

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063109.D
 Acq On : 25 Aug 2020 12:52
 Operator : JC/MD
 Sample : L3783-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-EB-20200821

Quant Time: Aug 26 06:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

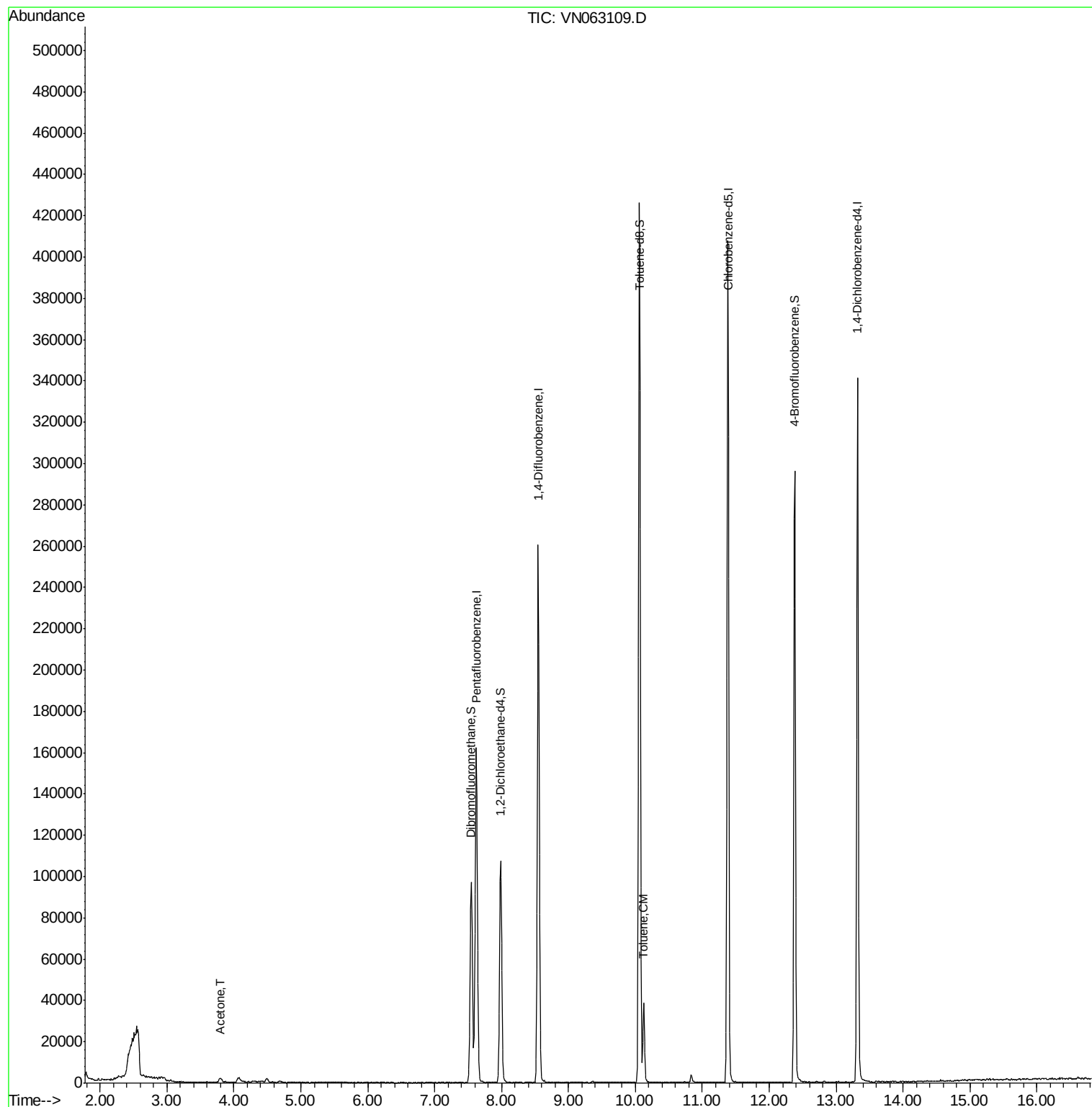
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	140805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	235150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	93088	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
35) Dibromofluoromethane	7.55	113	76532	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.06	98	299988	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.38	95	105541	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
Target Compounds						
16) Acetone	3.79	43	4332	4.472	ug/l	91
52) Toluene	10.12	92	16785	4.234	ug/l	100

