

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062143.D
 Acq On : 26 Jun 2020 16:37
 Operator : JC/MD
 Sample : L3127-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BRP1-20200625

Quant Time: Jun 27 04:42:45 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

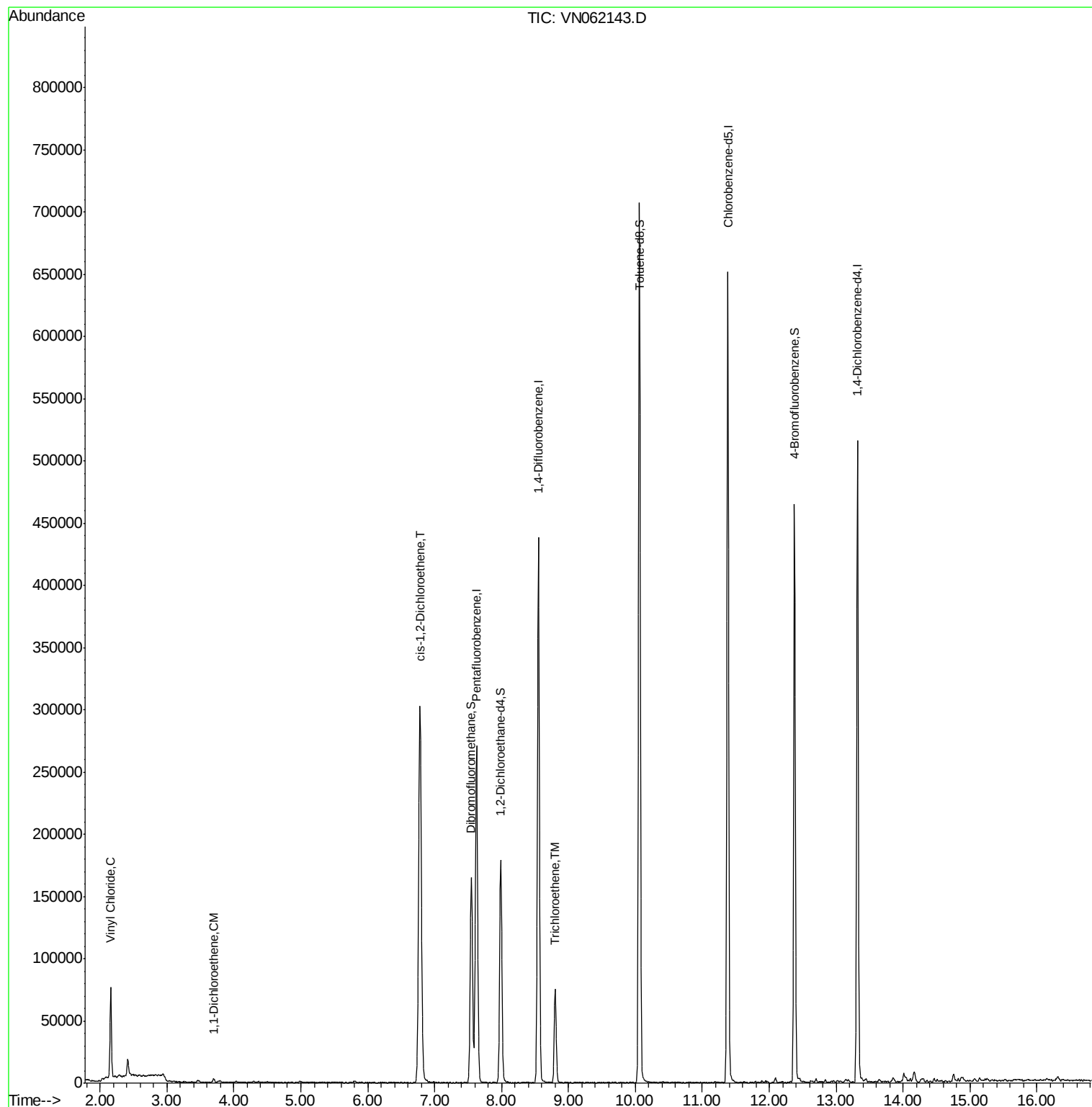
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151887	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.55	113	128025	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.06	98	500811	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	164531	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
Target Compounds						
4) Vinyl Chloride	2.16	62	64080	16.620	ug/l	99
12) 1,1-Dichloroethene	3.69	96	1459	0.587	ug/l #	78
27) cis-1,2-Dichloroethene	6.78	96	214356	67.233	ug/l	88
44) Trichloroethene	8.80	130	27153	8.750	ug/l	86

