

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063006.D
 Acq On : 19 Aug 2020 12:13
 Operator : JC/MD
 Sample : L3718-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200812

Quant Time: Aug 19 14:18:55 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	149822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94819	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	98368	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
35) Dibromofluoromethane	7.55	113	86201	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.06	98	320009	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.38	95	106479	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	

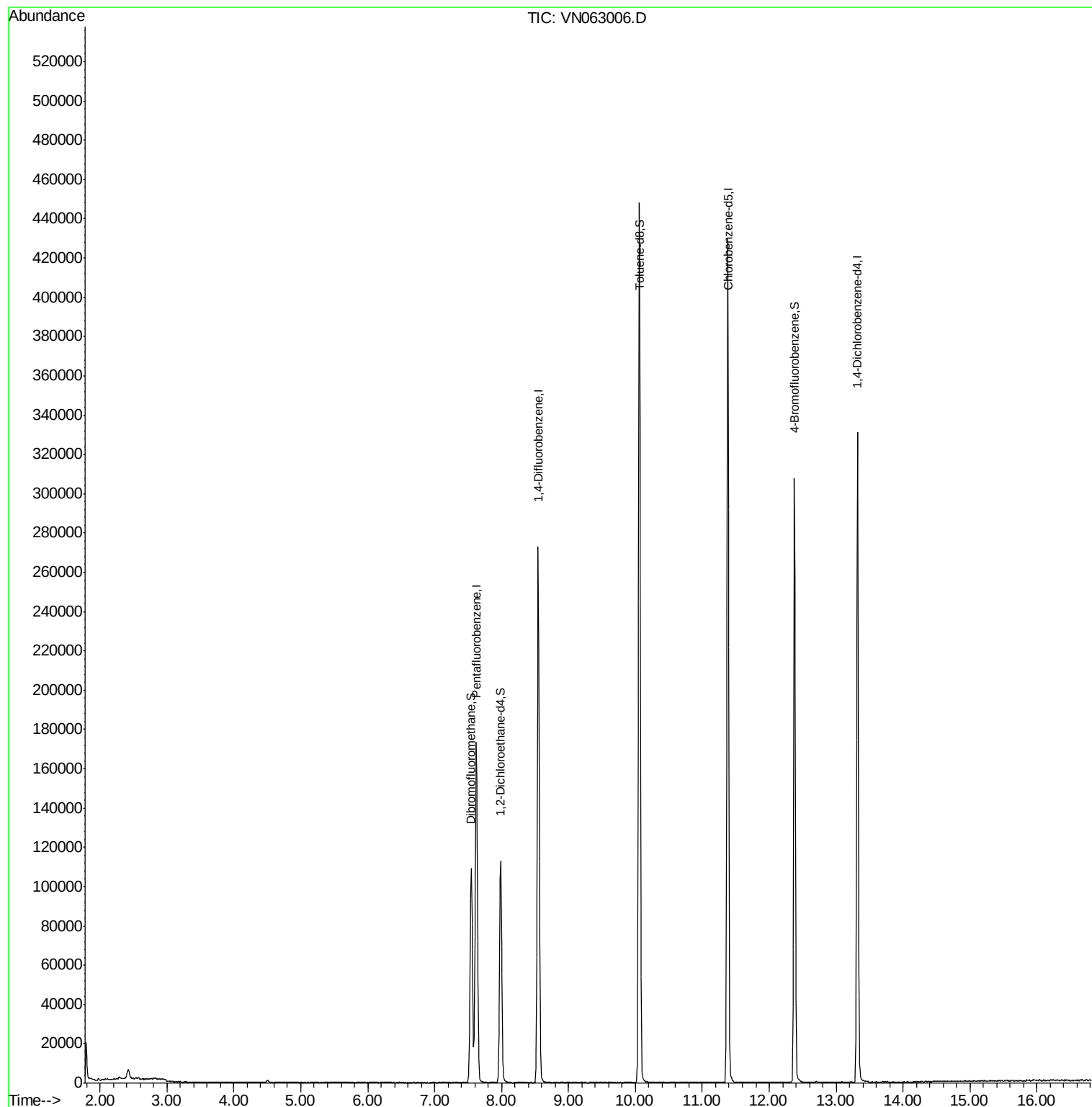
Target Compounds	Qvalue
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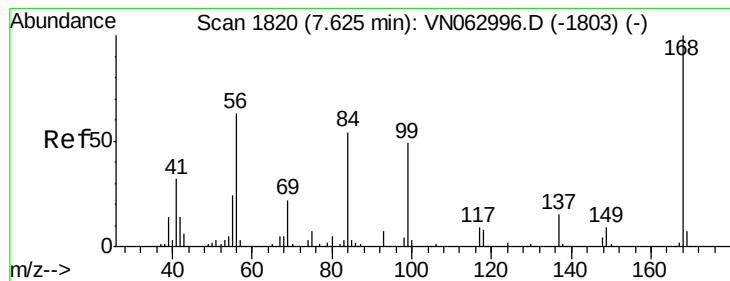
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 06:09:27 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: VN063006.D

