

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062289.D
 Acq On : 1 Jul 2020 14:03
 Operator : JC/MD
 Sample : L3127-06DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200625DL

Quant Time: Jul 02 07:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

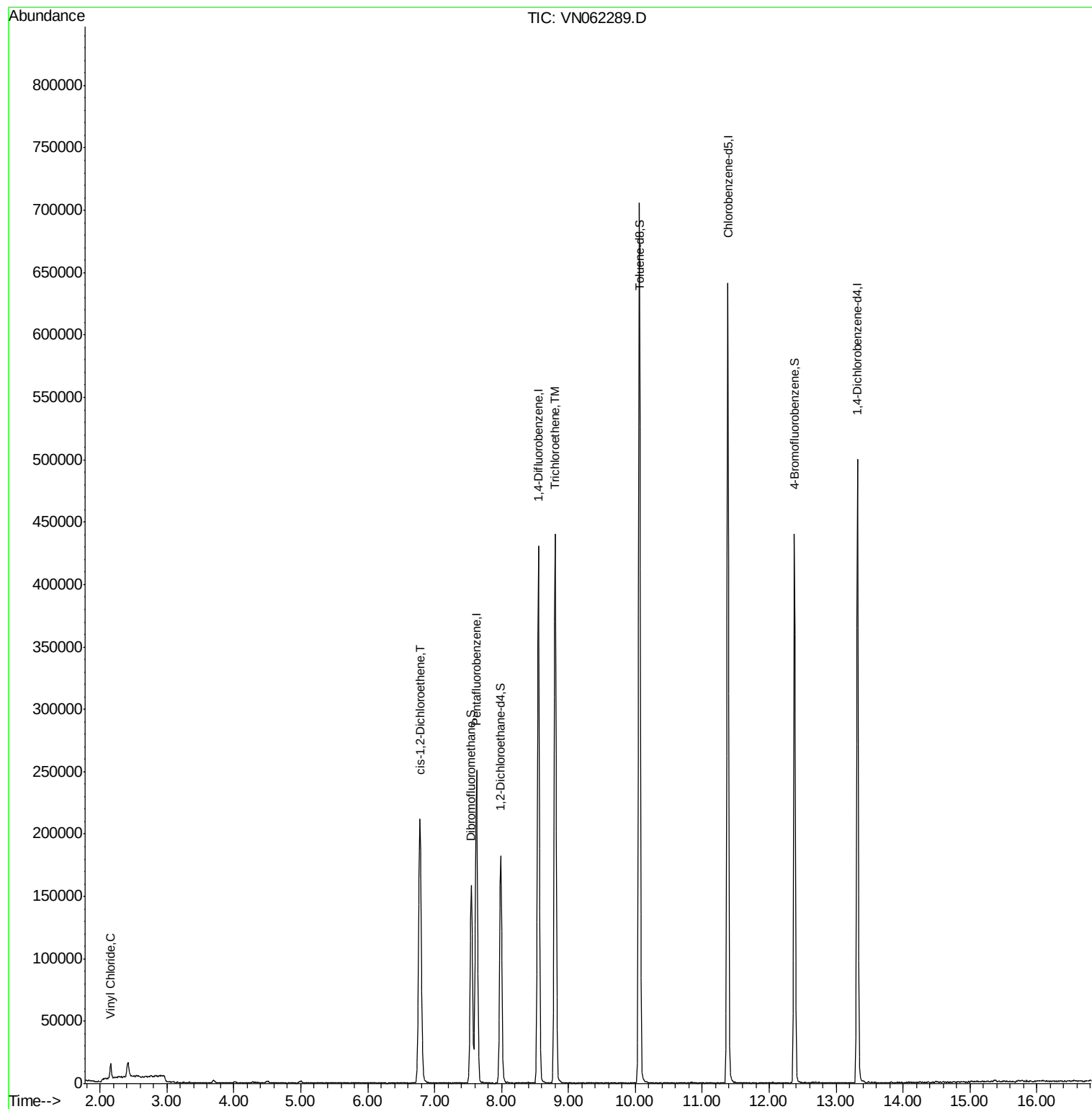
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	360387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152910	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
35) Dibromofluoromethane	7.55	113	123108	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.06	98	487206	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.38	95	153112	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
4) Vinyl Chloride	2.16	62	10367	3.021	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	141727	49.945	ug/l	92
44) Trichloroethene	8.80	130	161914	55.390	ug/l	96

