

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063007.D
 Acq On : 19 Aug 2020 12:38
 Operator : JC/MD
 Sample : L3718-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-EB-20200813

Quant Time: Aug 19 14:20:20 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

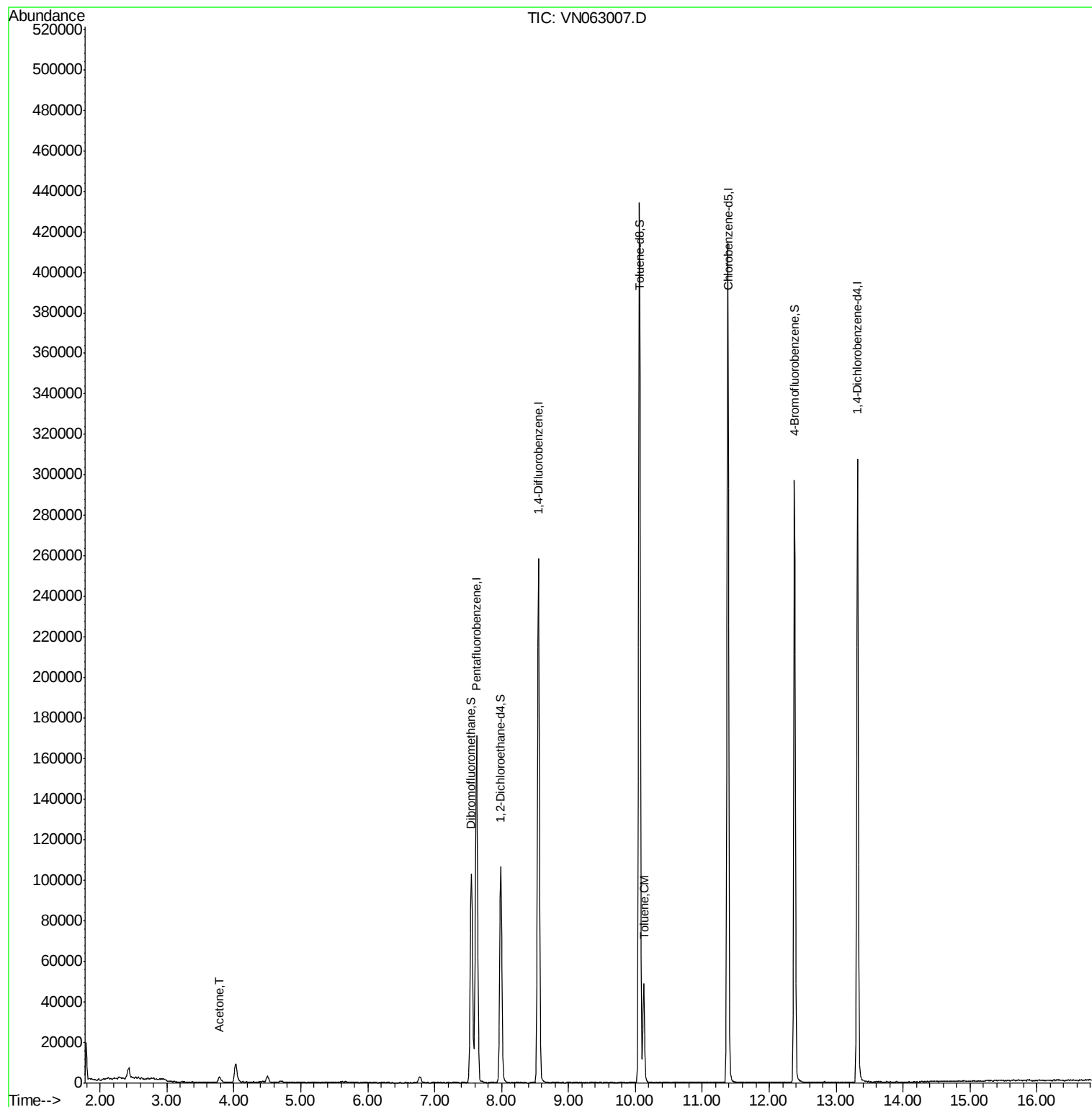
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	91952	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.55	113	81265	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.06	98	312332	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.38	95	104291	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
16) Acetone	3.78	43	4947	5.213	ug/l	93
52) Toluene	10.13	92	21624	5.333	ug/l	100

