

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062863.D
 Acq On : 12 Aug 2020 17:23
 Operator : JC/MD
 Sample : L3671-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-58-60

Quant Time: Aug 13 06:21:10 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

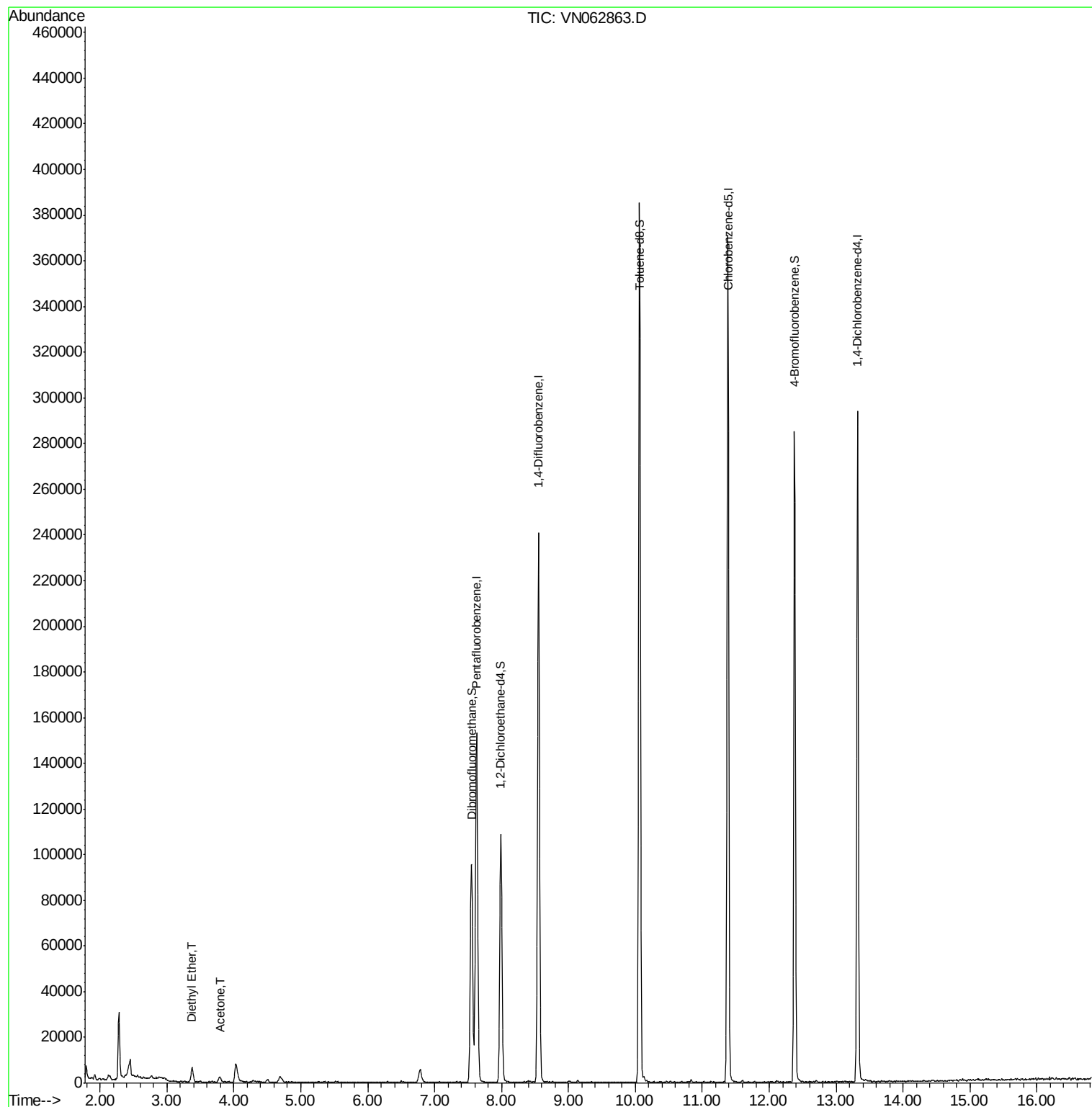
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	117505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	205989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	207587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103304	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	7.55	113	73942	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.06	98	267387	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.38	95	98622	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
8) Diethyl Ether	3.38	74	3381	4.447	ug/l	95
16) Acetone	3.79	43	4030	5.740	ug/l	91

