

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062885.D
 Acq On : 13 Aug 2020 3:32
 Operator : JC/MD
 Sample : PB130908ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#15

Quant Time: Aug 13 07:25:24 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

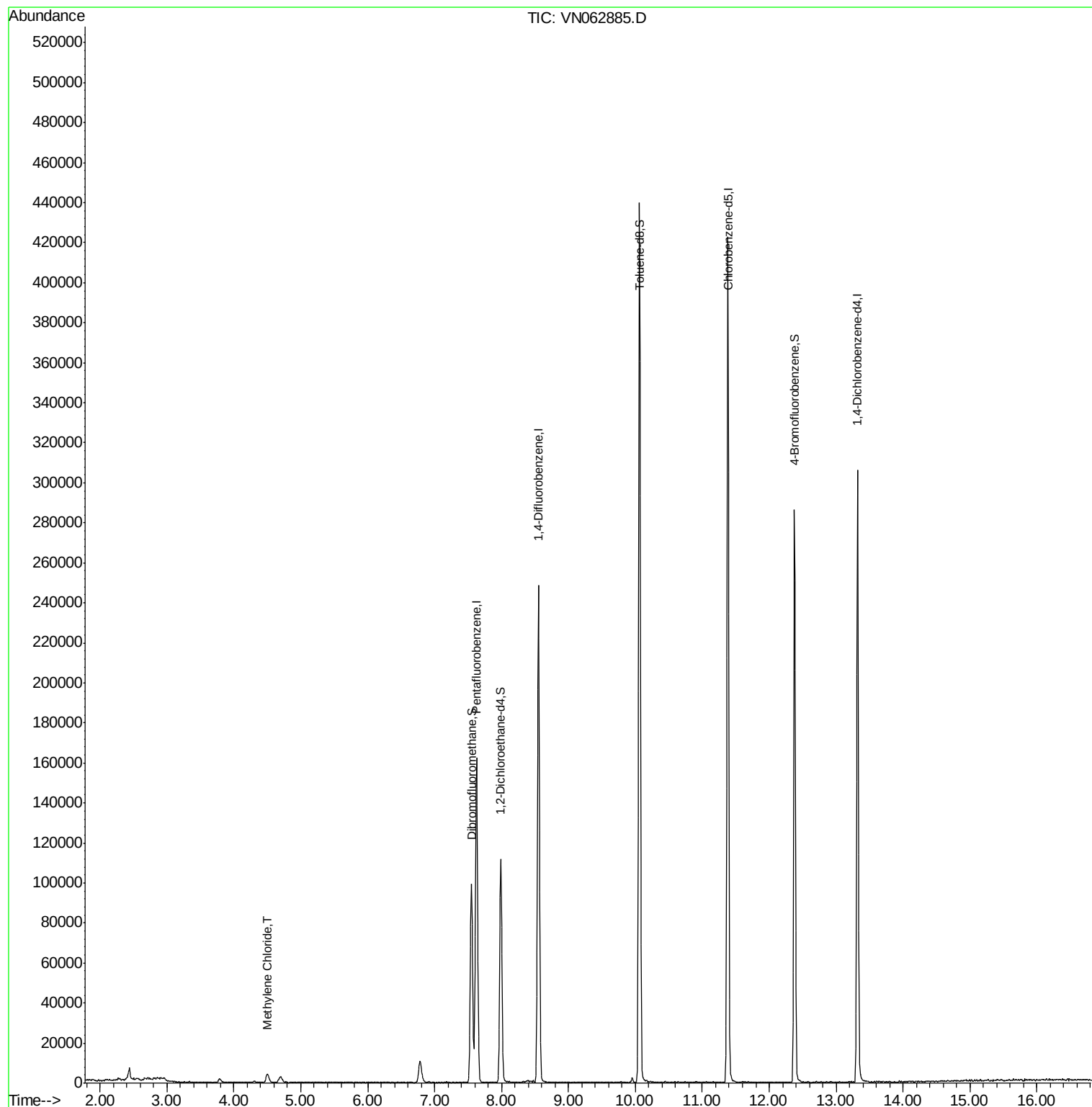
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	122574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	212977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105289	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	7.55	113	75426	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	10.06	98	301577	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.38	95	102239	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
20) Methylene Chloride	4.50	84	3720	2.046	ug/l	Qvalue 94