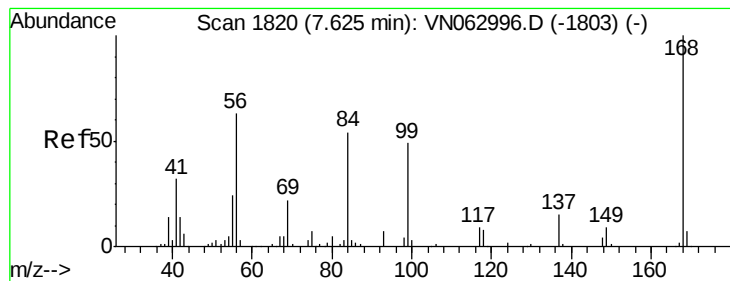
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

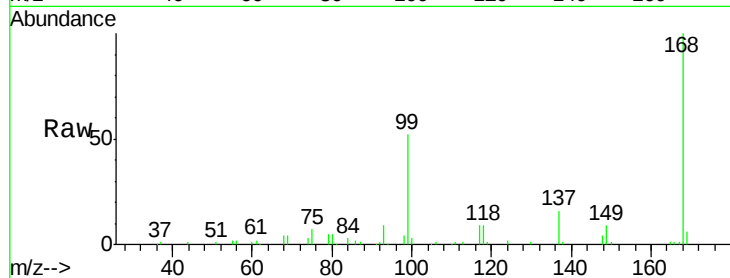
BP-VPB181-EB-20200813

Tot Ion:168 Resp: 147843

Ion Ratio Lower Upper

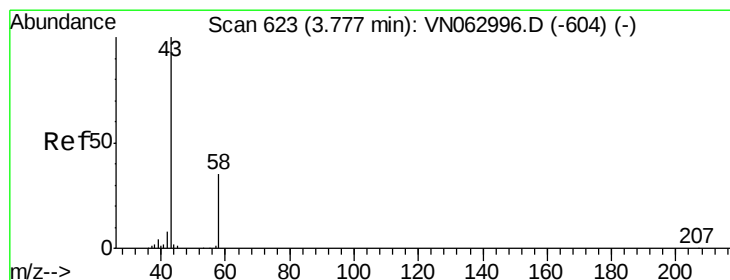
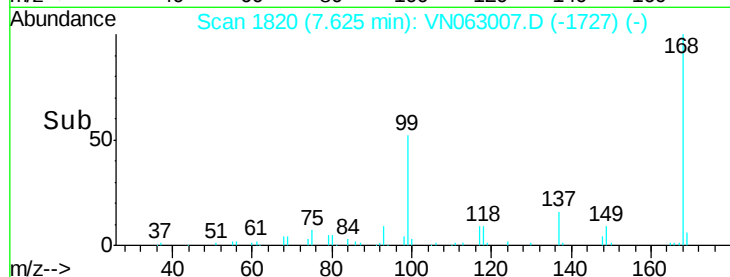
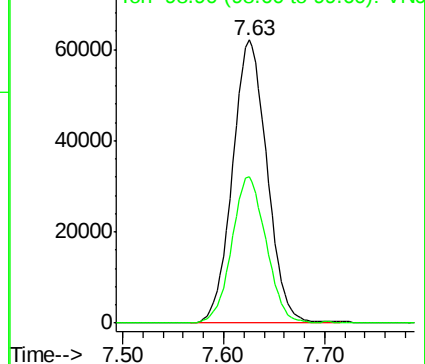
168 100