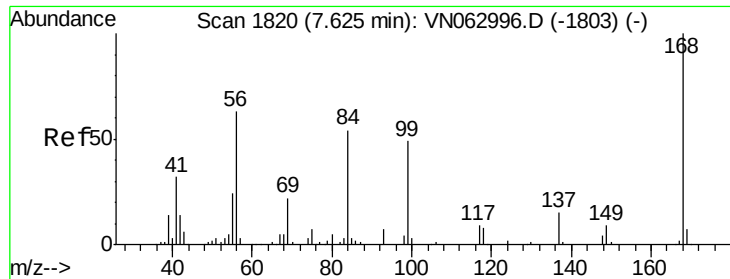
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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ClientSampleId :

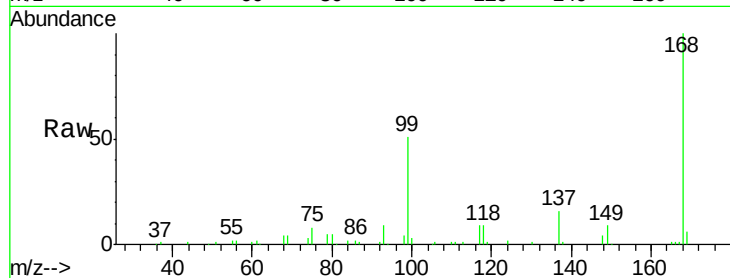
BP-VPB181-EB-20200821

Tot Ion:168 Resp: 140805

Ion Ratio Lower Upper

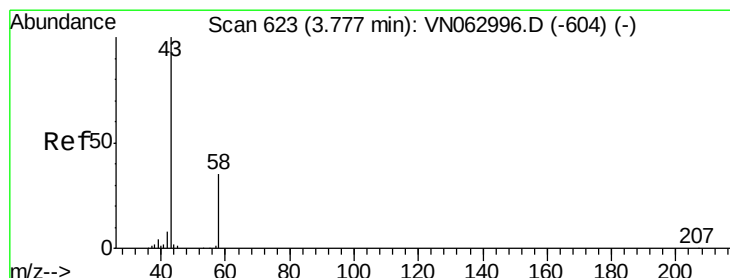
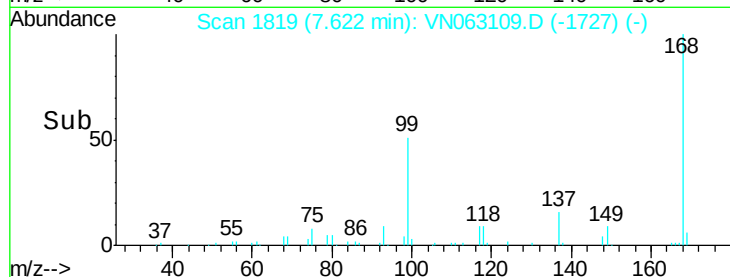
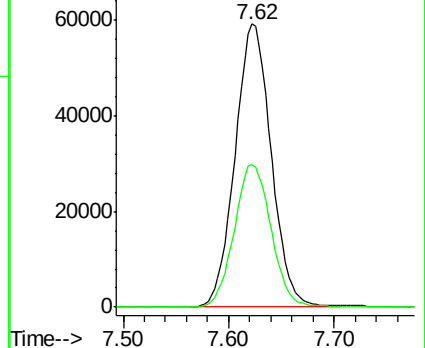
168 100