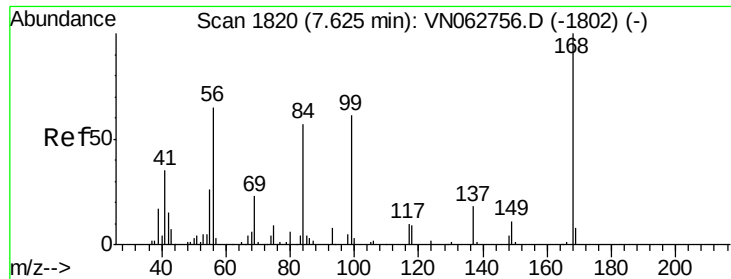
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062885.D

Acq: 13 Aug 2020 3:32

Instrument :

MSVOA_N

ClientSampleId :

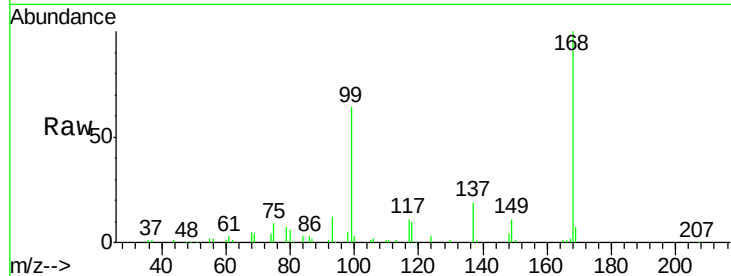
PB130908ZHE#15

Tot Ion:168 Resp: 122574

Ion Ratio Lower Upper

168 100

99 64.0 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

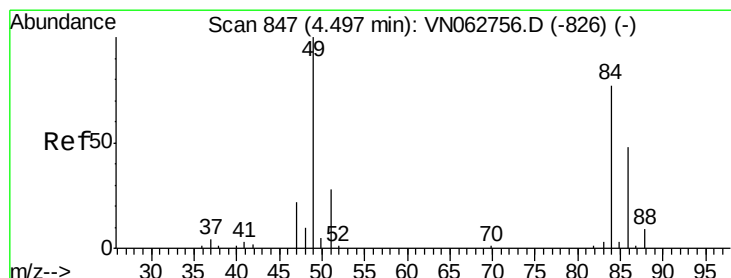
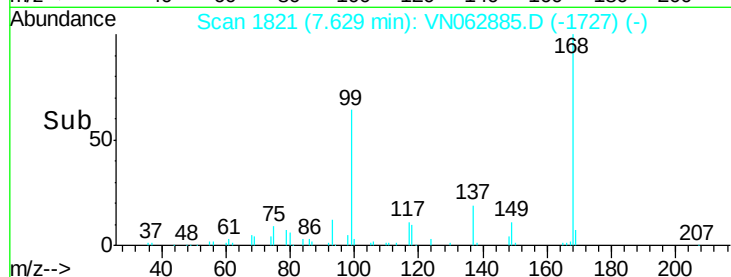
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#20

