

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062887.D
 Acq On : 13 Aug 2020 4:20
 Operator : JC/MD
 Sample : PB130908ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#17

Quant Time: Aug 13 07:44:43 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

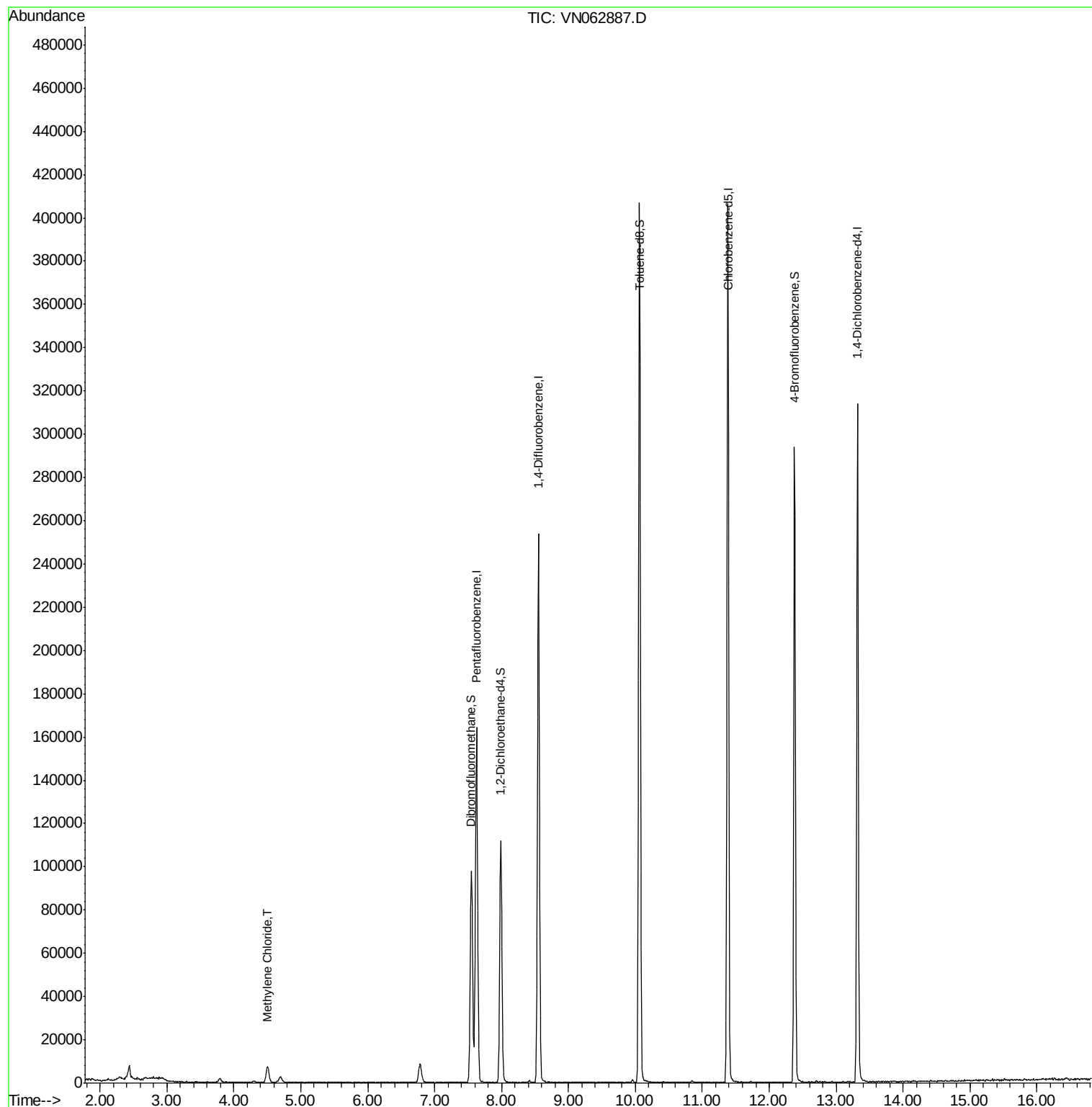
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	227724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104383	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.55	113	76028	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	10.06	98	279579	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.38	95	103360	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
20) Methylene Chloride	4.50	84	6153	3.866	ug/l	Qvalue 97

