

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062864.D
 Acq On : 12 Aug 2020 17:47
 Operator : JC/MD
 Sample : L3671-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-98-100

Quant Time: Aug 13 06:22:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

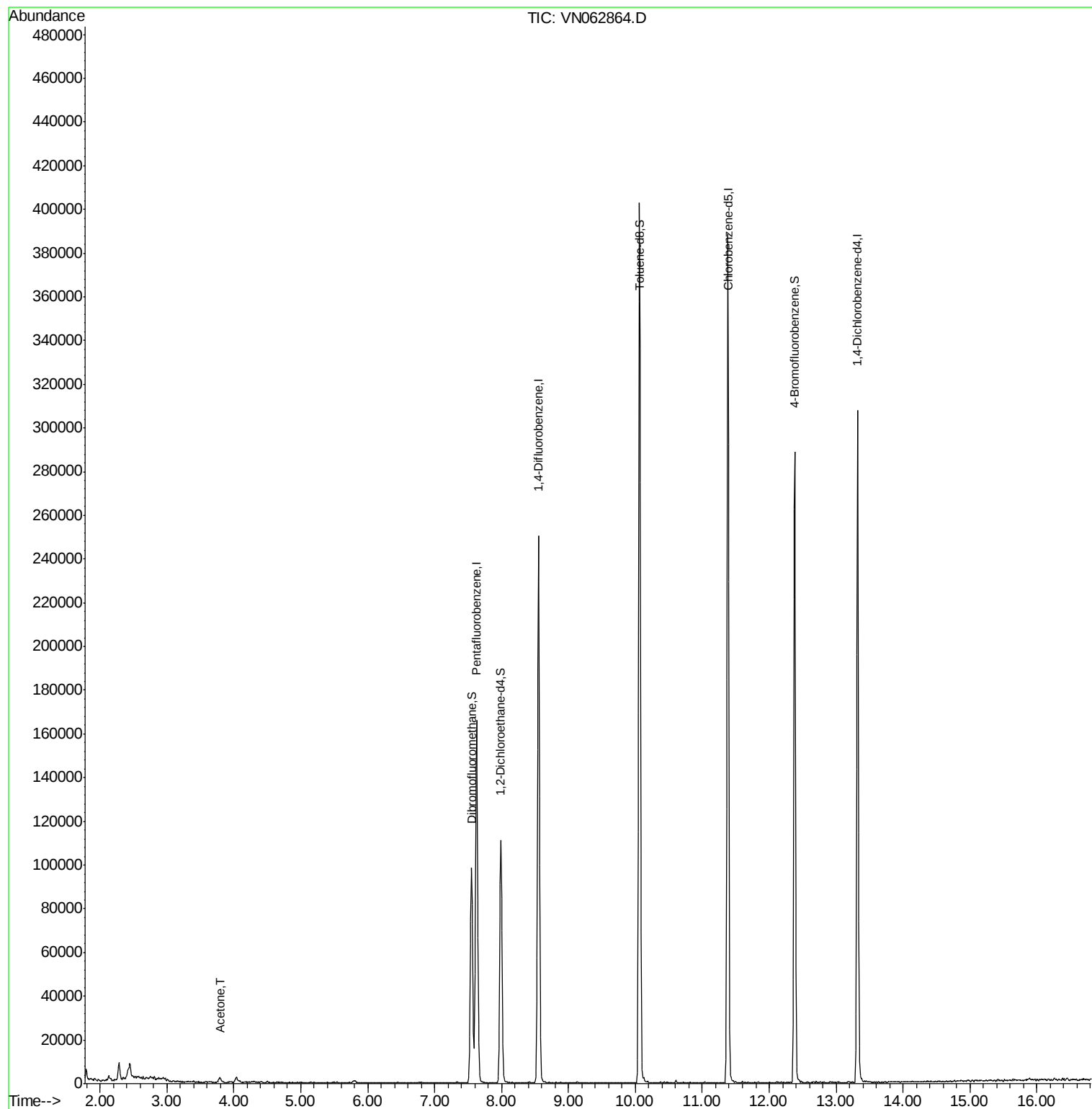
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	210955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106467	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	74534	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.06	98	273812	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.38	95	101632	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
16) Acetone	3.79	43	4109	5.590	ug/l	Qvalue 91