Methylene Chloride

Concen: 2.046 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062885.D

Acq: 13 Aug 2020 3:32

Tgt Ion: 84 Resp: 3720

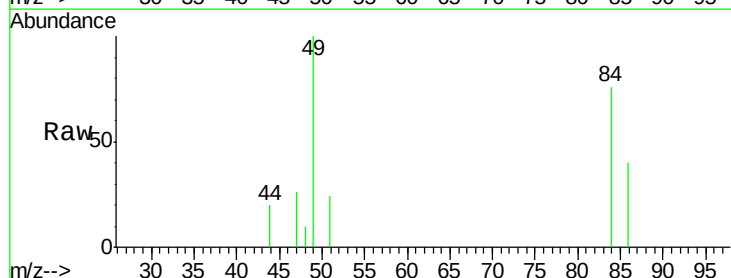
Ion Ratio Lower Upper

84 100

49 130.9 103.4 155.2

51 31.4 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

2500

2000

1500

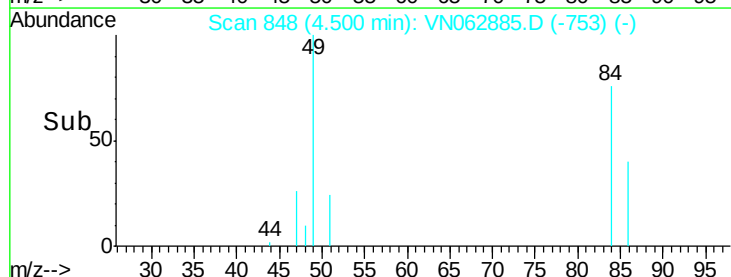
1000

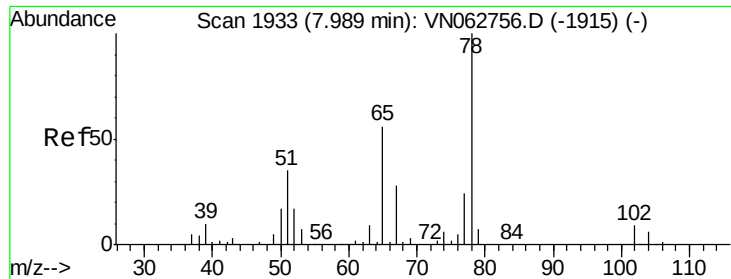
500

0

Time-->

4.45 4.50 4.55

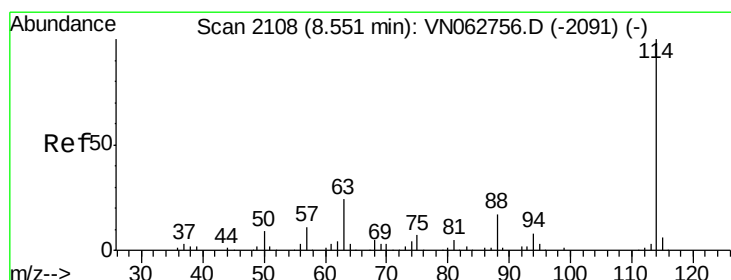
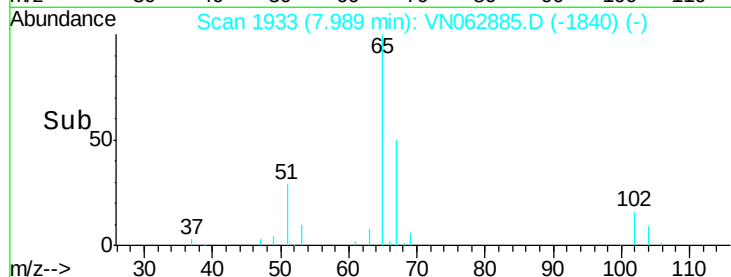
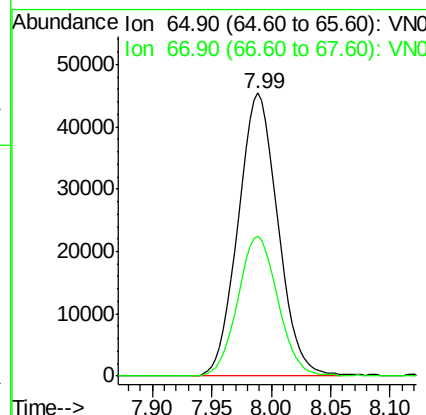
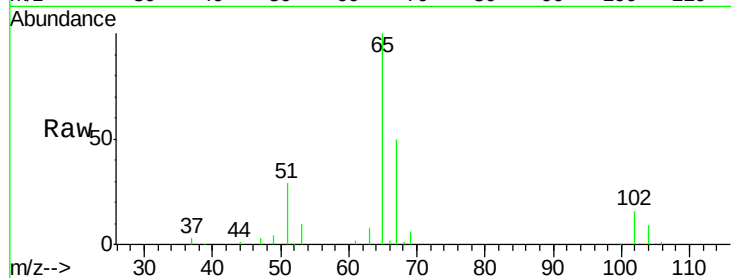