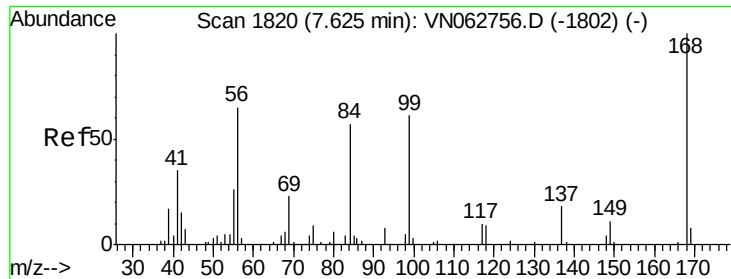
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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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: VN062887.D

Acq: 13 Aug 2020 4:20

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ClientSampleId :

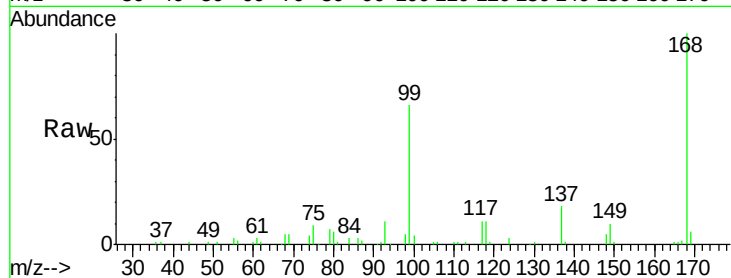
PB130908ZHE#17

Tot Ion:168 Resp: 123199

Ion Ratio Lower Upper

168 100

99 65.7 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

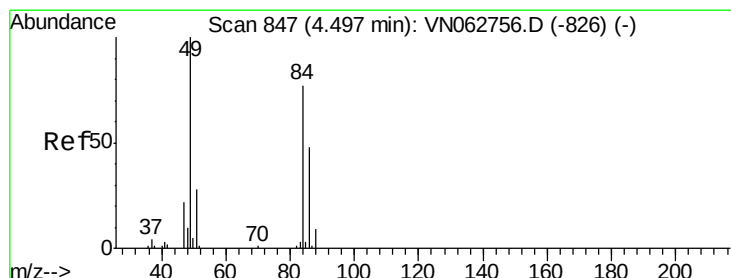
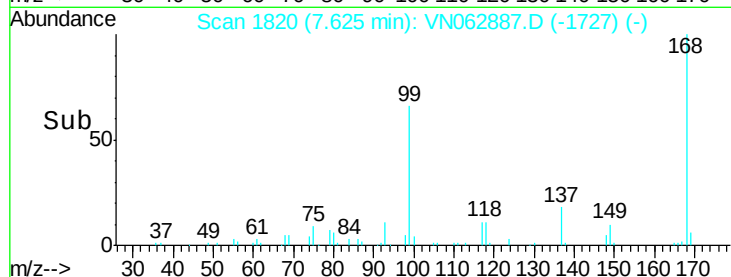
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#20