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Instrument :

MSVOA_N

ClientSampleId :

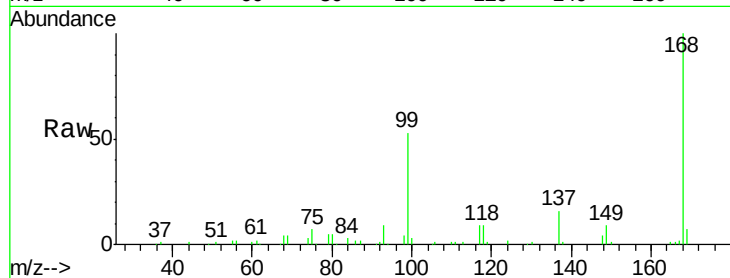
BP-VPB181-TB-20200812

Tot Ion:168 Resp: 149822

Ion Ratio Lower Upper

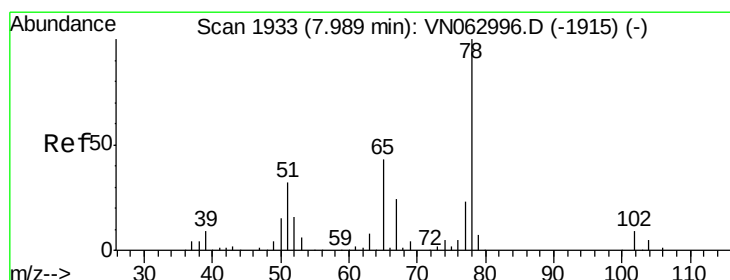
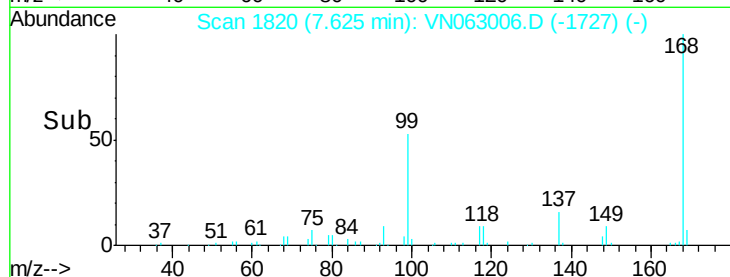
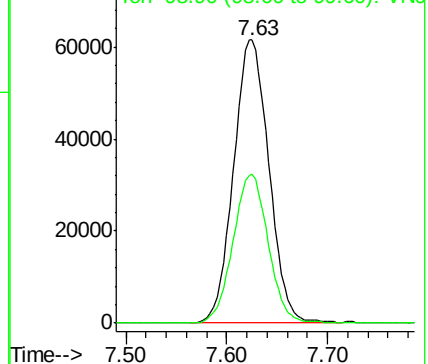
168 100

99 52.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.398 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063006.D

