

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062193.D
 Acq On : 29 Jun 2020 17:19
 Operator : JC/MD
 Sample : L3088-03DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20BR-20200622DL

Quant Time: Jun 30 05:16:05 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

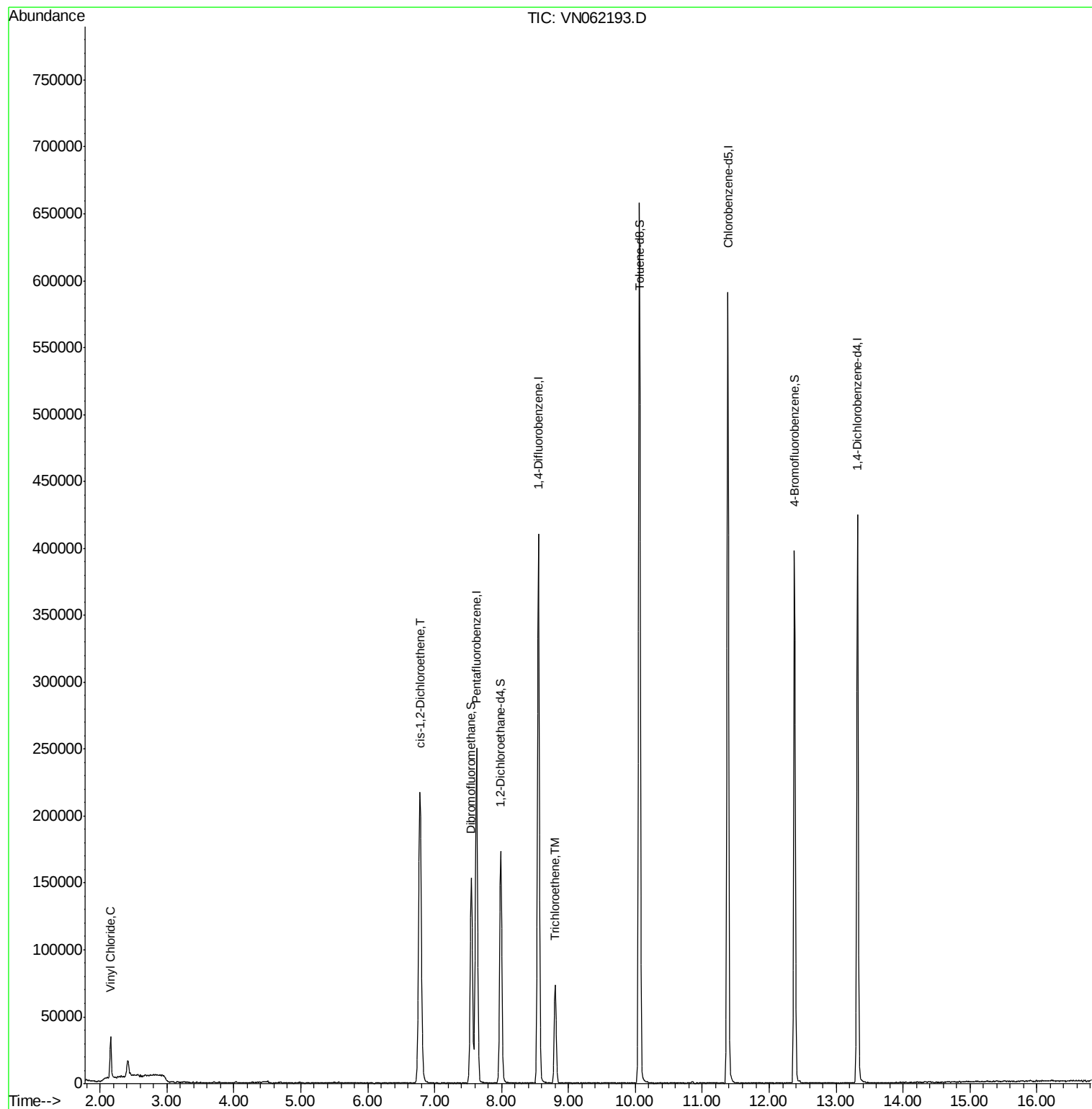
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	196100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	364443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	342931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	113094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	144818	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	7.55	113	117462	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.06	98	463647	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	139500	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
4) Vinyl Chloride	2.16	62	26294	7.533	ug/l	94
27) cis-1,2-Dichloroethene	6.78	96	147117	50.968	ug/l	91
44) Trichloroethene	8.80	130	27967	9.930	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062193.D
Acq On : 29 Jun 2020 17:19
Operator : JC/MD
Sample : L3088-03DL 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20BR-20200622DL