Methylene Chloride

Concen: 3.866 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062887.D

Acq: 13 Aug 2020 4:20

Tgt Ion: 84 Resp: 6153

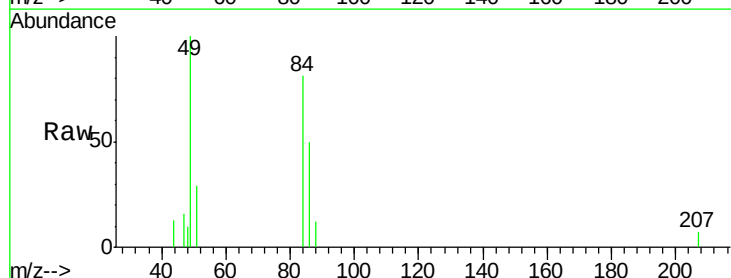
Ion Ratio Lower Upper

84 100

49 123.5 103.4 155.2

51 35.5 29.3 43.9

86 62.4 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

4.50

3000

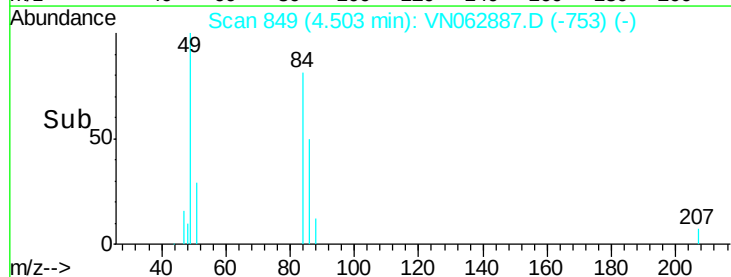
2000

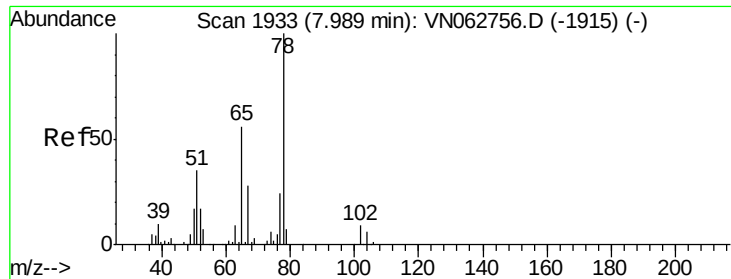
1000

0

Time-->

4.40 4.45 4.50 4.55 4.60

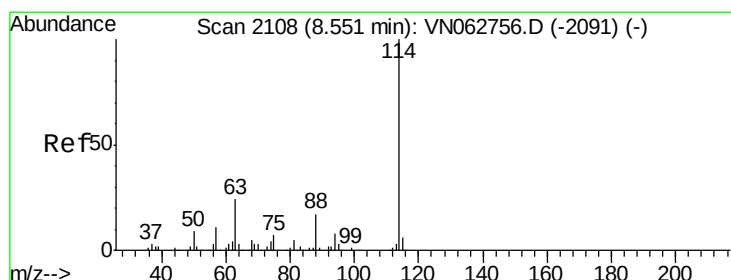
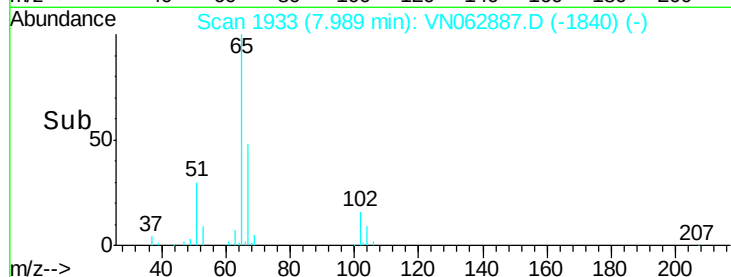
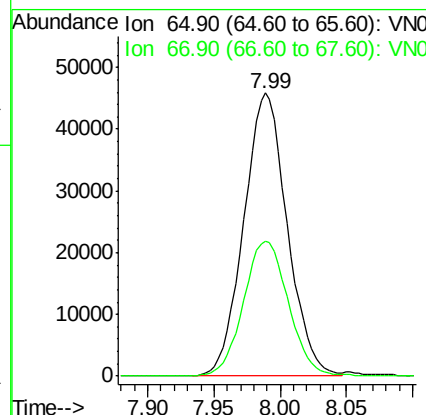
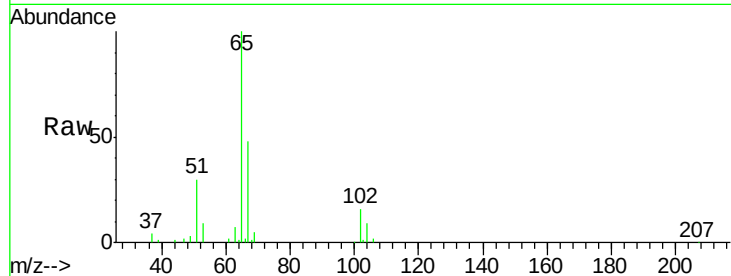




