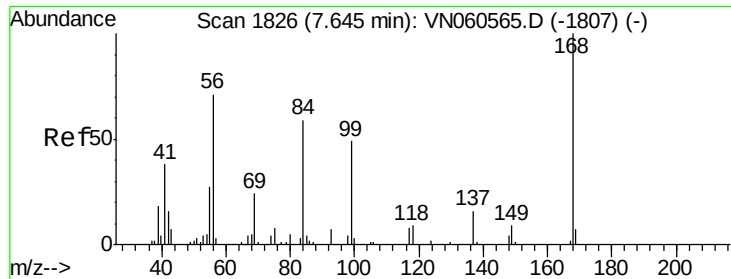
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
Data File : VN060702.D
Acq On : 25 Mar 2020 17:07
Operator : JC/MD
Sample : L1997-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20200315

Quant Time: Mar 26 02:51:25 2020
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: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

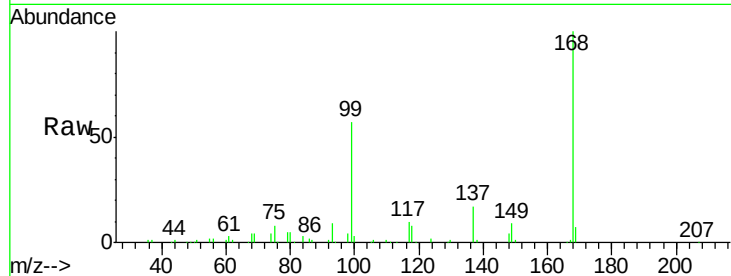
MW203D2-20200315

Tgt Ion:168 Resp: 184101

Ion Ratio Lower Upper

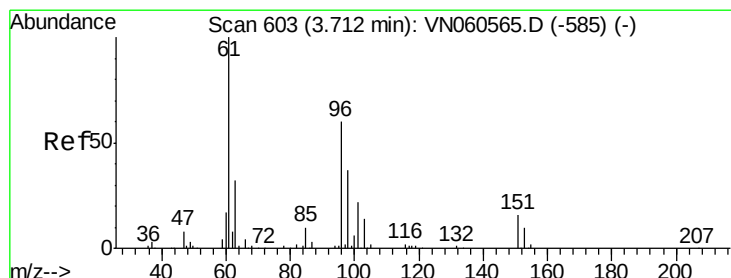
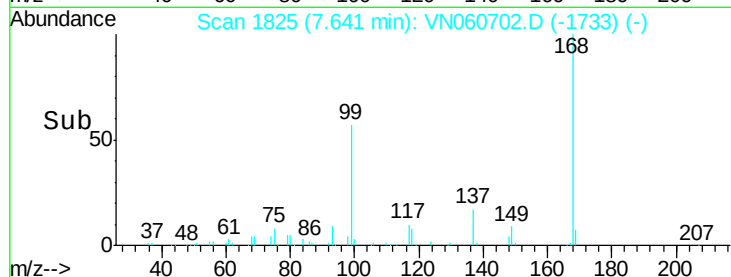
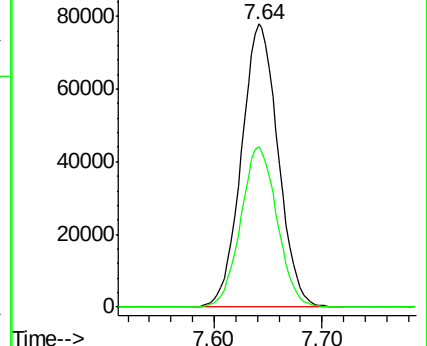
168 100

99 56.8 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: 0.415 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

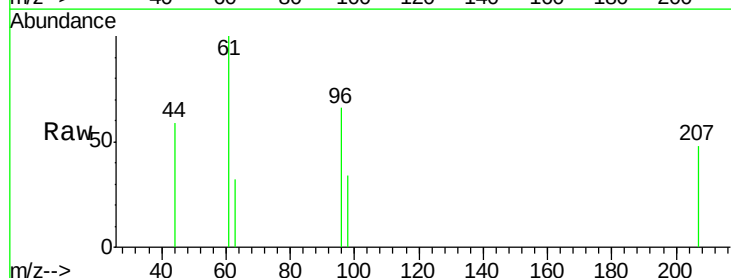
Tgt Ion: 96 Resp: 827

Ion Ratio Lower Upper

96 100

61 151.1 134.1 201.1

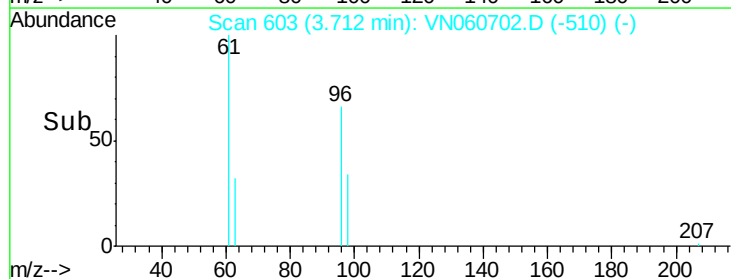
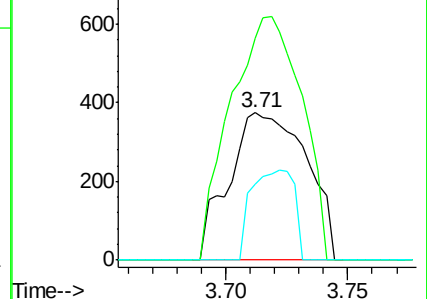
98 51.6 49.9 74.9