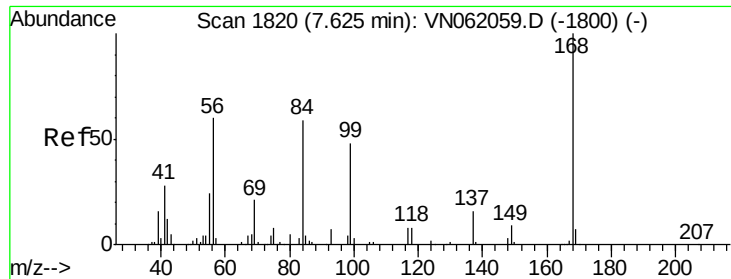
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062289.D

Acq: 1 Jul 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

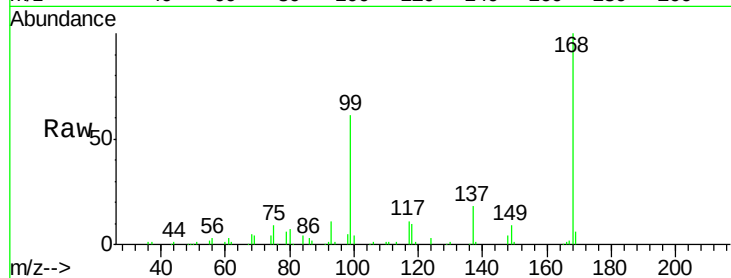
DUP01-20200625DL

Tot Ion:168 Resp: 192787

Ion Ratio Lower Upper

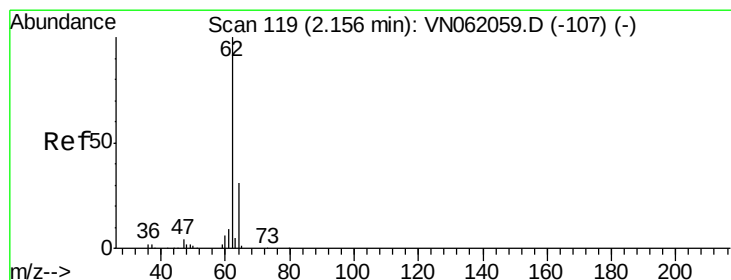
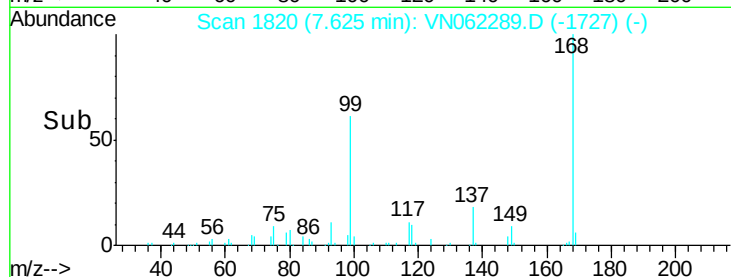
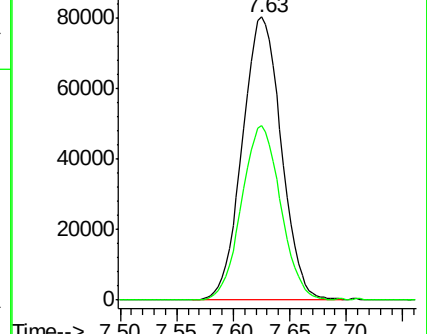
168 100

99 61.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 3.021 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062289.D

