

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061187.D
 Acq On : 29 Apr 2020 13:04
 Operator : JC/MD
 Sample : L2412-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-588-590DL

Quant Time: May 05 07:06:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

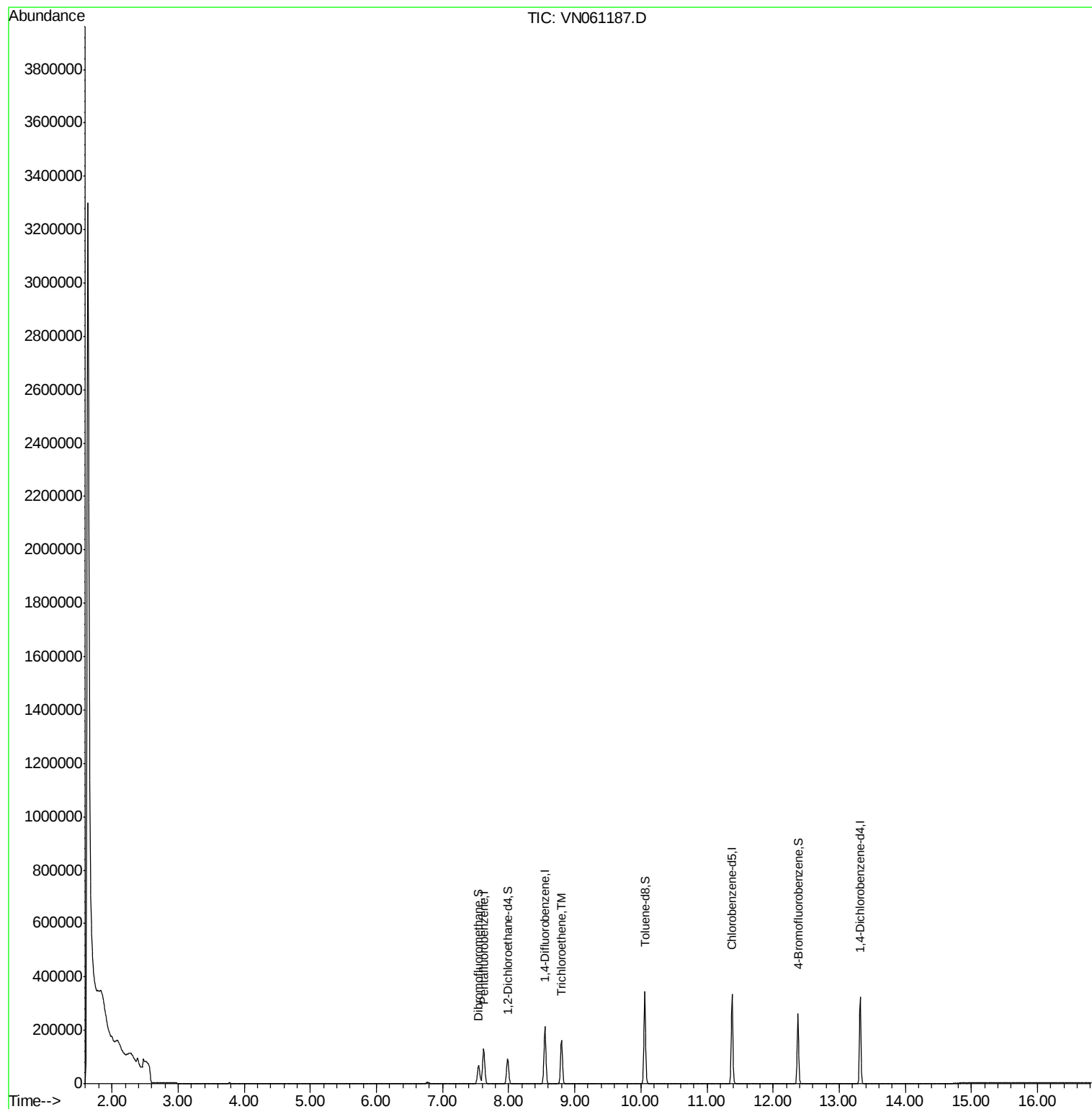
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	176506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	174997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79911	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	7.54	113	52641	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.06	98	223532	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.37	95	85476	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
Target Compounds						
44) Trichloroethene	8.80	130	56487	39.695	ug/l	Qvalue 98