99 51.9 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: 5.213 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063007.D

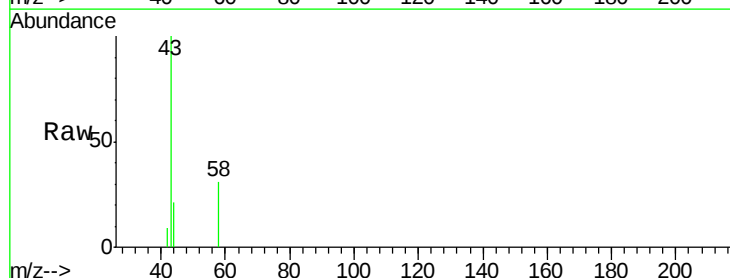
Acq: 19 Aug 2020 12:38

Tgt Ion: 43 Resp: 4947

Ion Ratio Lower Upper

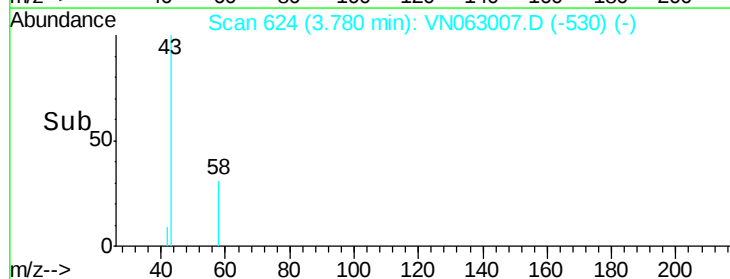
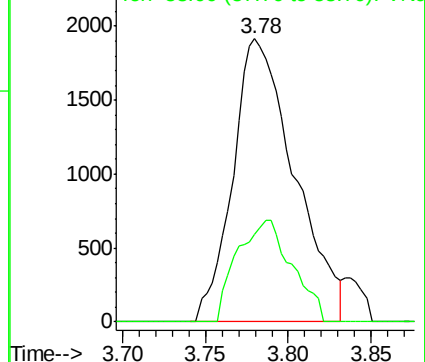
43 100

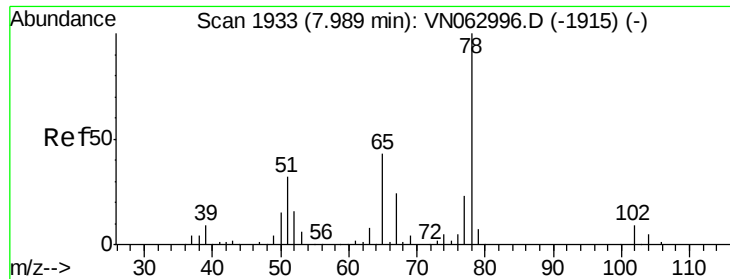
58 30.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