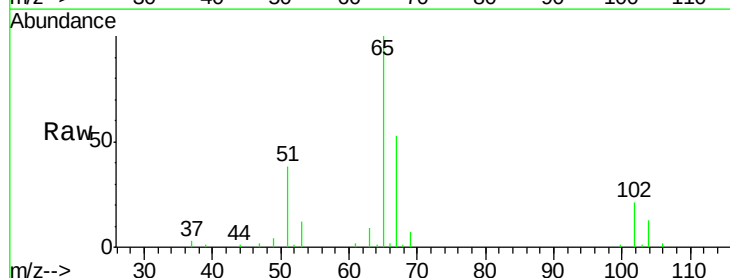
Acq: 19 Aug 2020 12:13

Tgt Ion: 65 Resp: 98368

Ion Ratio Lower Upper

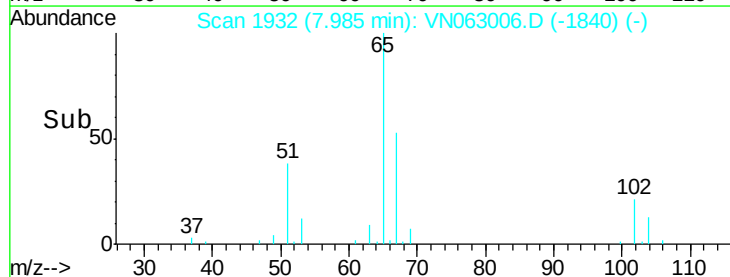
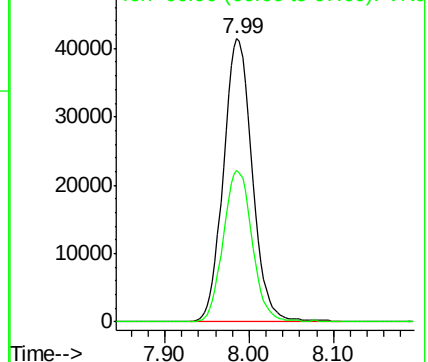
65 100

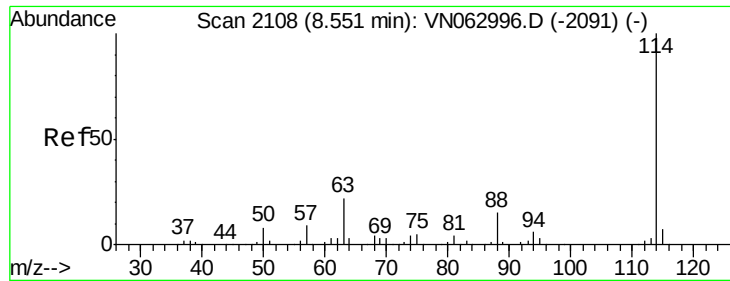
67 53.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

