

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061595.D
 Acq On : 1 Jun 2020 15:23
 Operator : JC/MD
 Sample : L2800-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW102-200527

Quant Time: Jun 02 04:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

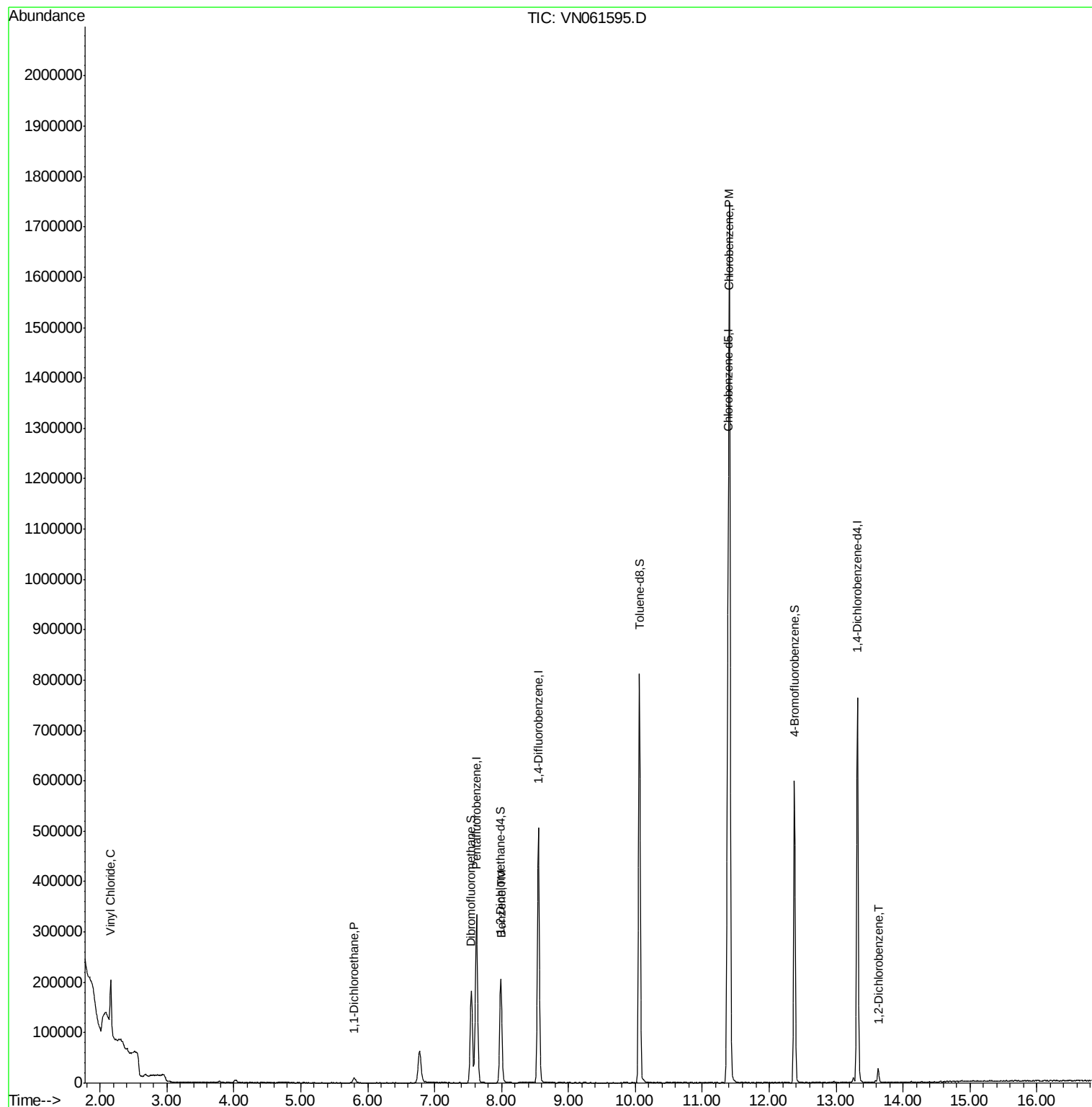
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	272586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165845	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
35) Dibromofluoromethane	7.55	113	142788	58.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.76%	
50) Toluene-d8	10.06	98	578077	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.37	95	214599	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
4) Vinyl Chloride	2.16	62	84929	18.641	ug/l	97
24) 1,1-Dichloroethane	5.80	63	15391	3.024	ug/l	99
40) Benzene	8.00	78	17125	1.300	ug/l	98
65) Chlorobenzene	11.41	112	987259	101.120	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	11774	1.756	ug/l	95