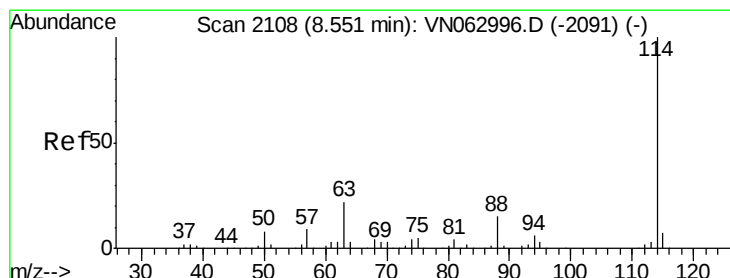
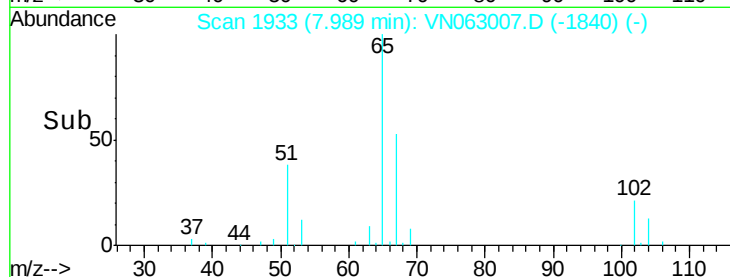
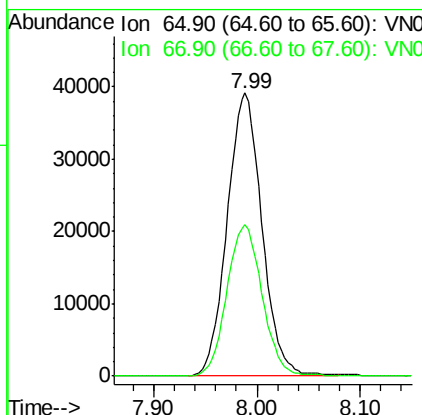
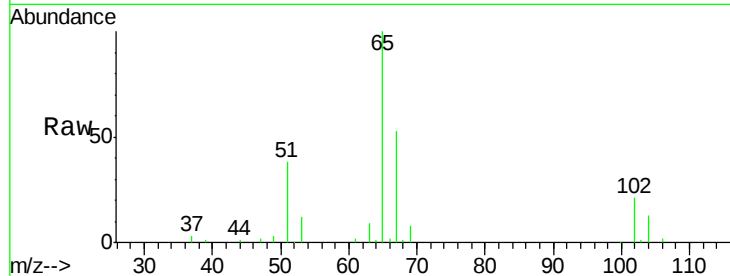




#33
 1,2-Dichloroethane-d4
 Concen: 52.478 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063007.D
 Acq: 19 Aug 2020 12:38

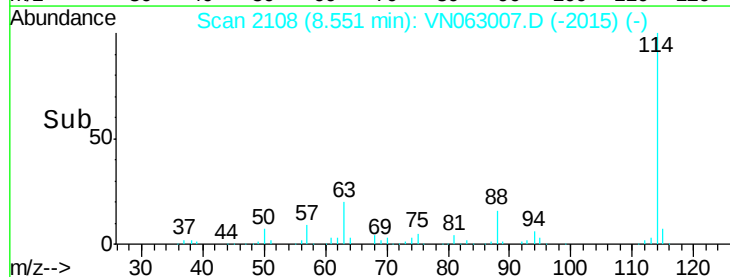
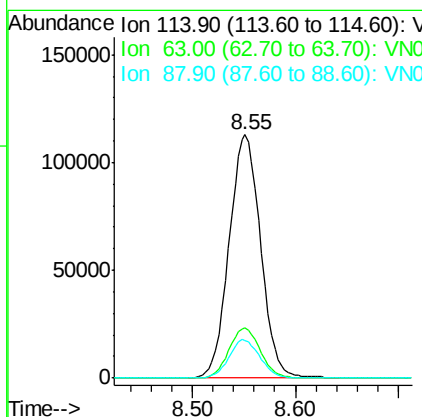
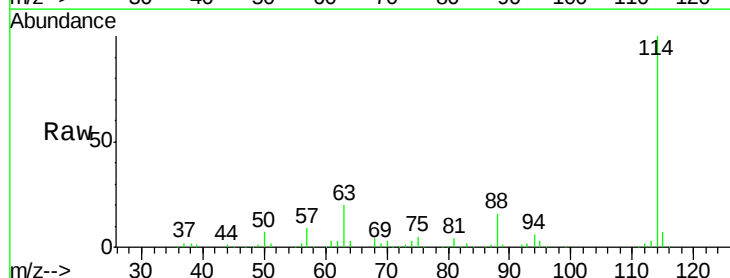
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-EB-20200813