#33
 1,2-Dichloroethane-d4
 Concen: 51.235 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062887.D
 Acq: 13 Aug 2020 4:20

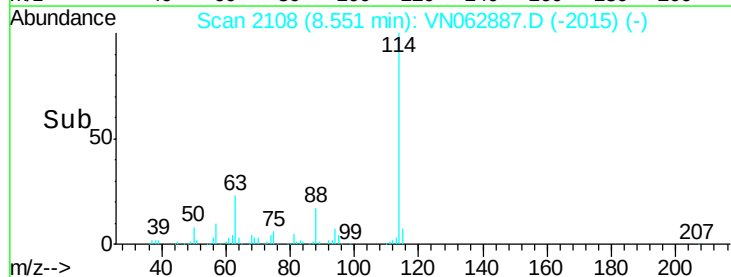
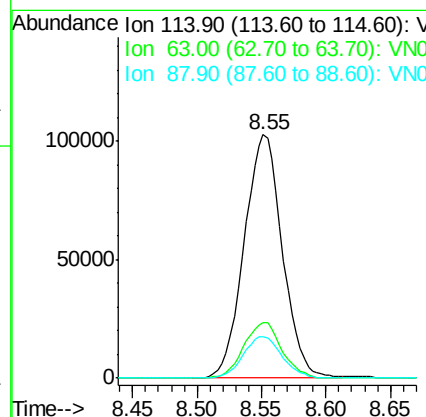
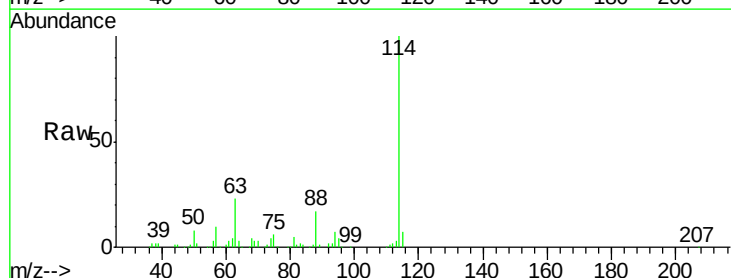
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#17

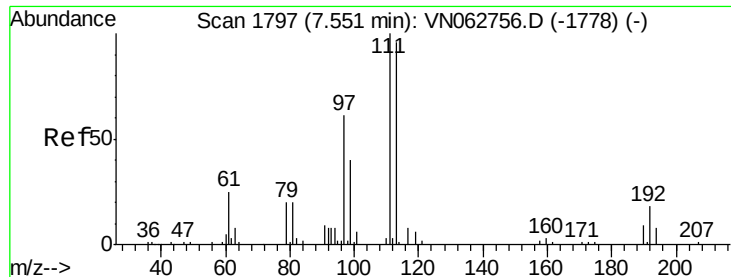
Tot Ion: 65 Resp: 104383
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062887.D
 Acq: 13 Aug 2020 4:20

Tgt Ion: 114 Resp: 211663
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.6
 88 17.0 0.0 34.4