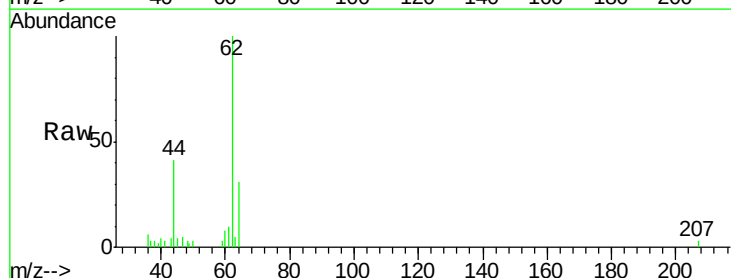
Acq: 1 Jul 2020 14:03

Tgt Ion: 62 Resp: 10367

Ion Ratio Lower Upper

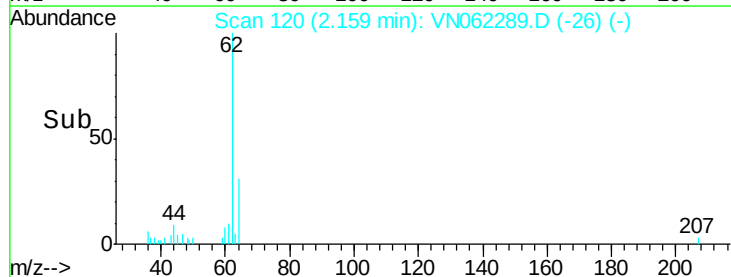
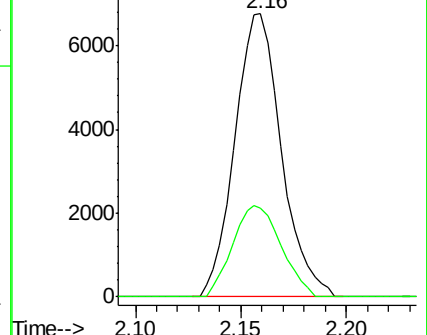
62 100

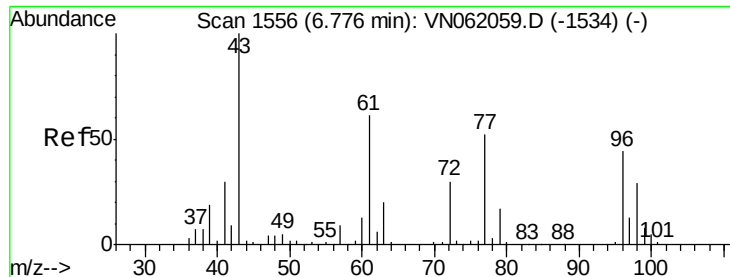
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 49.945 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062289.D

Acq: 1 Jul 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200625DL

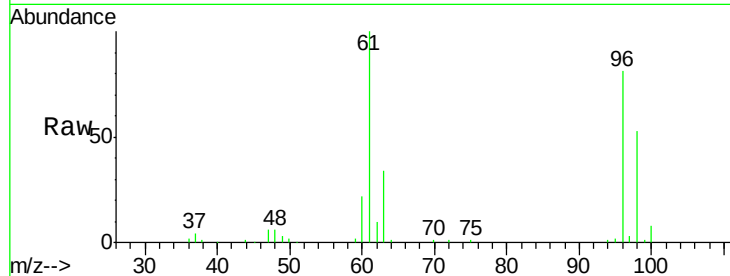
Tot Ion: 96 Resp: 141727

Ion Ratio Lower Upper

96 100

61 127.2 0.0 280.4

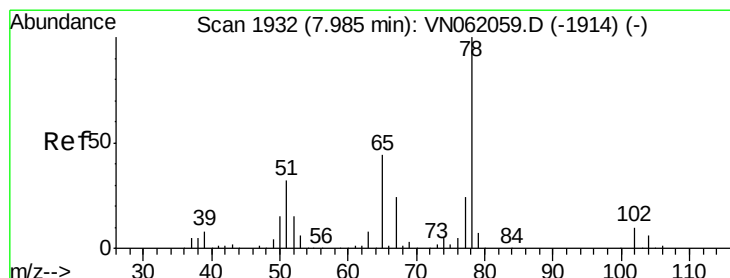
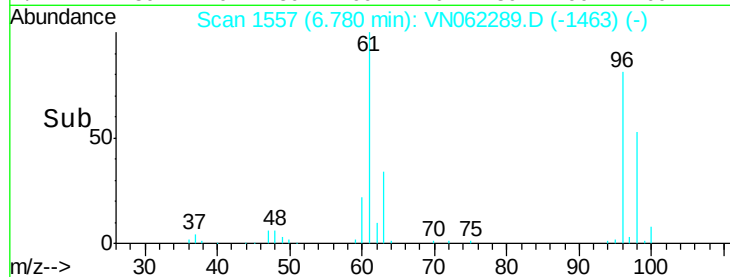
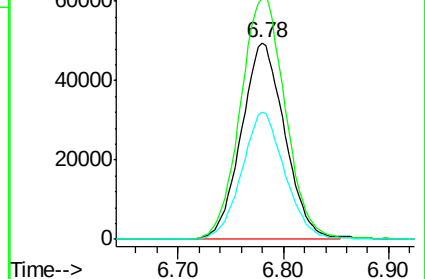
98 63.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.519 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062289.D