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062143.D

Acq: 26 Jun 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

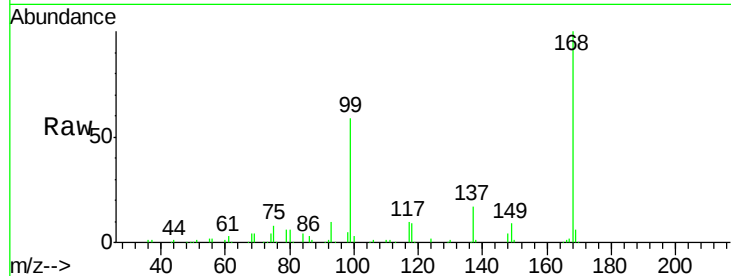
BRP1-20200625

Tot Ion:168 Resp: 216603

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

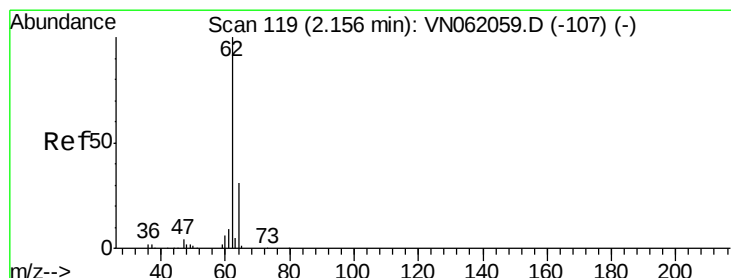
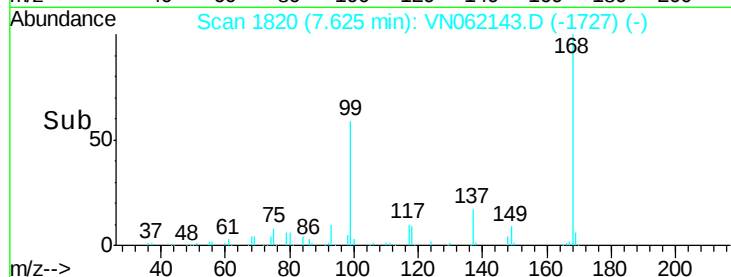
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 16.620 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062143.D

