

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062834.D
 Acq On : 11 Aug 2020 17:07
 Operator : JC/MD
 Sample : PB130875ZHE#19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#19

Quant Time: Aug 11 21:34:43 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

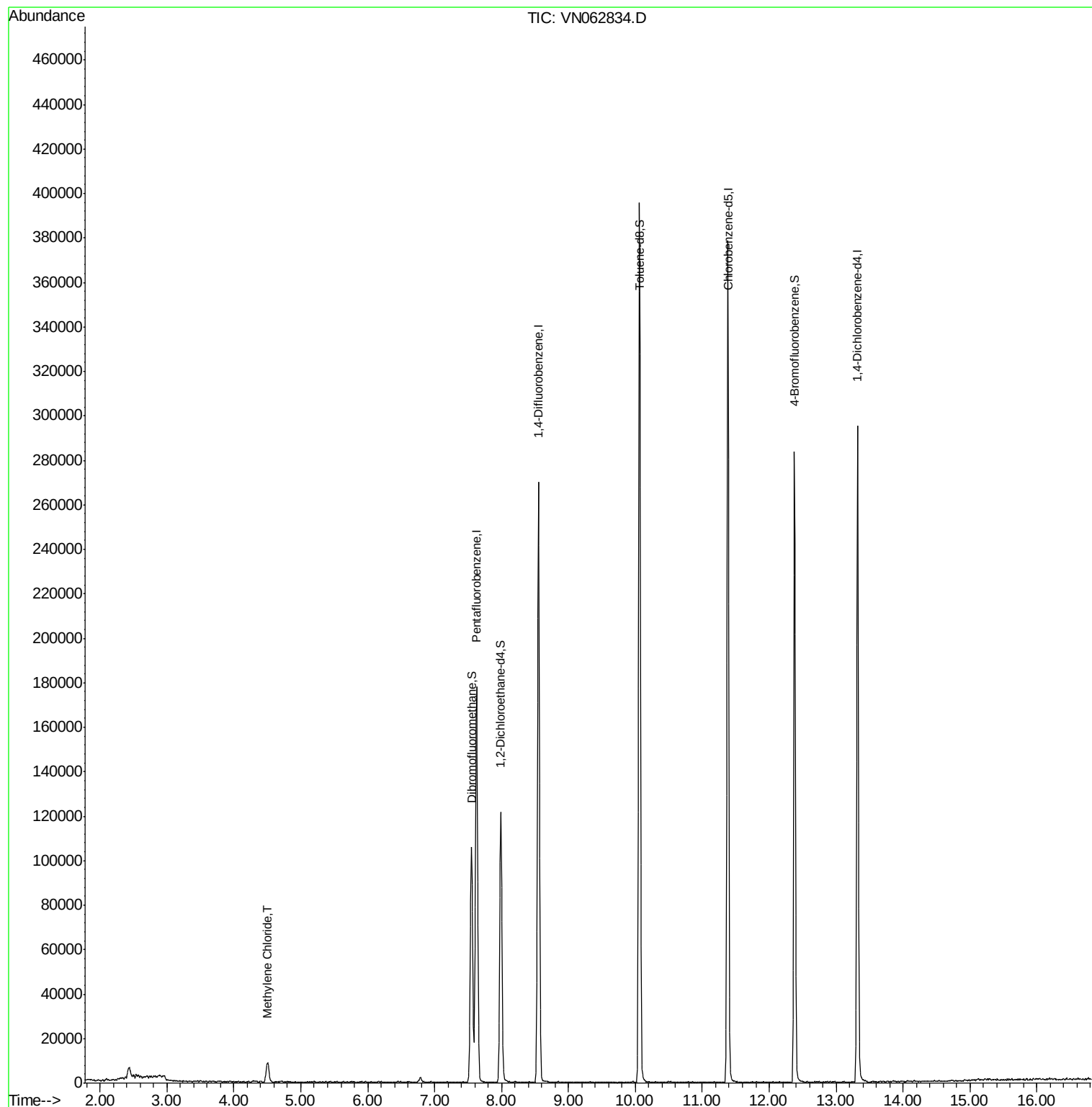
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	228726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112240	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	7.55	113	81790	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.06	98	273701	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.38	95	98083	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	
Target Compounds						
20) Methylene Chloride	4.51	84	6865	3.916	ug/l	Qvalue 93