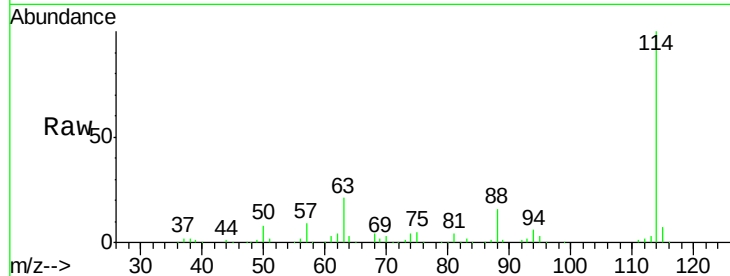




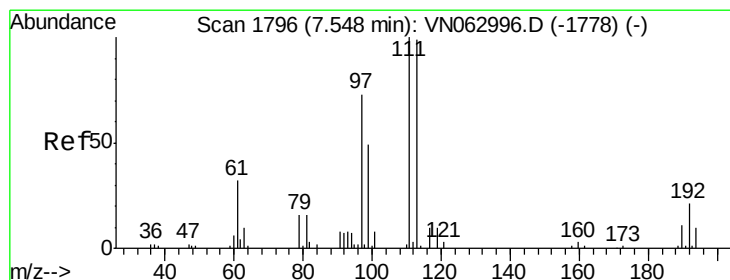
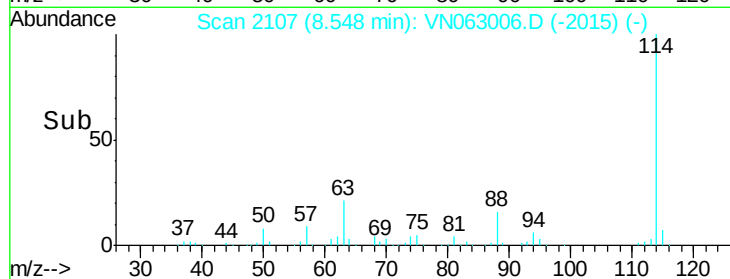
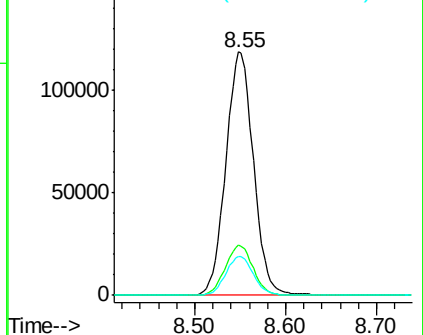
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063006.D
 Acq: 19 Aug 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200812

Tot Ion:114 Resp: 249832
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 16.1 0.0 30.6

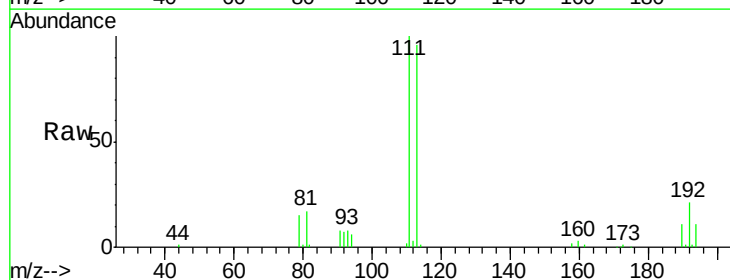


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

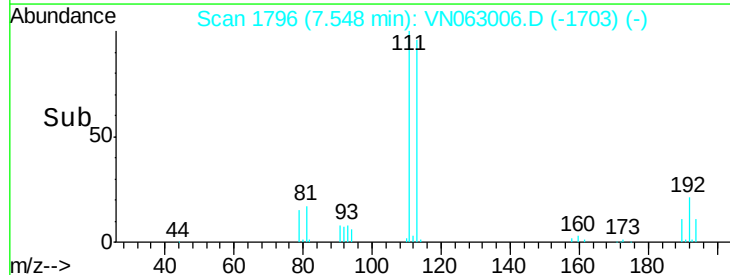
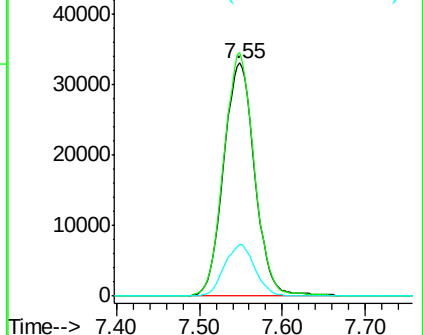


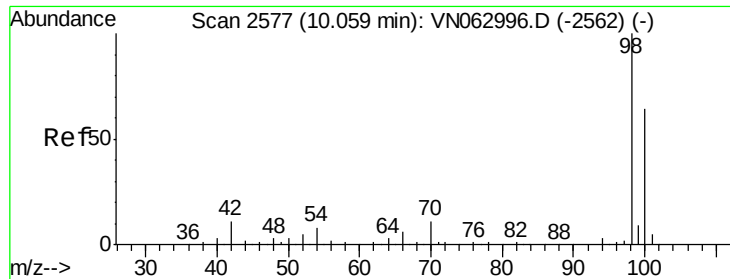
#35
 Dibromofluoromethane
 Concen: 52.952 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063006.D
 Acq: 19 Aug 2020 12:13

Tgt Ion:113 Resp: 86201
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.6 17.5 26.3