Quant Time: Jun 30 05:16:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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: VN062193.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

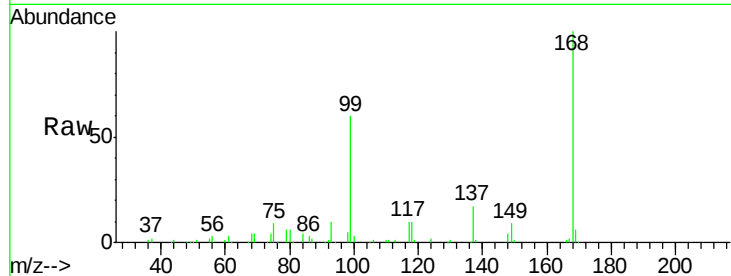
20BR-20200622DL

Tot Ion:168 Resp: 196100

Ion Ratio Lower Upper

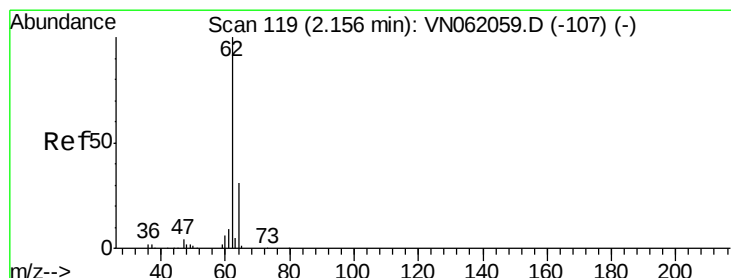
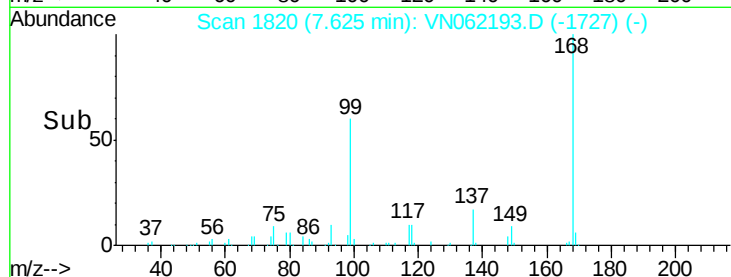
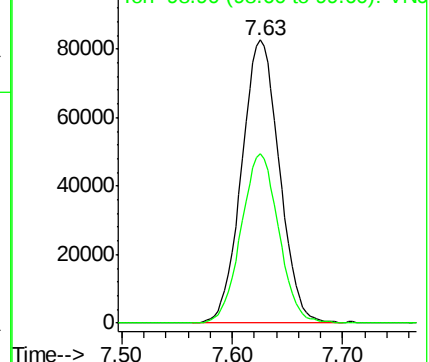
168 100

99 59.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 7.533 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062193.D