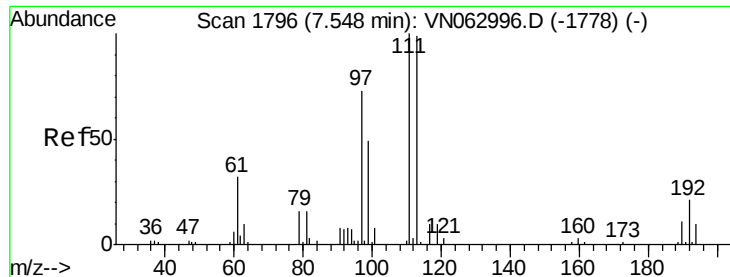
Tot Ion: 65 Resp: 91952
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063007.D
 Acq: 19 Aug 2020 12:38

Tgt Ion: 114 Resp: 240465
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.6 0.0 30.6

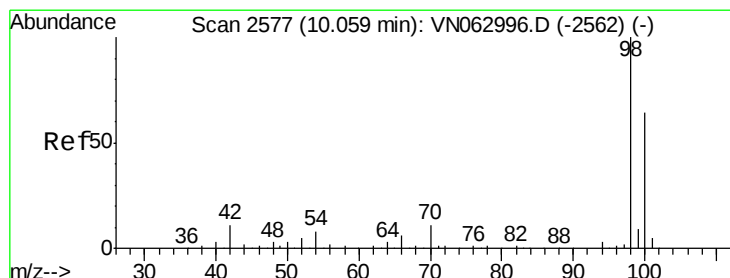
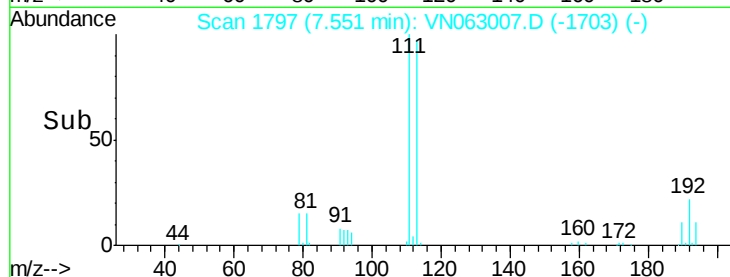
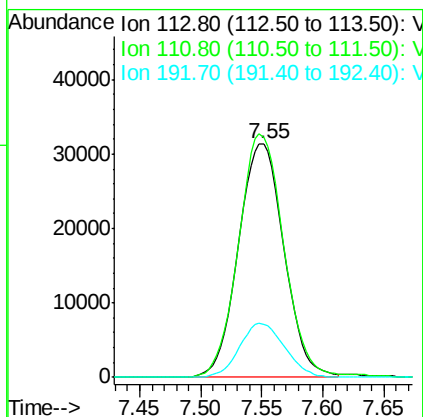
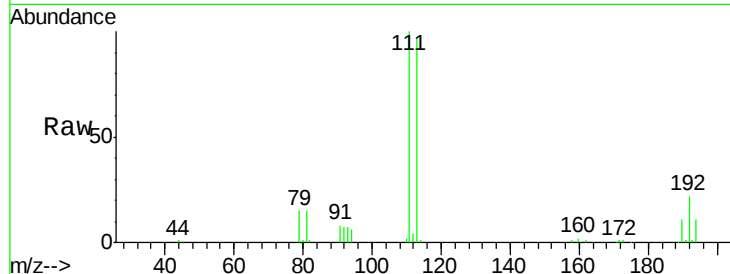




#35
Dibromofluoromethane
Concen: 51.865 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063007.D
Acq: 19 Aug 2020 12:38