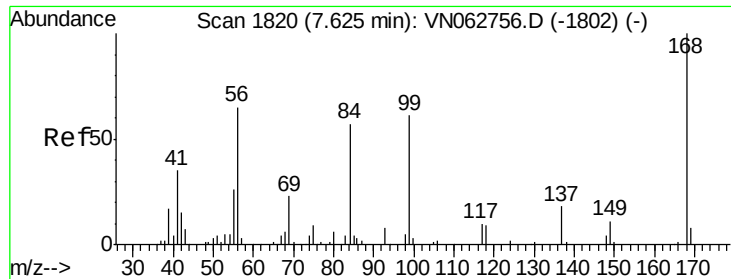
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062863.D

Acq: 12 Aug 2020 17:23

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MSVOA_N

ClientSampleId :

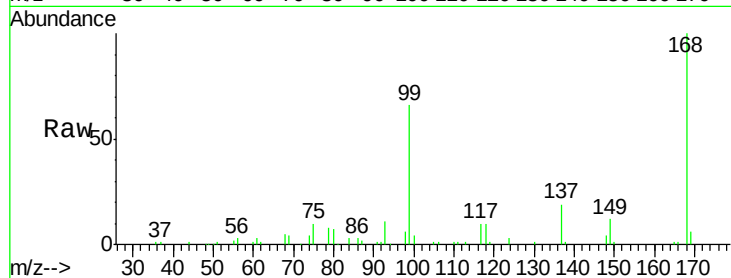
BP-VPB181-GW-58-60

Tot Ion:168 Resp: 117505

Ion Ratio Lower Upper

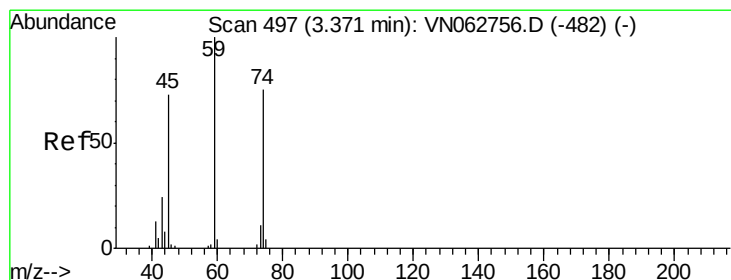
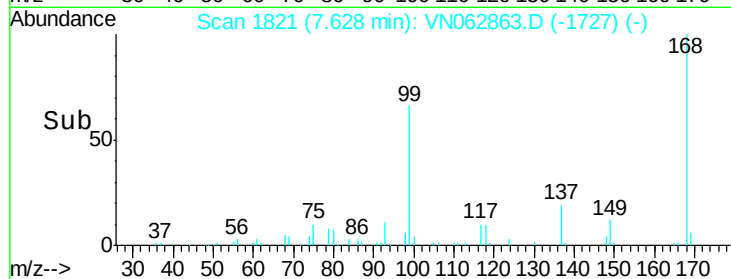
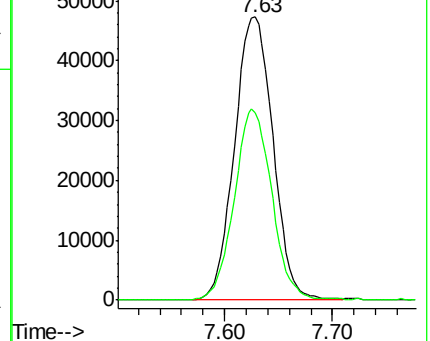
168 100

99 65.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 4.447 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.01 min