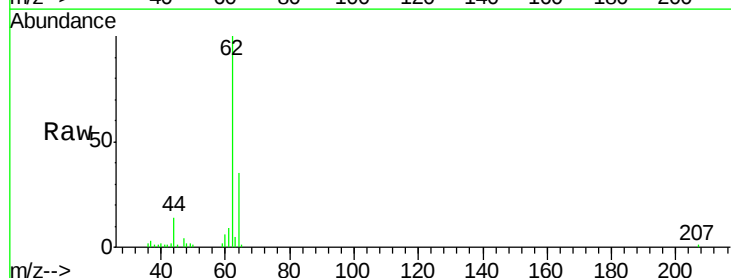
Acq: 29 Jun 2020 17:19

Tgt Ion: 62 Resp: 26294

Ion Ratio Lower Upper

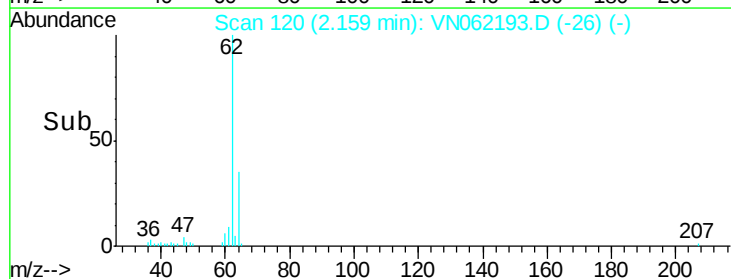
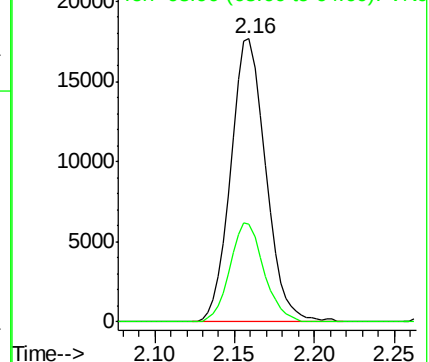
62 100

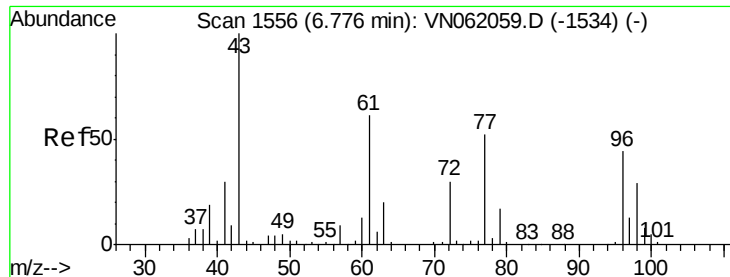
64 34.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.968 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062193.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

20BR-20200622DL

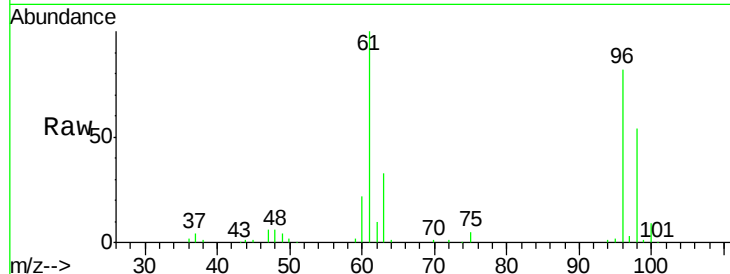
Tot Ion: 96 Resp: 147117

Ion Ratio Lower Upper

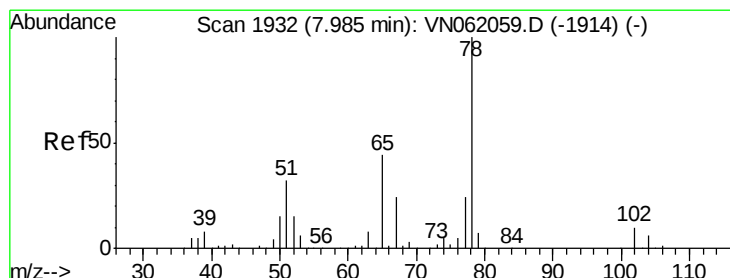
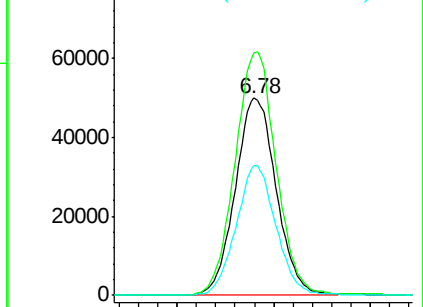
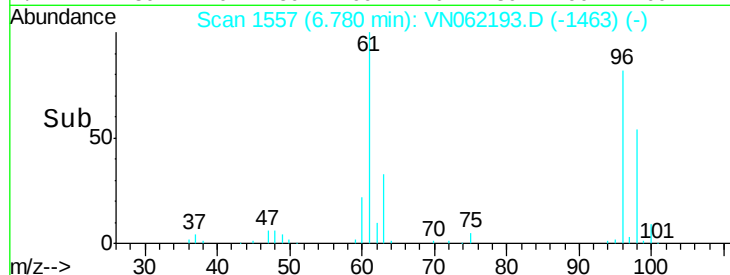
96 100