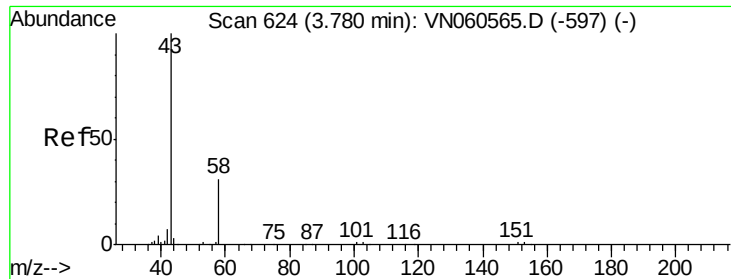


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN





#16

Acetone

Concen: 1.844 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

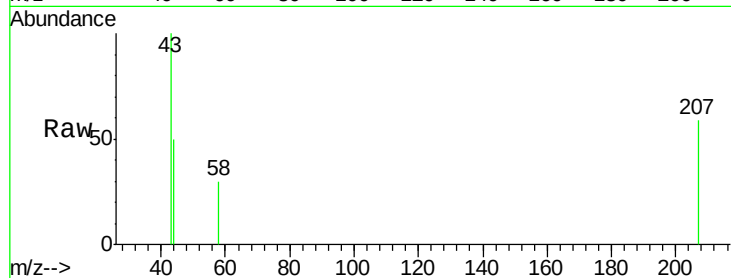
MW203D2-20200315

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

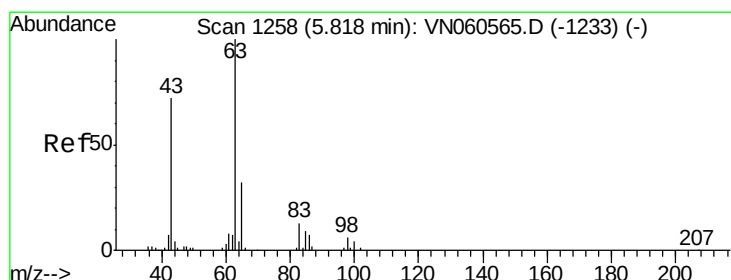
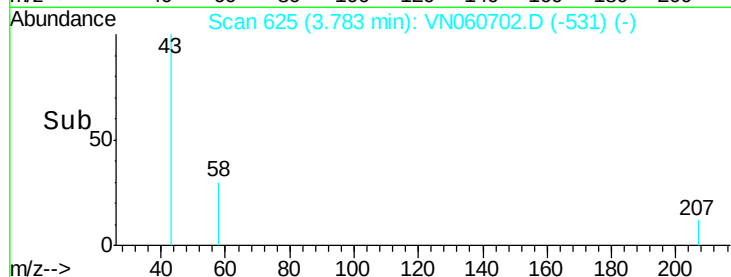
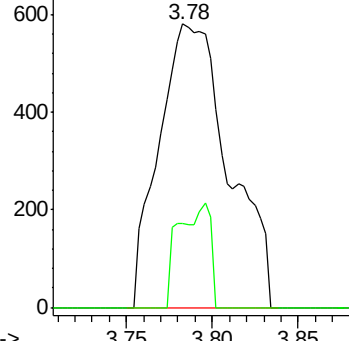
43 100

58 29.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#24

1,1-Dichloroethane

Concen: 1.904 ug/l

RT: 5.81 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

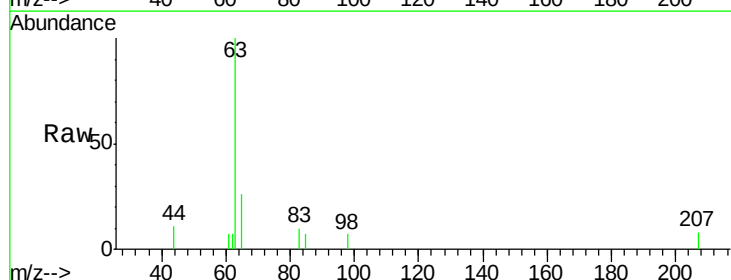
Tgt Ion: 63 Resp: 7689

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.7

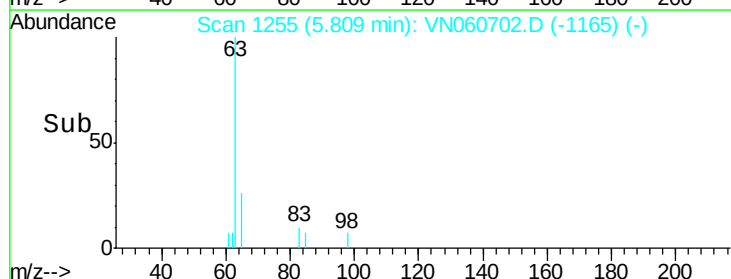
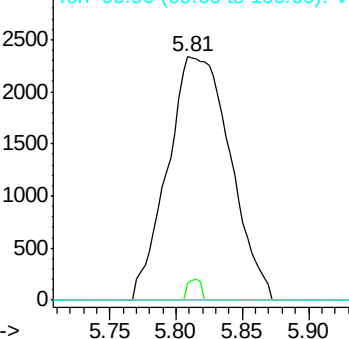
100 0.0 1.8 5.5#

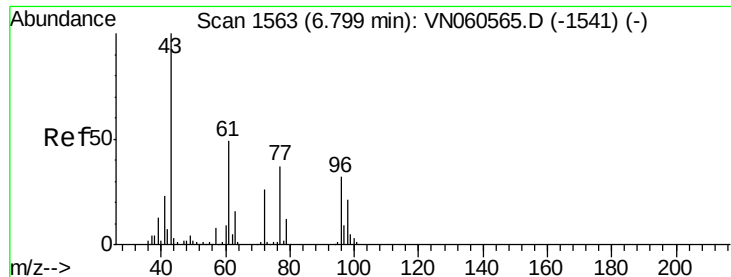


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

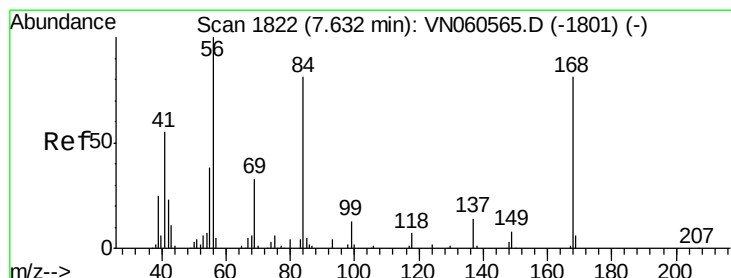
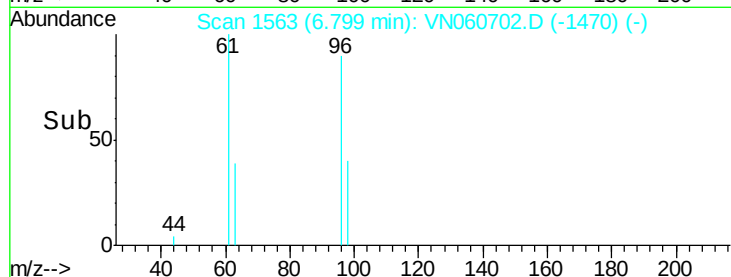
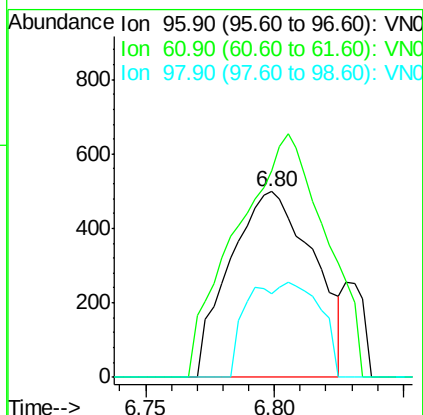
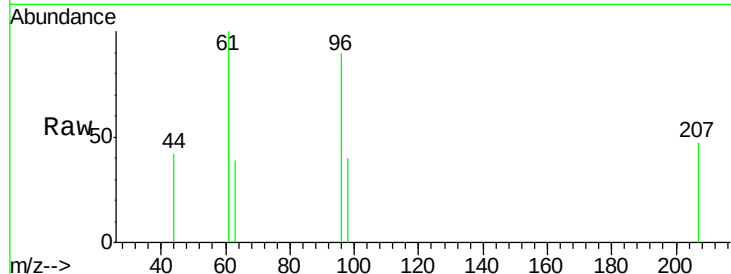