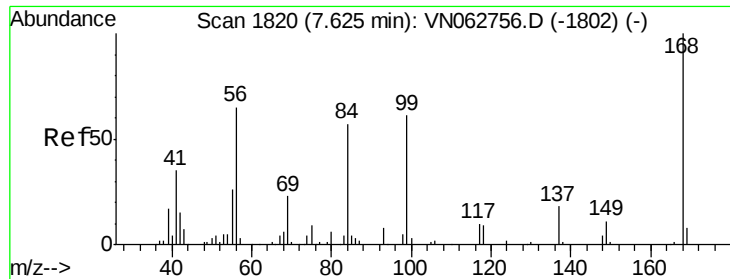
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062864.D

Acq: 12 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

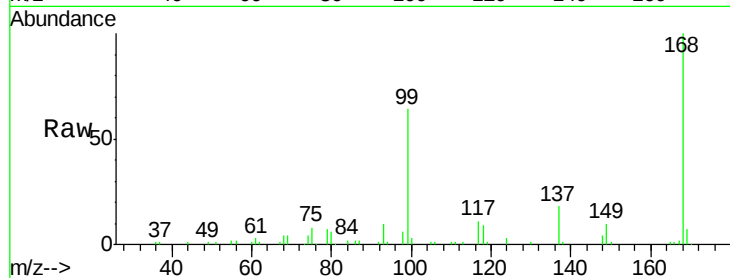
BP-VPB181-GW-98-100

Tot Ion:168 Resp: 123022

Ion Ratio Lower Upper

168 100

99 63.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

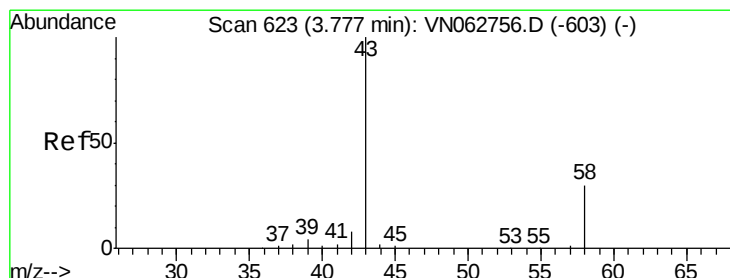
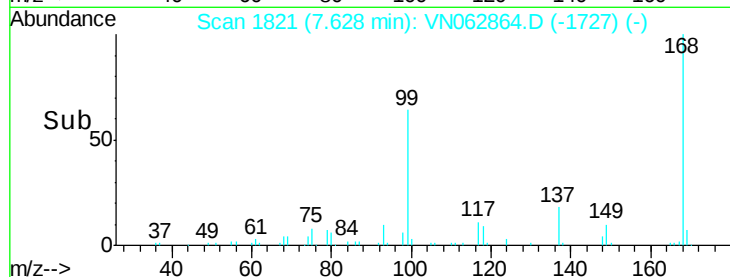
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 5.590 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062864.D

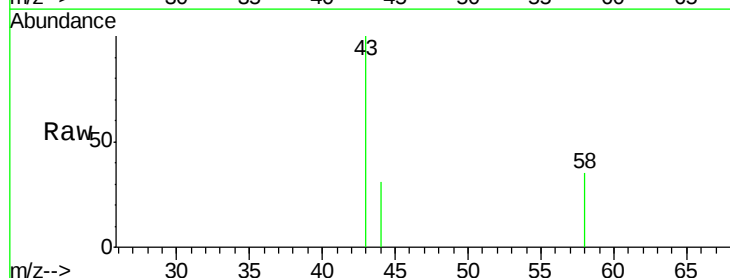
Acq: 12 Aug 2020 17:47

Tgt Ion: 43 Resp: 4109

Ion Ratio Lower Upper

43 100

58 35.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

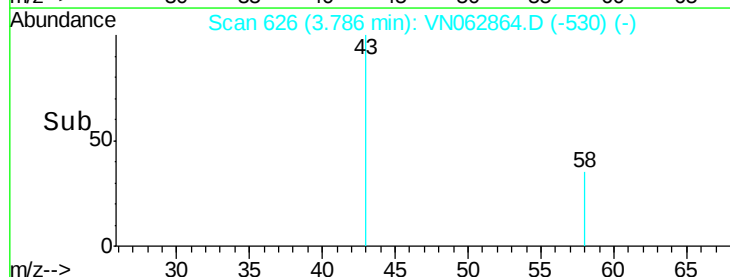
1500

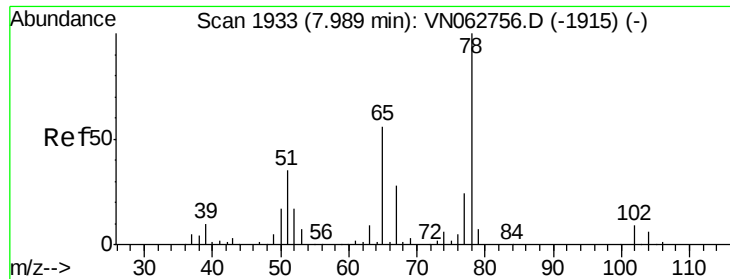
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.333 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062864.D