61 124.0 0.0 280.4

98 63.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062193.D (-1463) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.624 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062193.D

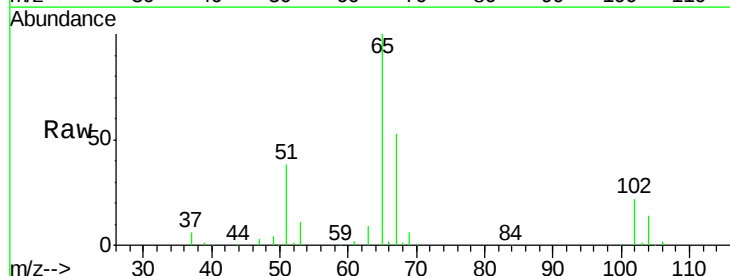
Acq: 29 Jun 2020 17:19

Tgt Ion: 65 Resp: 144818

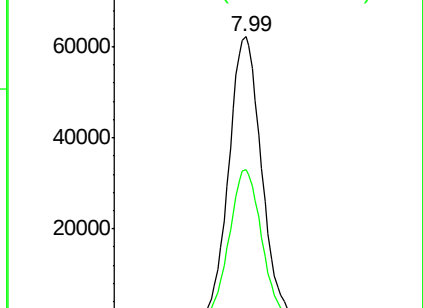
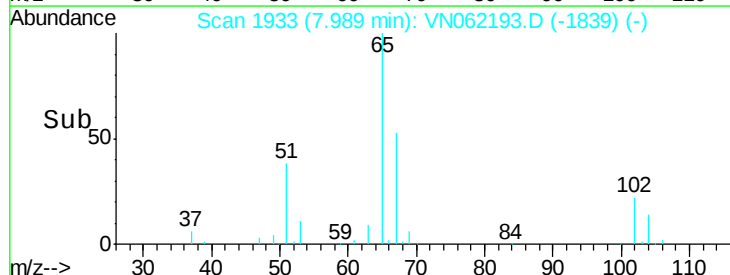
Ion Ratio Lower Upper

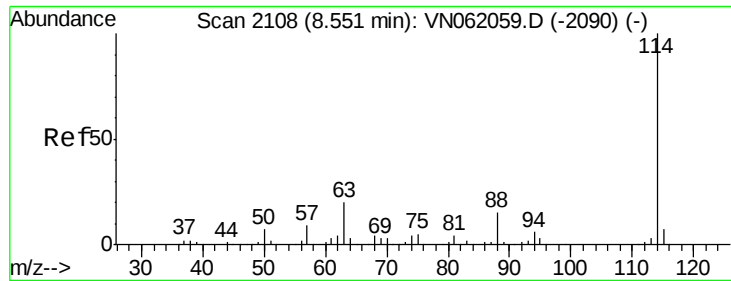
65 100

67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062193.D (-1839) (-)