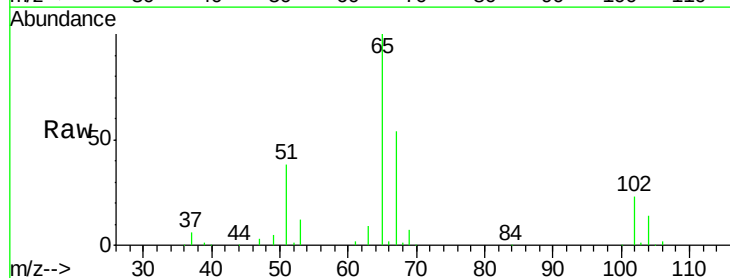
Acq: 1 Jul 2020 14:03

Tgt Ion: 65 Resp: 152910

Ion Ratio Lower Upper

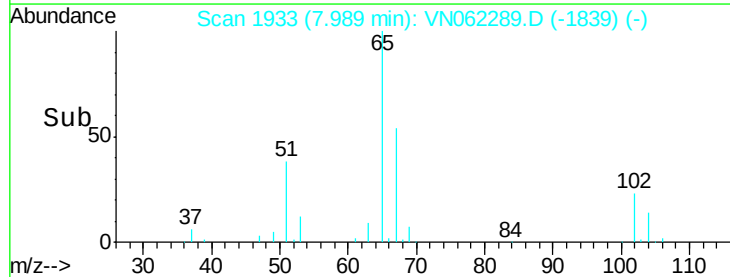
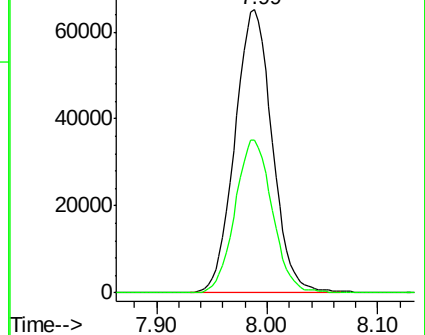
65 100

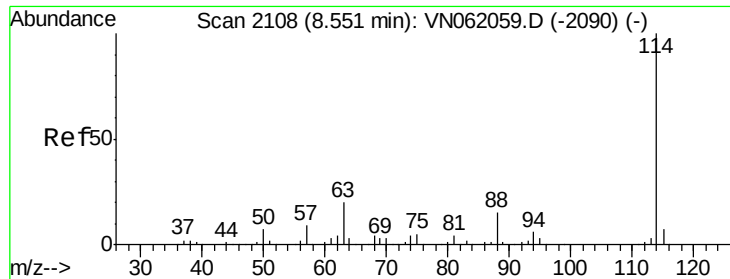
67 53.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