99 50.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 4.472 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN063109.D

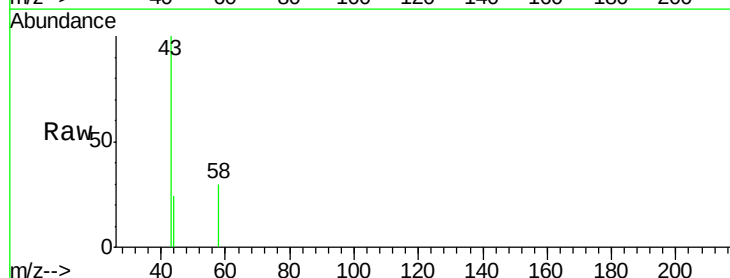
Acq: 25 Aug 2020 12:52

Tgt Ion: 43 Resp: 4332

Ion Ratio Lower Upper

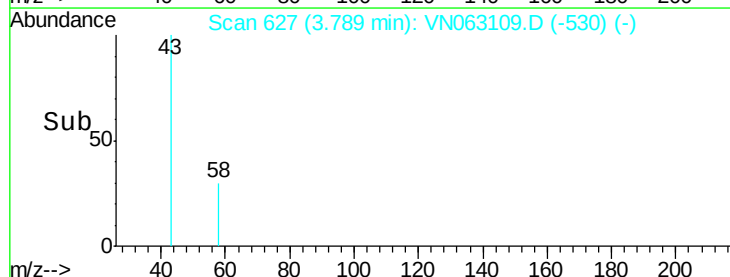
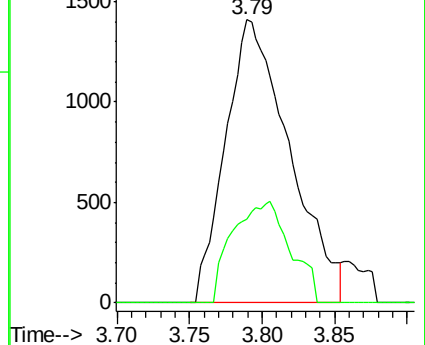
43 100

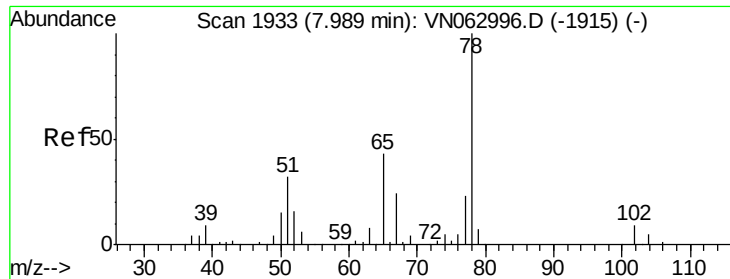
58 29.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