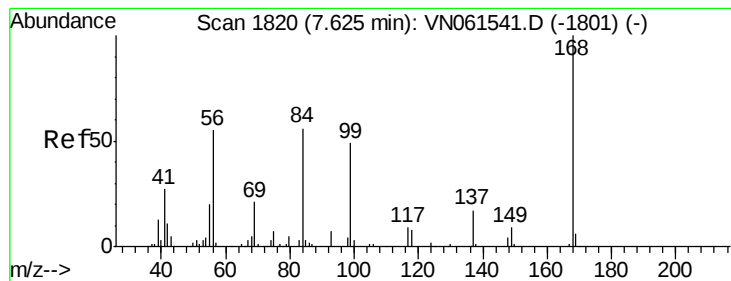
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

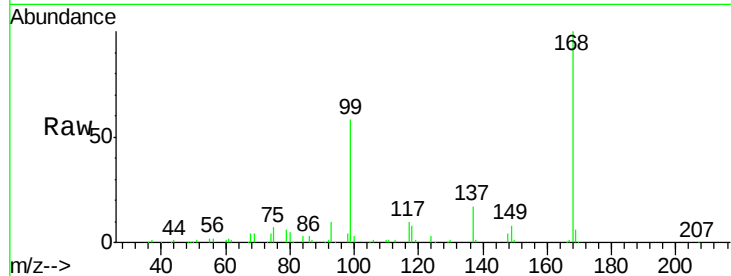
WP022MW102-200527

Tot Ion:168 Resp: 272586

Ion Ratio Lower Upper

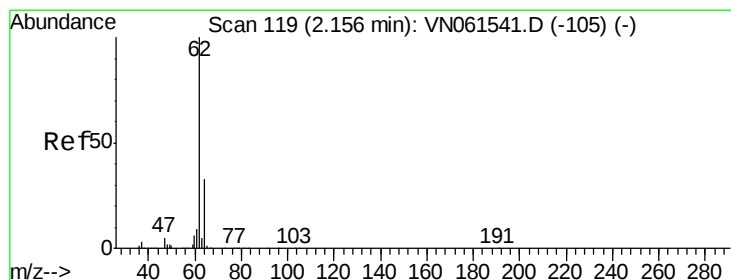
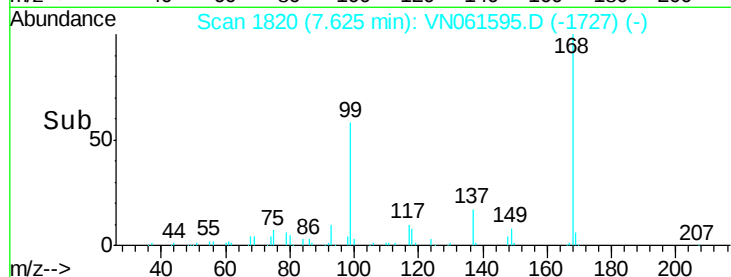
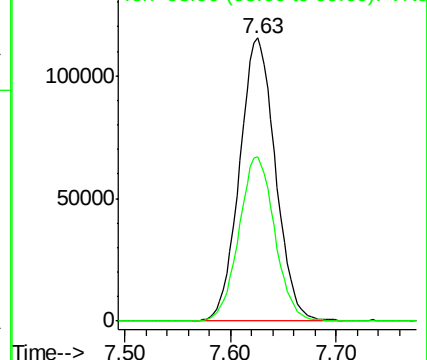
168 100

99 57.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 18.641 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061595.D

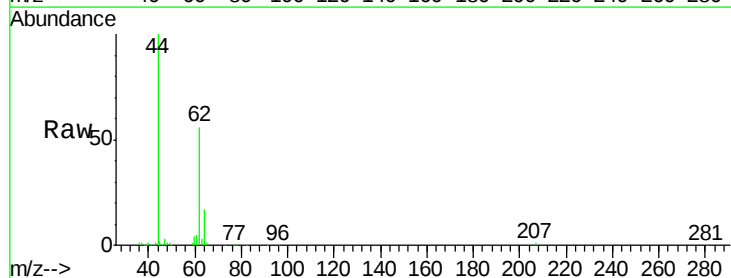
Acq: 1 Jun 2020 15:23

Tgt Ion: 62 Resp: 84929

Ion Ratio Lower Upper

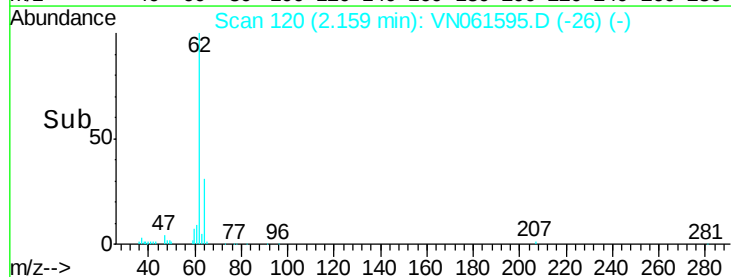
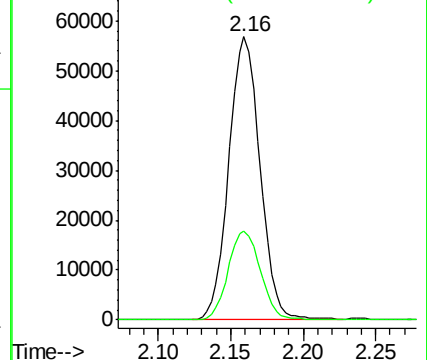
62 100