#35

Dibromofluoromethane

Concen: 52.509 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062887.D

Acq: 13 Aug 2020 4:20

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#17

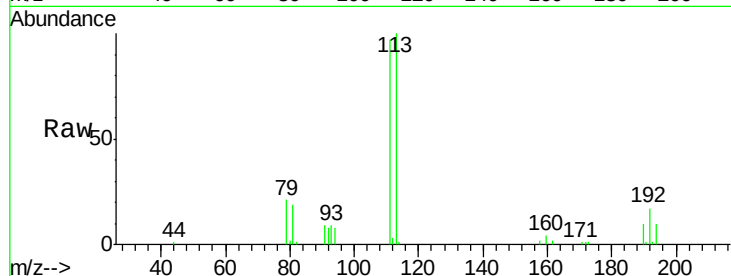
Tot Ion:113 Resp: 76028

Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.6

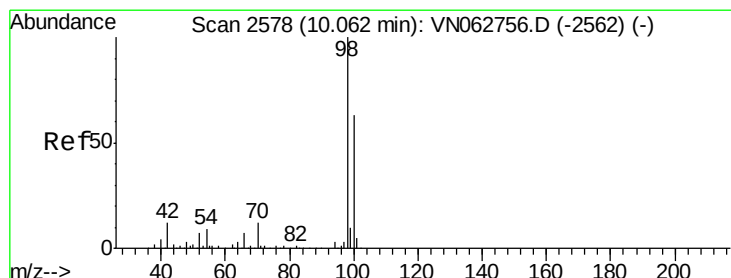
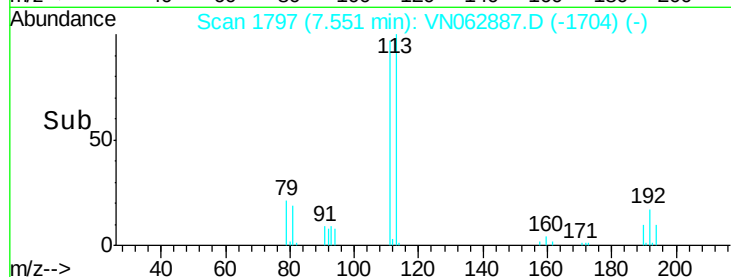
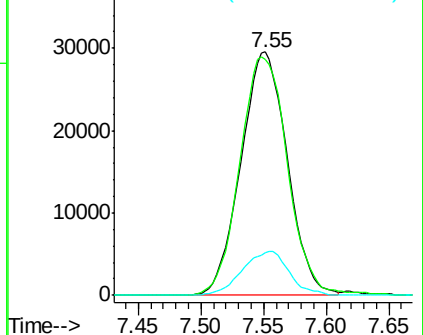
192 18.1 15.0 22.4



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: 49.459 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062887.D