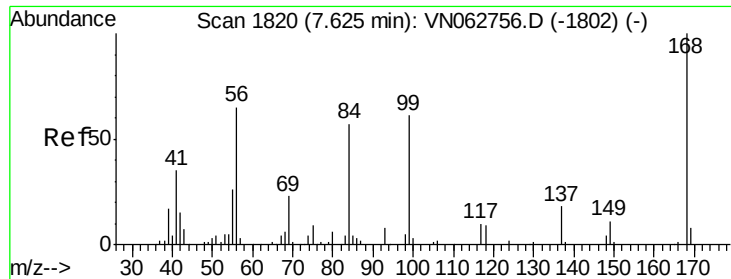
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062834.D

Acq: 11 Aug 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

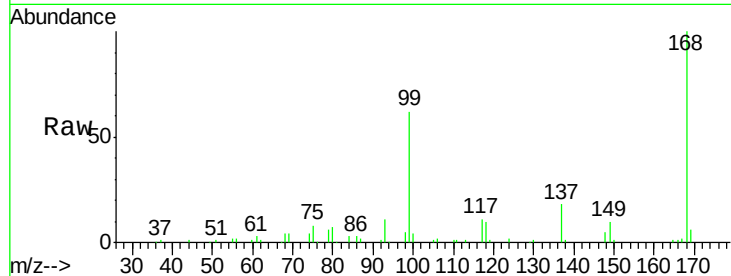
PB130875ZHE#19

Tot Ion:168 Resp: 135978

Ion Ratio Lower Upper

168 100

99 61.5 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

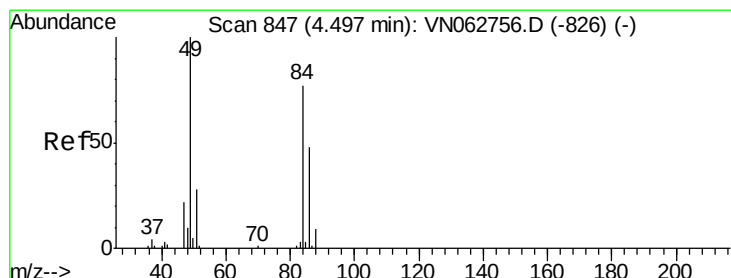
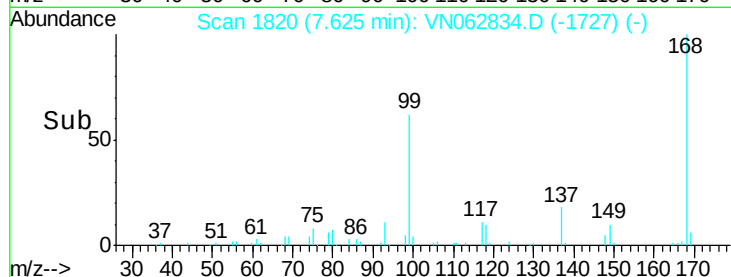
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#20

