

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062917.D
 Acq On : 13 Aug 2020 18:05
 Operator : JC/MD
 Sample : PB130937TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130937TB

Quant Time: Aug 14 06:27:55 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

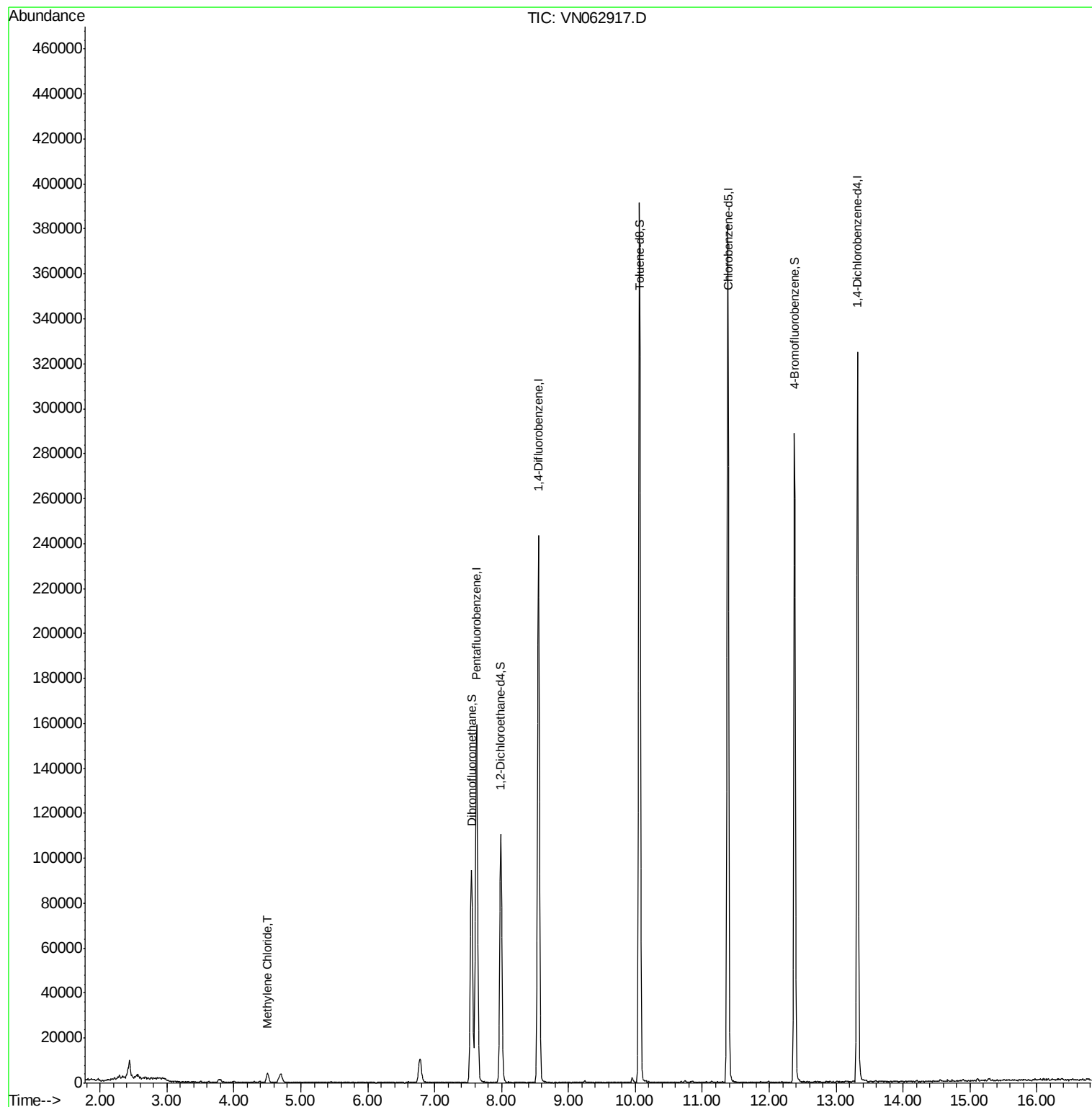
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	121908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	207827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	210025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102410	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	7.55	113	73498	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.06	98	269854	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.38	95	102227	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
Target Compounds						
20) Methylene Chloride	4.50	84	2971	1.491	ug/l #	Qvalue 79