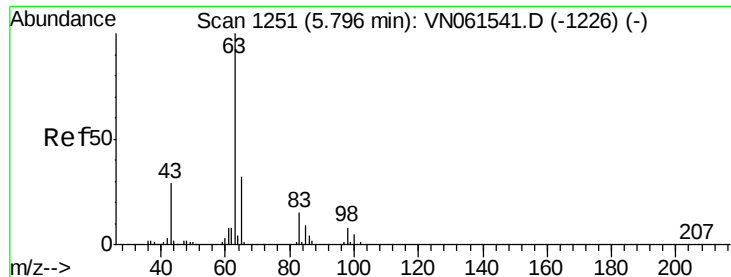
64 31.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#24

1,1-Dichloroethane

Concen: 3.024 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

WP022MW102-200527

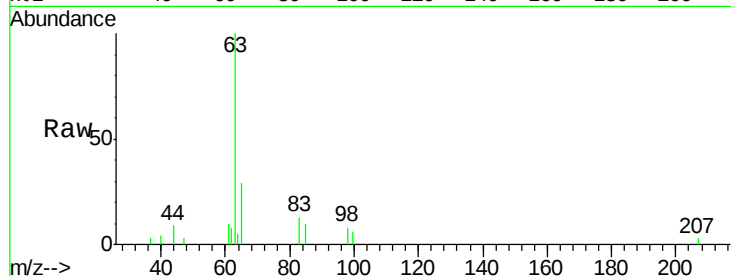
Tot Ion: 63 Resp: 15391

Ion Ratio Lower Upper

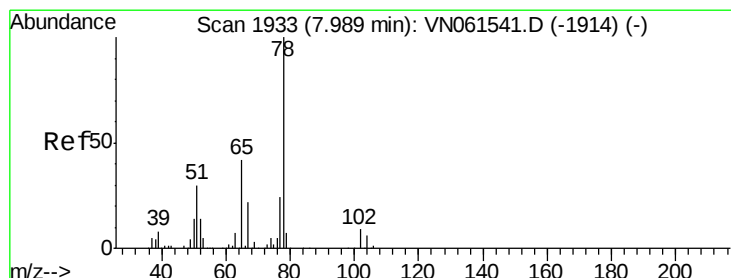
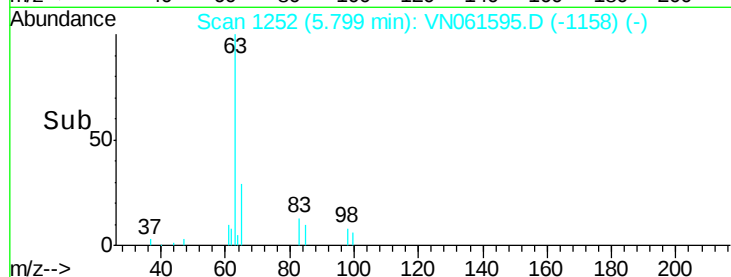
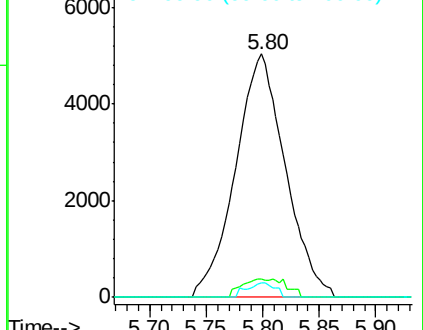
63 100