Methylene Chloride

Concen: 3.916 ug/l

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN062834.D

Acq: 11 Aug 2020 17:07

Tgt Ion: 84 Resp: 6865

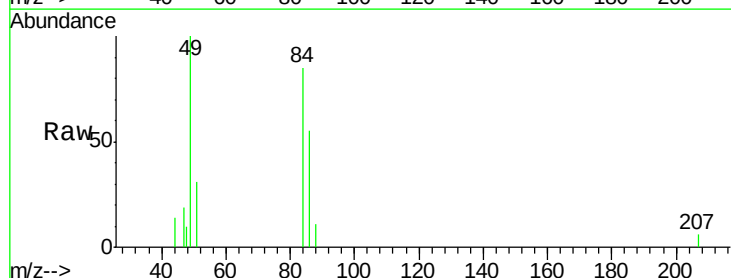
Ion Ratio Lower Upper

84 100

49 117.9 103.4 155.2

51 36.2 29.3 43.9

86 65.3 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

4000

3000

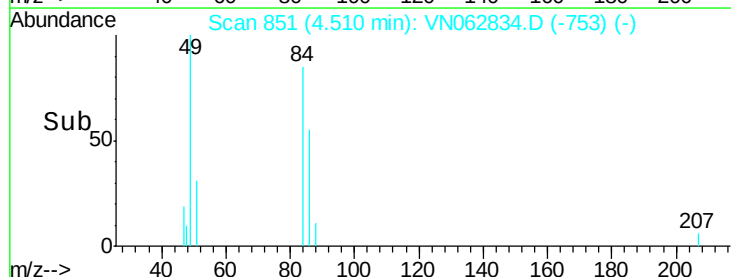
2000

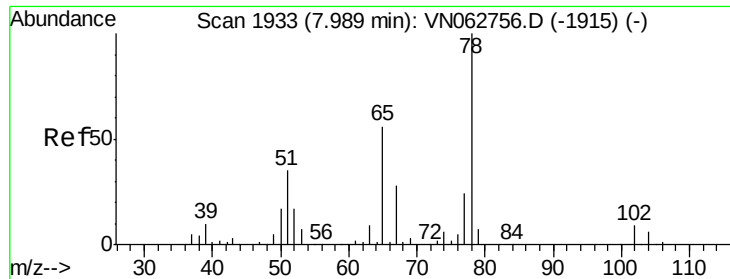
1000

0

Time-->

4.40 4.45 4.50 4.55 4.60





#33

1,2-Dichloroethane-d4

Concen: 49.914 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062834.D

Acq: 11 Aug 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

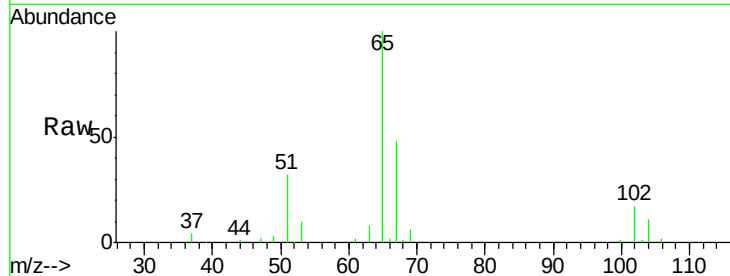
PB130875ZHE#19

Tot Ion: 65 Resp: 112240

Ion Ratio Lower Upper

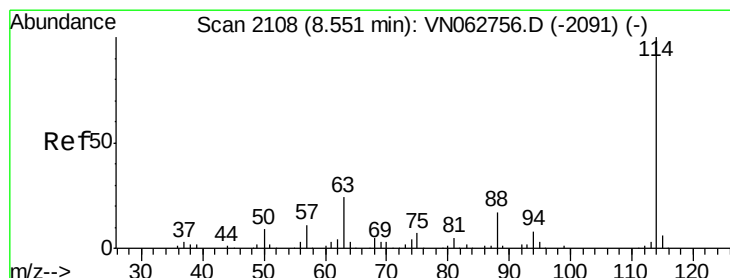
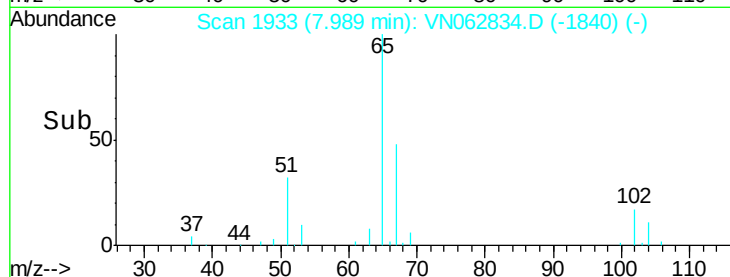
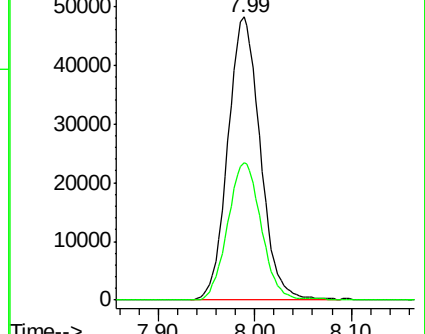
65 100