#27
 cis-1,2-Dichloroethene
 Concen: 0.469 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

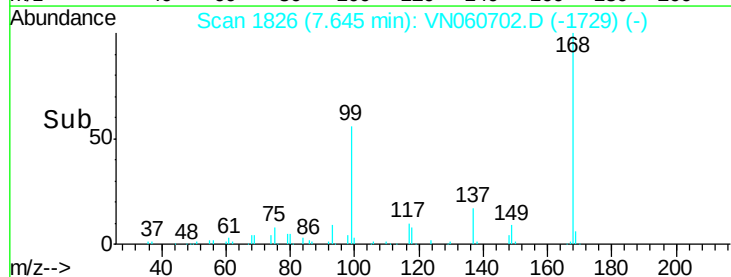
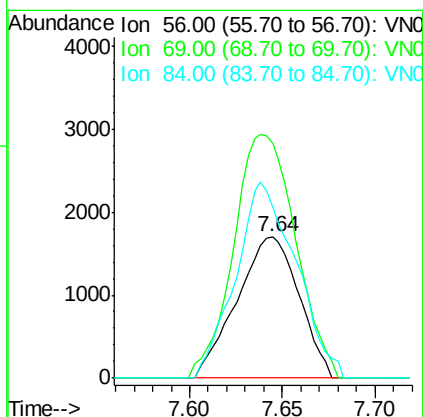
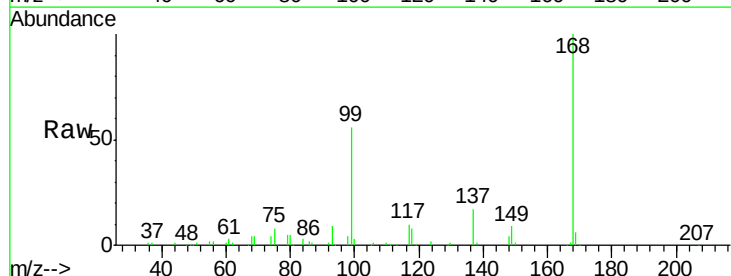
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

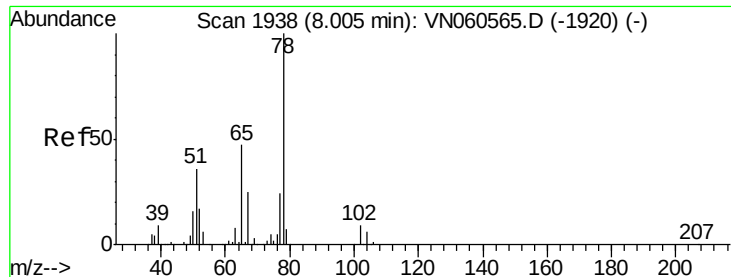
Tgt Ion: 96 Resp: 1132
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 305.6
 98 18.1 0.0 127.6



#31
 Cyclohexane
 Concen: 0.971 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Tgt Ion: 56 Resp: 3954
 Ion Ratio Lower Upper
 56 100
 69 165.3 26.6 40.0#
 84 120.6 64.3 96.5#

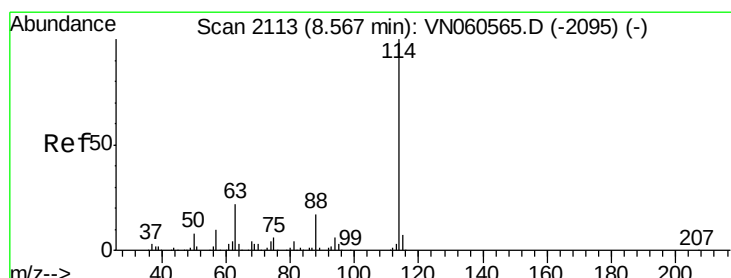
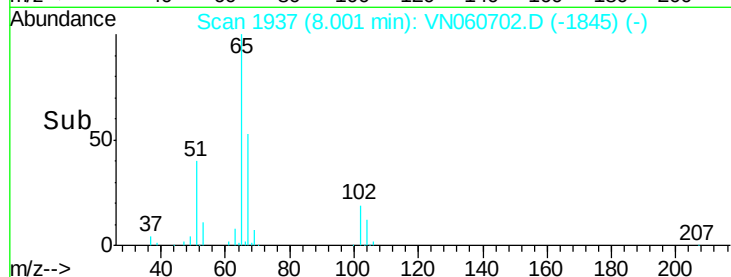
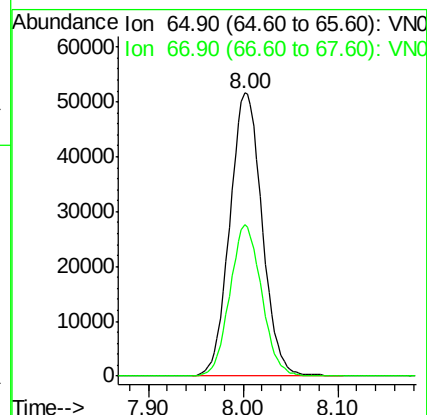
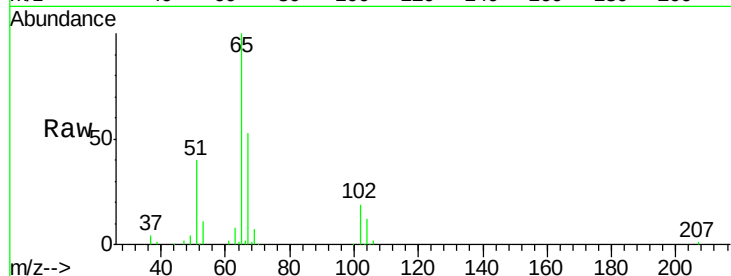