98 7.6 3.8 11.4

100 6.0 2.5 7.6



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



#33

1,2-Dichloroethane-d4

Concen: 51.066 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061595.D

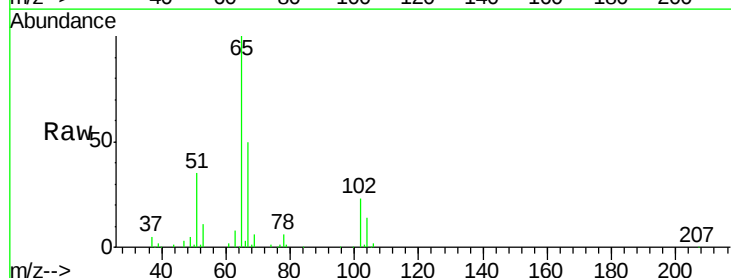
Acq: 1 Jun 2020 15:23

Tgt Ion: 65 Resp: 165845

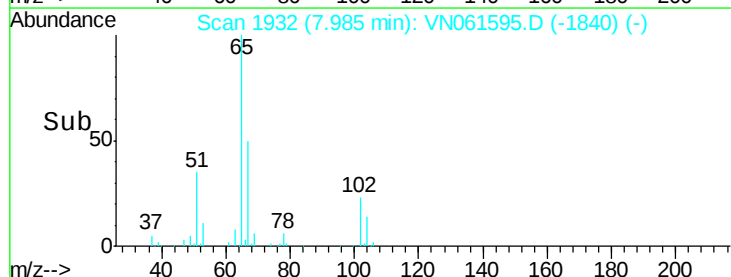
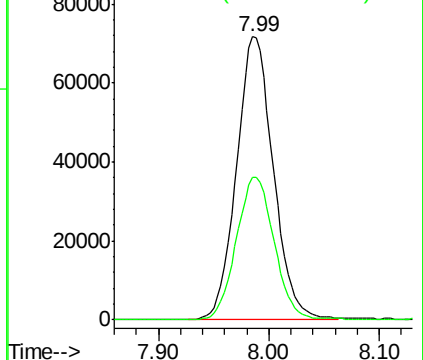
Ion Ratio Lower Upper

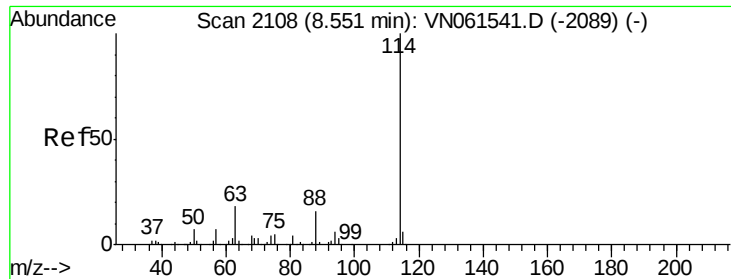
65 100

67 52.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

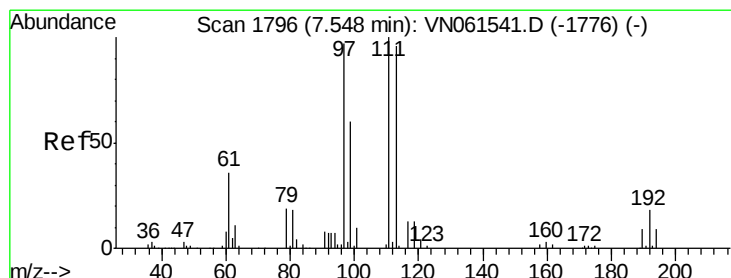
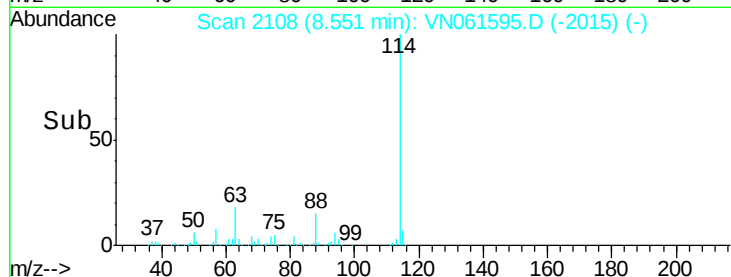
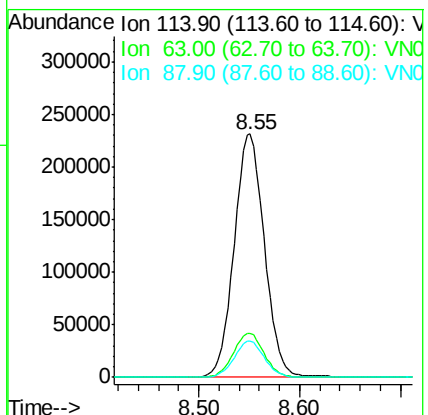
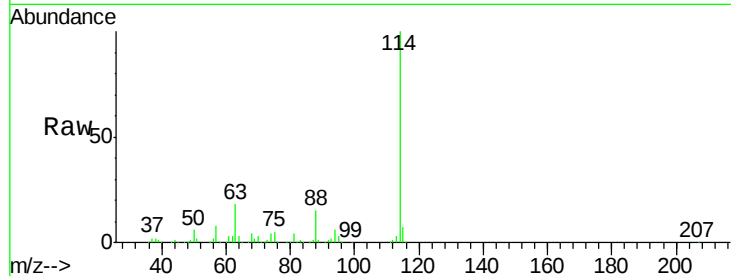




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061595.D
 Acq: 1 Jun 2020 15:23