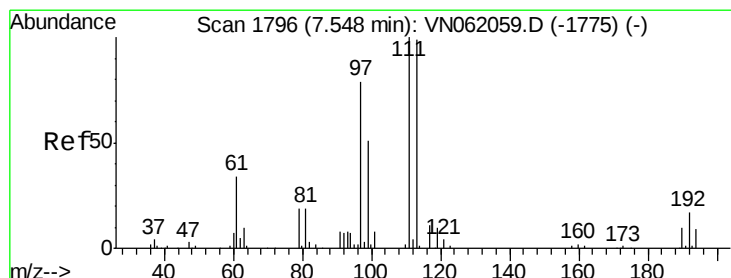
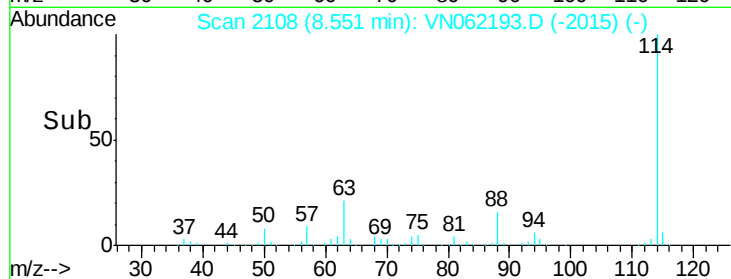
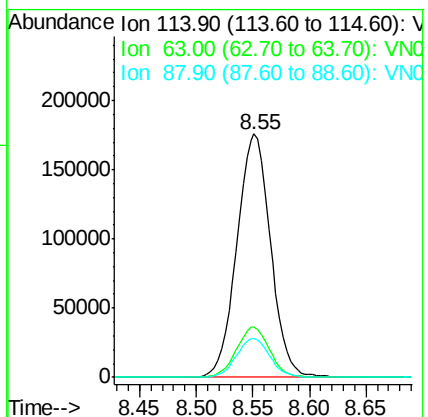
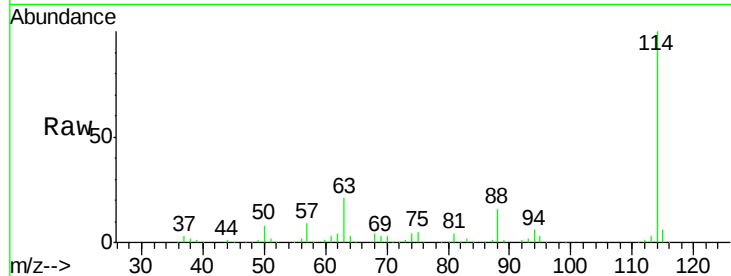




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062193.D
Acq: 29 Jun 2020 17:19

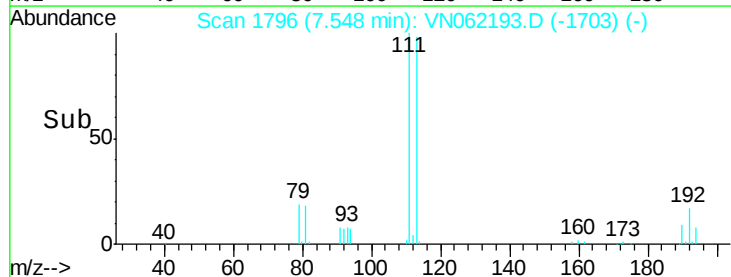
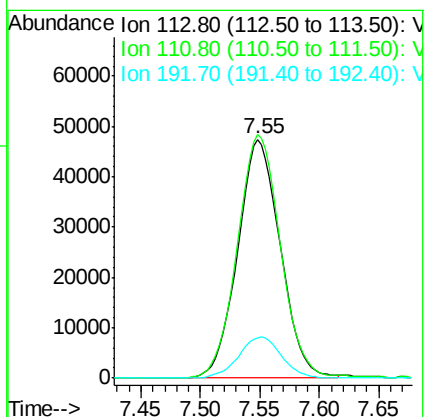
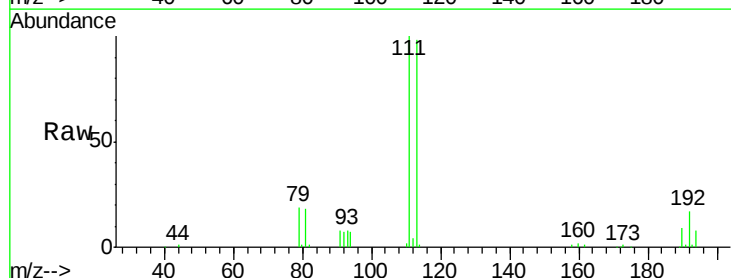
Instrument :
MSVOA_N
ClientSampleId :
20BR-20200622DL

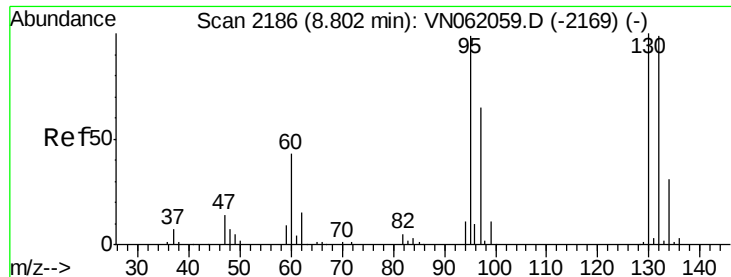
Tot Ion:114 Resp: 364443
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.2
88 16.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062193.D
Acq: 29 Jun 2020 17:19