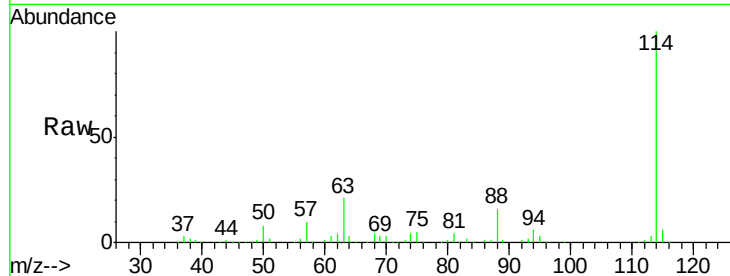




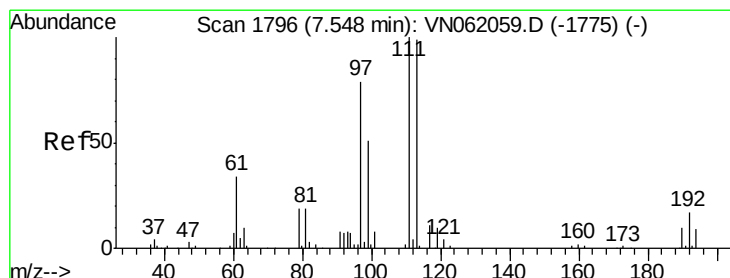
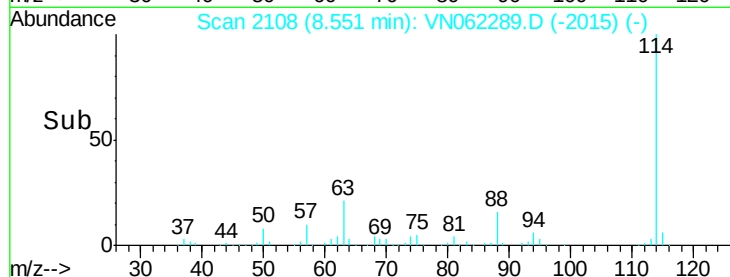
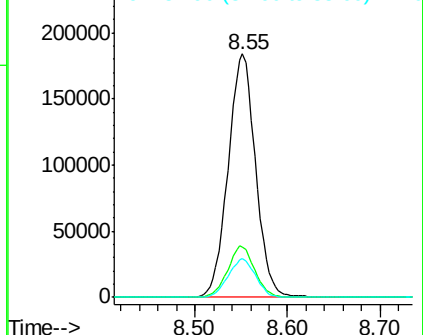
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062289.D
Acq: 1 Jul 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20200625DL

Tot Ion:114 Resp: 378251
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.9 0.0 30.8

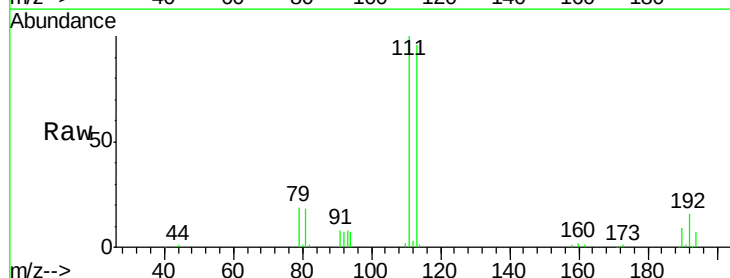


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

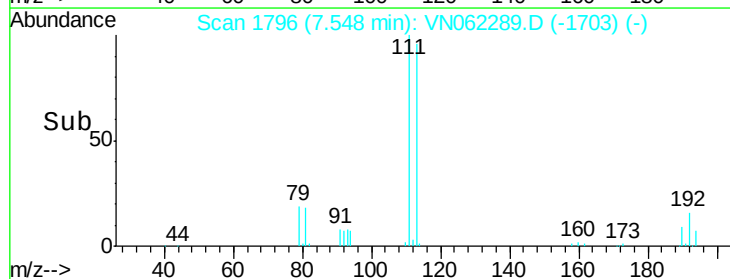
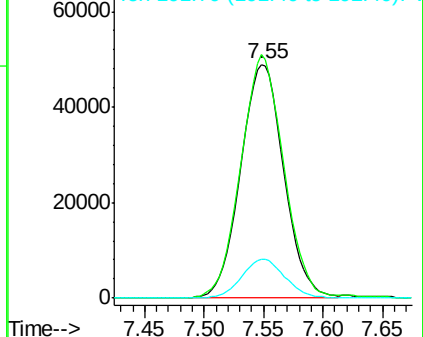