#33
 1,2-Dichloroethane-d4
 Concen: 48.416 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

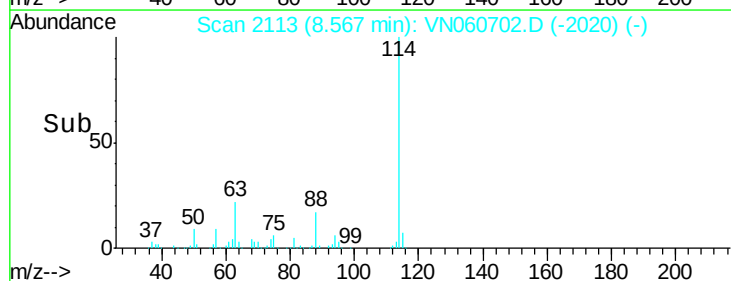
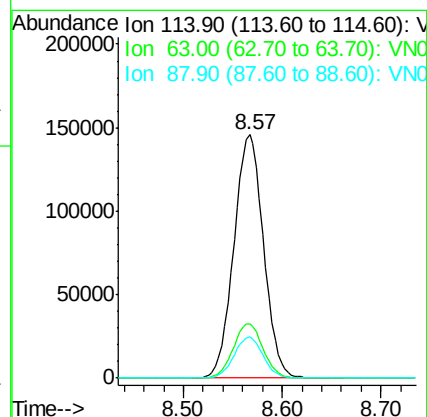
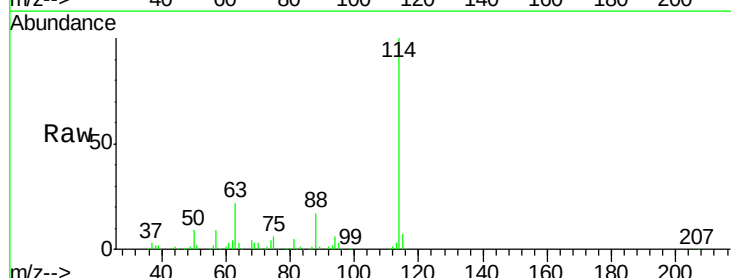
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

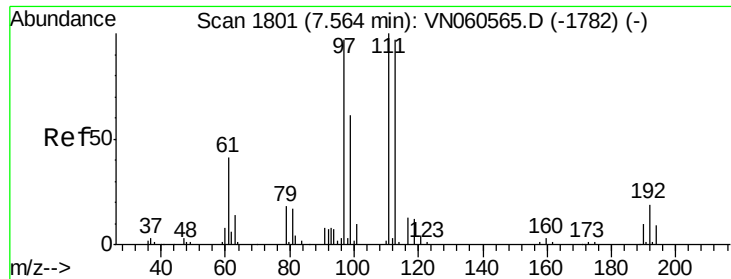
Tgt Ion: 65 Resp: 122361
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Tgt Ion: 114 Resp: 305371
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.8 0.0 33.0

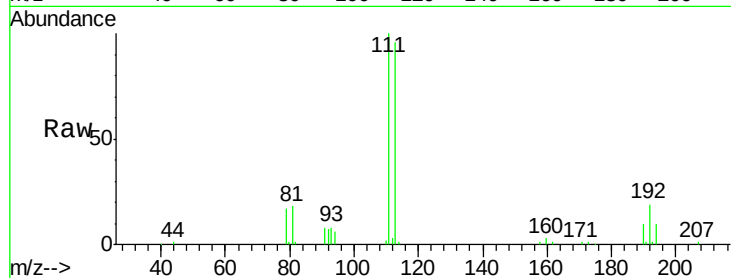




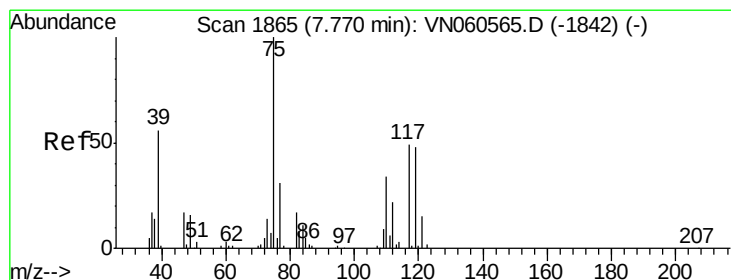
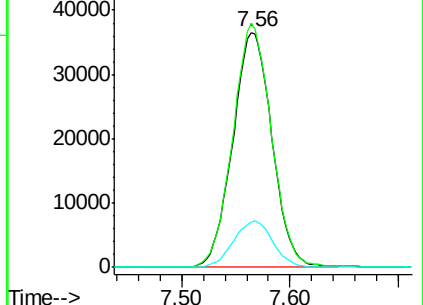
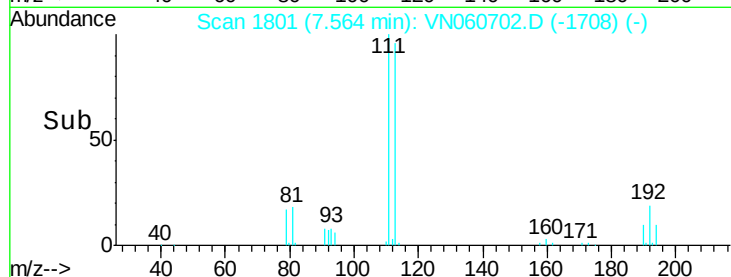
#35
 Dibromofluoromethane
 Concen: 50.176 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

Tgt Ion:113 Resp: 92650
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 19.6 15.8 23.8

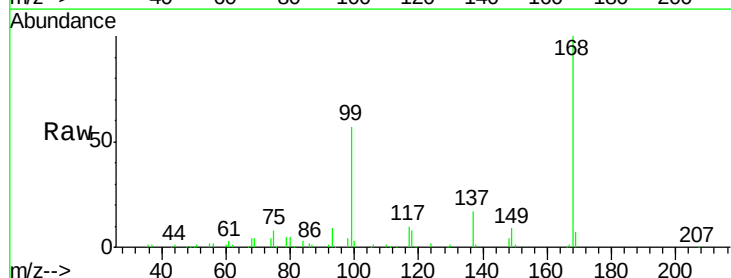


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

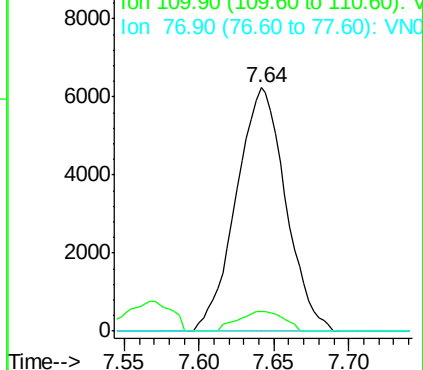
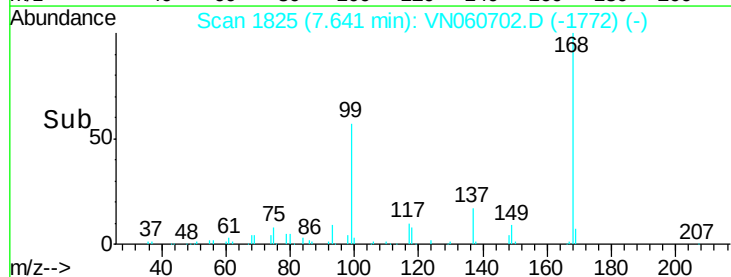