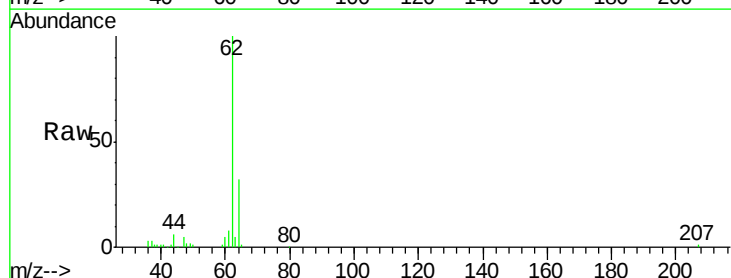
Acq: 26 Jun 2020 16:37

Tgt Ion: 62 Resp: 64080

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.16

50000

40000

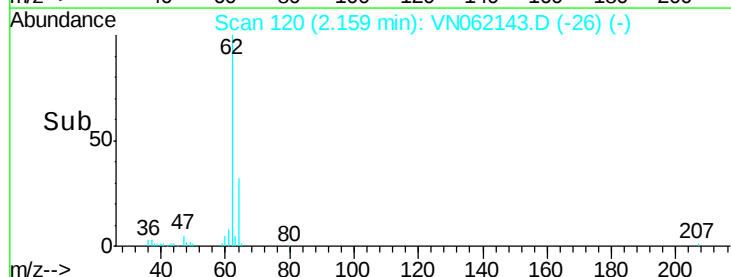
30000

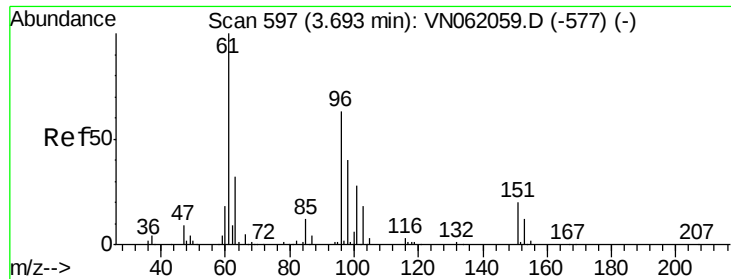
20000

10000

0

Time--> 2.10 2.15 2.20 2.25

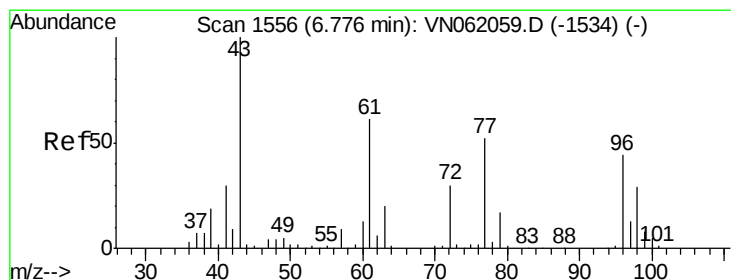
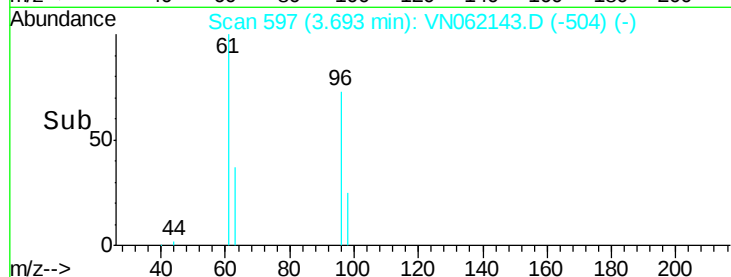
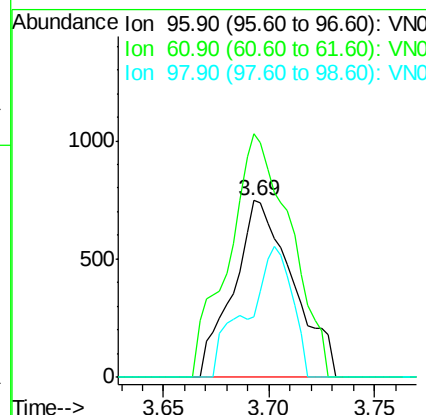
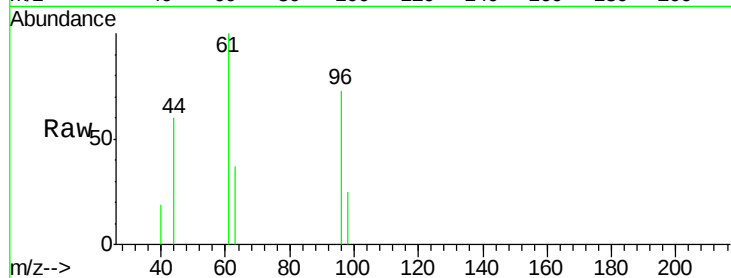




#12
 1,1-Dichloroethene
 Concen: 0.587 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062143.D
 Acq: 26 Jun 2020 16:37