Acq: 12 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

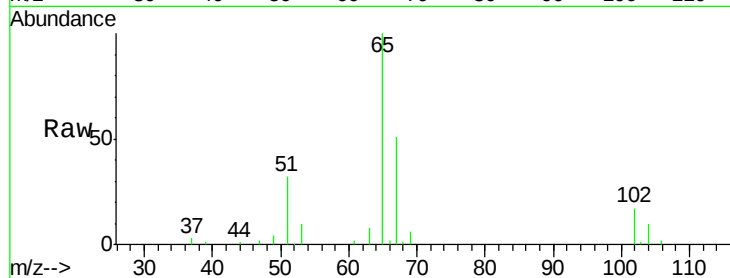
BP-VPB181-GW-98-100

Tot Ion: 65 Resp: 106467

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4

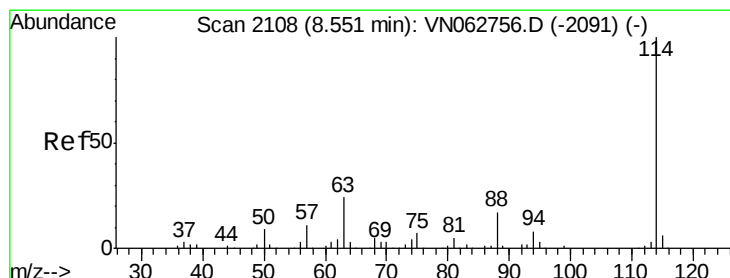
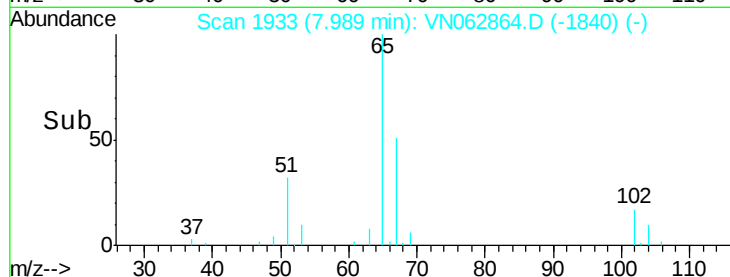


Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2109

Delta R.T. 0.00 min

Lab File: VN062864.D

Acq: 12 Aug 2020 17:47

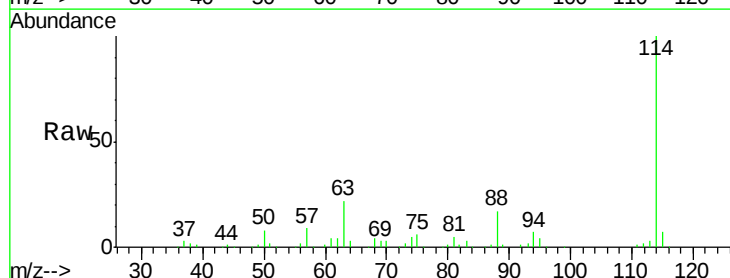
Tgt Ion: 114 Resp: 210955

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.6

88 16.9 0.0 34.4



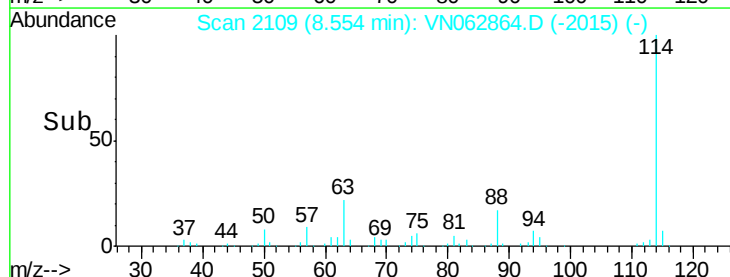
Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