Lab File: VN062863.D

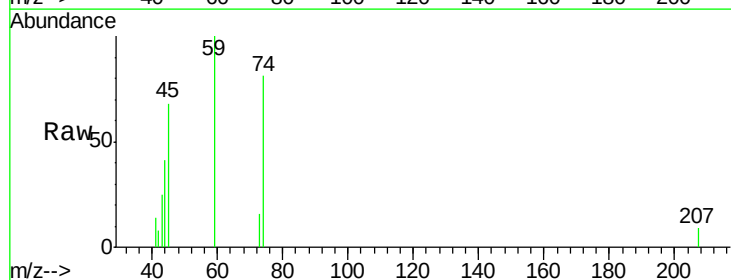
Acq: 12 Aug 2020 17:23

Tgt Ion: 74 Resp: 3381

Ion Ratio Lower Upper

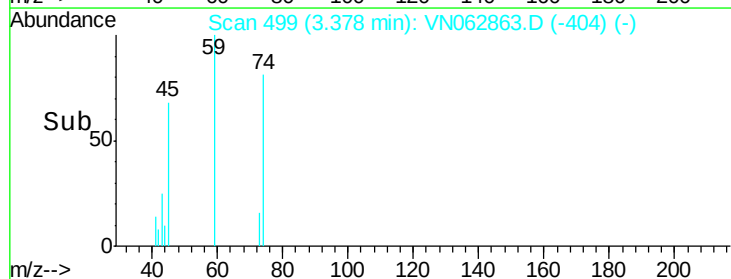
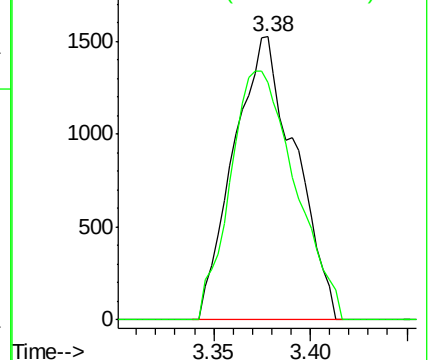
74 100

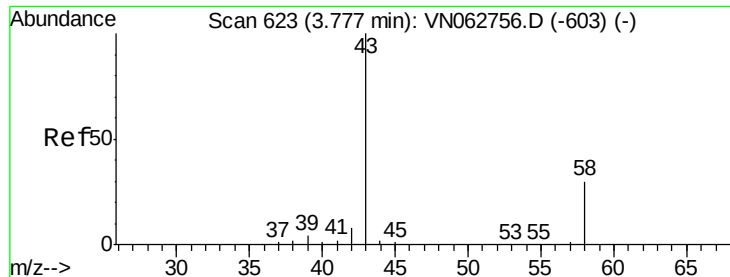
45 92.6 48.7 146.1



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 5.740 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062863.D