Tgt Ion:113 Resp: 117462
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.3 14.0 21.0





#44

Trichloroethene

Concen: 9.930 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062193.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

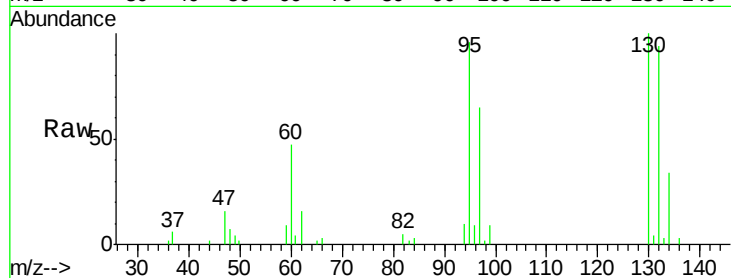
20BR-20200622DL

Tot Ion:130 Resp: 27967

Ion Ratio Lower Upper

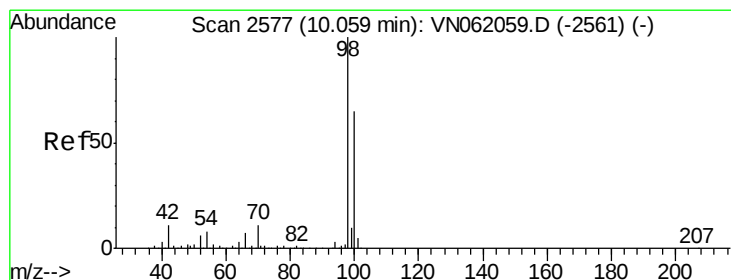
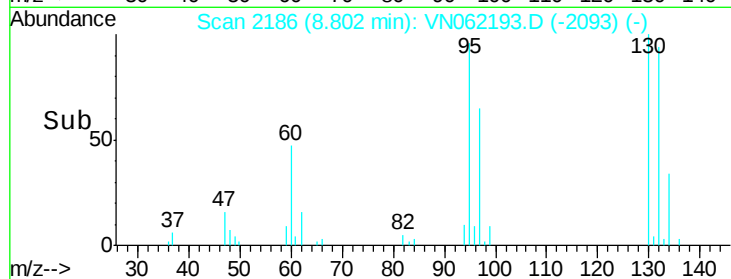
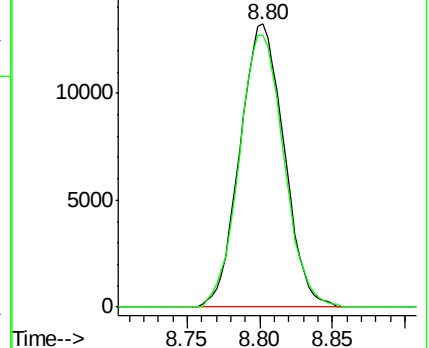
130 100

95 96.1 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: 49.609 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062193.D