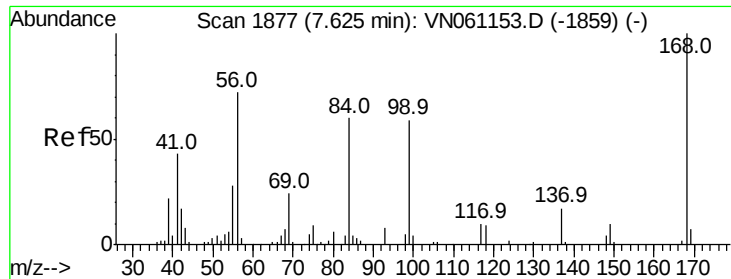
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

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Acq: 29 Apr 2020 13:04

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MSVOA_N

ClientSampleId :

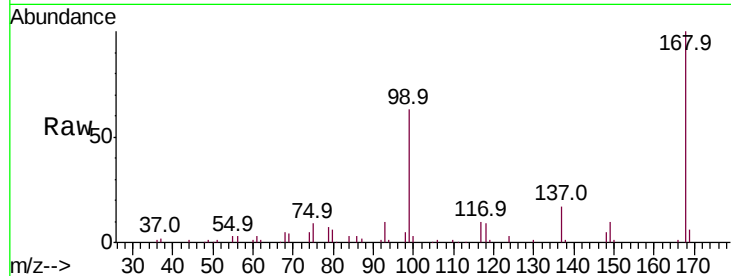
BP-VPB180-GW-588-590DL

Tot Ion:168 Resp: 99742

Ion Ratio Lower Upper

168 100

99 62.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

30000

20000

10000

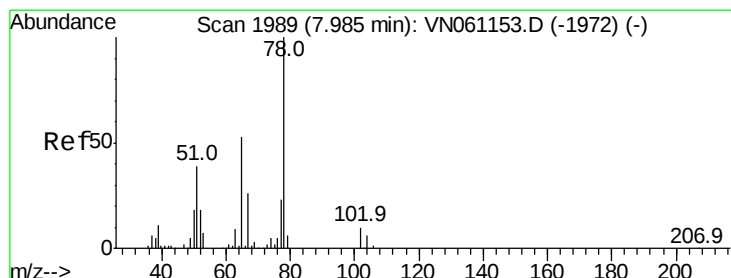
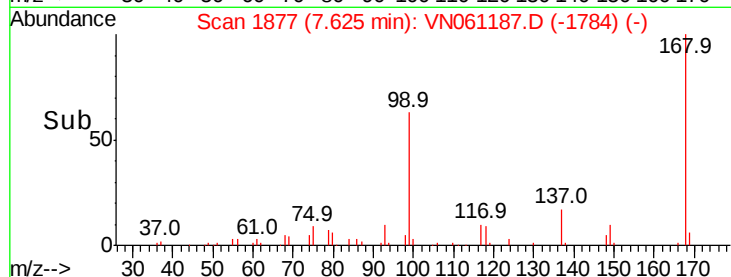
0