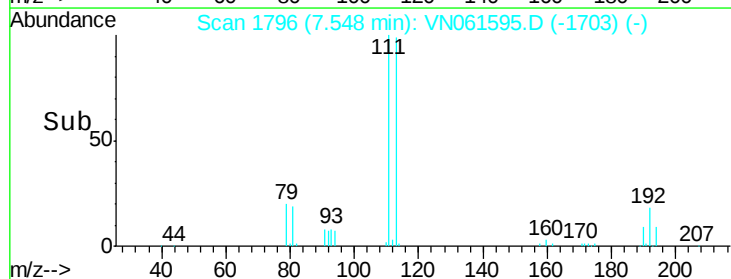
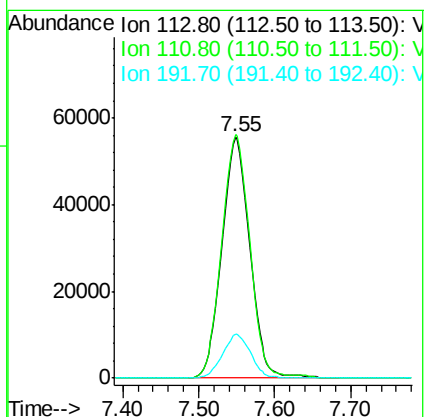
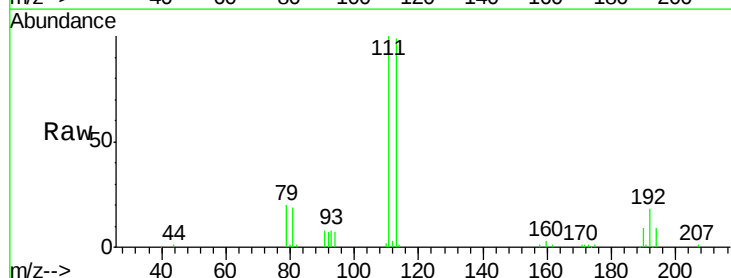
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW102-200527

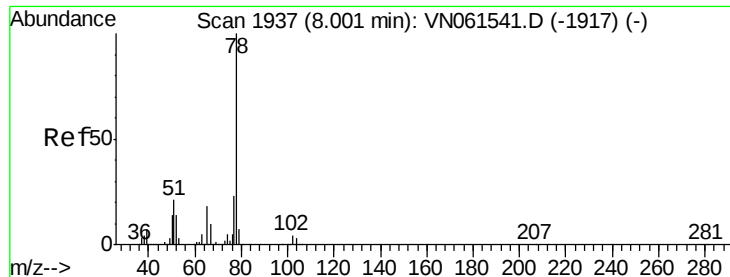
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.8
88	15.0	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 58.384 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061595.D
 Acq: 1 Jun 2020 15:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.4	125.0
192	18.1	15.4	23.2





#40

Benzene

Concen: 1.300 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

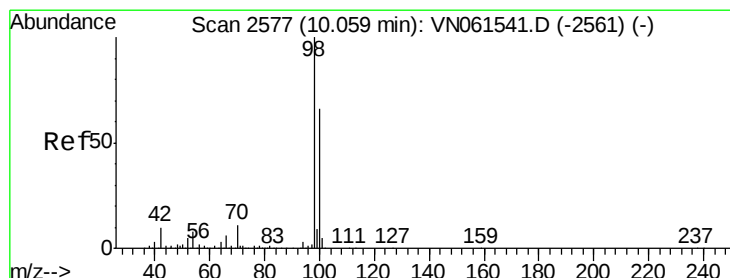
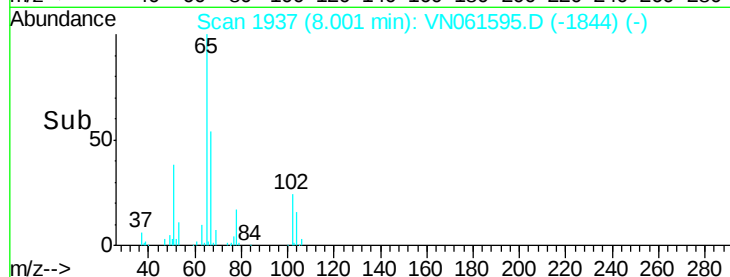
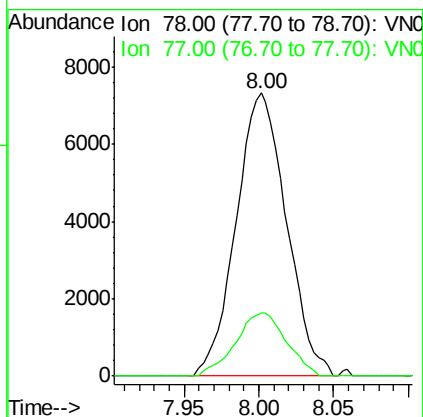
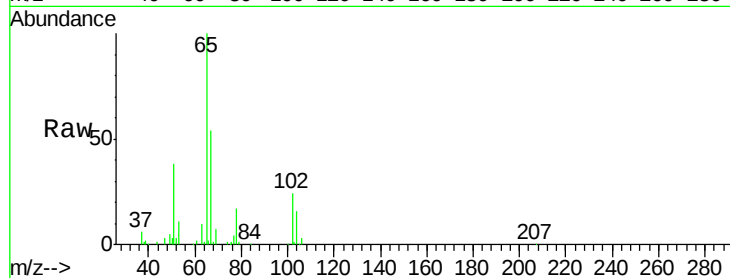
WP022MW102-200527