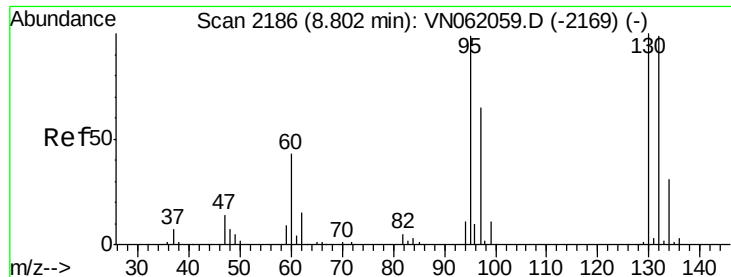
#35
Dibromofluoromethane
Concen: 50.731 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062289.D
Acq: 1 Jul 2020 14:03

Tgt Ion:113 Resp: 123108
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.7 14.0 21.0



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

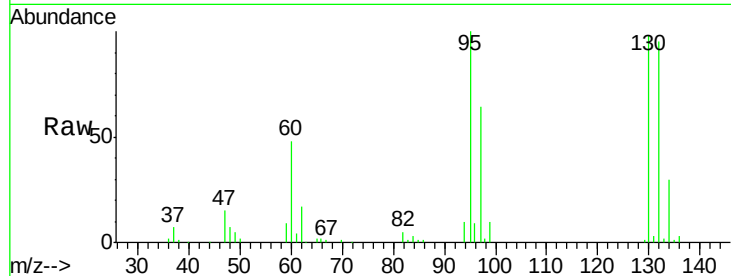




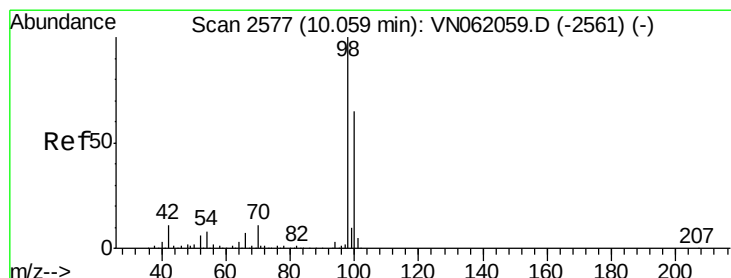
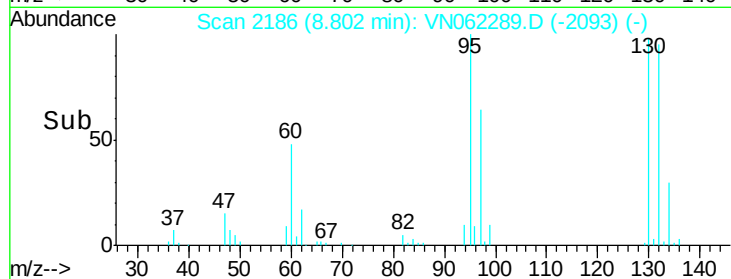
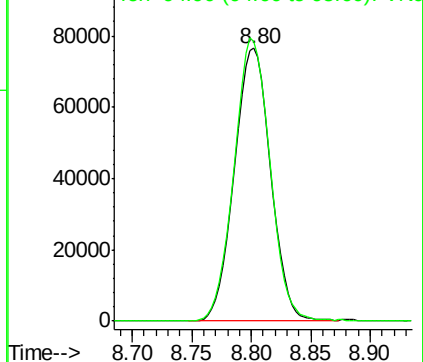
#44
 Trichloroethene
 Concen: 55.390 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062289.D
 Acq: 1 Jul 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200625DL

Tot Ion:130 Resp: 161914
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 197.8