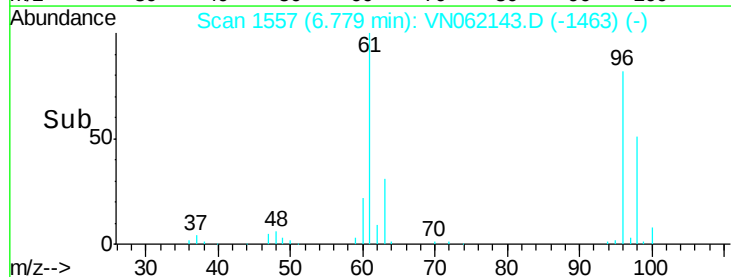
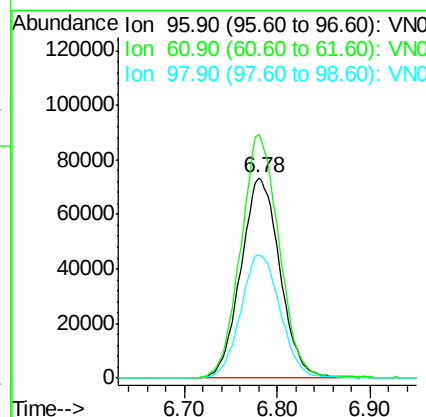
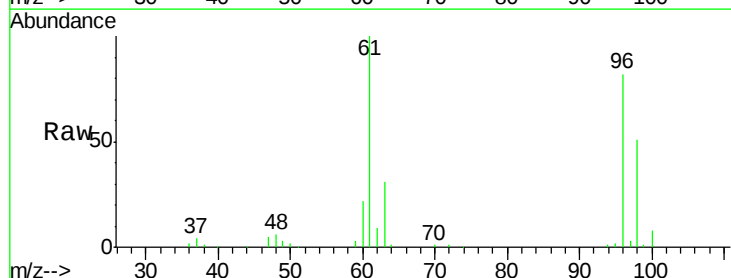
Instrument :
 MSVOA_N
 ClientSampleId :
 BRP1-20200625

Tot Ion: 96 Resp: 1459
 Ion Ratio Lower Upper
 96 100
 61 137.8 126.7 190.1
 98 34.5 51.0 76.4#



#27
 cis-1,2-Dichloroethene
 Concen: 67.233 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062143.D
 Acq: 26 Jun 2020 16:37

Tgt Ion: 96 Resp: 214356
 Ion Ratio Lower Upper
 96 100
 61 119.8 0.0 280.4
 98 62.5 0.0 129.4

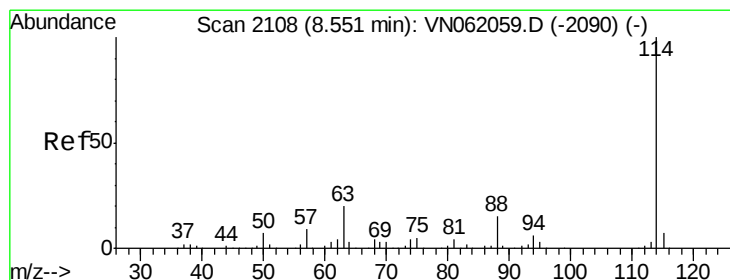
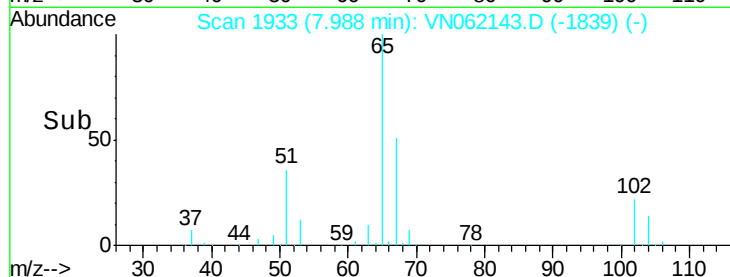
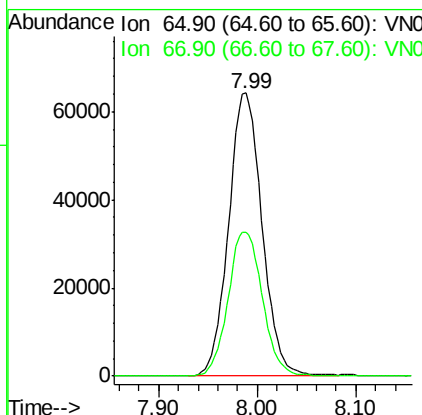
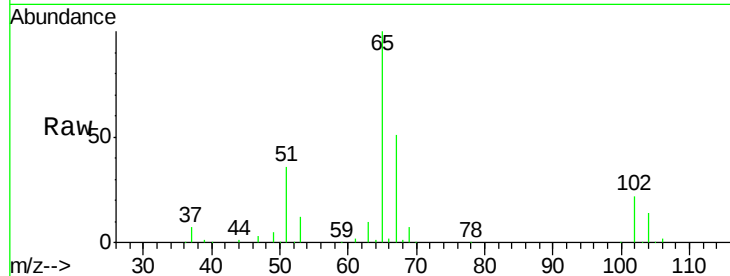