Tot Ion: 78 Resp: 17125

Ion Ratio Lower Upper

78 100

77 22.3 18.6 28.0



#50

Toluene-d8

Concen: 51.006 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061595.D

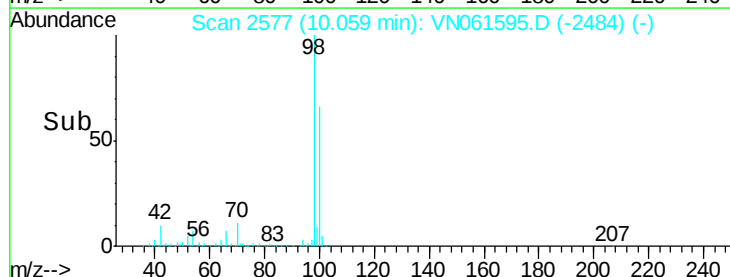
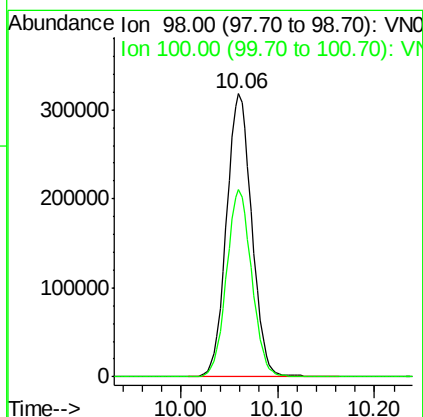
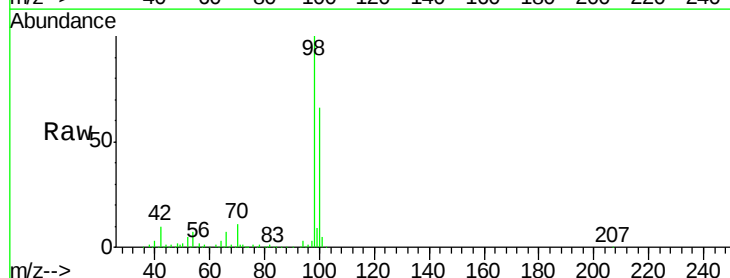
Acq: 1 Jun 2020 15:23

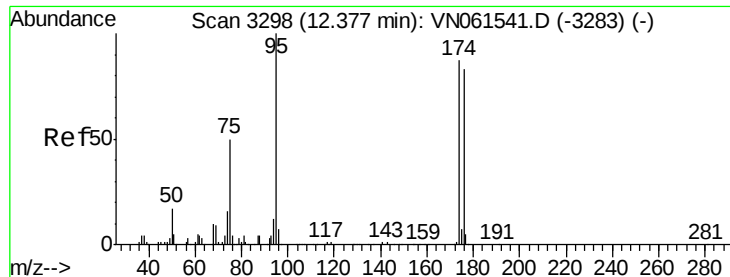
Tgt Ion: 98 Resp: 578077

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 51.900 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

WP022MW102-200527

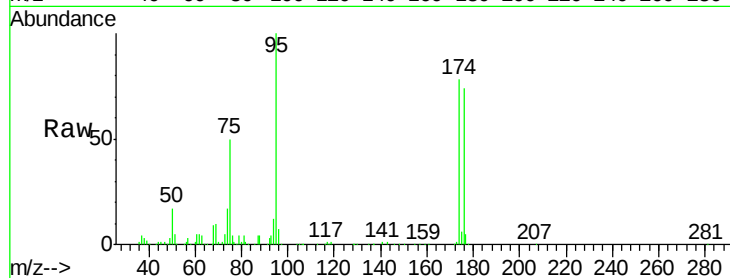
Tot Ion: 95 Resp: 214599

Ion Ratio Lower Upper

95 100

174 79.6 0.0 172.8

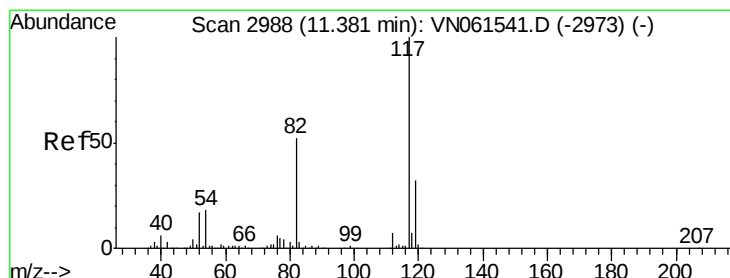
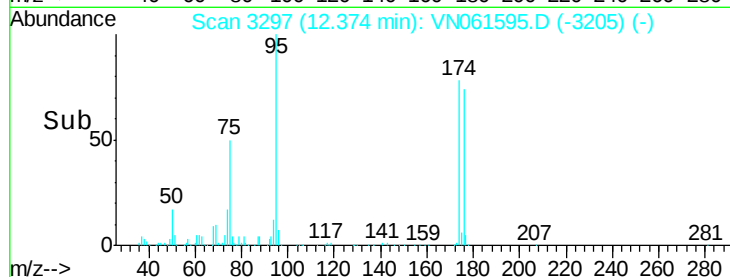
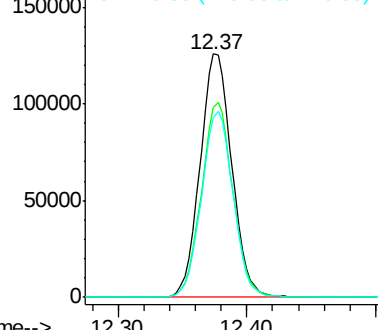
176 76.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