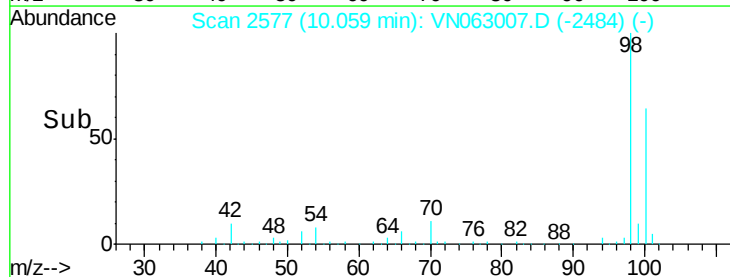
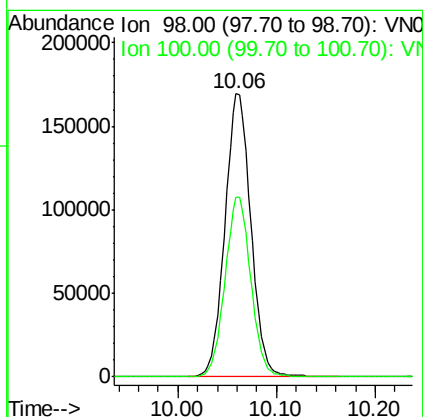
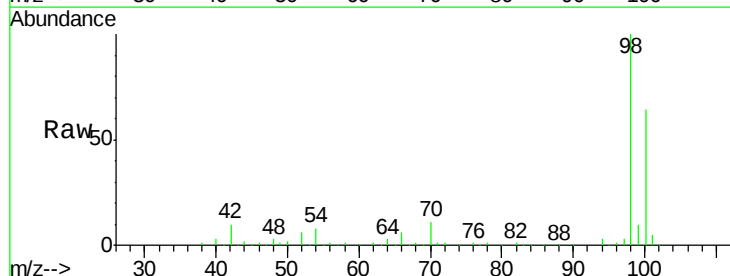
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-EB-20200813

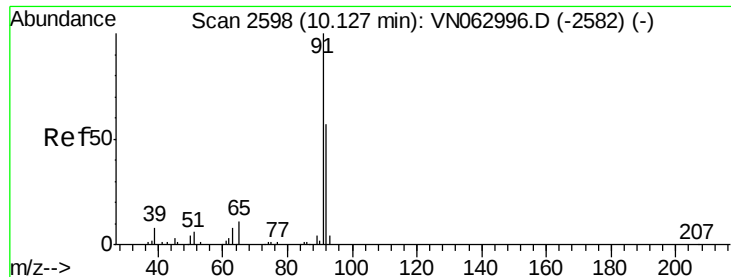
Tot Ion:113 Resp: 81265
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 22.7 17.5 26.3



#50
Toluene-d8
Concen: 51.896 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063007.D
Acq: 19 Aug 2020 12:38