Acq: 12 Aug 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

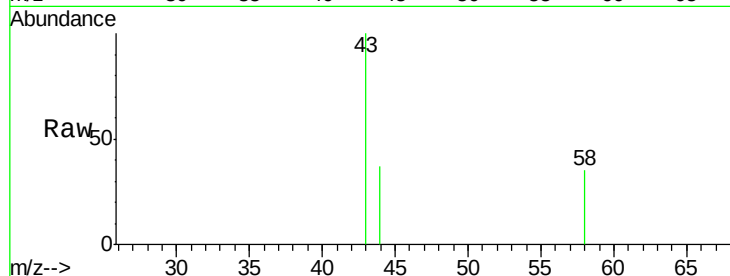
BP-VPB181-GW-58-60

Tot Ion: 43 Resp: 4030

Ion Ratio Lower Upper

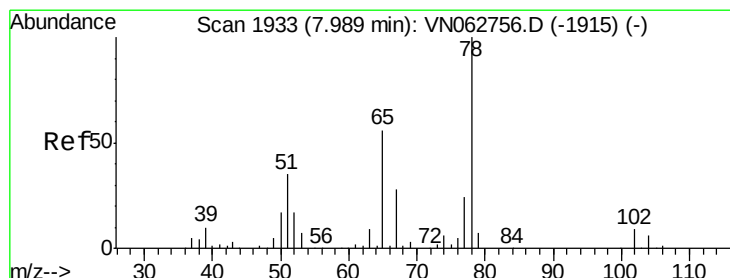
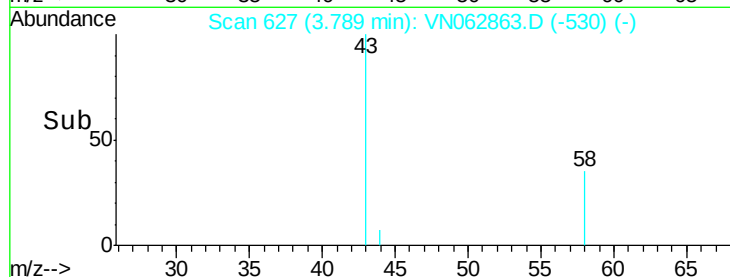
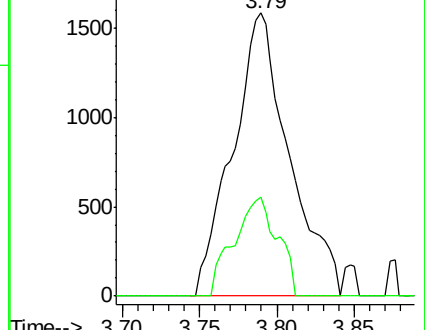
43 100

58 34.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-603) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.163 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062863.D

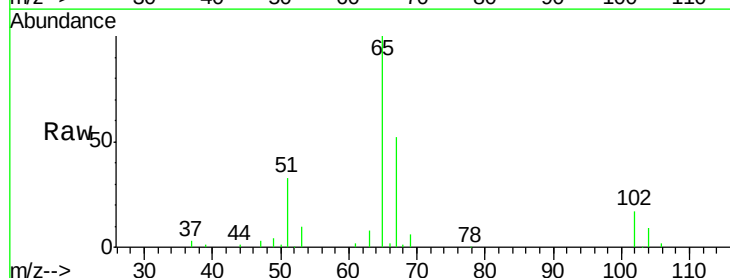
Acq: 12 Aug 2020 17:23

Tgt Ion: 65 Resp: 103304

Ion Ratio Lower Upper

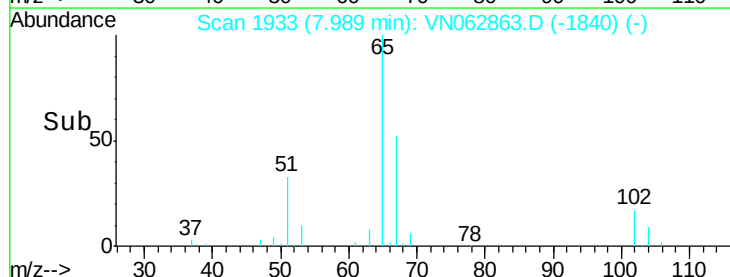
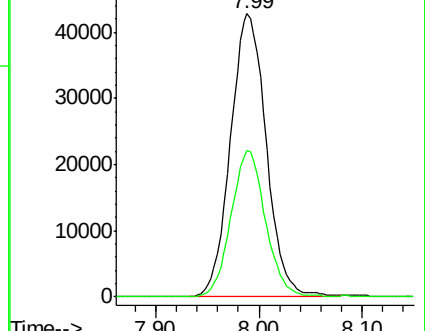
65 100