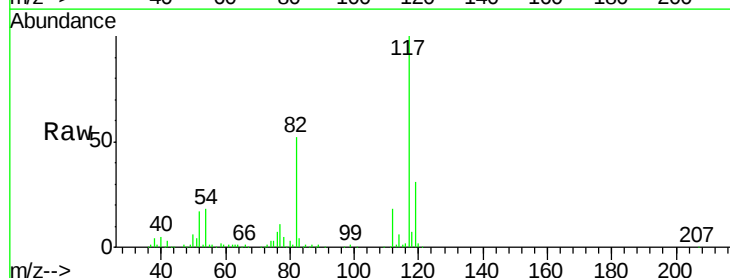
Tgt Ion: 117 Resp: 469696

Ion Ratio Lower Upper

117 100

82 52.5 41.5 62.3

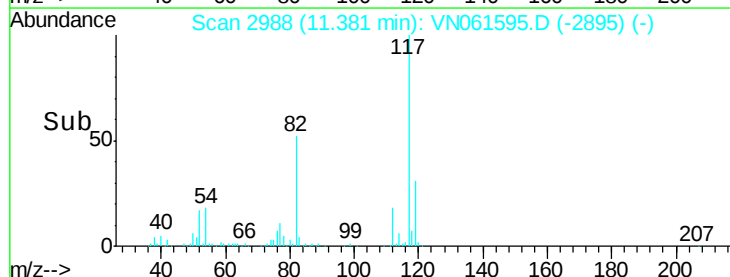
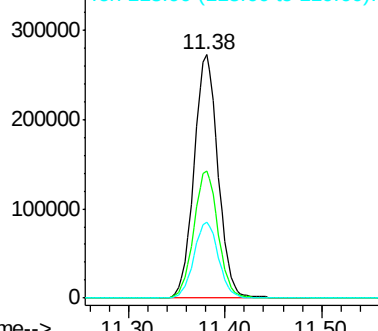
119 31.1 25.6 38.4