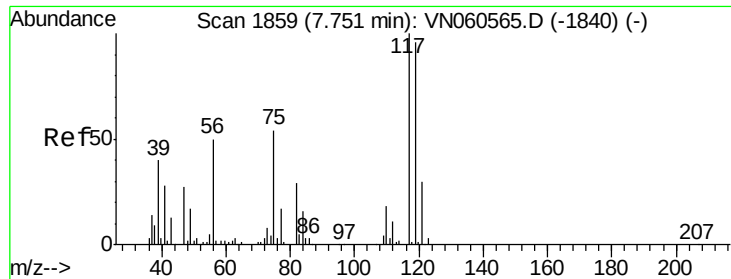
#36
 1,1-Dichloropropene
 Concen: 4.849 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Tgt Ion: 75 Resp: 14337
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.9 50.6#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

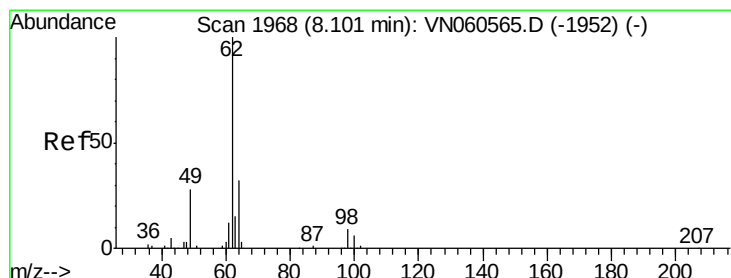
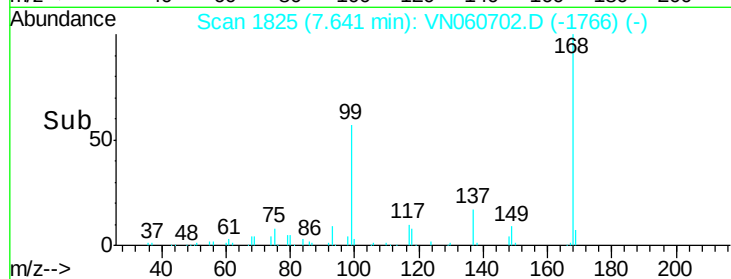
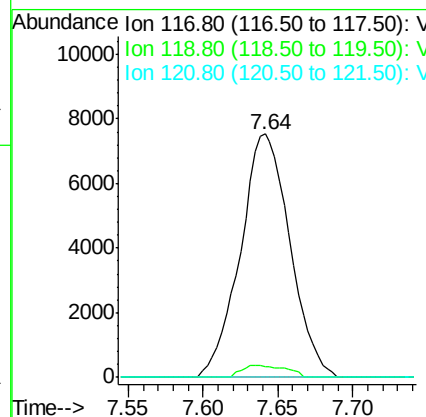
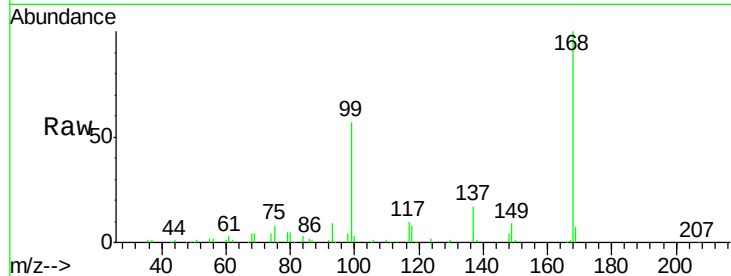




#38
 Carbon Tetrachloride
 Concen: 6.544 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

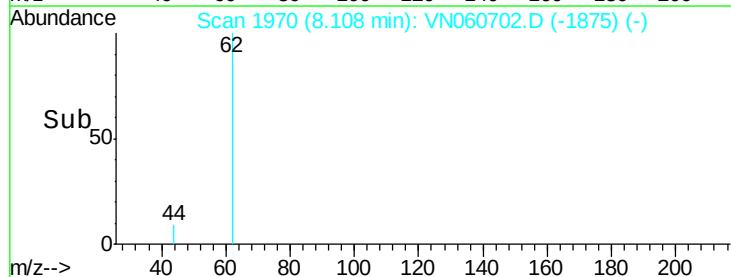
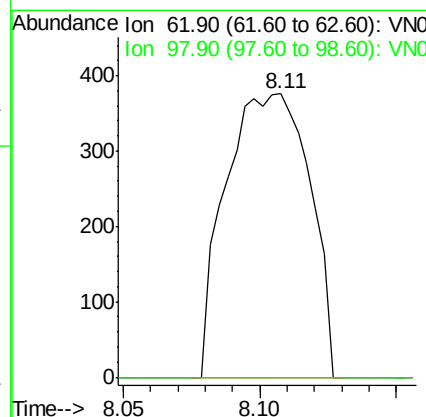
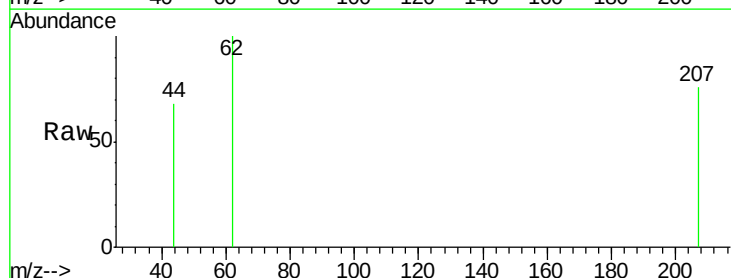
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