Time-->

7.50

7.60

7.70



#33

1,2-Dichloroethane-d4

Concen: 50.633 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061187.D

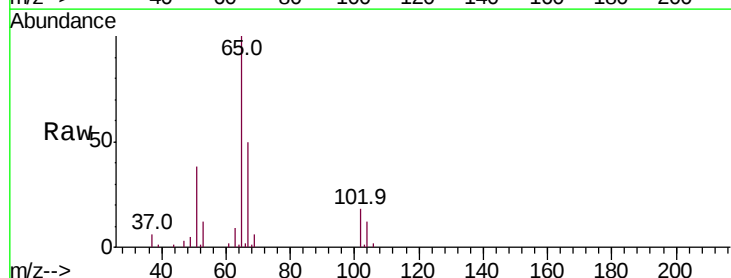
Acq: 29 Apr 2020 13:04

Tgt Ion: 65 Resp: 79911

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

40000

30000

20000

10000

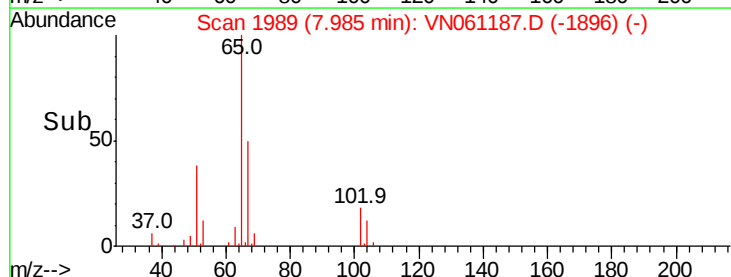
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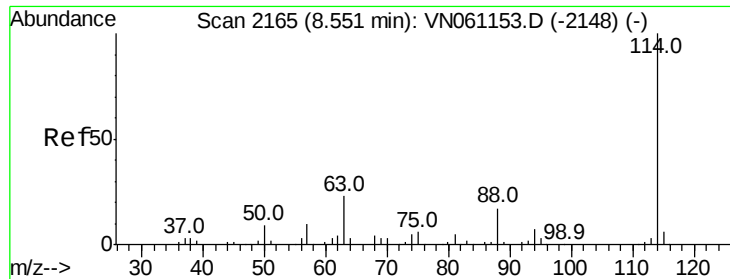
Time-->

7.90

8.00

8.10

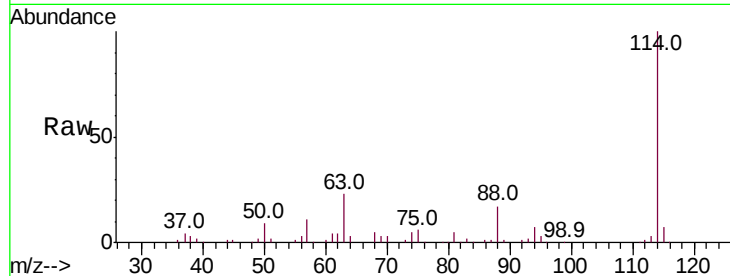




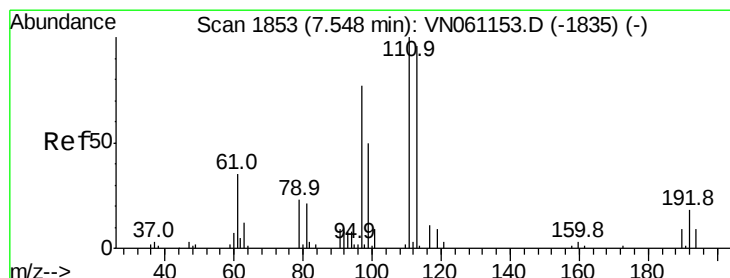
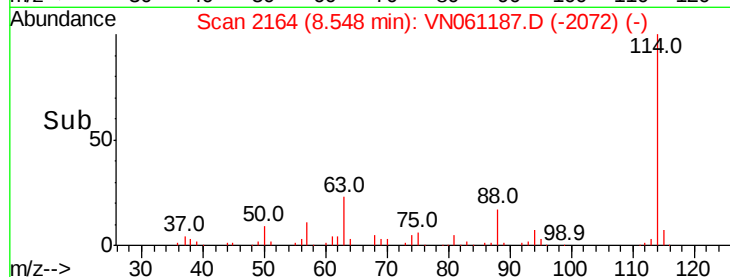
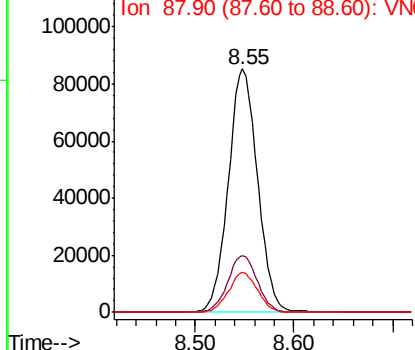
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061187.D
 Acq: 29 Apr 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-588-590DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.6
88	16.6	0.0	33.4