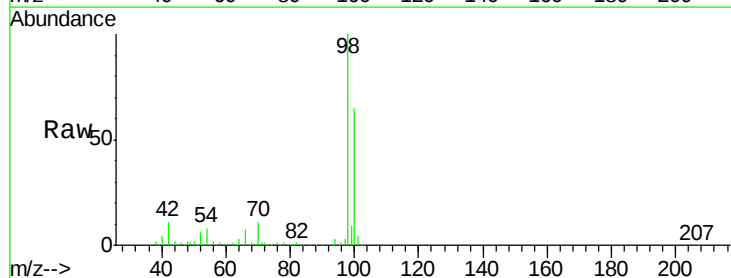
Acq: 29 Jun 2020 17:19

Tgt Ion: 98 Resp: 463647

Ion Ratio Lower Upper

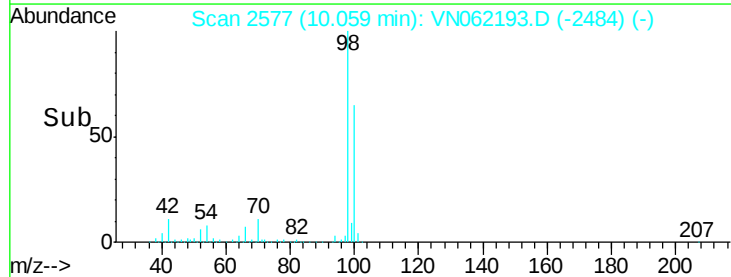
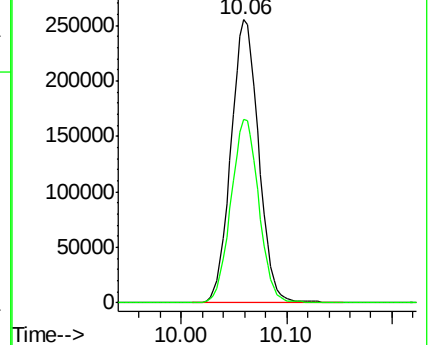
98 100

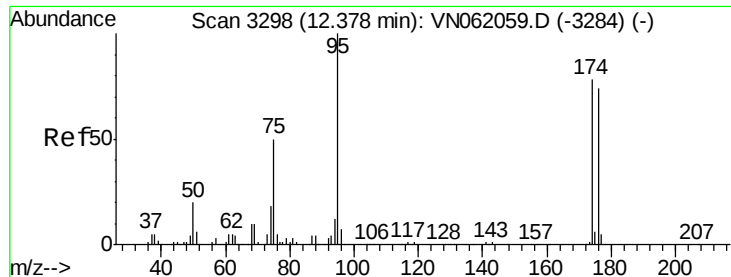
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

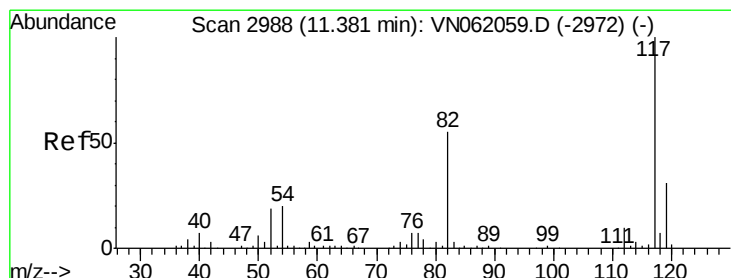
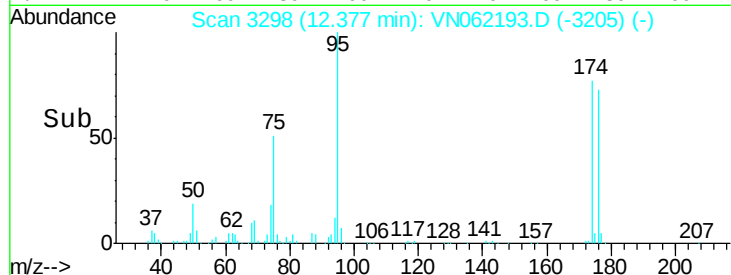
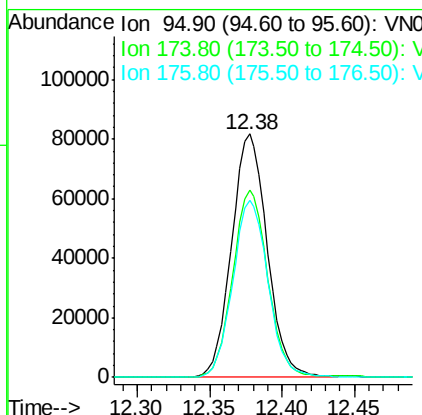
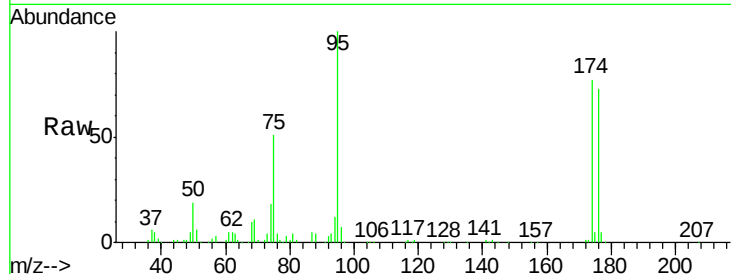