#33
 1,2-Dichloroethane-d4
 Concen: 49.968 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062143.D
 Acq: 26 Jun 2020 16:37

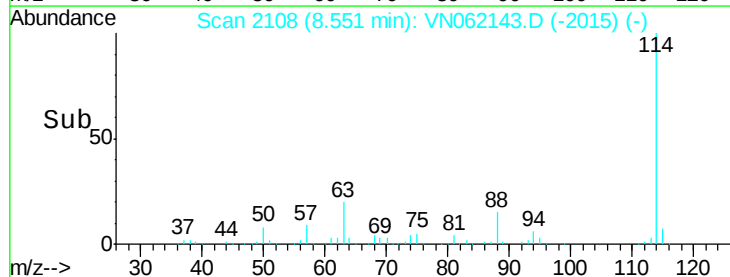
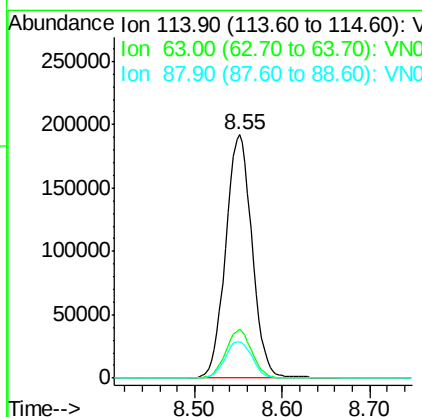
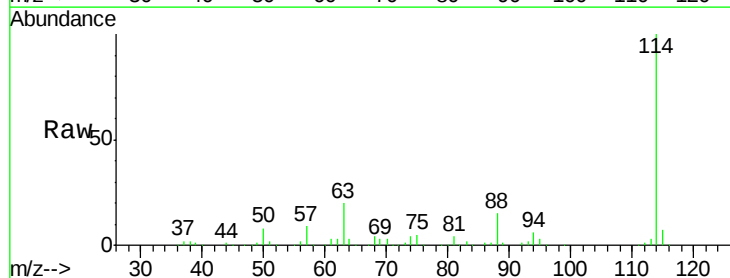
Instrument :
 MSVOA_N
 ClientSampleId :
 BRP1-20200625

Tot Ion: 65 Resp: 151887
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062143.D
 Acq: 26 Jun 2020 16:37

Tgt Ion: 114 Resp: 401523
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.0 0.0 30.8

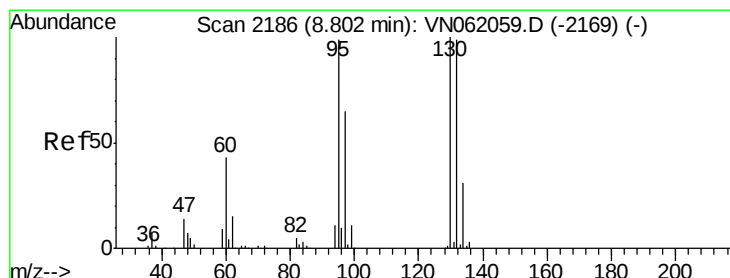
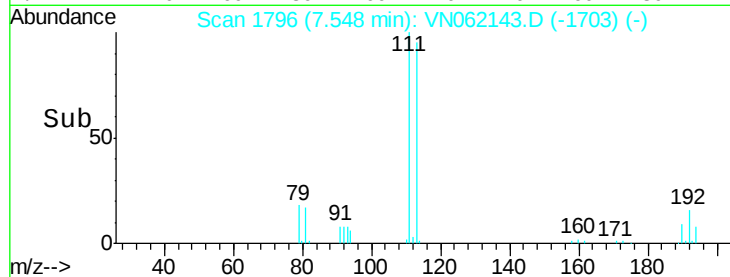
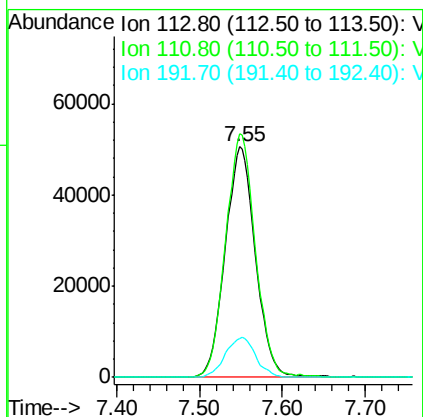
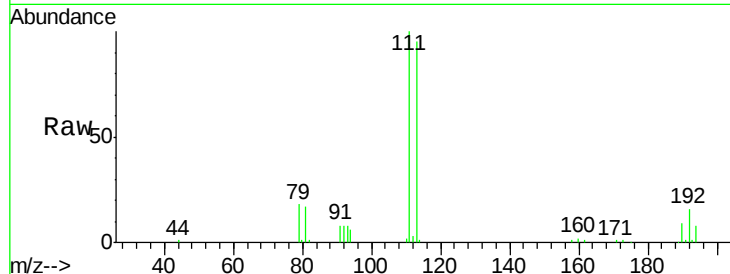