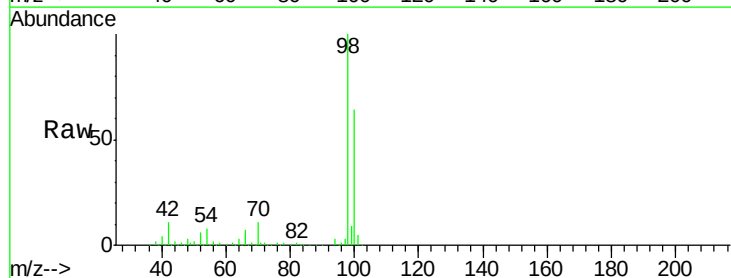


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

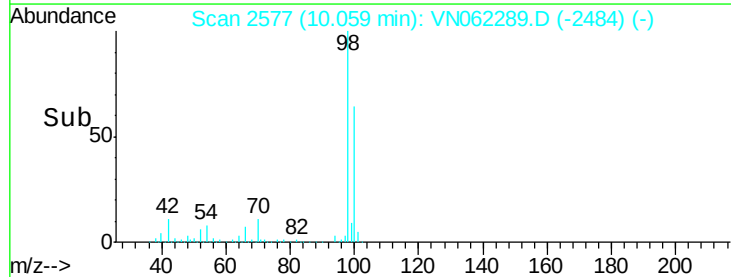
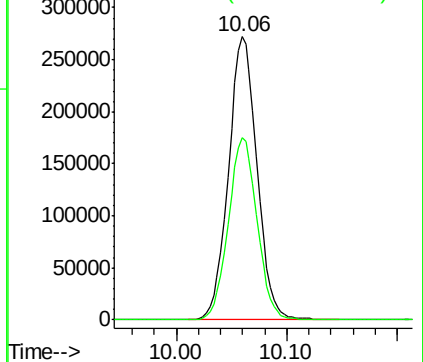


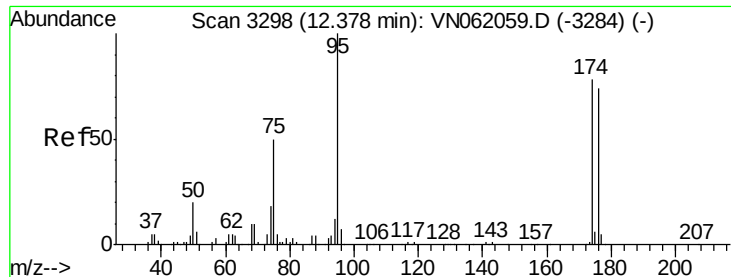
#50
 Toluene-d8
 Concen: 50.226 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062289.D
 Acq: 1 Jul 2020 14:03

Tgt Ion: 98 Resp: 487206
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.719 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062289.D

Acq: 1 Jul 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200625DL

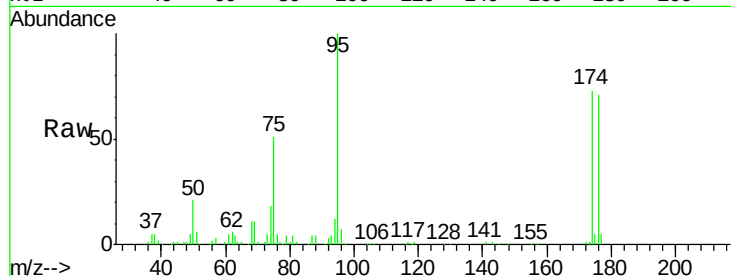
Tot Ion: 95 Resp: 153112

Ion Ratio Lower Upper

95 100

174 73.0 0.0 154.8

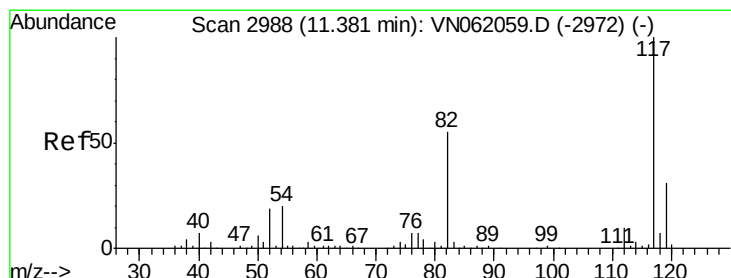
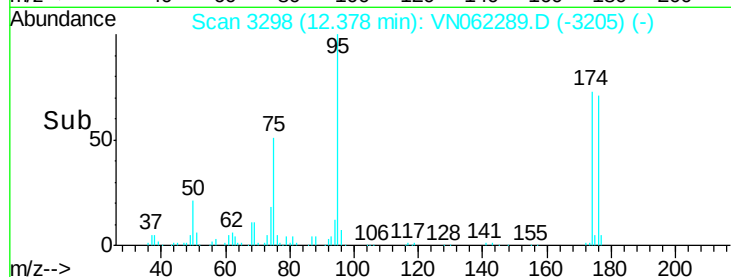
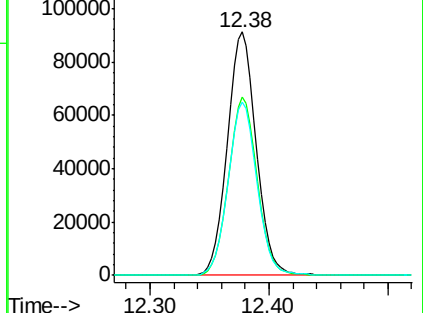
176 71.3 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062289.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062289.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062289.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062289.D