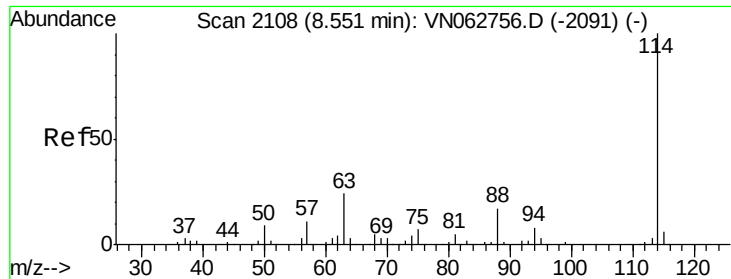
67 49.6 0.0 101.4



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

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

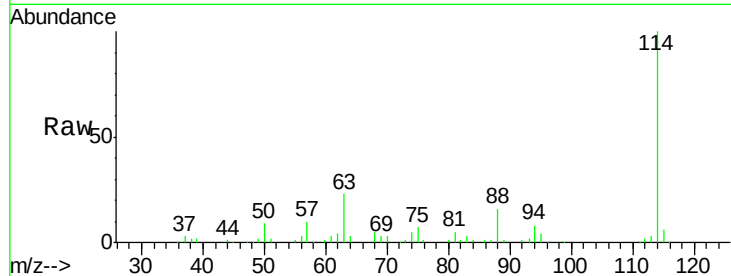




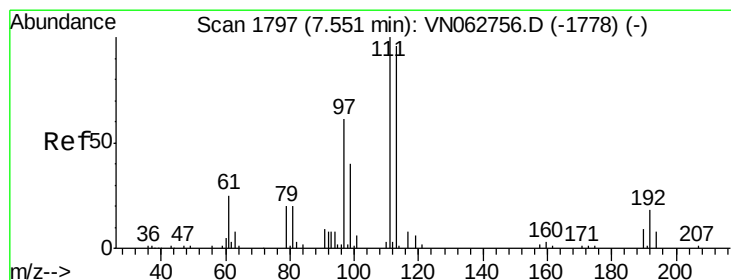
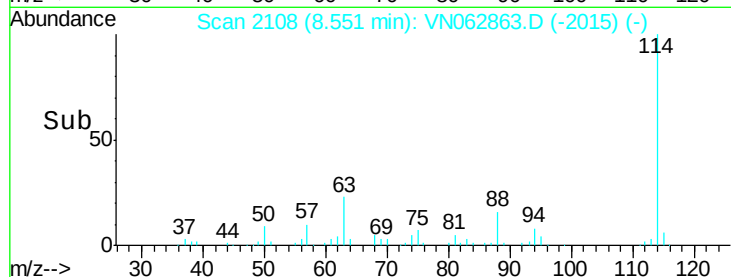
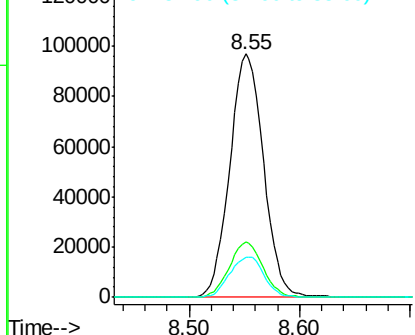
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062863.D
Acq: 12 Aug 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-58-60

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.6
88	16.3	0.0	34.4

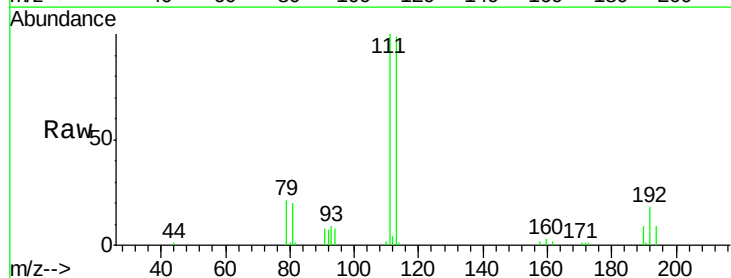


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

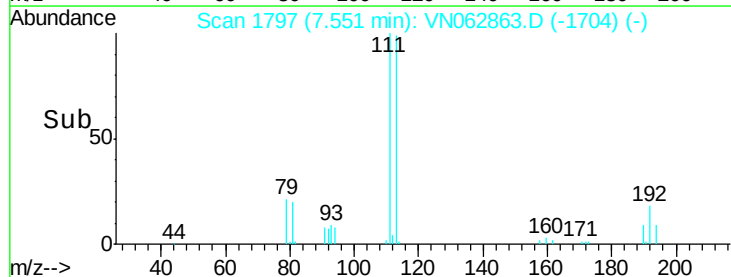
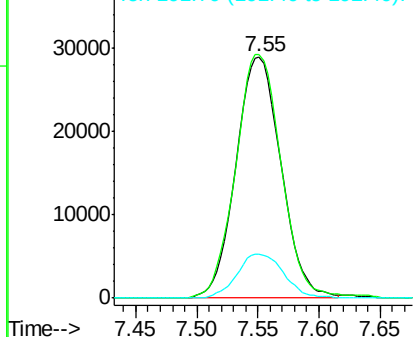