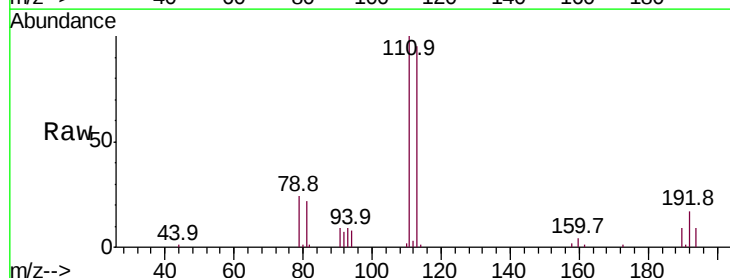


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

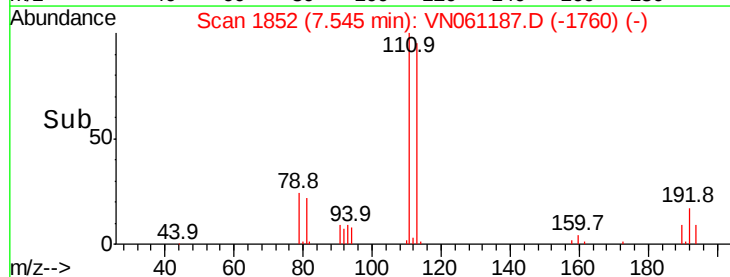
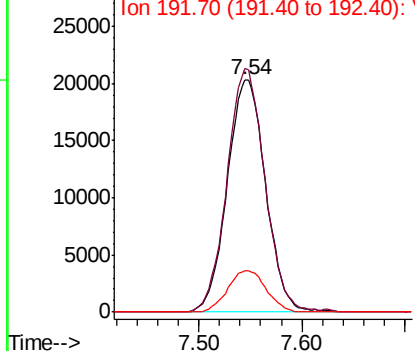


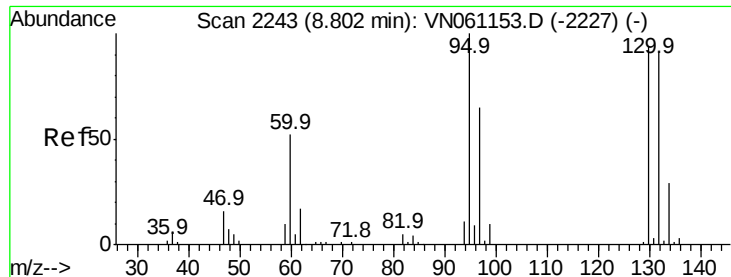
#35
 Dibromofluoromethane
 Concen: 50.436 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061187.D
 Acq: 29 Apr 2020 13:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	17.8	14.7	22.1