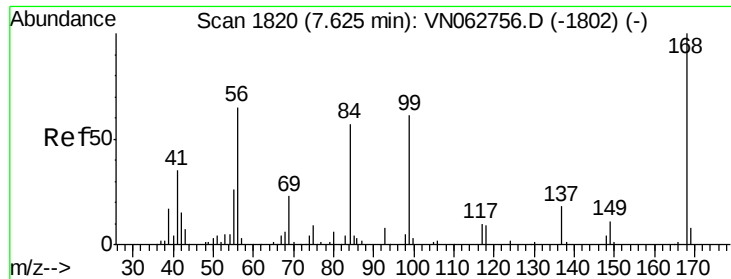
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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Quant Title : SW846 8260
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# 1820

Delta R.T. -0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

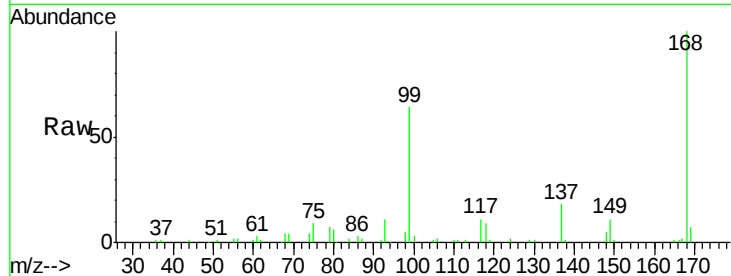
PB130937TB

Tot Ion:168 Resp: 121908

Ion Ratio Lower Upper

168 100

99 63.5 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

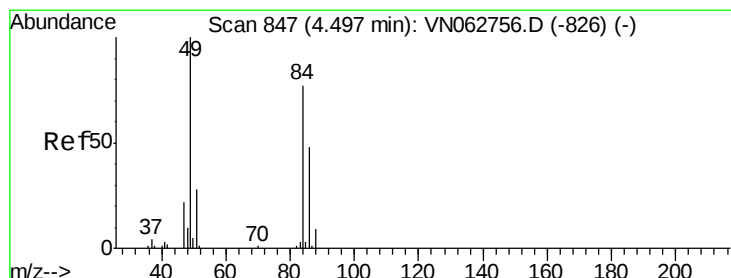
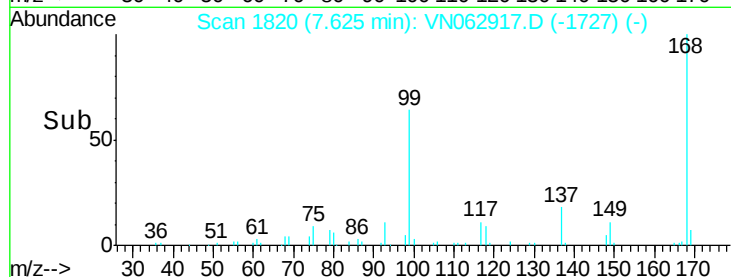
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#20