#62
4-Bromofluorobenzene
Concen: 44.179 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062193.D
Acq: 29 Jun 2020 17:19

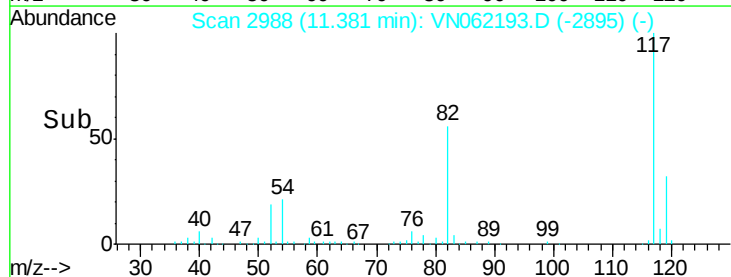
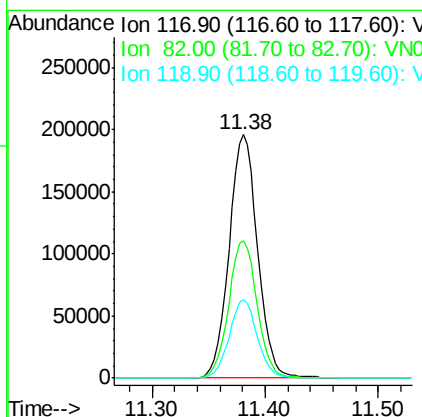
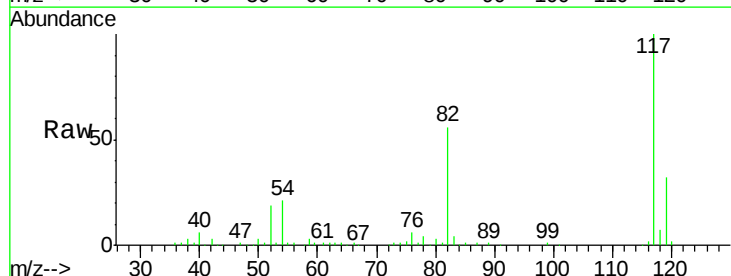
Instrument :
MSVOA_N
ClientSampleId :
20BR-20200622DL

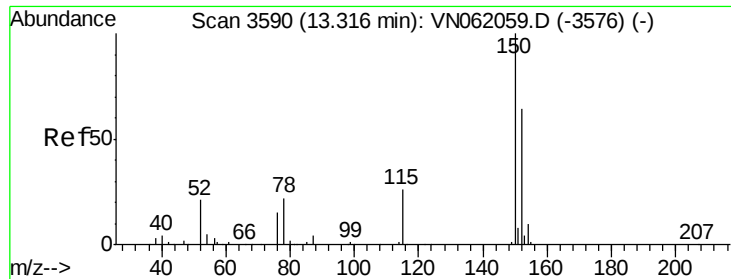
Tot Ion: 95 Resp: 139500
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.8
176 72.4 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062193.D
Acq: 29 Jun 2020 17:19

Tgt Ion: 117 Resp: 342931
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 32.4 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062193.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

20BR-20200622DL

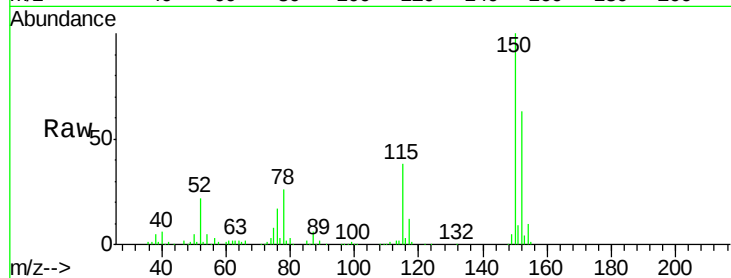
Tot Ion:152 Resp: 113094

Ion Ratio Lower Upper

152 100

115 60.3 29.5 88.5

150 157.7 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