#33
 1,2-Dichloroethane-d4
 Concen: 51.944 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062885.D
 Acq: 13 Aug 2020 3:32

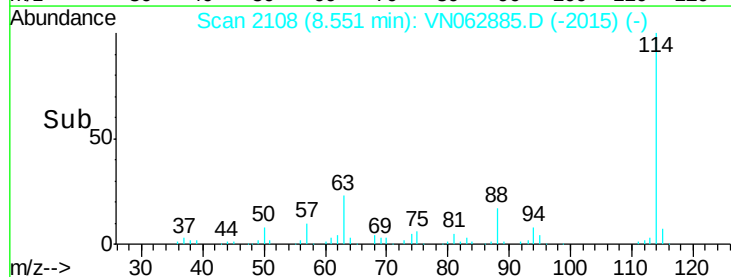
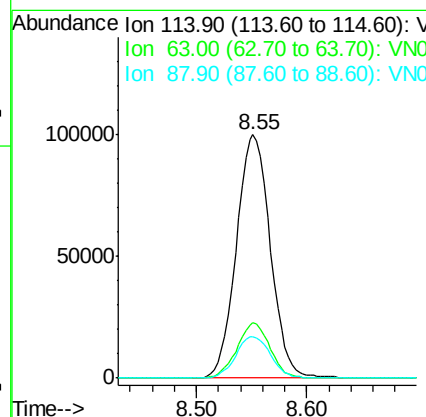
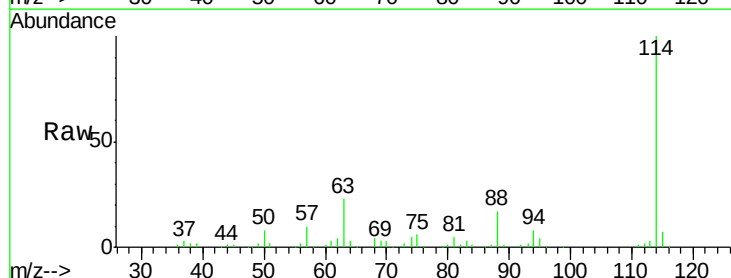
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#15

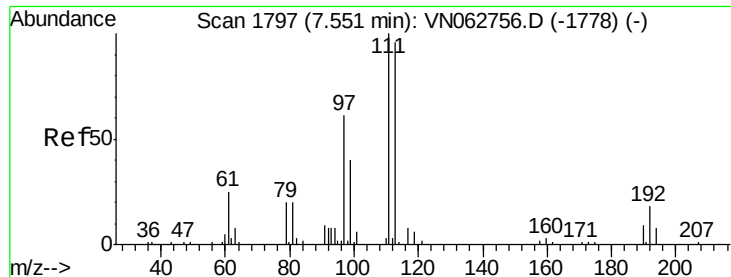
Tot Ion: 65 Resp: 105289
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062885.D
 Acq: 13 Aug 2020 3:32

Tgt Ion: 114 Resp: 212977
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 17.2 0.0 34.4