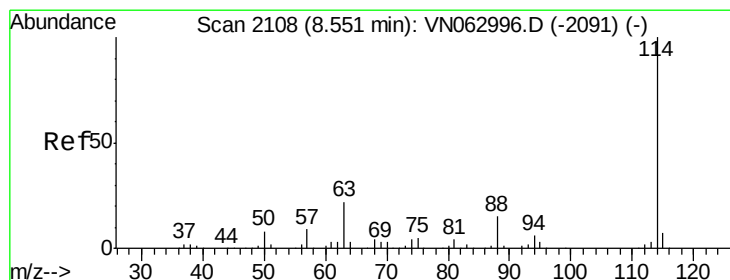
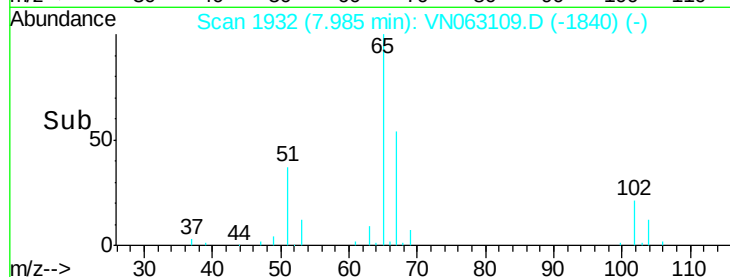
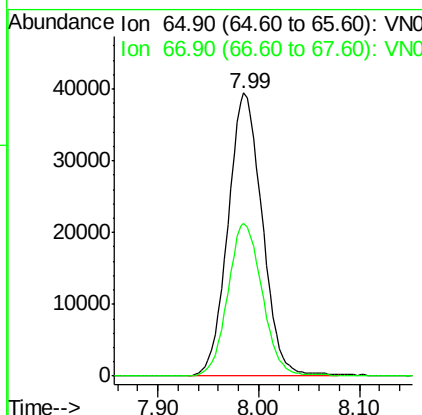
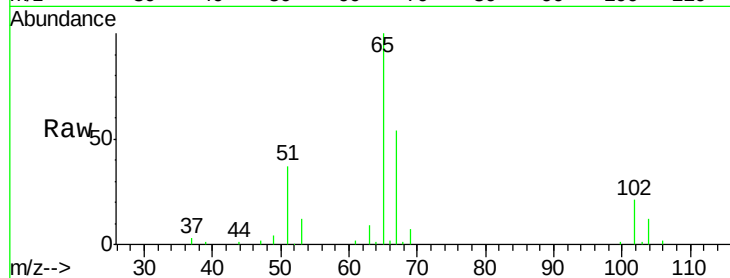




#33
 1,2-Dichloroethane-d4
 Concen: 55.781 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063109.D
 Acq: 25 Aug 2020 12:52

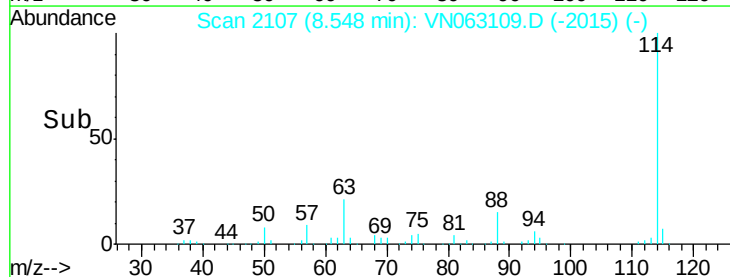
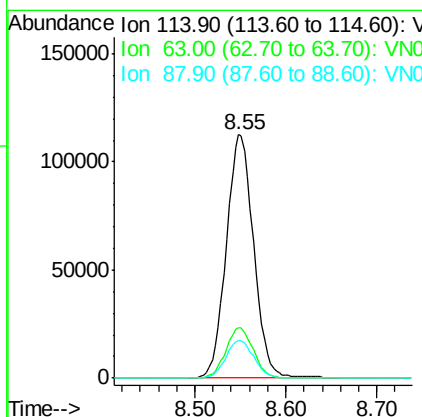
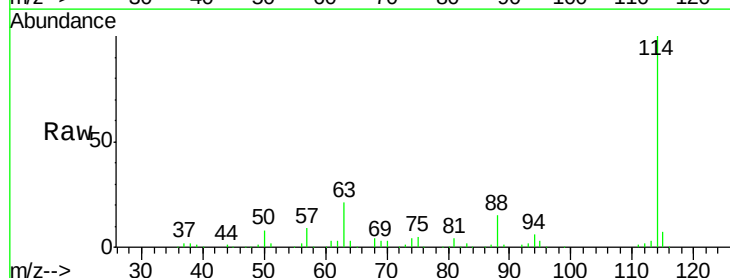
Instrument :
 MSVOA_N
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 BP-VPB181-EB-20200821