Acq: 1 Jul 2020 14:03

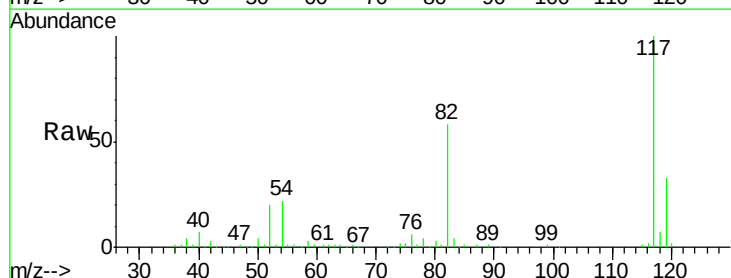
Tgt Ion: 117 Resp: 360387

Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.8

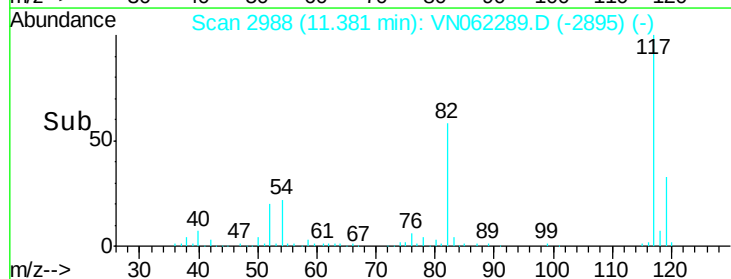
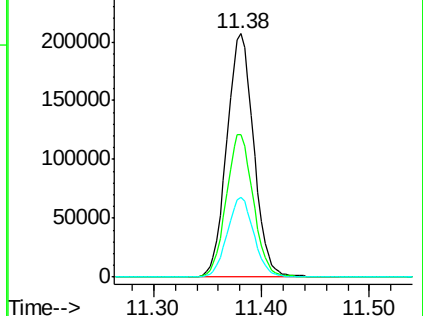
119 32.7 25.2 37.8

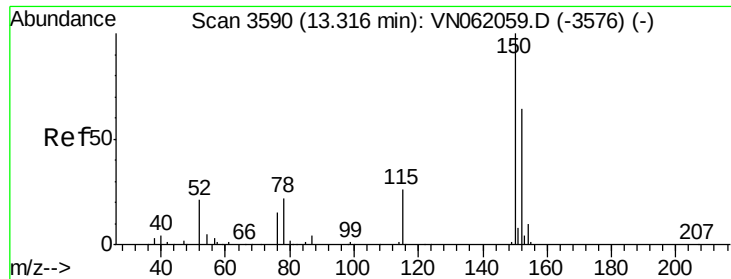


Abundance Ion 116.90 (116.60 to 117.60): VN062289.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062289.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062289.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062289.D

Acq: 1 Jul 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200625DL

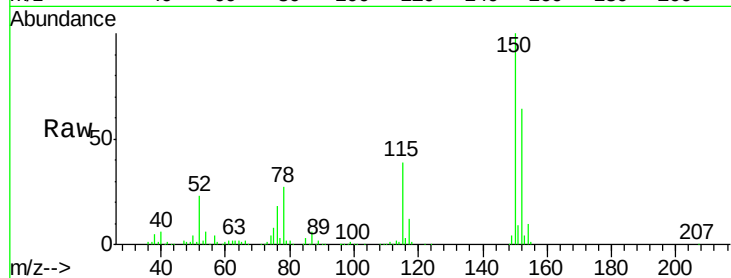
Tot Ion:152 Resp: 130827

Ion Ratio Lower Upper

152 100

115 60.5 29.5 88.5

150 156.3 0.0 351.4



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