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





#44

Trichloroethene

Concen: 39.695 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061187.D

Acq: 29 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

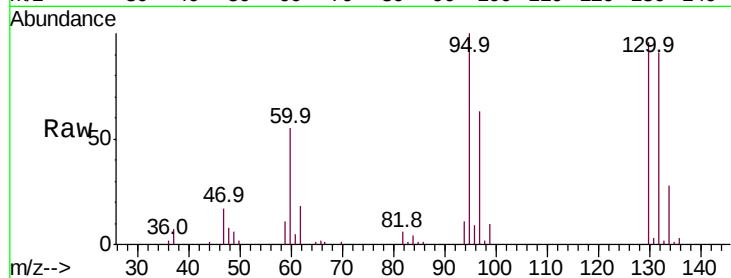
BP-VPB180-GW-588-590DL

Tot Ion:130 Resp: 56487

Ion Ratio Lower Upper

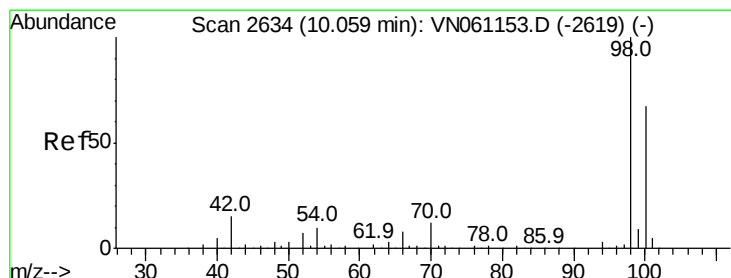
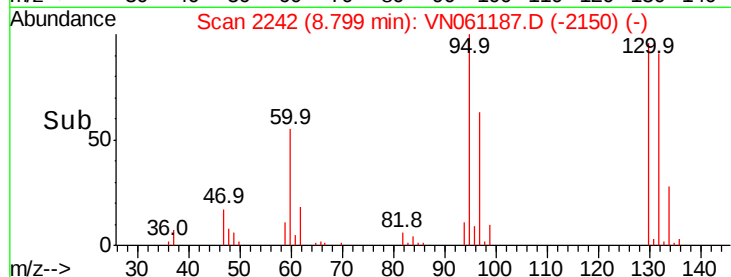
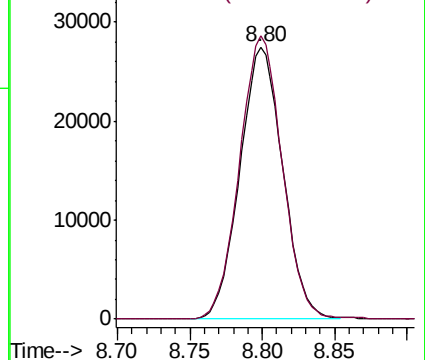
130 100

95 103.9 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)



#50

Toluene-d8

Concen: 52.537 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061187.D

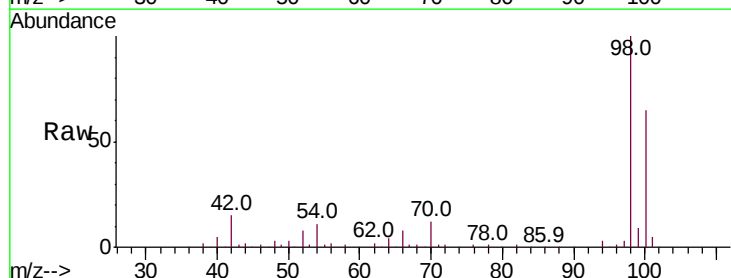
Acq: 29 Apr 2020 13:04

Tgt Ion: 98 Resp: 223532

Ion Ratio Lower Upper

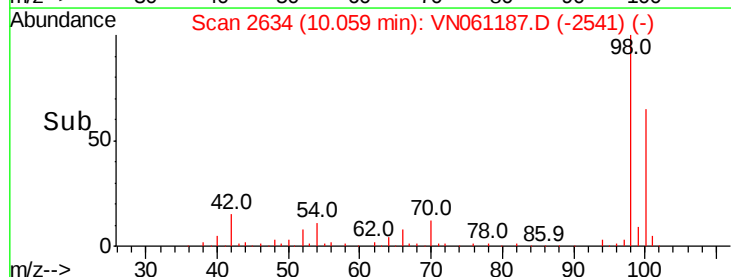
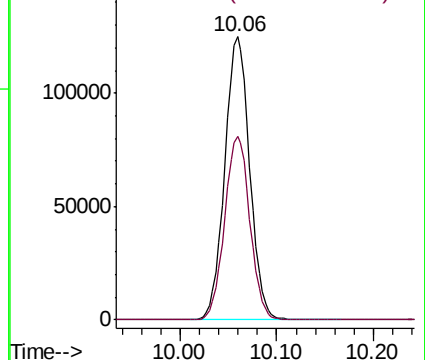
98 100