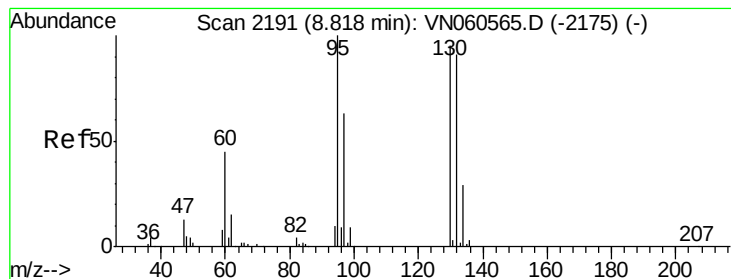
Tgt Ion: 117 Resp: 17343
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.2 114.2#
 121 0.0 23.7 35.5#



#42
 1,2-Dichloroethane
 Concen: 0.263 ug/l
 RT: 8.11 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Tgt Ion: 62 Resp: 802
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 17.8





#44

Trichloroethene

Concen: 0.524 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

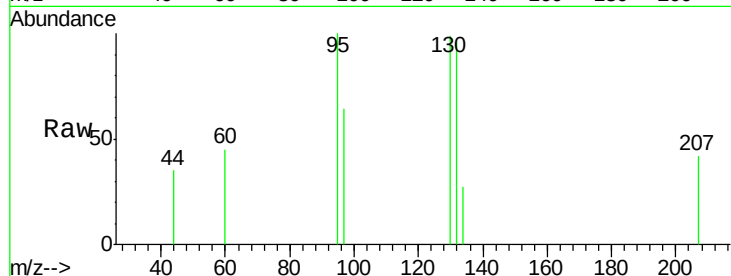
MW203D2-20200315

Tgt Ion:130 Resp: 1180

Ion Ratio Lower Upper

130 100

95 101.5 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

600

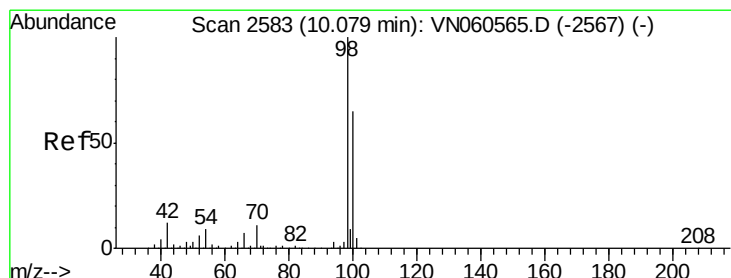
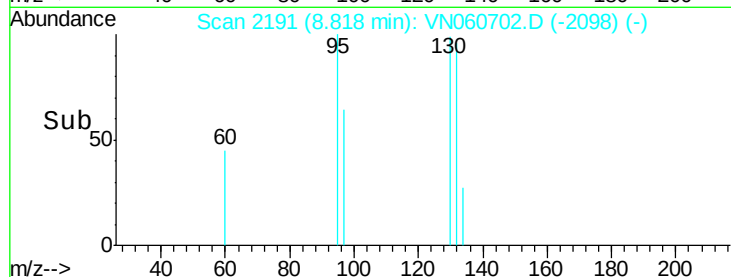
400

200

0

8.80 8.85

Time-->



#50

Toluene-d8

Concen: 50.267 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060702.D

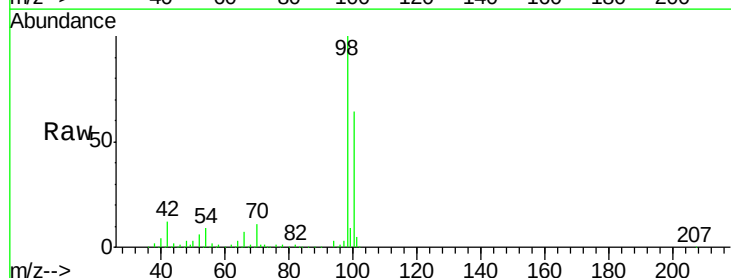
Acq: 25 Mar 2020 17:07

Tgt Ion: 98 Resp: 379122

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.08

250000

200000

150000

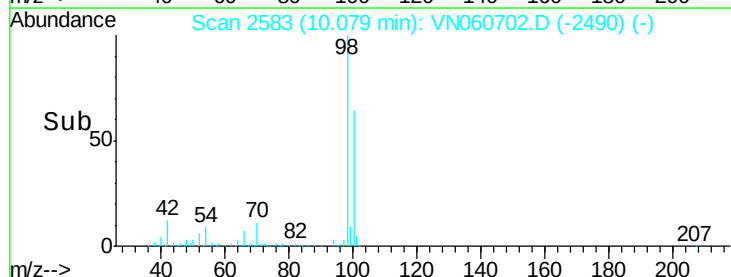
100000

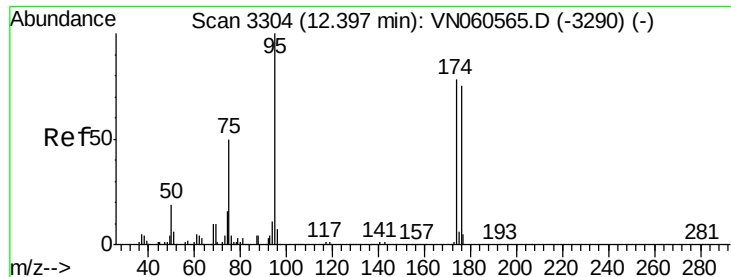
50000

0

10.00 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 51.955 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

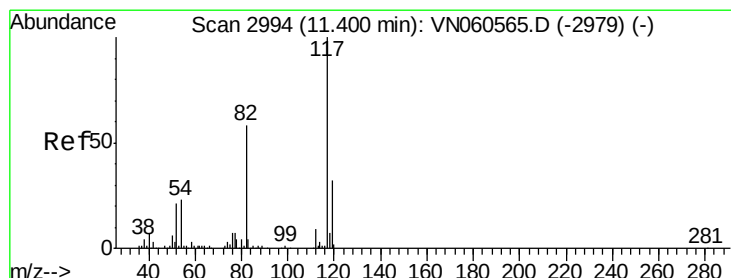
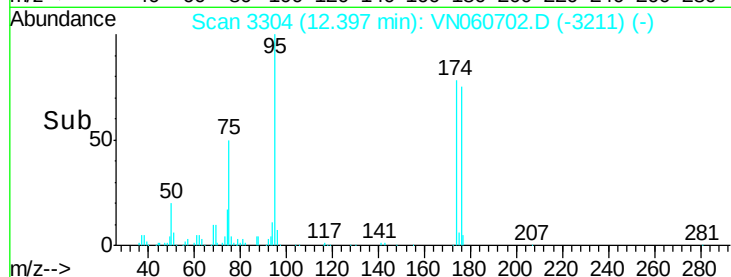
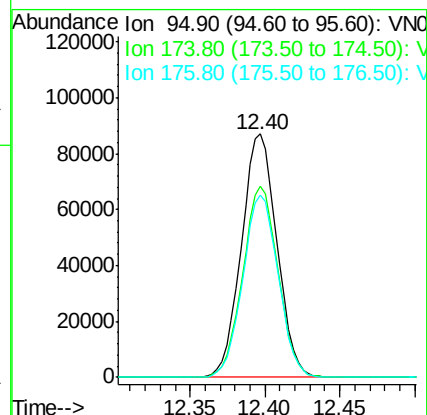
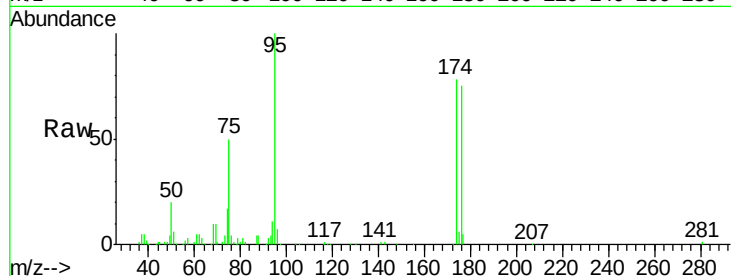
Tgt Ion: 95 Resp: 143609