#35
 Dibromofluoromethane
 Concen: 49.700 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062143.D
 Acq: 26 Jun 2020 16:37

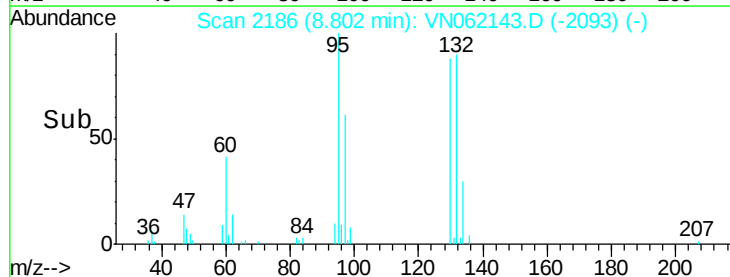
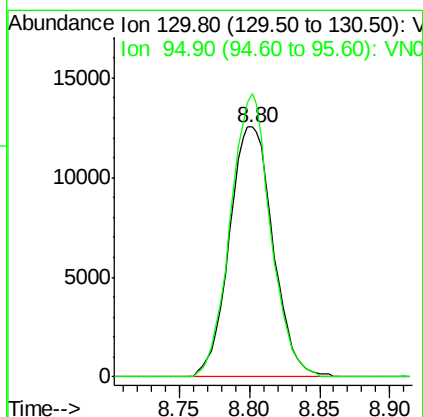
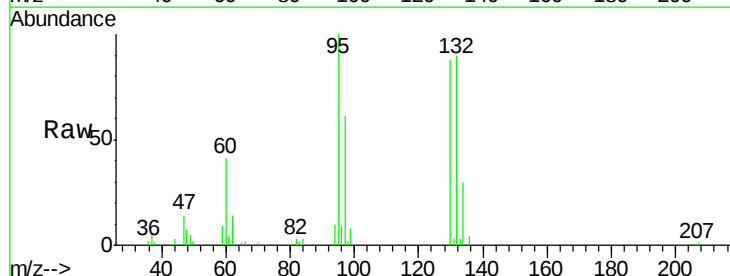
Instrument :
 MSVOA_N
 ClientSampleId :
 BRP1-20200625

Tot Ion:113 Resp: 128025
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 17.4 14.0 21.0



#44
 Trichloroethene
 Concen: 8.750 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062143.D
 Acq: 26 Jun 2020 16:37