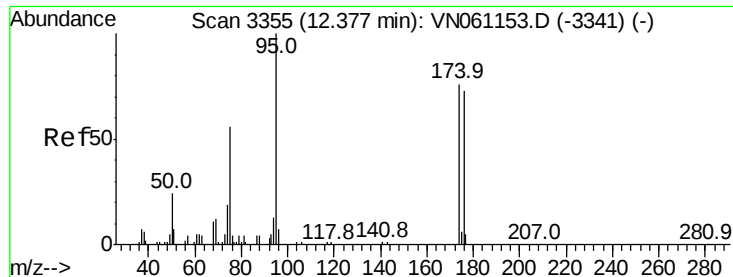
100 65.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 53.385 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061187.D

Acq: 29 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-588-590DL

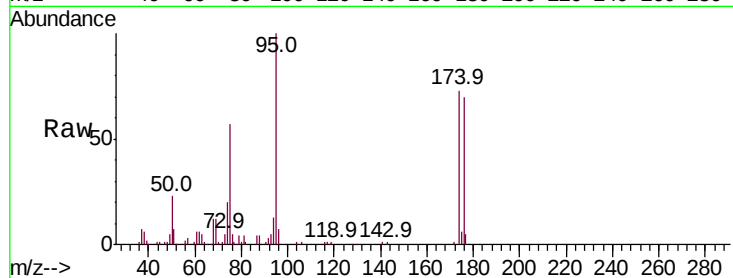
Tot Ion: 95 Resp: 85476

Ion Ratio Lower Upper

95 100

174 73.8 0.0 149.4

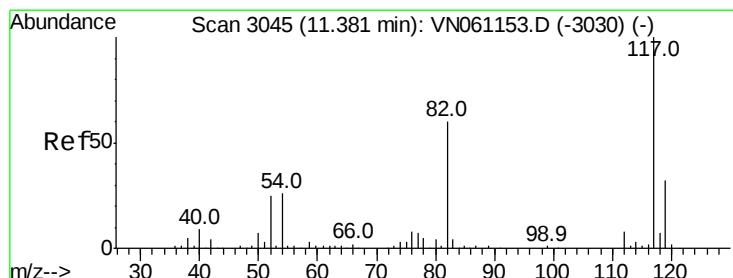
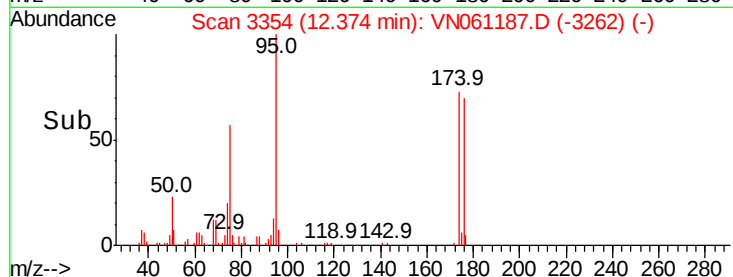
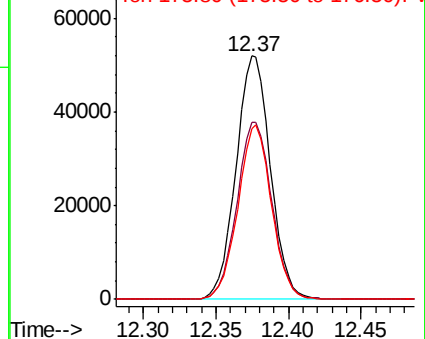
176 70.1 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061187.D (-2952) (-)