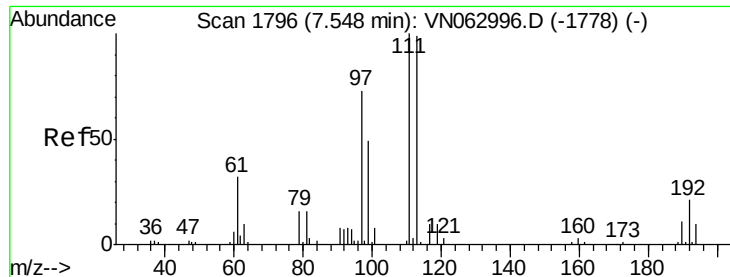
Tot Ion: 65 Resp: 93088
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063109.D
 Acq: 25 Aug 2020 12:52

Tgt Ion: 114 Resp: 235150
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.5 0.0 30.6

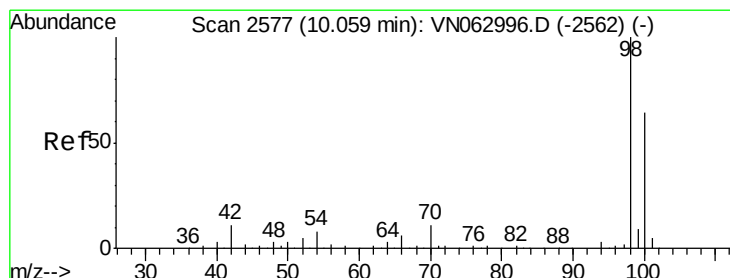
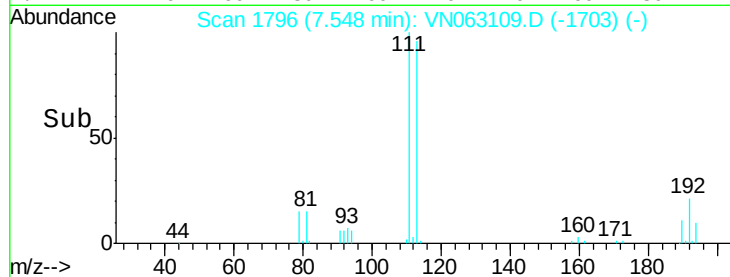
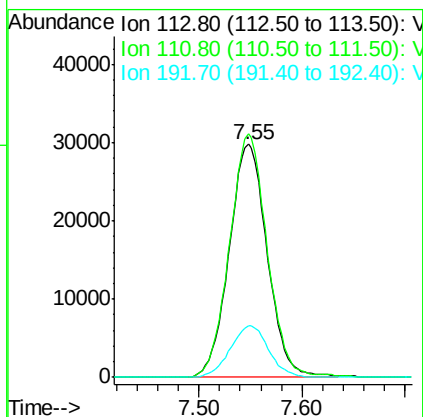
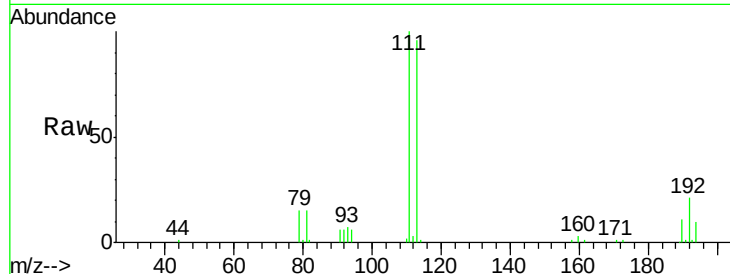




#35
 Dibromofluoromethane
 Concen: 49.948 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063109.D
 Acq: 25 Aug 2020 12:52