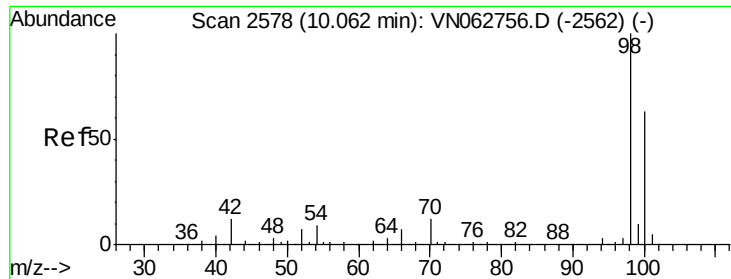
#35
Dibromofluoromethane
Concen: 52.475 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062863.D
Acq: 12 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	19.0	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: 48.606 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062863.D

Acq: 12 Aug 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

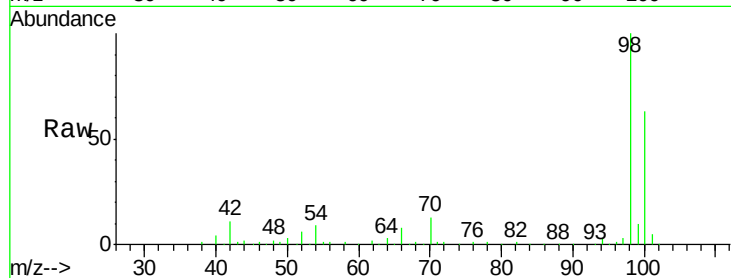
BP-VPB181-GW-58-60

Tot Ion: 98 Resp: 267387

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

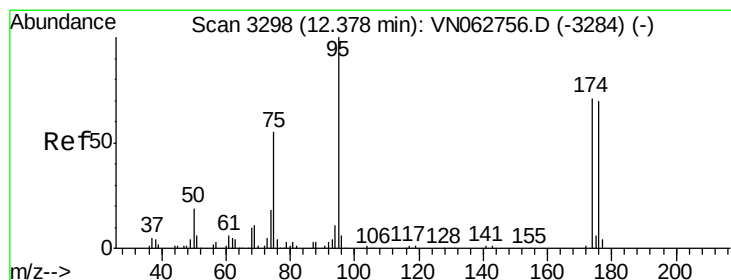
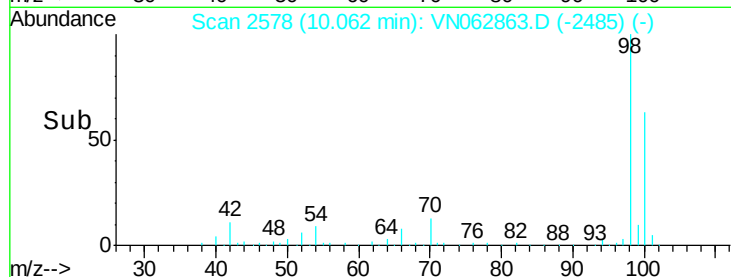
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.440 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062863.D

Acq: 12 Aug 2020 17:23

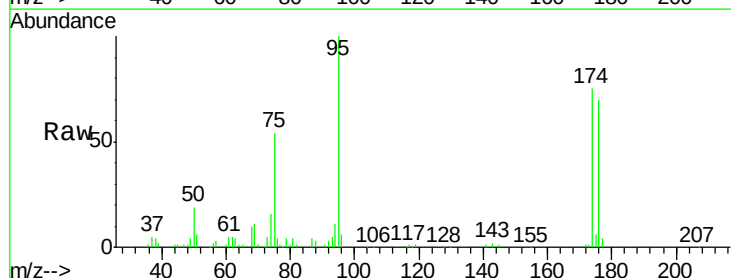
Tgt Ion: 95 Resp: 98622

Ion Ratio Lower Upper

95 100

174 77.5 0.0 144.8

176 72.6 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) (-)