Methylene Chloride

Concen: 1.491 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

Tgt Ion: 84 Resp: 2971

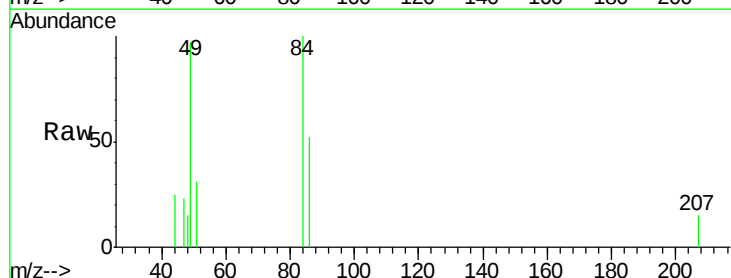
Ion Ratio Lower Upper

84 100

49 97.4 103.4 155.2#

51 31.0 29.3 43.9

86 51.8 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

2000

1500

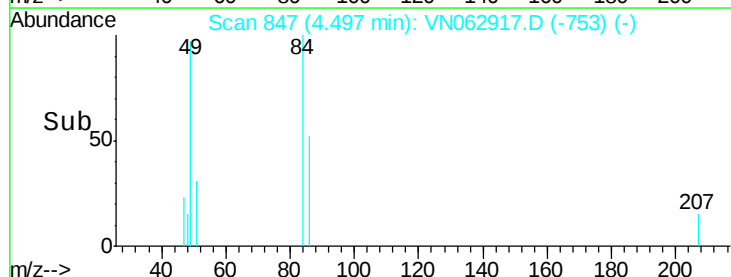
1000

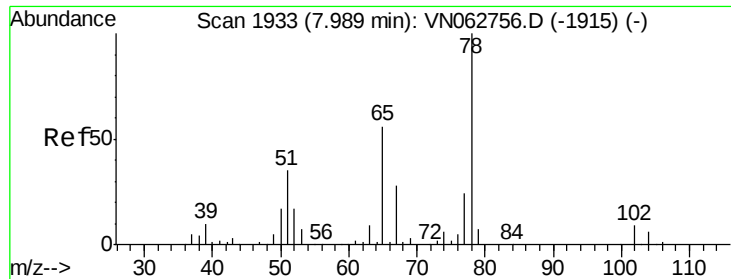
500

0

Time-->

4.45 4.50 4.55





#33

1,2-Dichloroethane-d4

Concen: 50.799 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

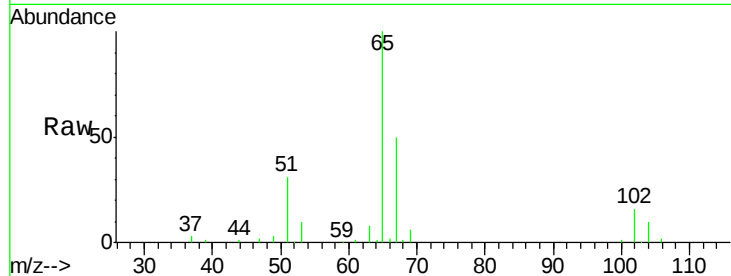
PB130937TB

Tot Ion: 65 Resp: 102410

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062917.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062917.D (-1840) (-)

7.99

50000

40000

30000

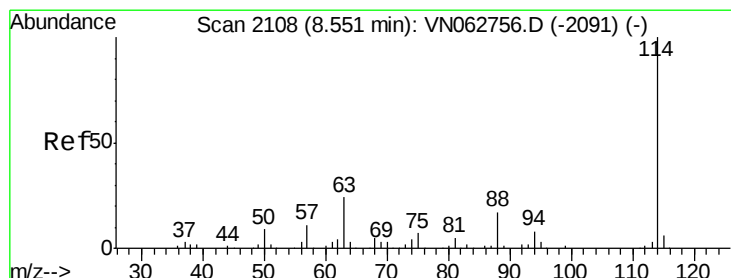
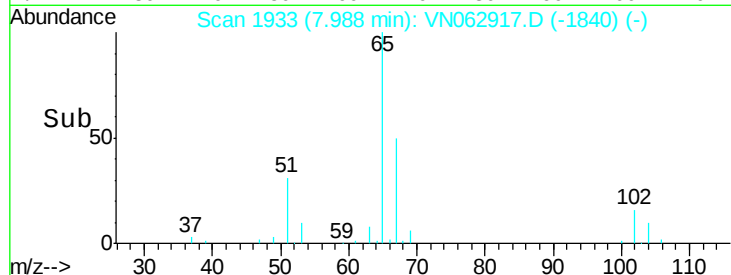
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

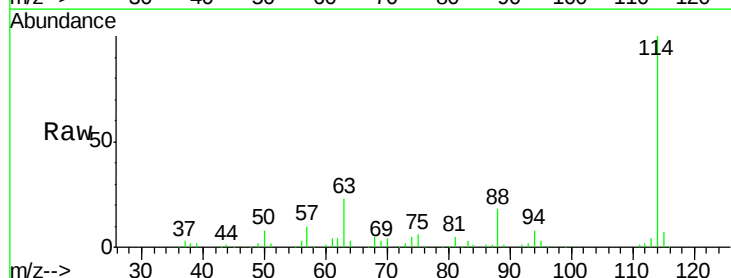
Tgt Ion: 114 Resp: 207827

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

88 18.2 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VN062917.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062917.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062917.D (-2015) (-)