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





#50

Toluene-d8

Concen: 51.178 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063006.D

Acq: 19 Aug 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

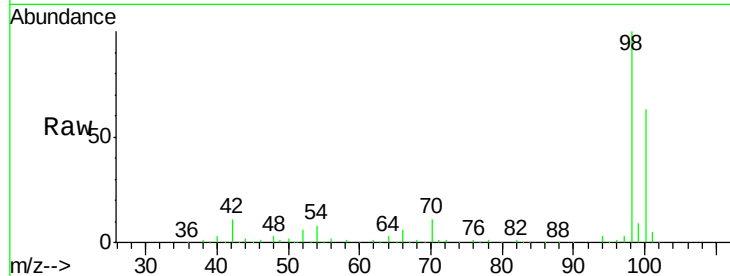
BP-VPB181-TB-20200812

Tot Ion: 98 Resp: 320009

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

200000

150000

100000

50000

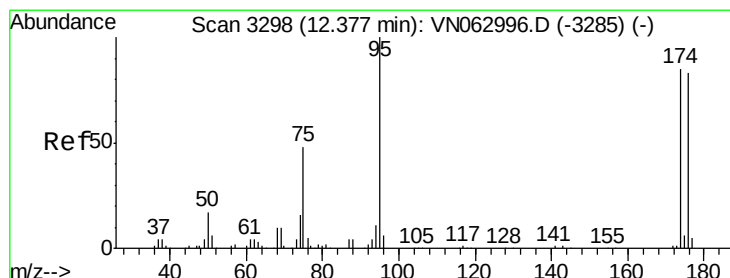
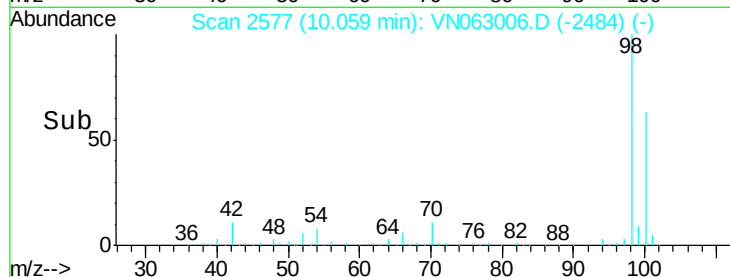
0

10.06

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 48.256 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063006.D