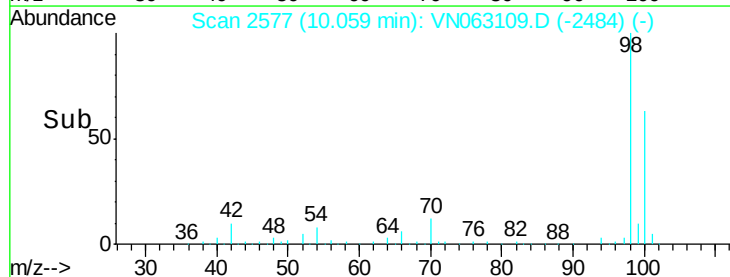
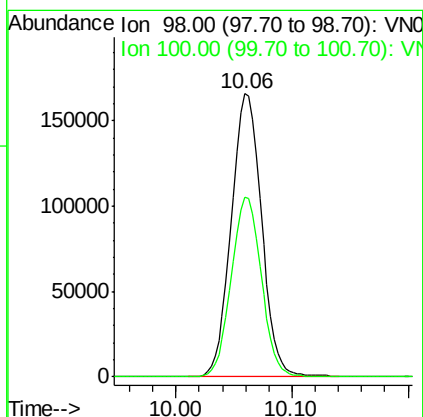
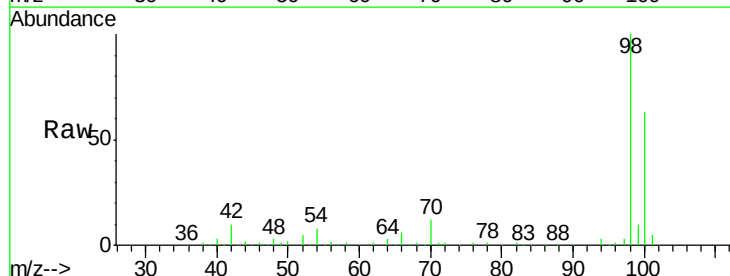
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-EB-20200821

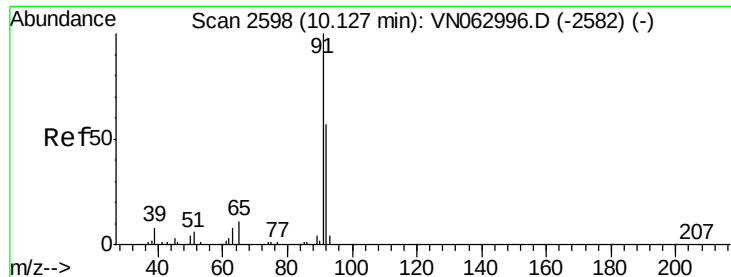
Tot Ion:113 Resp: 76532
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 22.2 17.5 26.3



#50
 Toluene-d8
 Concen: 50.972 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063109.D
 Acq: 25 Aug 2020 12:52

Tgt Ion: 98 Resp: 299988
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.2 76.8