8.55

120000

100000

80000

60000

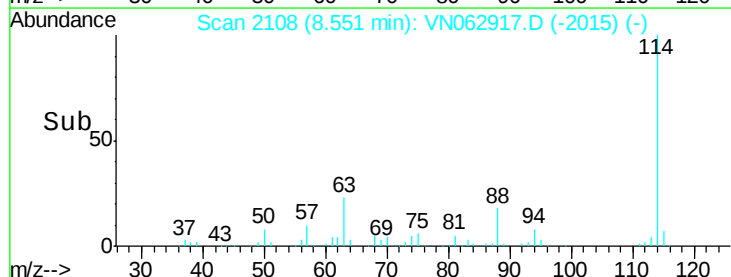
40000

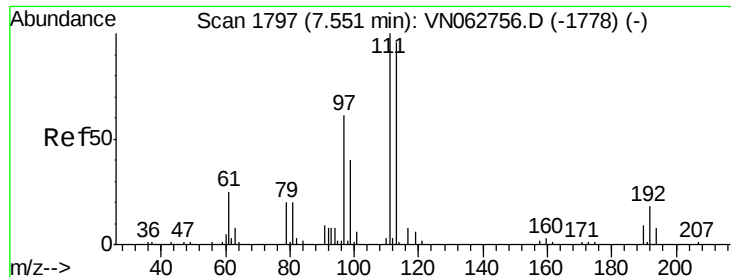
20000

0

Time-->

8.50 8.60

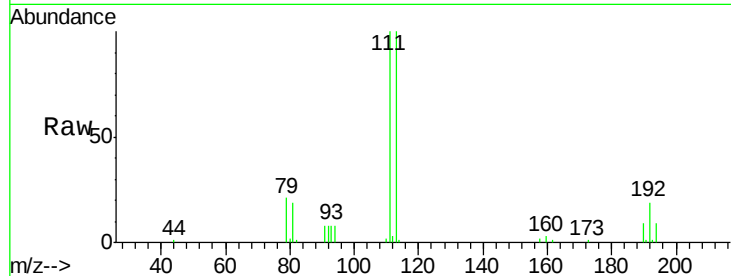




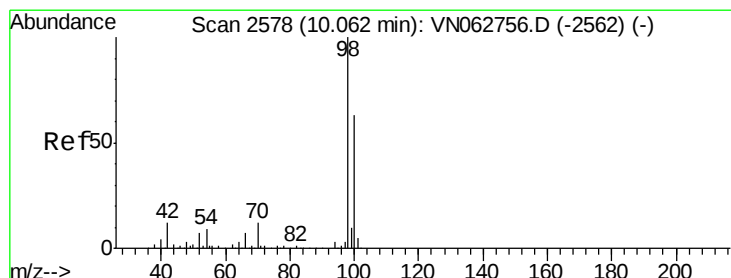
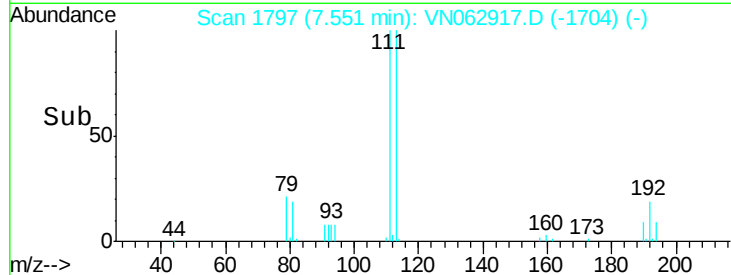
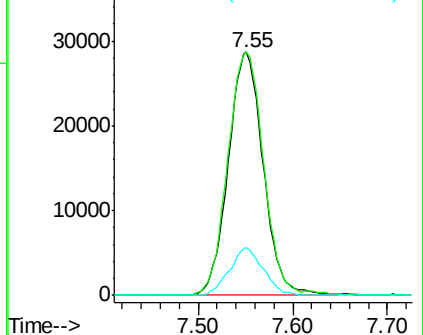
#35
 Dibromofluoromethane
 Concen: 51.699 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062917.D
 Acq: 13 Aug 2020 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130937TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	18.9	15.0	22.4