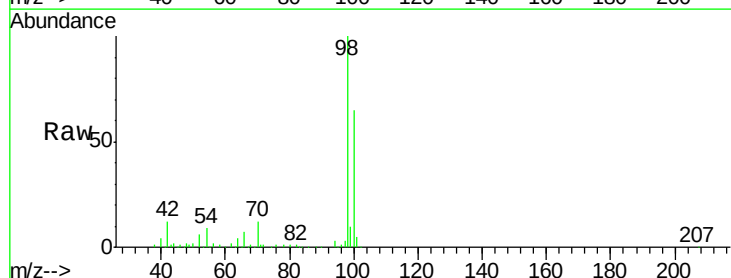
Acq: 13 Aug 2020 4:20

Tgt Ion: 98 Resp: 279579

Ion Ratio Lower Upper

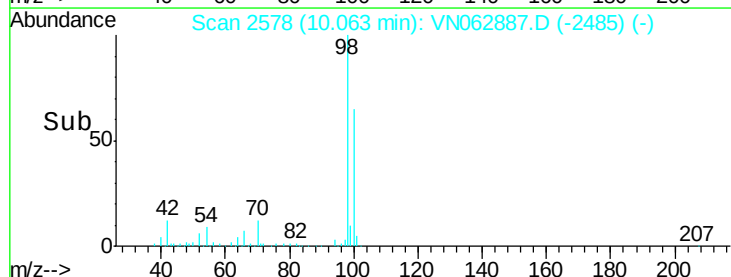
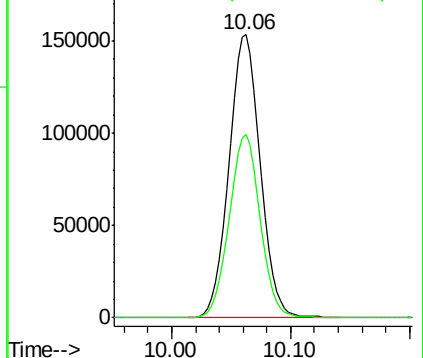
98 100

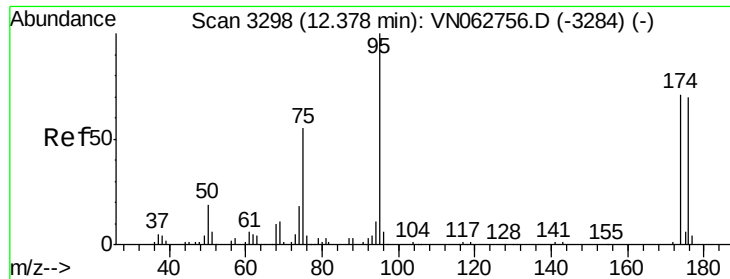
100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.386 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062887.D

Acq: 13 Aug 2020 4:20

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PB130908ZHE#17

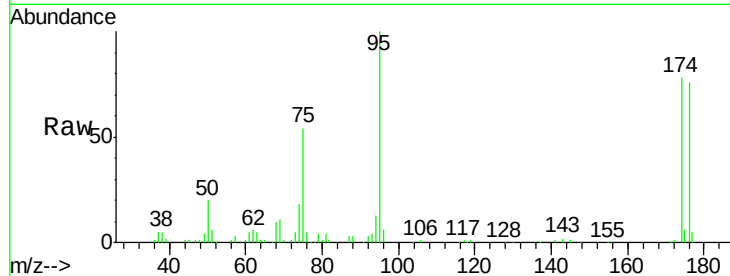
Tot Ion: 95 Resp: 103360

Ion Ratio Lower Upper

95 100

174 78.3 0.0 144.8

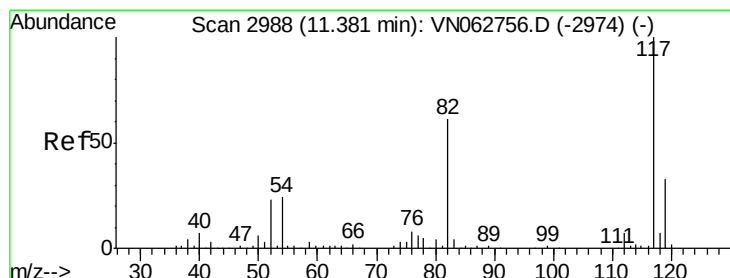
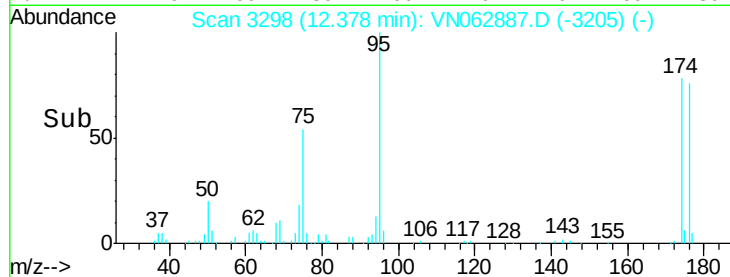
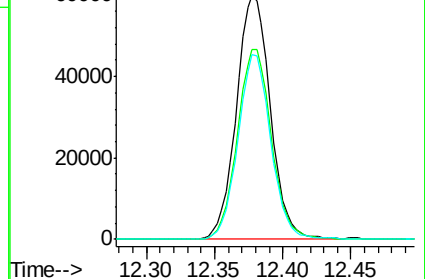
176 73.7 0.0 142.2