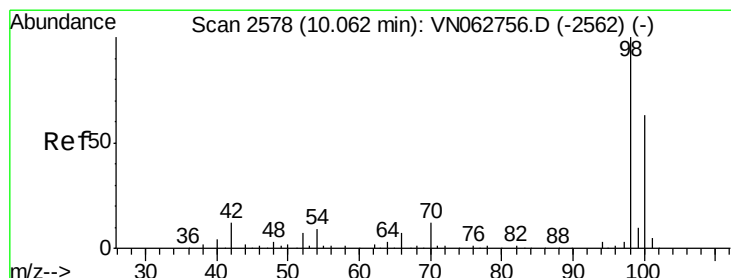
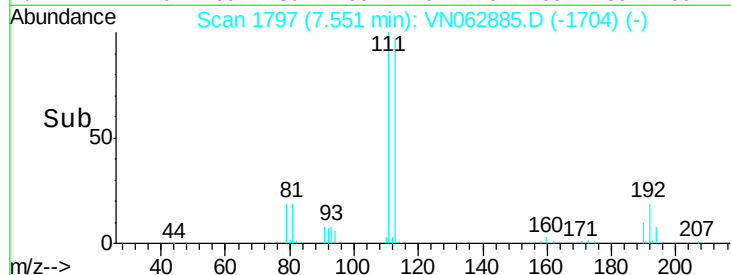
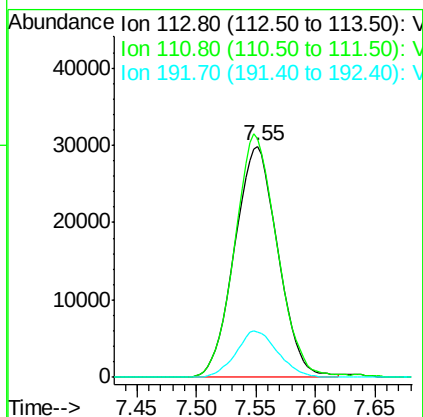
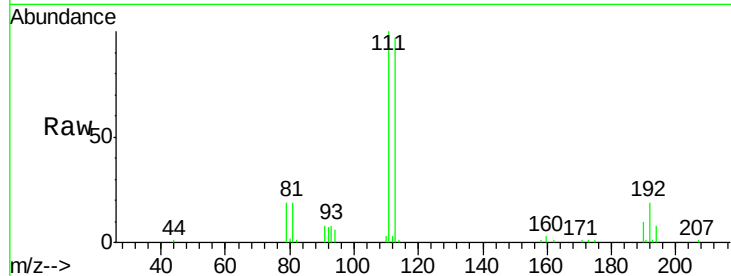




#35
 Dibromofluoromethane
 Concen: 51.772 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062885.D
 Acq: 13 Aug 2020 3:32

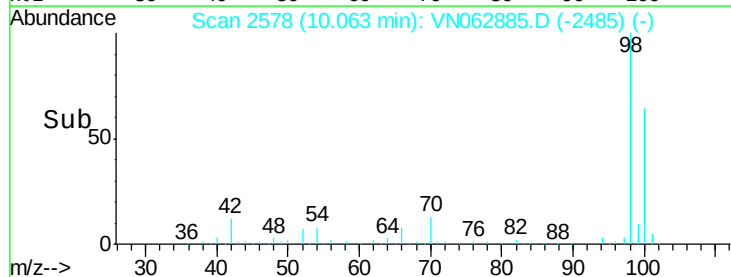
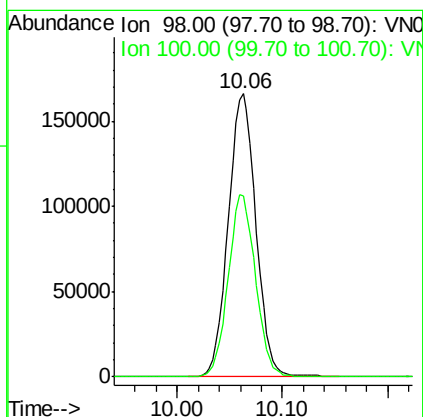
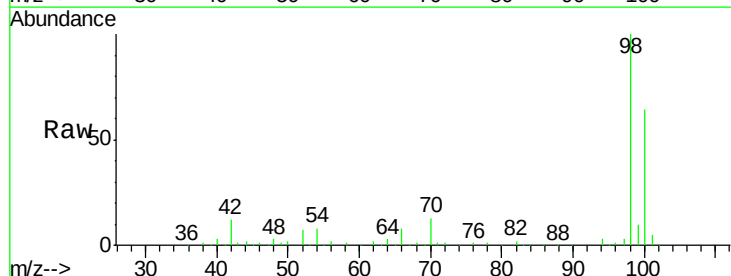
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#15