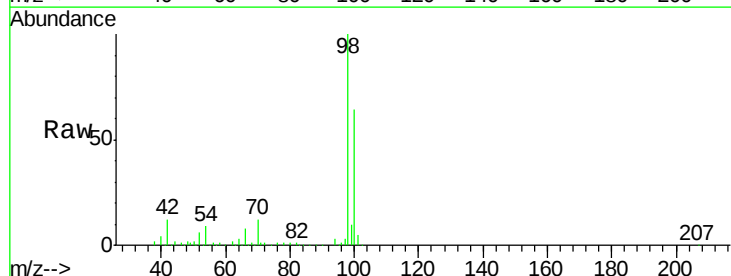


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

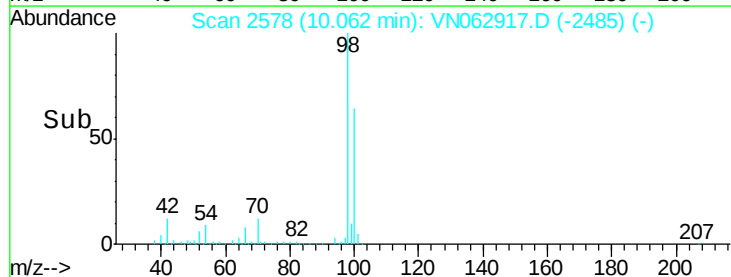
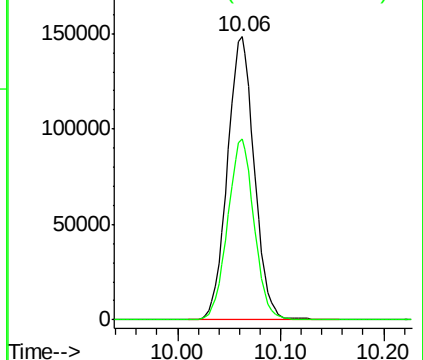


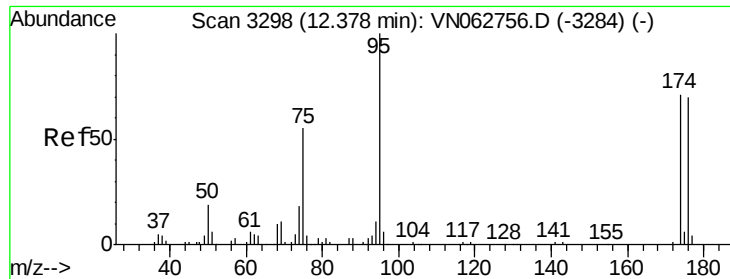
#50
 Toluene-d8
 Concen: 48.620 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: VN062917.D
 Acq: 13 Aug 2020 18:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.739 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130937TB