Tgt Ion: 98 Resp: 312332
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8





#52

Toluene

Concen: 5.333 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063007.D

Acq: 19 Aug 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

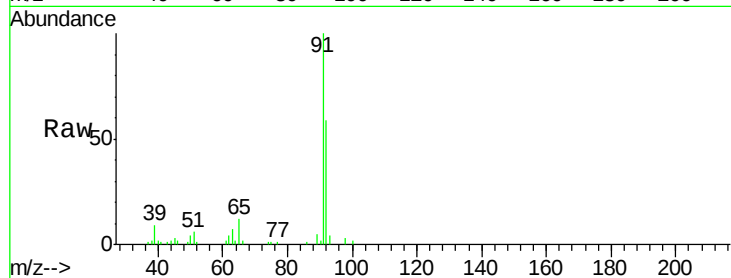
BP-VPB181-EB-20200813

Tot Ion: 92 Resp: 21624

Ion Ratio Lower Upper

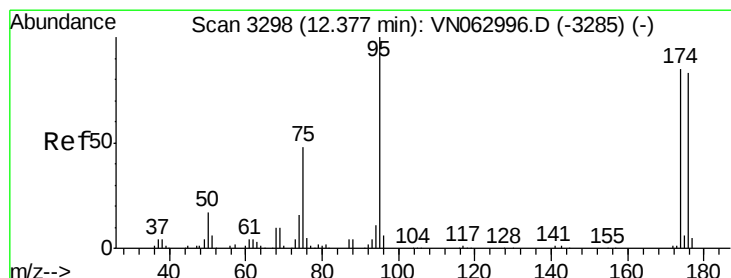
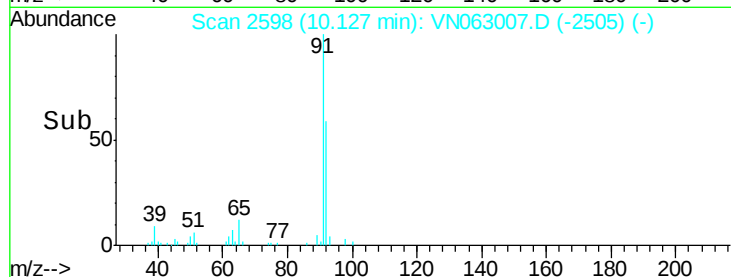
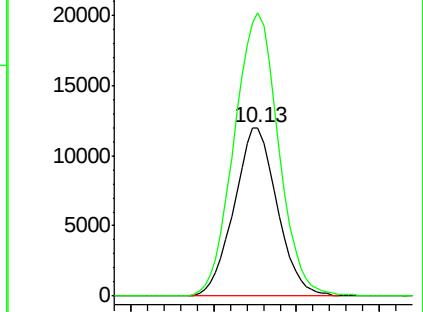
92 100

91 173.6 139.2 208.8



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: 49.106 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063007.D

Acq: 19 Aug 2020 12:38

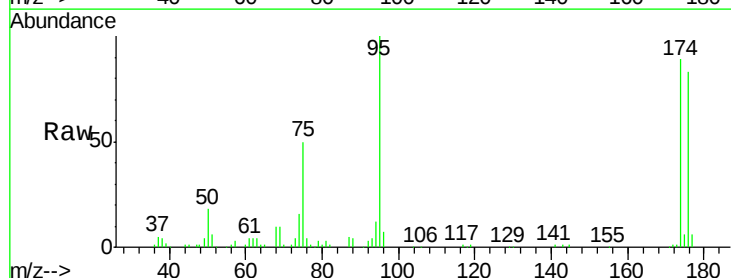
Tgt Ion: 95 Resp: 104291

Ion Ratio Lower Upper

95 100

174 87.6 0.0 170.8

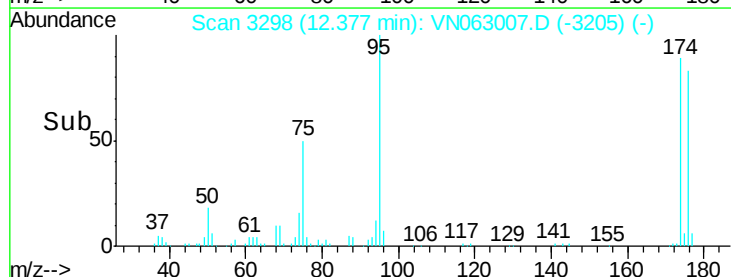
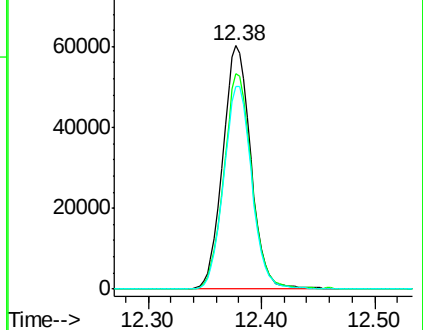
176 83.2 0.0 164.8

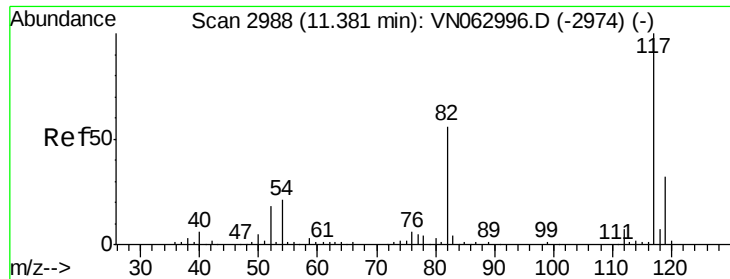


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

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: VN063007.D

Acq: 19 Aug 2020 12:38

Instrument :