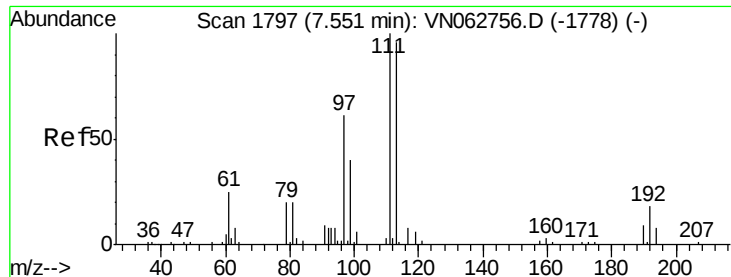
Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)

8.55

Time-->





#35

Dibromofluoromethane

Concen: 51.650 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062864.D

Acq: 12 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-98-100

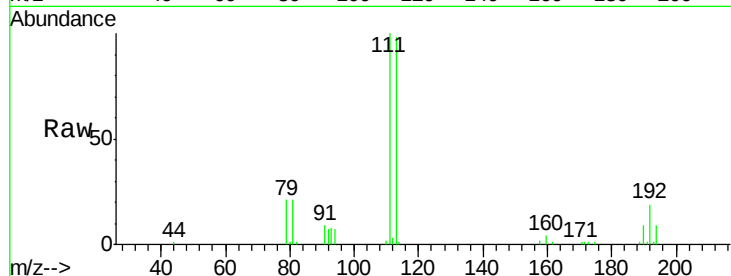
Tot Ion:113 Resp: 74534

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

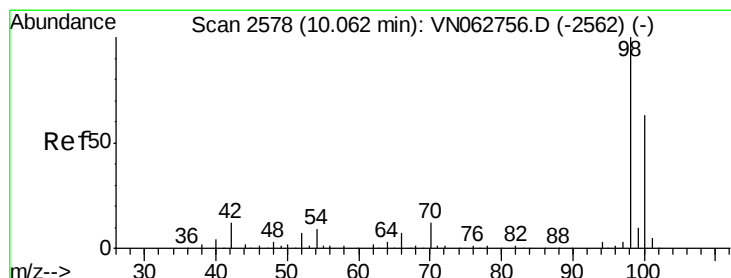
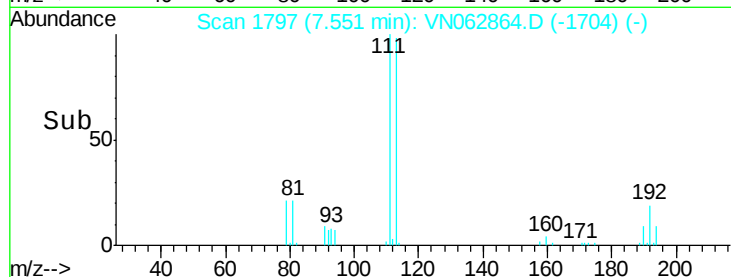
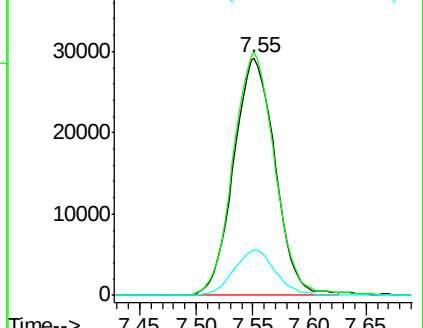
192 19.1 15.0 22.4



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: 48.602 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062864.D