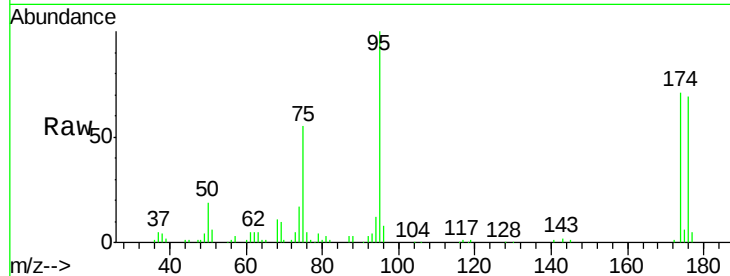
Tot Ion: 95 Resp: 102227

Ion Ratio Lower Upper

95 100

174 73.8 0.0 144.8

176 71.9 0.0 142.2

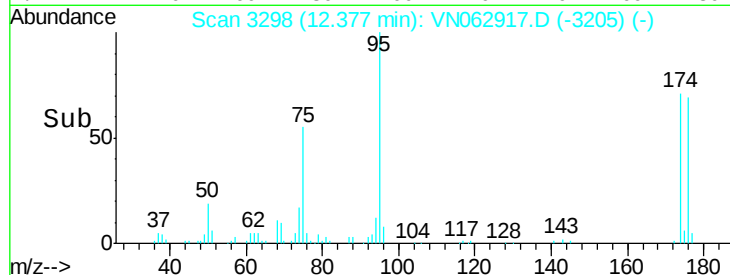


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

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

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

Time-->



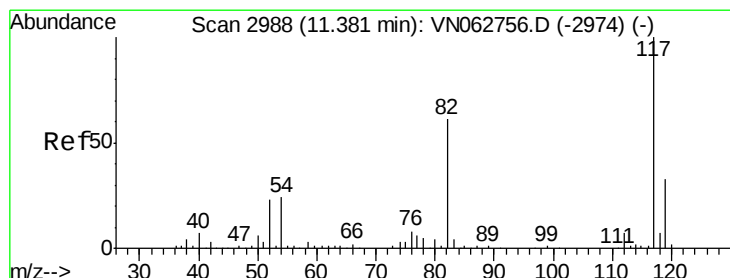
Abundance

Ion 94.90 (94.60 to 95.60): VN062917.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062917.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062917.D (-3205) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

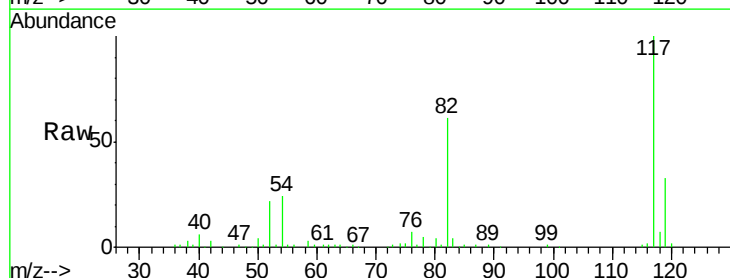
Tgt Ion: 117 Resp: 210025

Ion Ratio Lower Upper

117 100

82 61.1 49.0 73.4

119 32.6 26.2 39.2

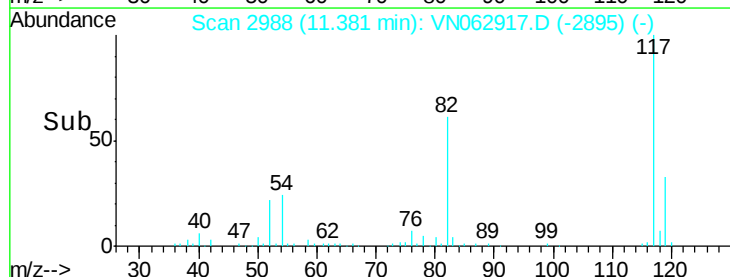


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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

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

Time-->



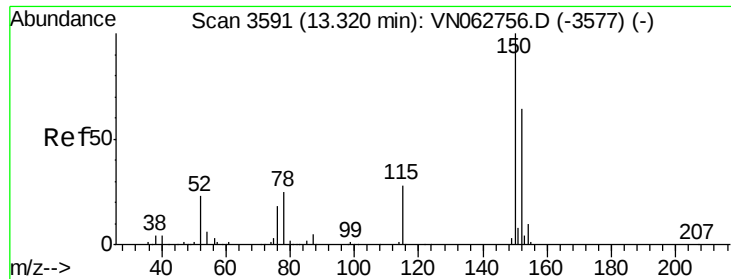
Abundance

Ion 116.90 (116.60 to 117.60): VN062917.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062917.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062917.D (-2895) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062917.D

Acq: 13 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130937TB

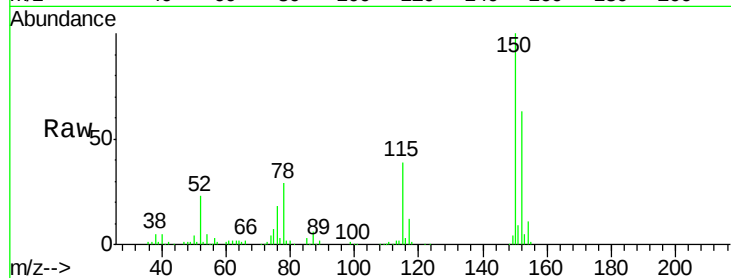
Tot Ion:152 Resp: 85477

Ion Ratio Lower Upper

152 100

115 62.9 31.6 94.8

150 159.5 0.0 349.2



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