Tgt Ion:130 Resp: 27153
 Ion Ratio Lower Upper
 130 100
 95 113.2 0.0 197.8





#50

Toluene-d8

Concen: 48.637 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062143.D

Acq: 26 Jun 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

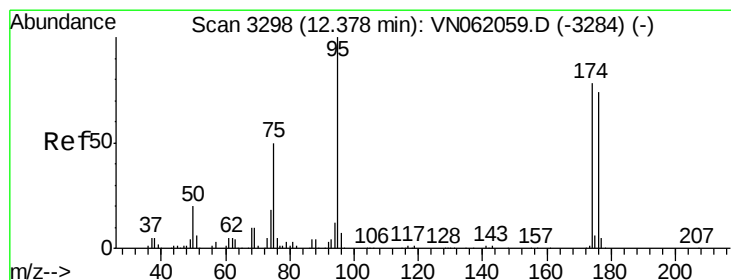
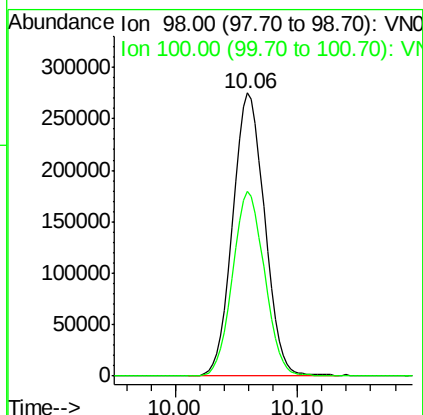
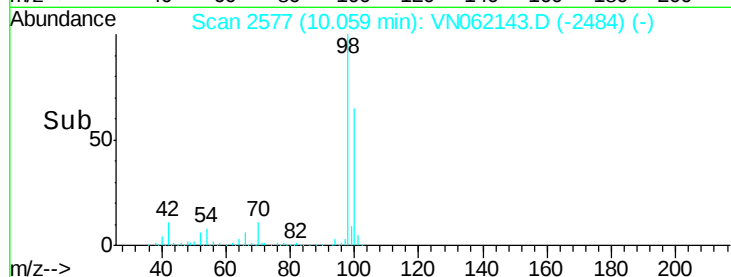
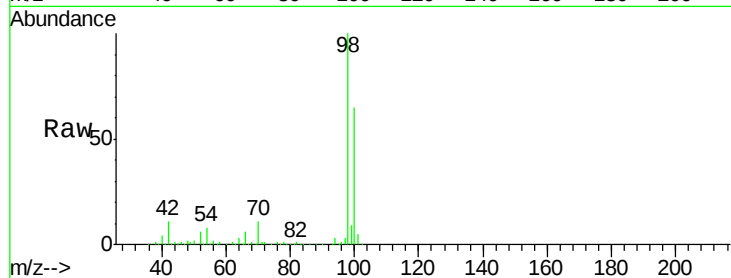
BRP1-20200625

Tot Ion: 98 Resp: 500811

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.294 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062143.D

Acq: 26 Jun 2020 16:37

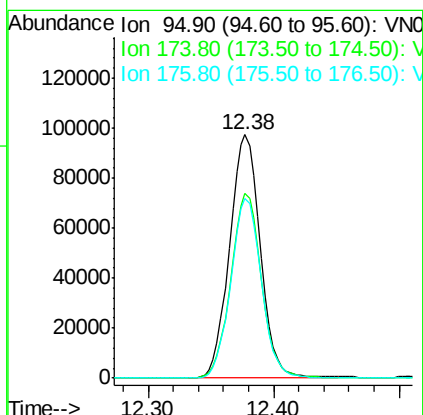
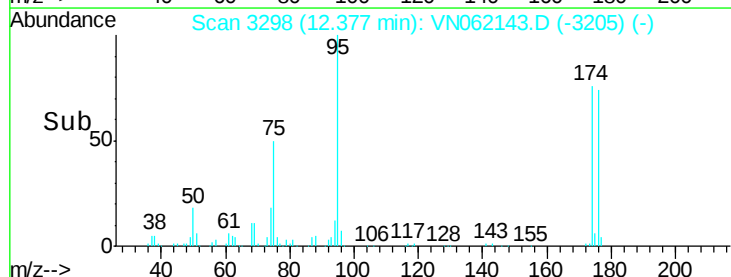
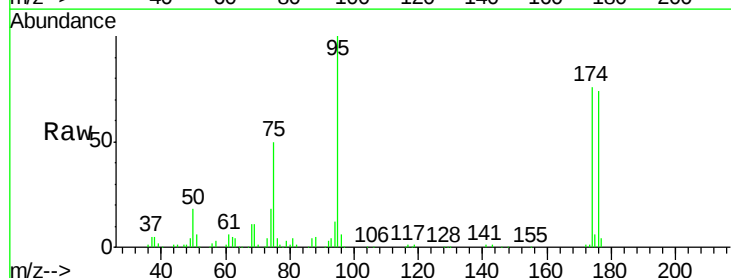
Tgt Ion: 95 Resp: 164531