67 50.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062834.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062834.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062834.D

Acq: 11 Aug 2020 17:07

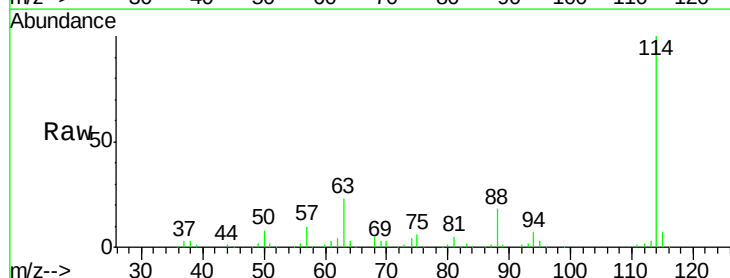
Tgt Ion: 114 Resp: 228726

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

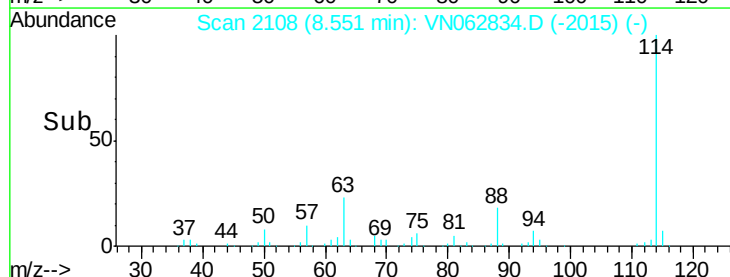
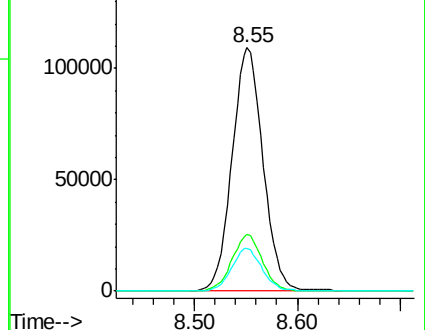
88 17.6 0.0 34.4

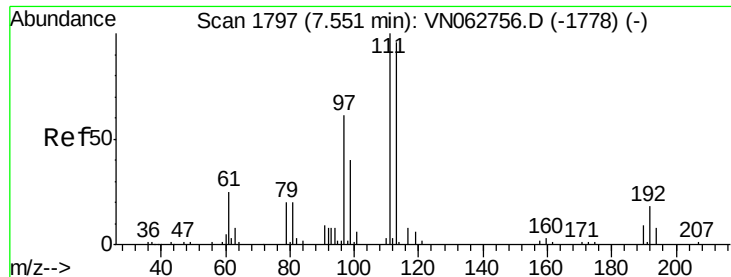


Abundance Ion 113.90 (113.60 to 114.60): VN062834.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062834.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062834.D (-2015) (-)