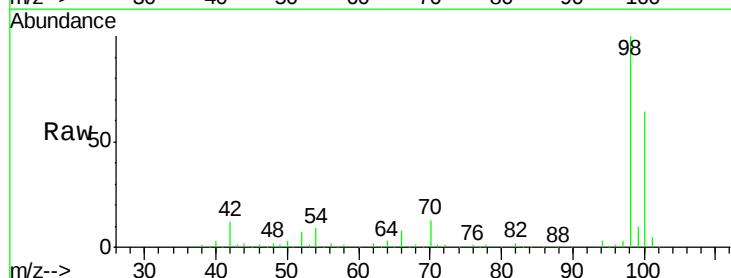
Acq: 12 Aug 2020 17:47

Tgt Ion: 98 Resp: 273812

Ion Ratio Lower Upper

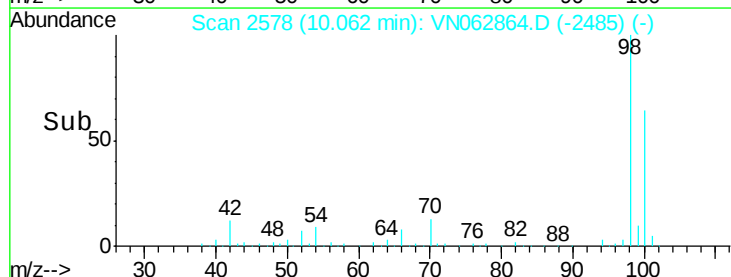
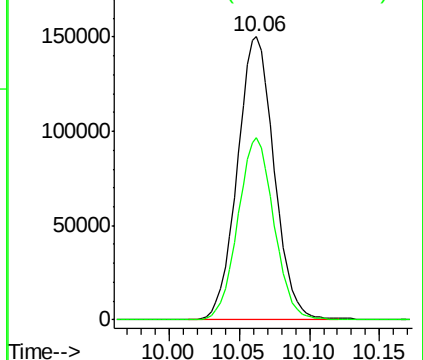
98 100

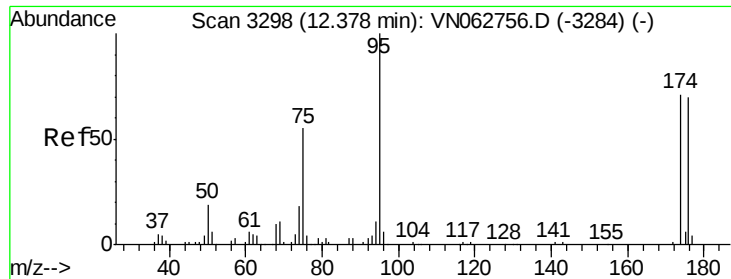
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

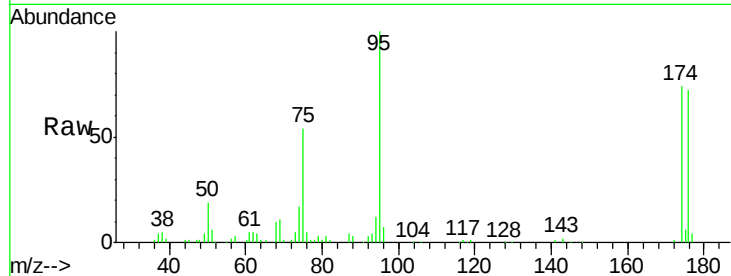




#62
4-Bromofluorobenzene
Concen: 47.737 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062864.D
Acq: 12 Aug 2020 17:47

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-98-100

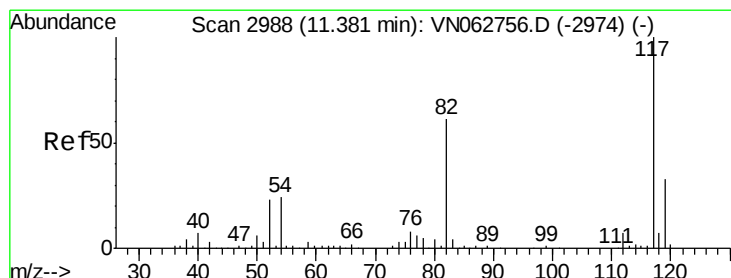
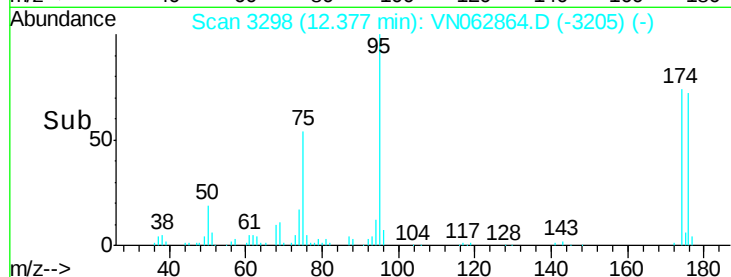
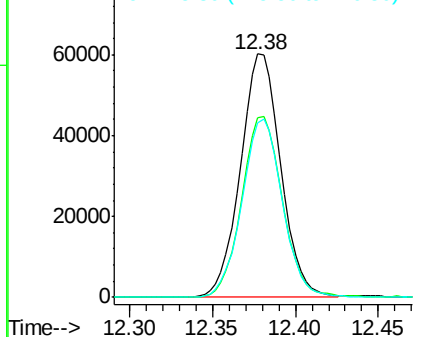
Tot Ion	95	Resp	101632
Ion Ratio	Lower	Upper	
95	100		
174	75.3	0.0	144.8
176	73.6	0.0	142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