12.38

80000

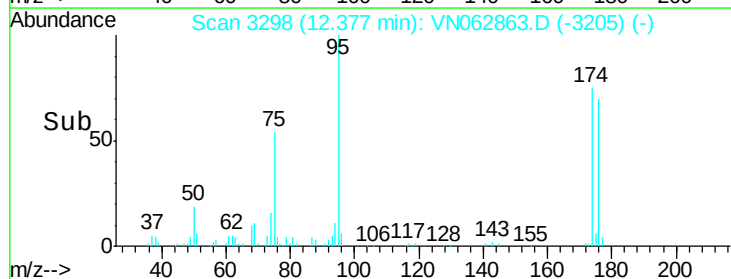
60000

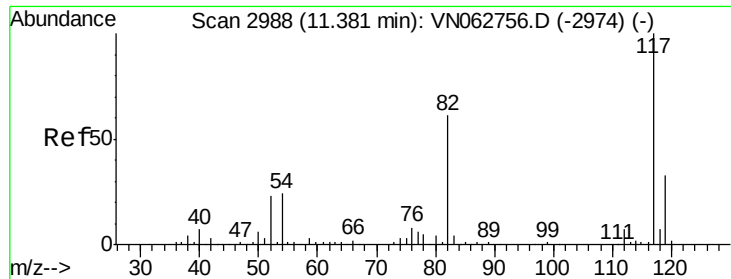
40000

20000

0

Time-->

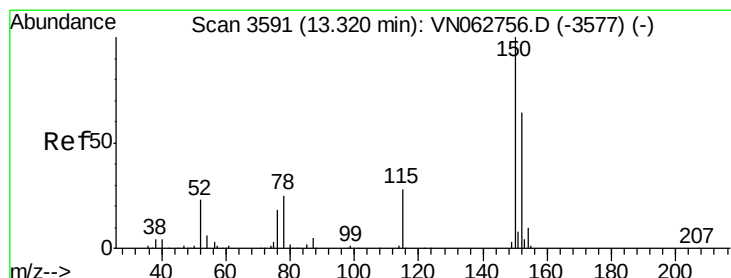
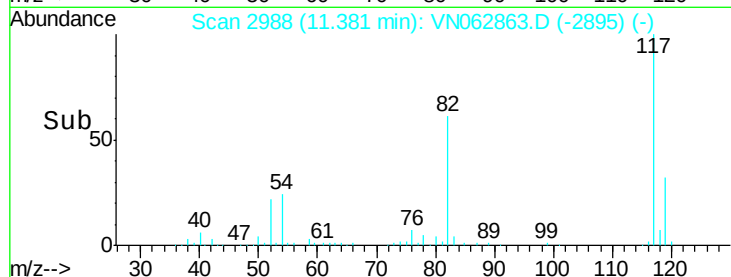
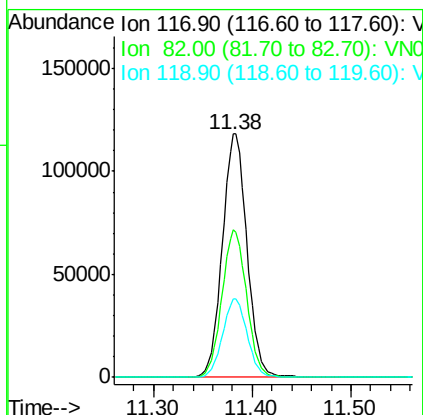
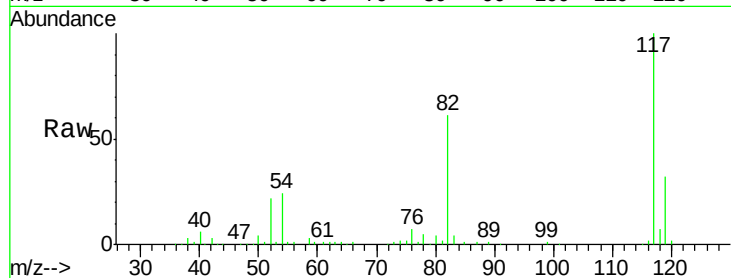




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062863.D
Acq: 12 Aug 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-58-60

Tot Ion:117 Resp: 207587
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.4
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062863.D
Acq: 12 Aug 2020 17:23

Tgt Ion:152 Resp: 79846
Ion Ratio Lower Upper
152 100
115 61.2 31.6 94.8
150 154.0 0.0 349.2