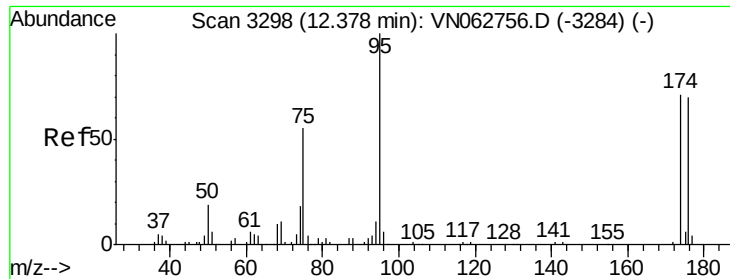
Tot Ion:113 Resp: 75426
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 19.3 15.0 22.4



#50
 Toluene-d8
 Concen: 53.022 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN062885.D
 Acq: 13 Aug 2020 3:32

Tgt Ion: 98 Resp: 301577
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.566 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062885.D

Acq: 13 Aug 2020 3:32

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#15

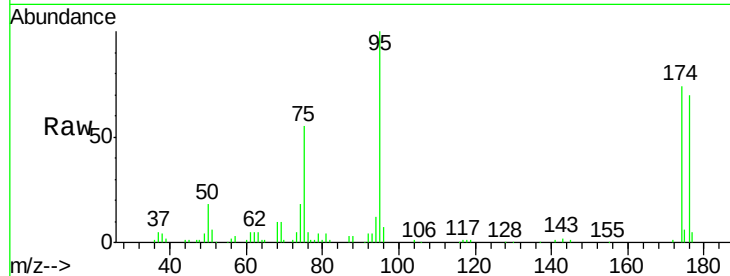
Tot Ion: 95 Resp: 102239

Ion Ratio Lower Upper

95 100

174 75.5 0.0 144.8

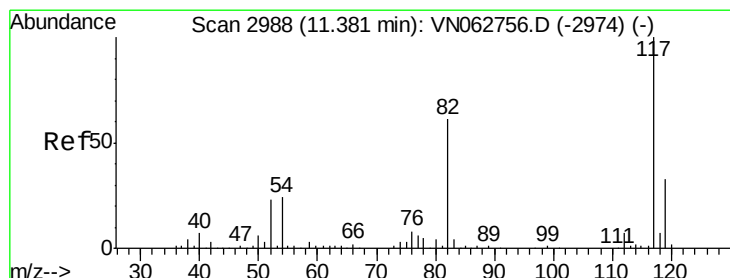
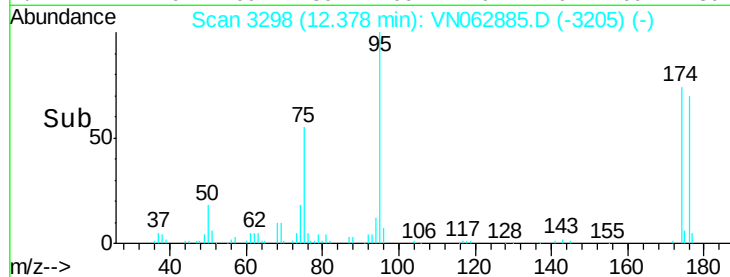
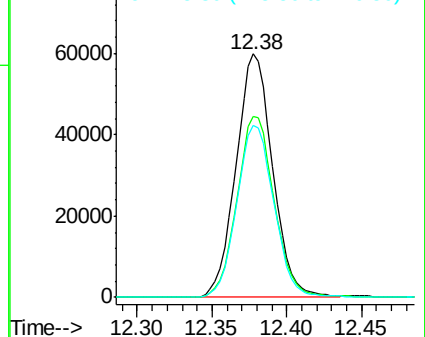
176 71.4 0.0 142.2