#52

Toluene

Concen: 4.234 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063109.D

Acq: 25 Aug 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

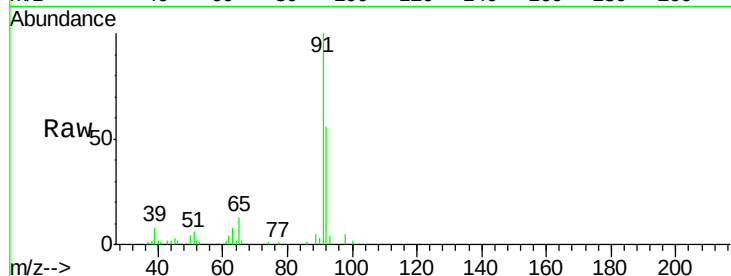
BP-VPB181-EB-20200821

Tot Ion: 92 Resp: 16785

Ion Ratio Lower Upper

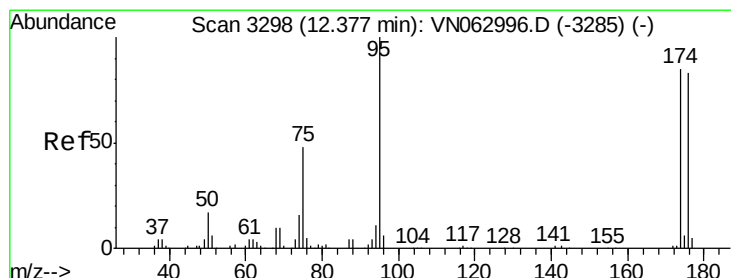
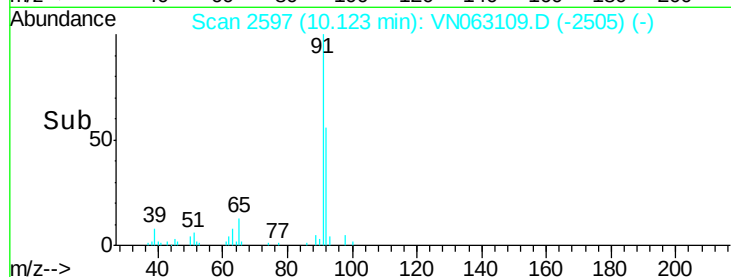
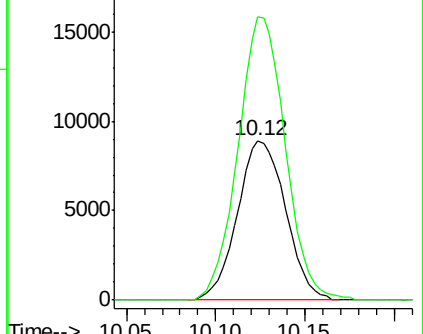
92 100

91 174.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)



#62

4-Bromofluorobenzene

Concen: 50.818 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VN063109.D

Acq: 25 Aug 2020 12:52

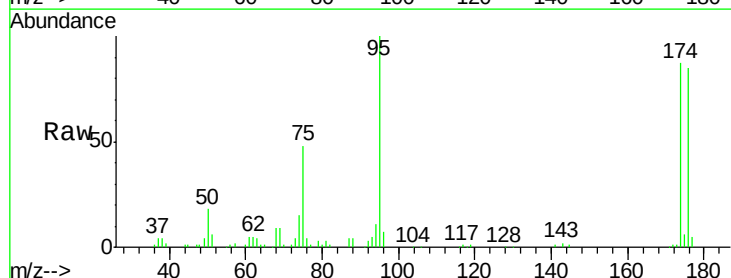
Tgt Ion: 95 Resp: 105541

Ion Ratio Lower Upper

95 100

174 86.7 0.0 170.8

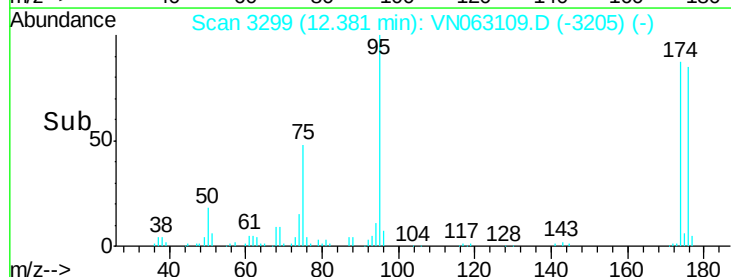
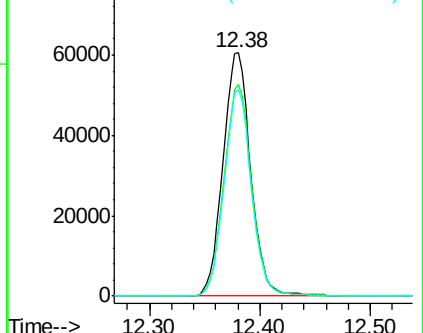
176 83.2 0.0 164.8