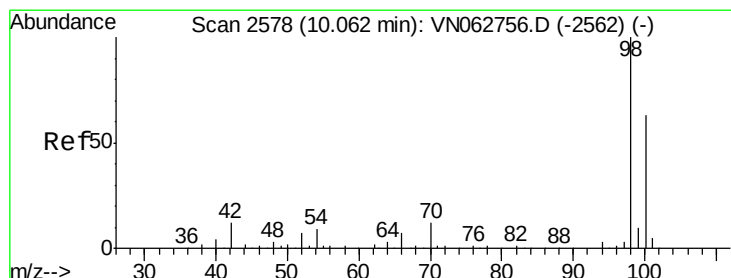
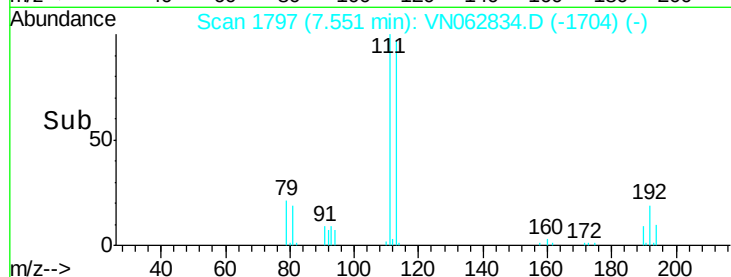
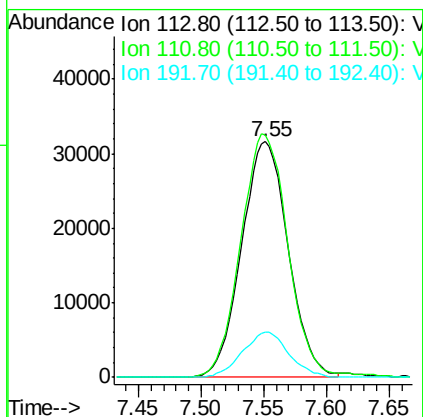
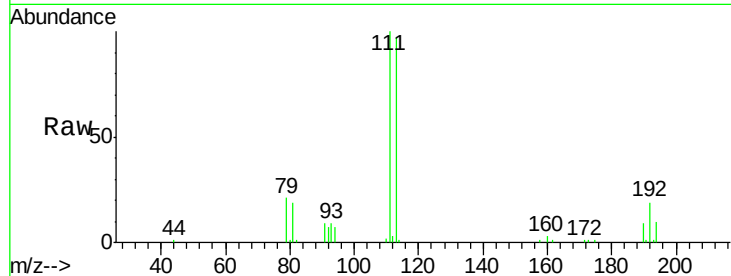




#35
Dibromofluoromethane
Concen: 52.275 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

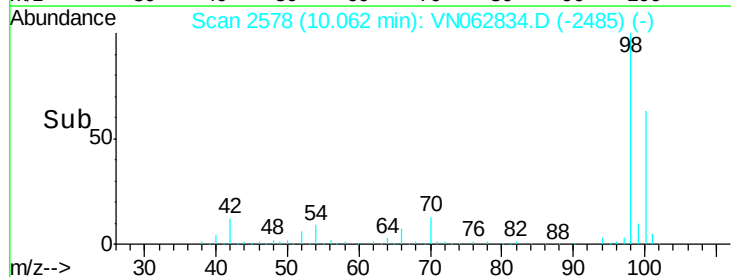
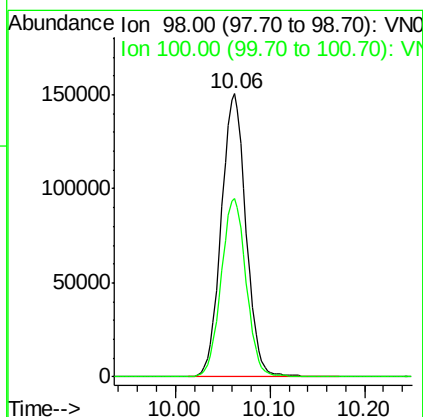
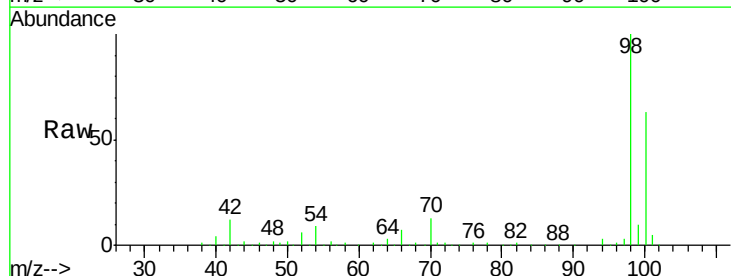
Instrument :
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PB130875ZHE#19