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

176 74.7 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: VN060702.D

Acq: 25 Mar 2020 17:07

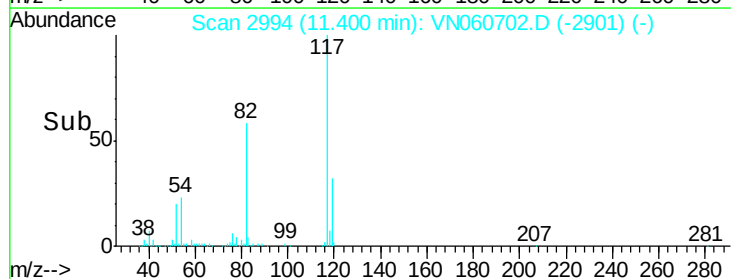
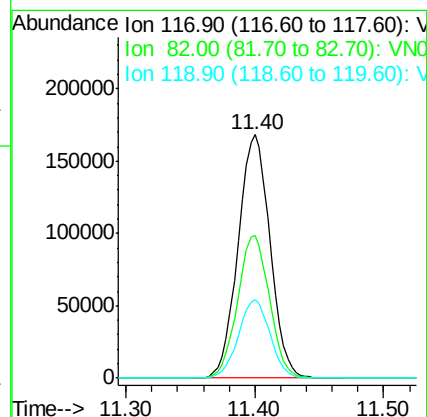
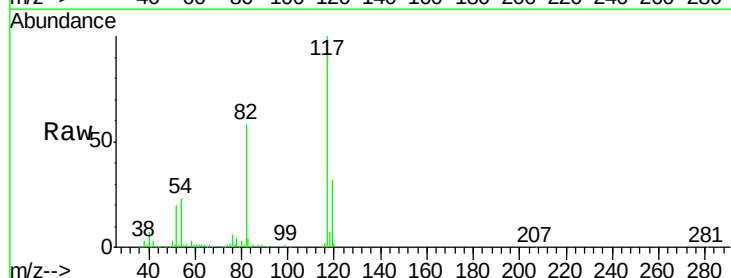
Tgt Ion: 117 Resp: 289466

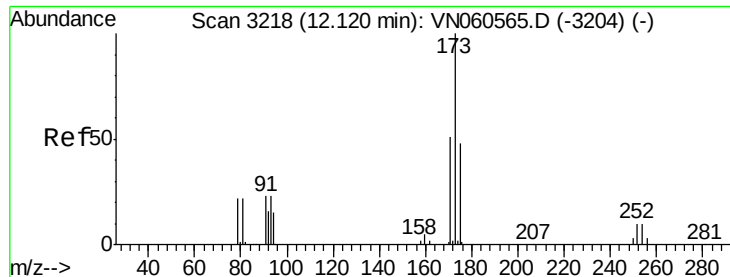
Ion Ratio Lower Upper

117 100

82 58.4 46.7 70.1

119 32.3 25.5 38.3





#71

Bromoform

Concen: 1.746 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.27 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

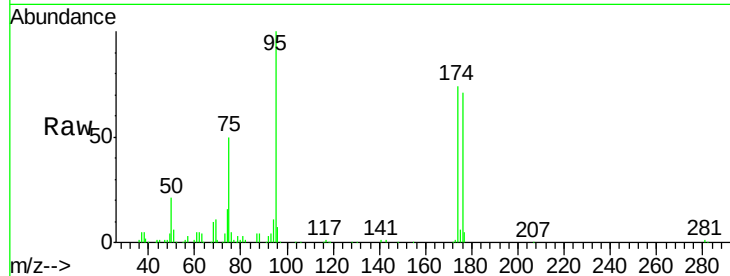
Tgt Ion:173 Resp: 117

Ion Ratio Lower Upper

173 100

175 6098.3 24.1 72.4#

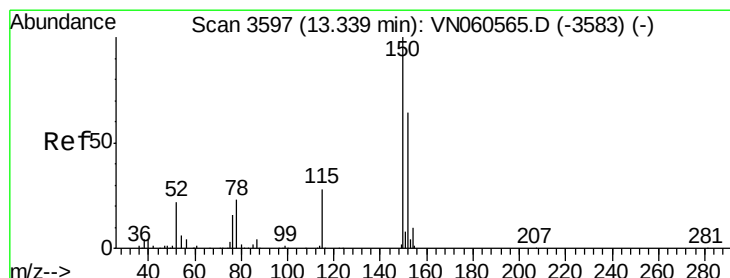
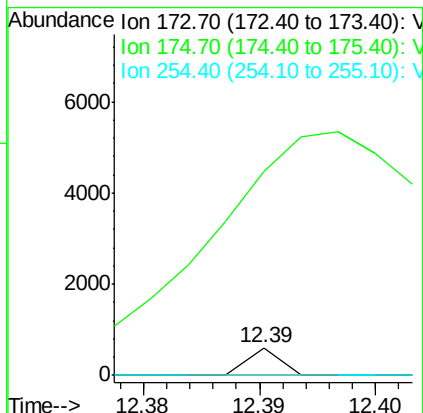
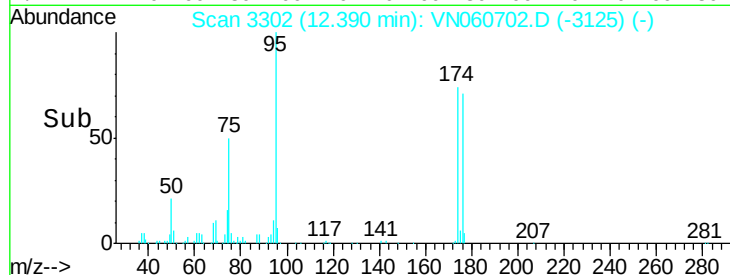
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN060702.D