Acq: 19 Aug 2020 12:13

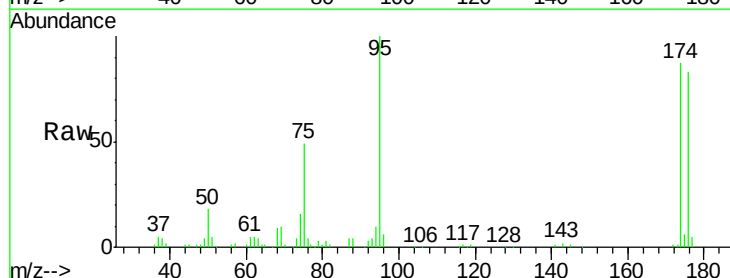
Tgt Ion: 95 Resp: 106479

Ion Ratio Lower Upper

95 100

174 88.2 0.0 170.8

176 84.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

40000

20000

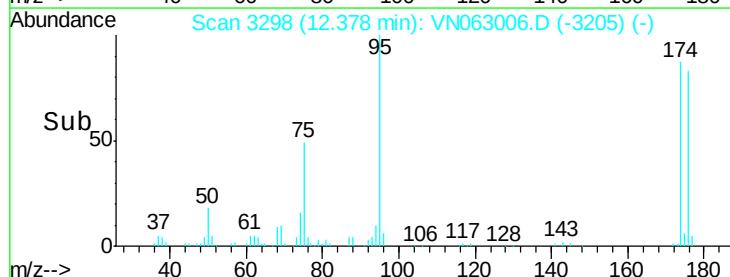
0

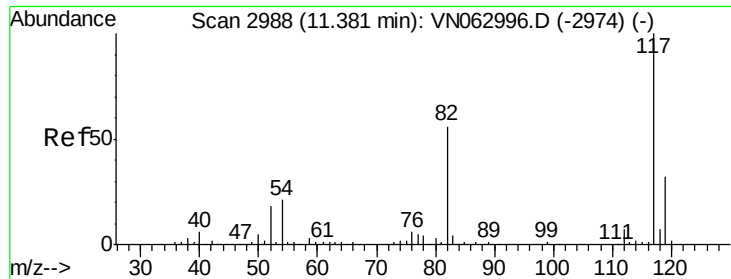
12.38

12.40

12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063006.D

Acq: 19 Aug 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-TB-20200812

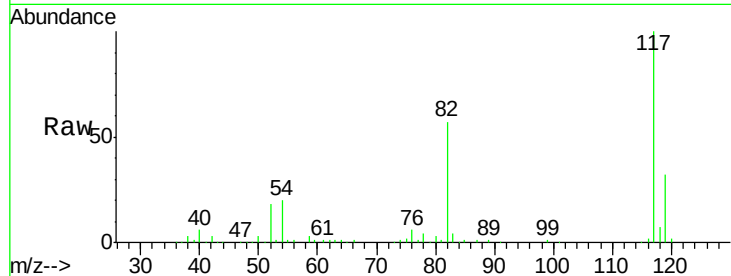
Tot Ion:117 Resp: 254797

Ion Ratio Lower Upper

117 100

82 56.5 44.5 66.7

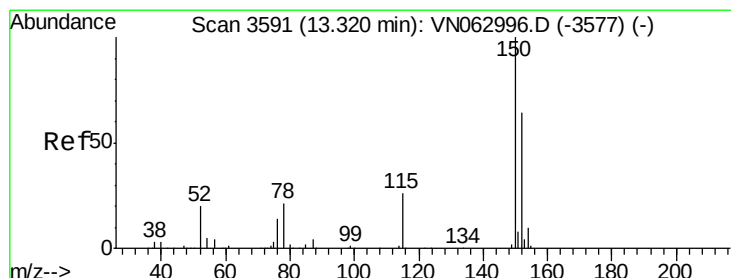
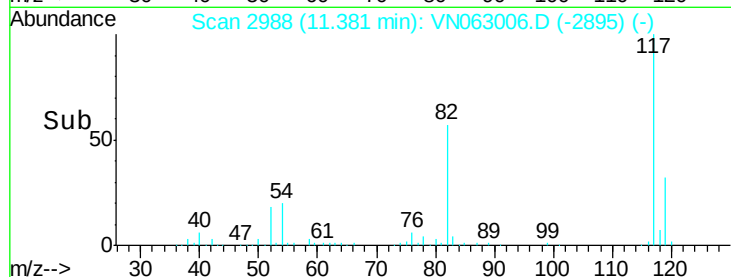
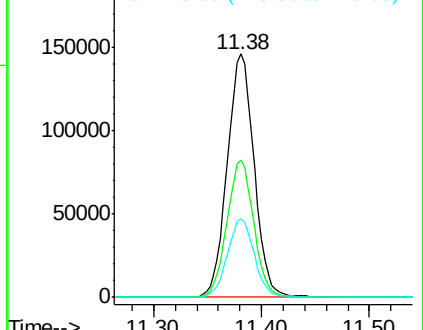
119 32.0 25.5 38.3



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: VN063006.D

Acq: 19 Aug 2020 12:13

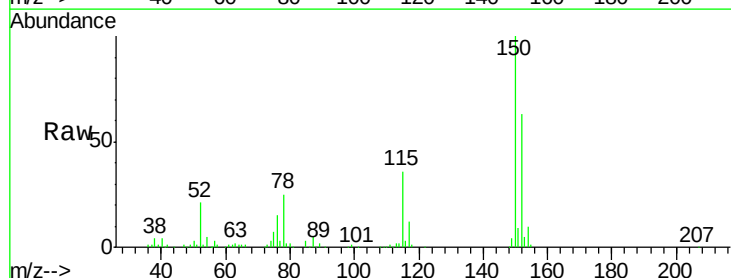
Tgt Ion:152 Resp: 94819

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.3

150 158.2 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