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: VN062885.D

Acq: 13 Aug 2020 3:32

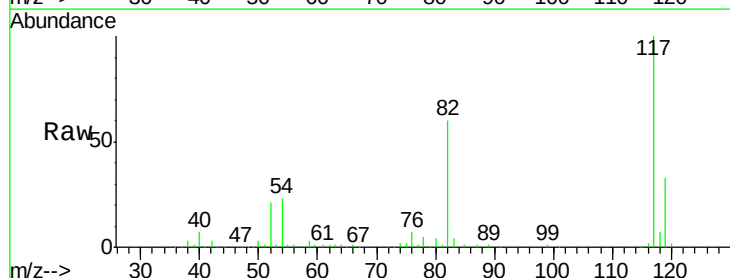
Tgt Ion: 117 Resp: 234548

Ion Ratio Lower Upper

117 100

82 60.3 49.0 73.4

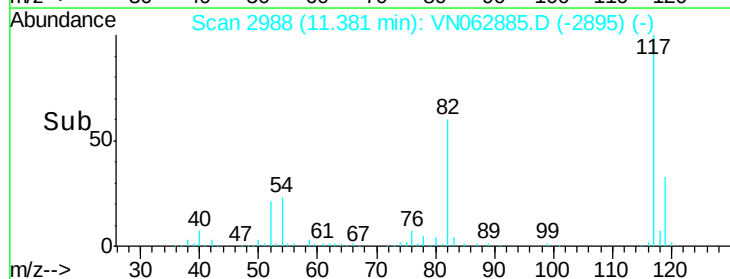
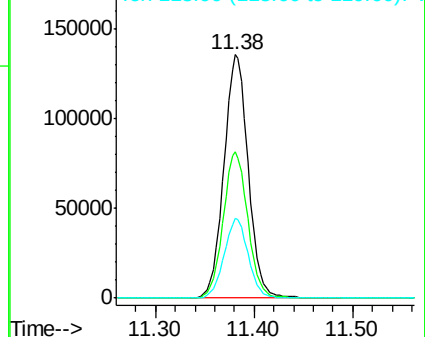
119 32.6 26.2 39.2

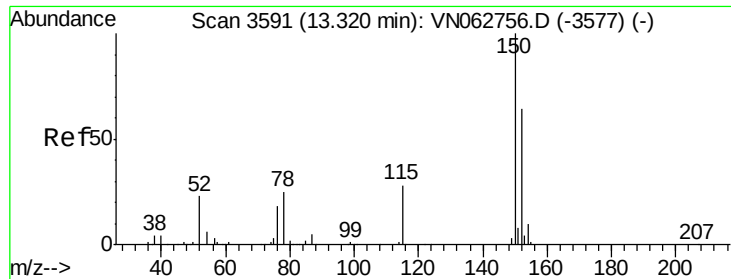


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062885.D

Acq: 13 Aug 2020 3:32

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#15

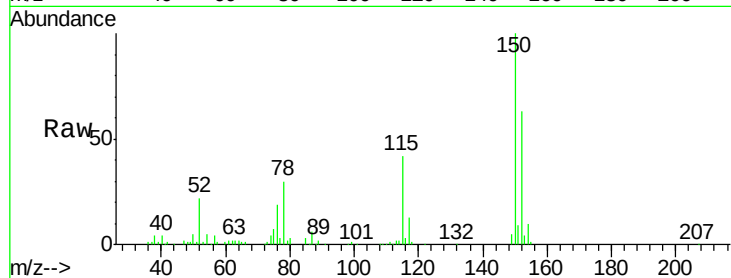
Tot Ion:152 Resp: 81158

Ion Ratio Lower Upper

152 100

115 64.1 31.6 94.8

150 158.8 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