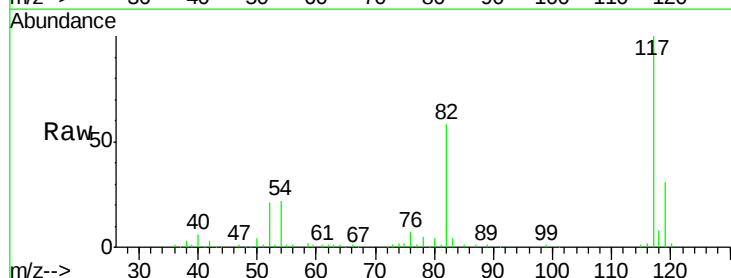
Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062864.D
Acq: 12 Aug 2020 17:47

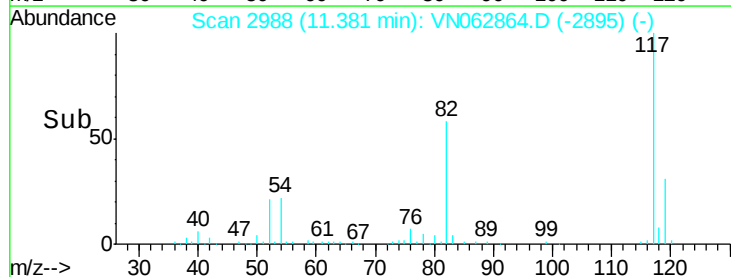
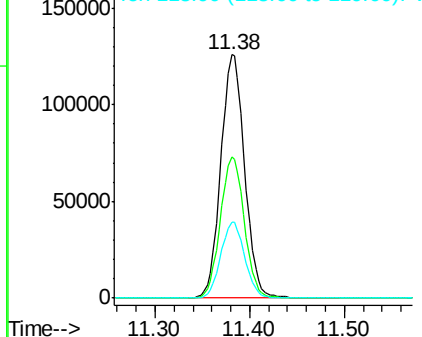
Tgt Ion	117	Resp	220114
Ion Ratio	Lower	Upper	
117	100		
82	57.9	49.0	73.4
119	31.2	26.2	39.2

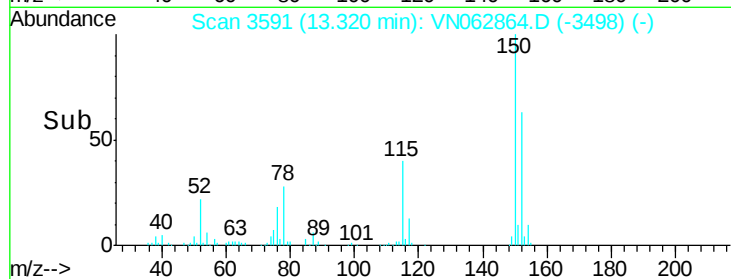
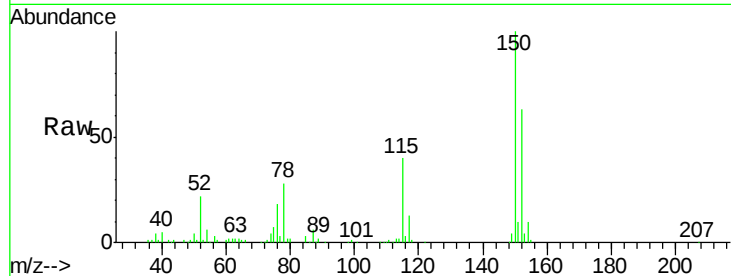
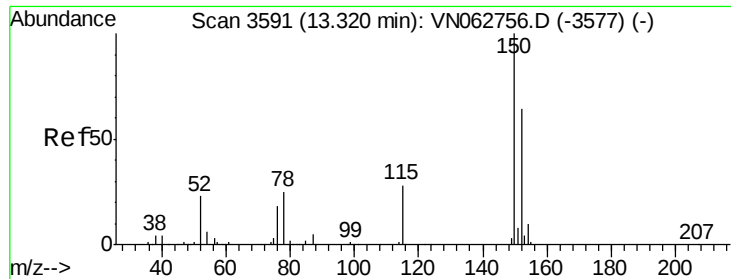


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062864.D

Acq: 12 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-98-100

Tot Ion:152 Resp: 80637

Ion Ratio Lower Upper

152 100

115 64.0 31.6 94.8

150 158.7 0.0 349.2