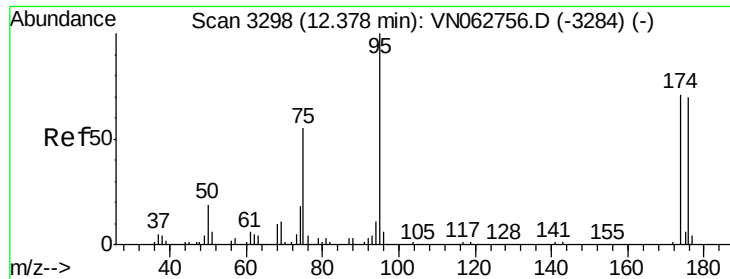
Tot Ion:113 Resp: 81790
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 19.1 15.0 22.4



#50
Toluene-d8
Concen: 44.807 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 98 Resp: 273701
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 42.490 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062834.D

Acq: 11 Aug 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

PB130875ZHE#19

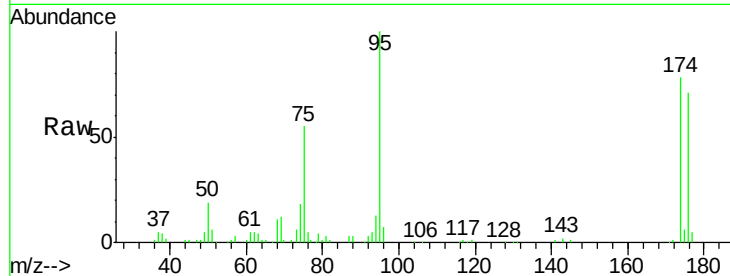
Tot Ion: 95 Resp: 98083

Ion Ratio Lower Upper

95 100

174 78.0 0.0 144.8

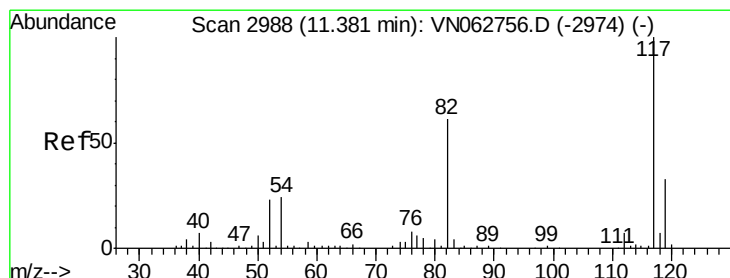
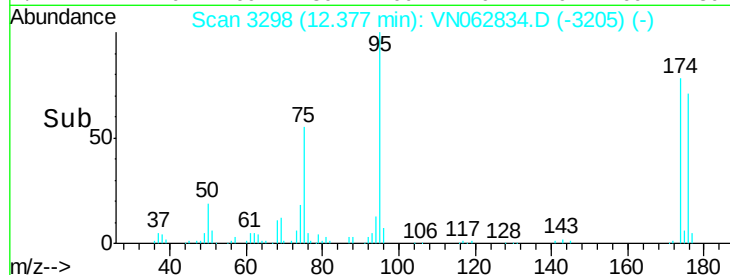
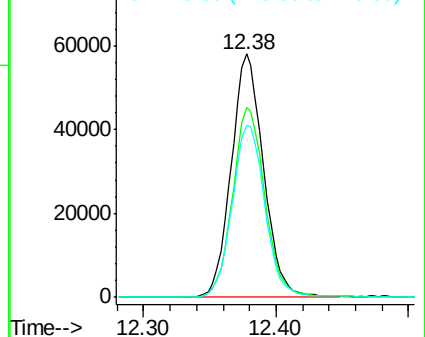
176 72.0 0.0 142.2