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: VN062887.D

Acq: 13 Aug 2020 4:20

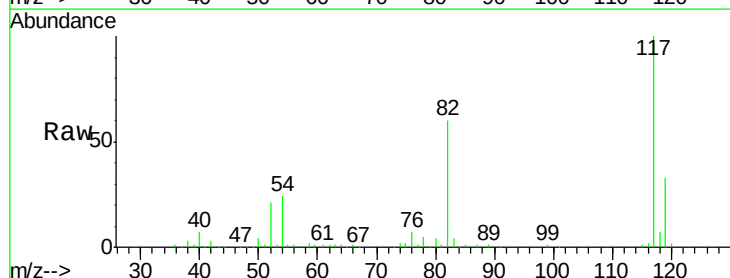
Tgt Ion: 117 Resp: 227724

Ion Ratio Lower Upper

117 100

82 60.3 49.0 73.4

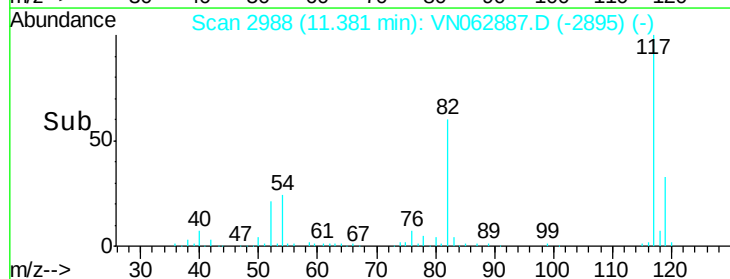
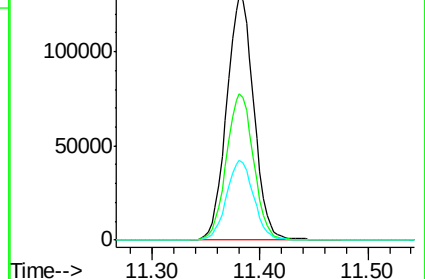
119 32.8 26.2 39.2

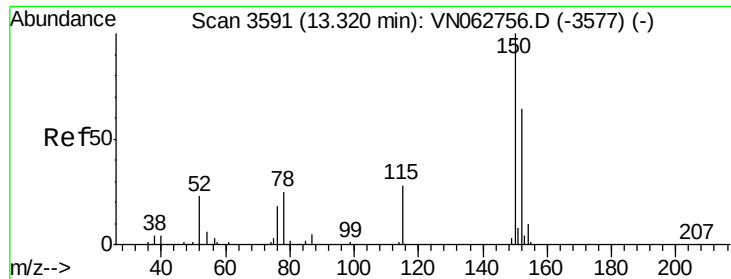


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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: VN062887.D

Acq: 13 Aug 2020 4:20

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#17

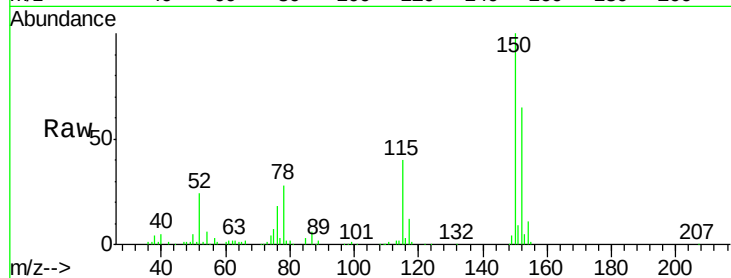
Tot Ion:152 Resp: 82480

Ion Ratio Lower Upper

152 100

115 64.4 31.6 94.8

150 159.9 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