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ClientSampleId :

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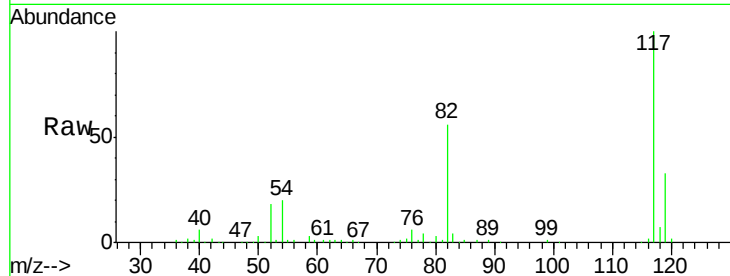
Tot Ion:117 Resp: 251337

Ion Ratio Lower Upper

117 100

82 55.6 44.5 66.7

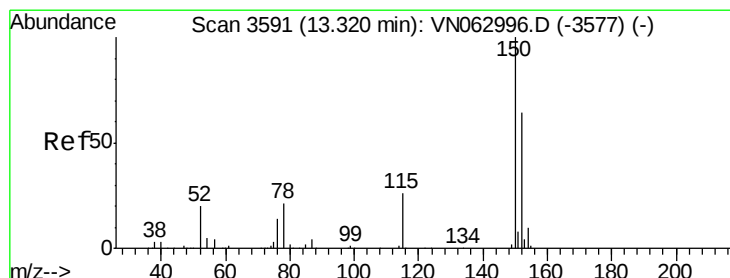
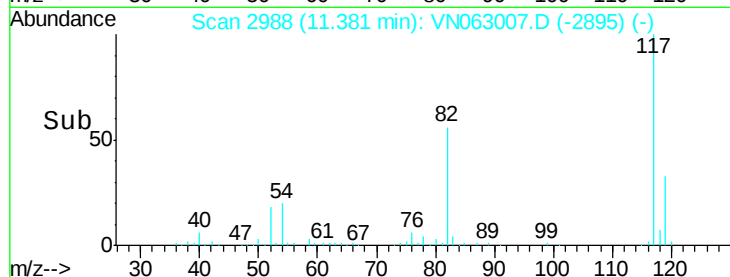
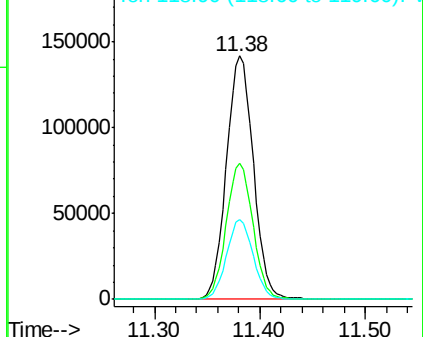
119 32.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VN063007.D

Acq: 19 Aug 2020 12:38

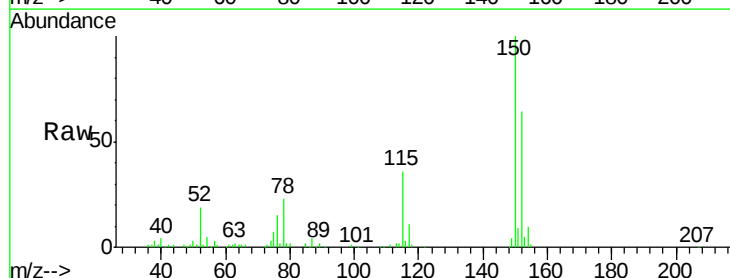
Tgt Ion:152 Resp: 89813

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.3

150 157.8 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