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: VN062834.D

Acq: 11 Aug 2020 17:07

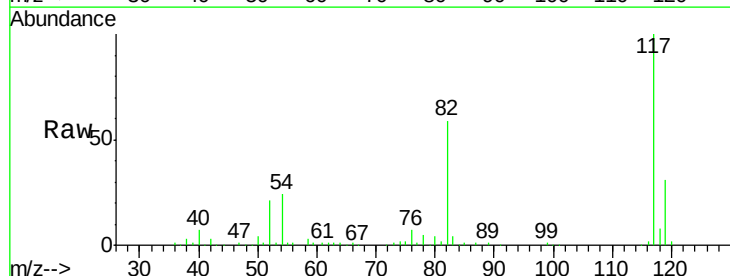
Tgt Ion: 117 Resp: 213692

Ion Ratio Lower Upper

117 100

82 58.9 49.0 73.4

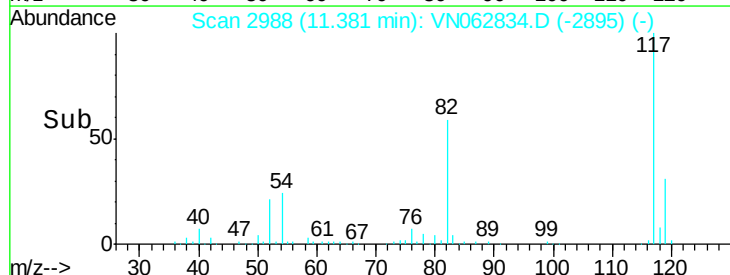
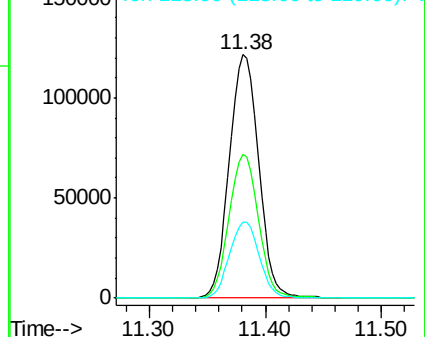
119 31.2 26.2 39.2

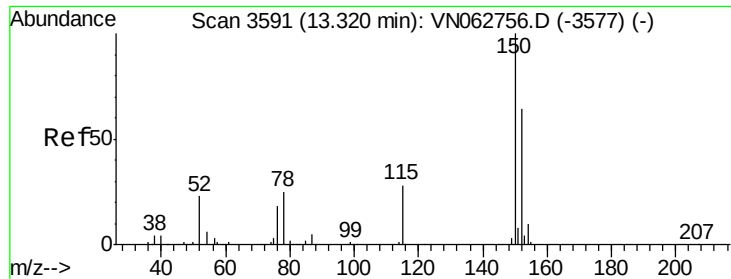


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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: VN062834.D

Acq: 11 Aug 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

PB130875ZHE#19

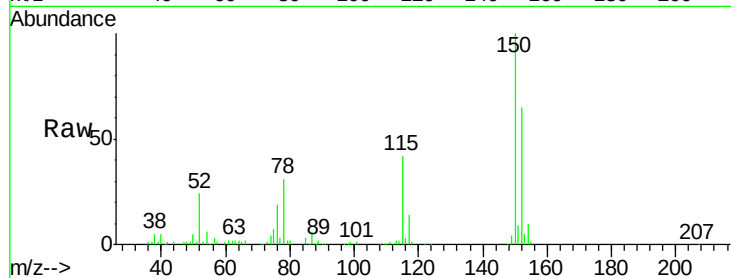
Tot Ion:152 Resp: 80930

Ion Ratio Lower Upper

152 100

115 64.2 31.6 94.8

150 153.9 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