Ion 173.80 (173.50 to 174.50): VN061187.D (-2952) (-)

Ion 175.80 (175.50 to 176.50): VN061187.D (-2952) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061187.D

Acq: 29 Apr 2020 13:04

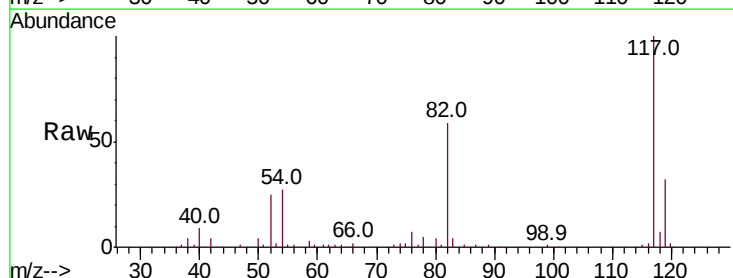
Tgt Ion: 117 Resp: 174997

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.8

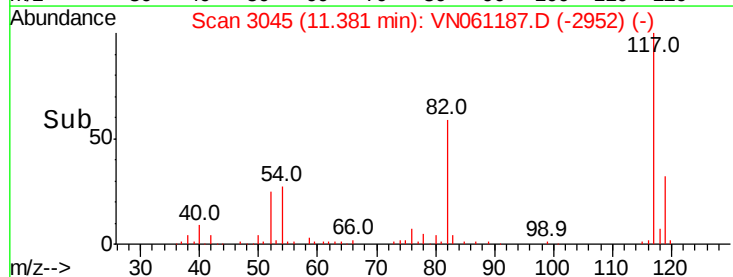
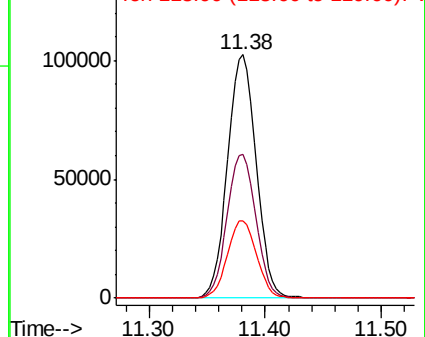
119 31.8 25.8 38.6

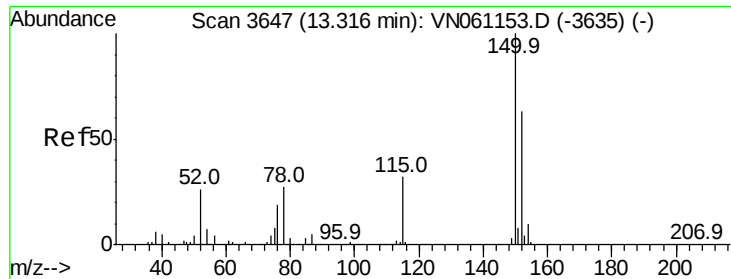


Abundance Ion 116.90 (116.60 to 117.60): VN061187.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061187.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061187.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061187.D

Acq: 29 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-588-590DL

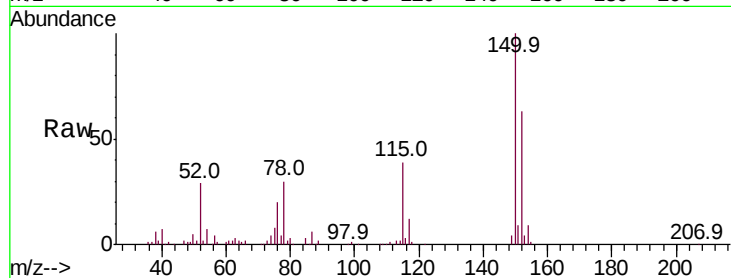
Tot Ion:152 Resp: 79037

Ion Ratio Lower Upper

152 100

115 62.5 31.0 93.0

150 158.6 0.0 351.8



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