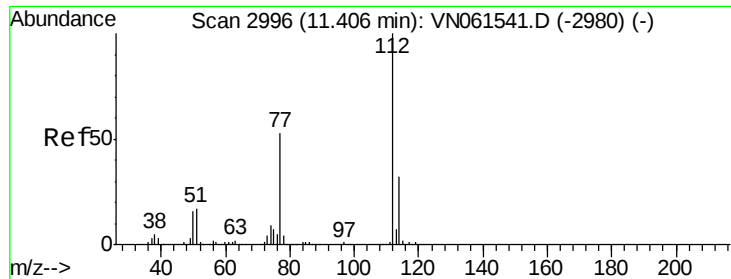


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#65

Chlorobenzene

Concen: 101.120 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

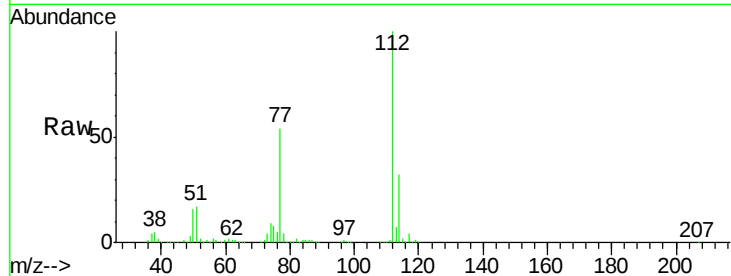
WP022MW102-200527

Tot Ion:112 Resp: 987259

Ion Ratio Lower Upper

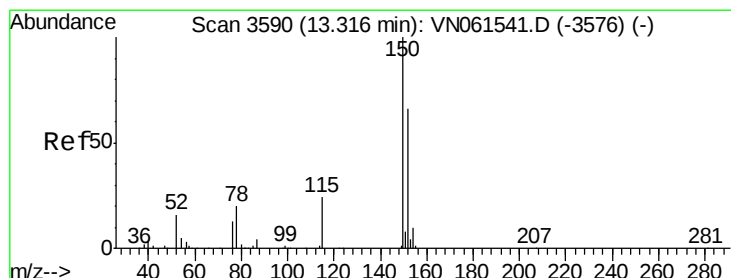
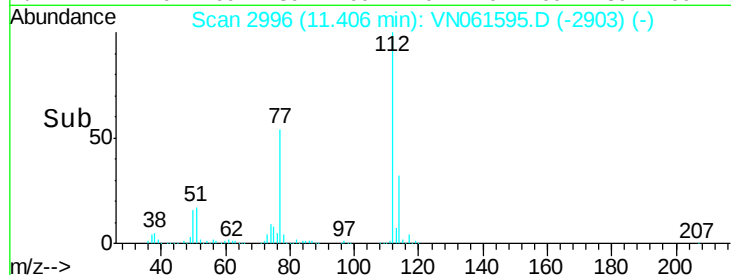
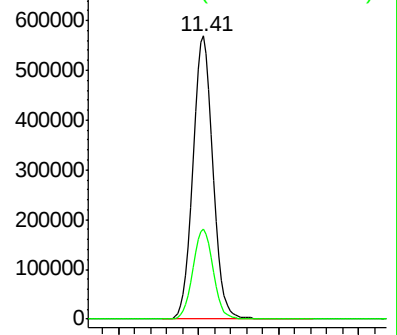
112 100

114 31.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

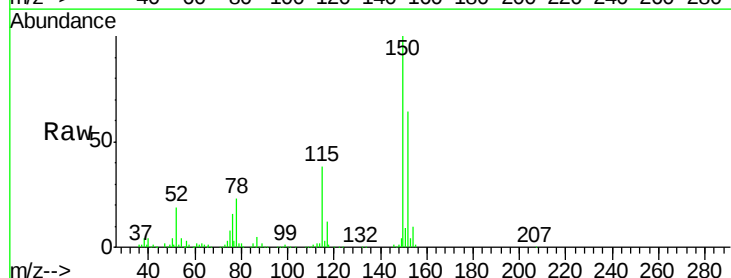
Tgt Ion:152 Resp: 212625

Ion Ratio Lower Upper

152 100

115 59.6 28.0 84.0

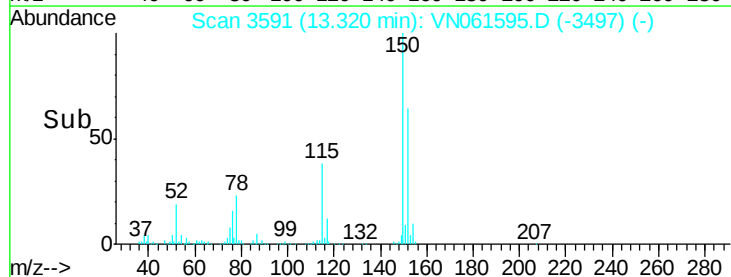
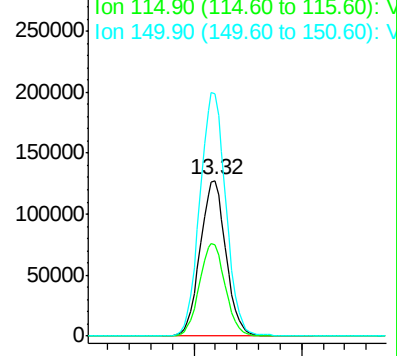
150 157.4 0.0 344.0

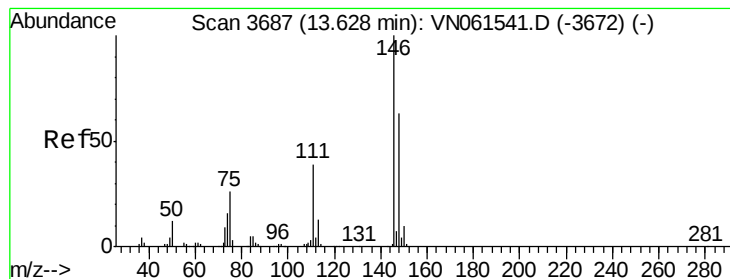


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 1.756 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061595.D

Acq: 1 Jun 2020 15:23

Instrument :

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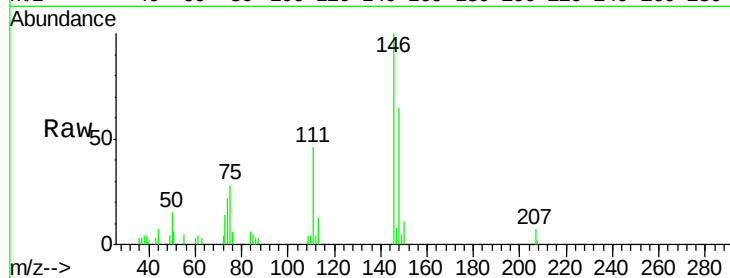
Tot Ion:146 Resp: 11774

Ion Ratio Lower Upper

146 100

111 44.0 20.1 60.2

148 66.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