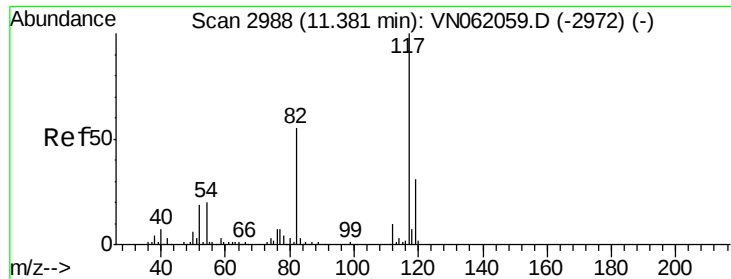
Ion Ratio Lower Upper

95 100

174 76.0 0.0 154.8

176 74.1 0.0 147.4

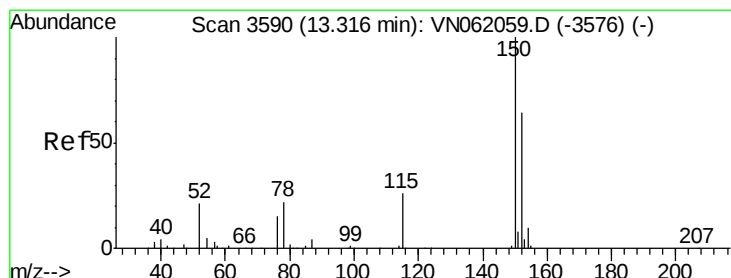
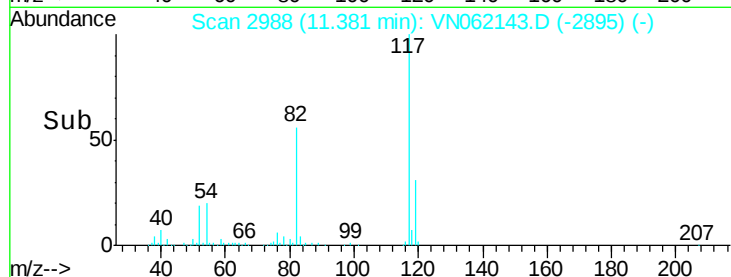
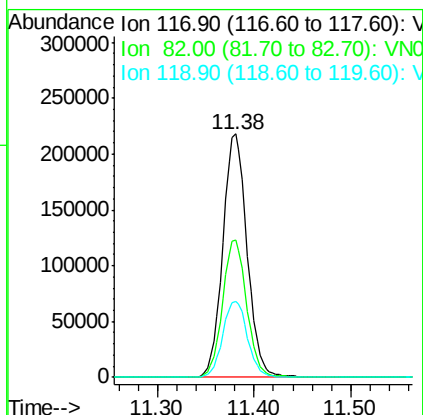
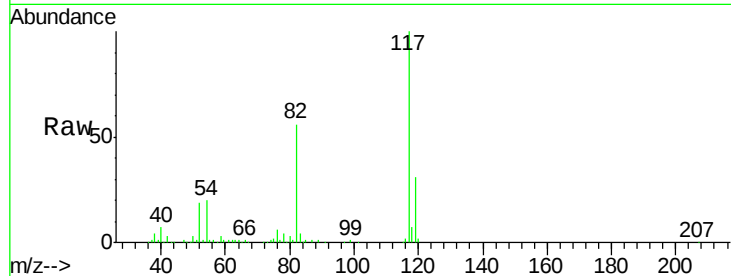




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062143.D
Acq: 26 Jun 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
BRP1-20200625

Tot Ion:117 Resp: 380458
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 31.4 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: VN062143.D
Acq: 26 Jun 2020 16:37

Tgt Ion:152 Resp: 140483
Ion Ratio Lower Upper
152 100
115 59.3 29.5 88.5
150 159.9 0.0 351.4