Acq: 25 Mar 2020 17:07

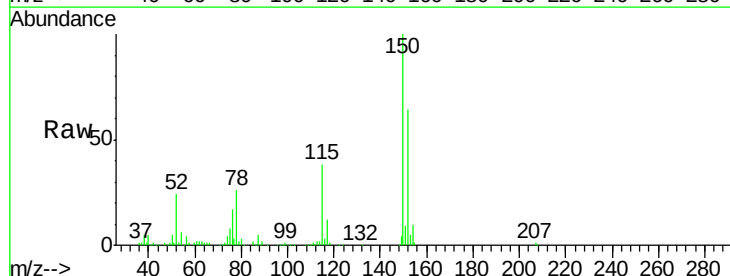
Tgt Ion:152 Resp: 134748

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

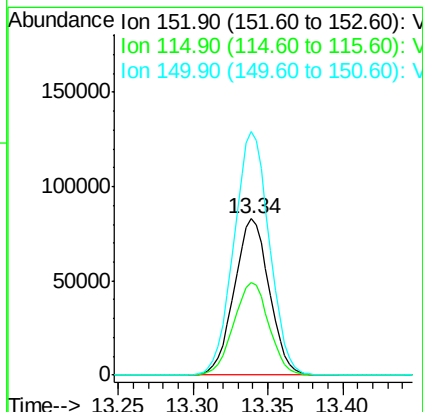
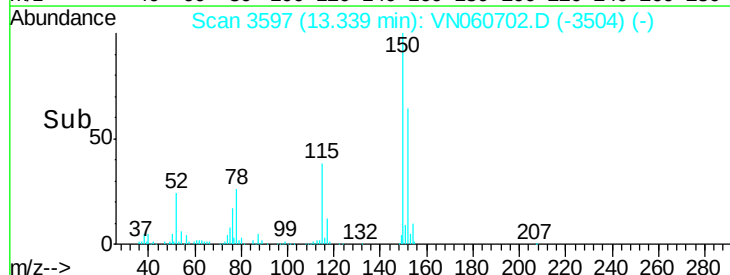
150 157.9 0.0 350.2

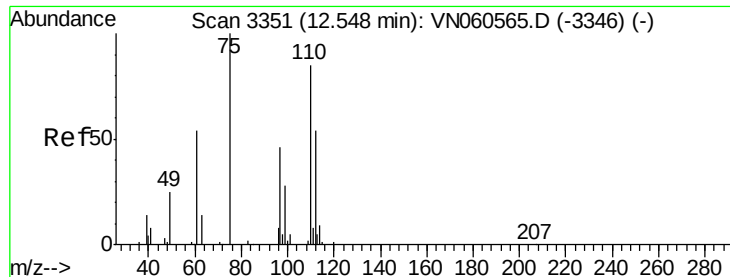


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.665 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

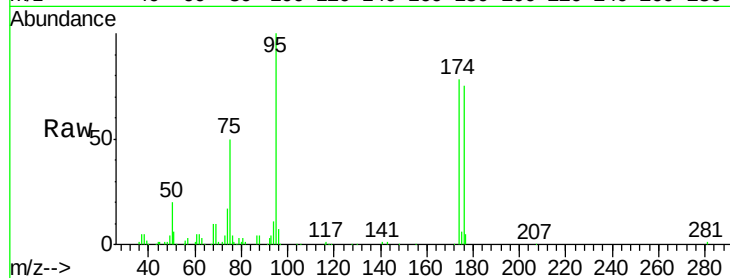
MW203D2-20200315

Tgt Ion: 75 Resp: 71717

Ion Ratio Lower Upper

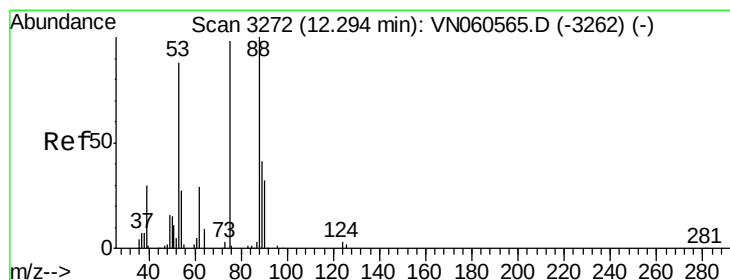
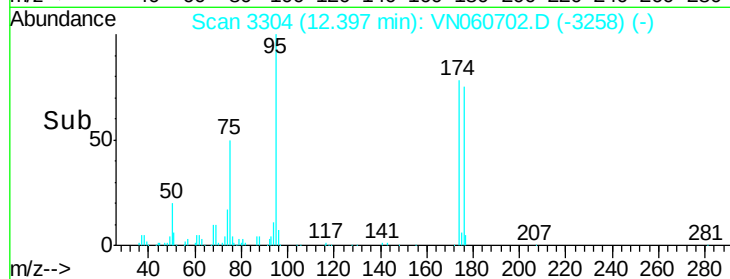
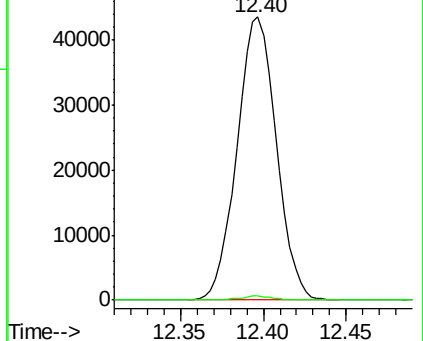
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 63.348 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

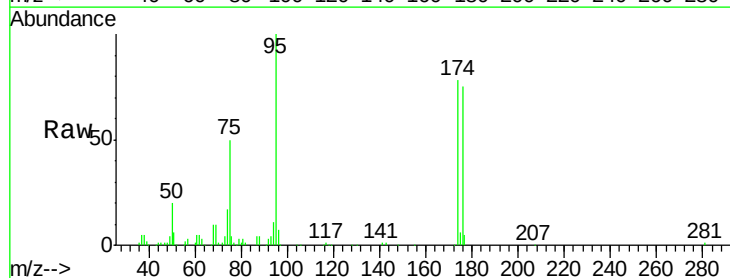
Tgt Ion: 75 Resp: 71717

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