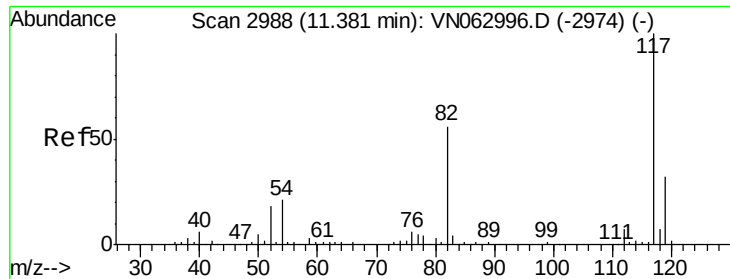


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063109.D

Acq: 25 Aug 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

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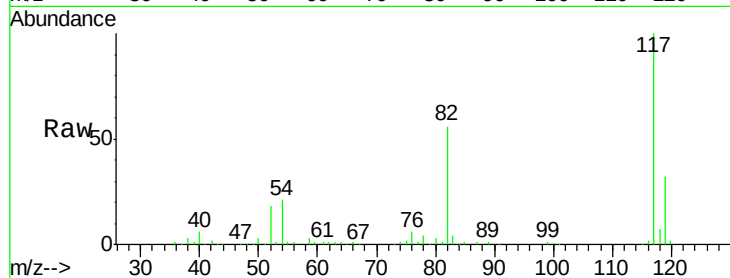
Tot Ion:117 Resp: 243399

Ion Ratio Lower Upper

117 100

82 55.7 44.5 66.7

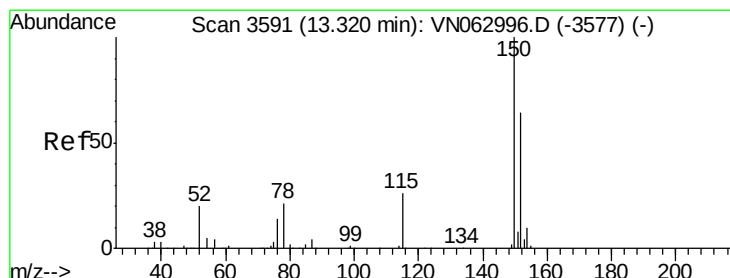
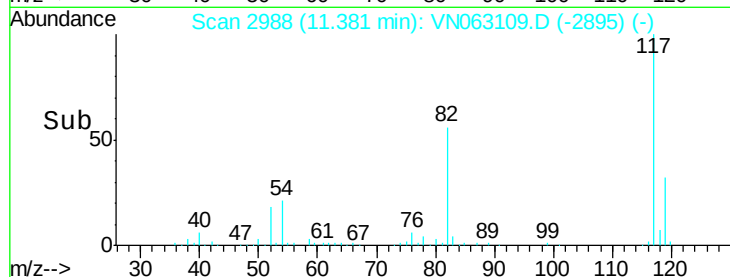
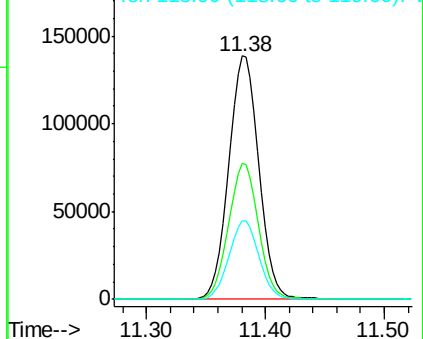
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): 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: VN063109.D

Acq: 25 Aug 2020 12:52

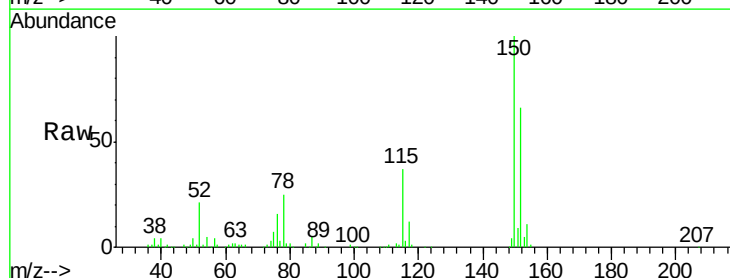
Tgt Ion:152 Resp: 97549

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

150 158.0 0.0 348.8



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

