

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062884.D
 Acq On : 13 Aug 2020 3:07
 Operator : JC/MD
 Sample : PB130908ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#14

Quant Time: Aug 13 07:22:33 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

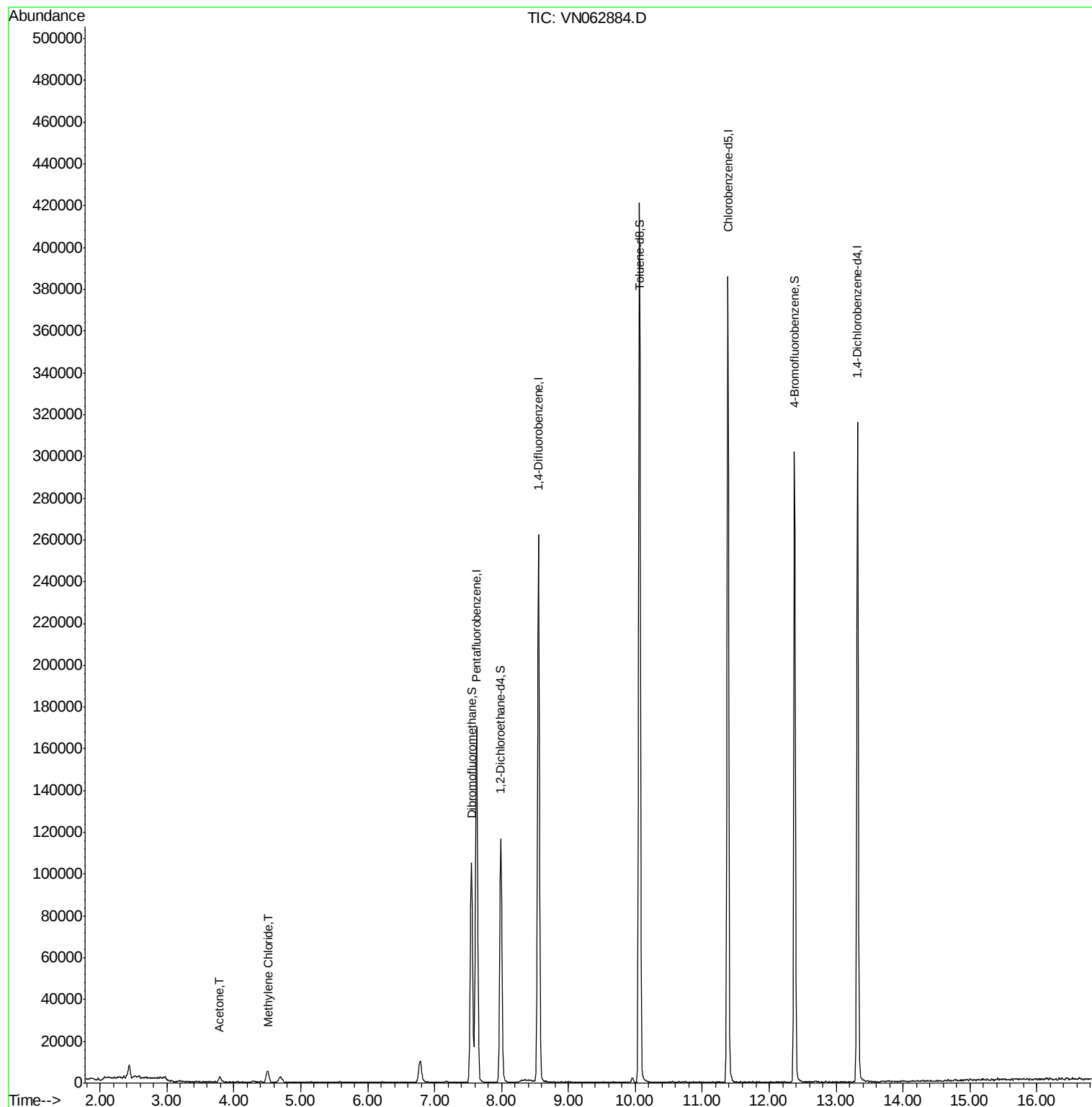
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	222854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109678	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	7.55	113	79619	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.06	98	290617	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.38	95	106342	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
16) Acetone	3.78	43	4284	5.541	ug/l	93
20) Methylene Chloride	4.50	84	4395	2.382	ug/l	86

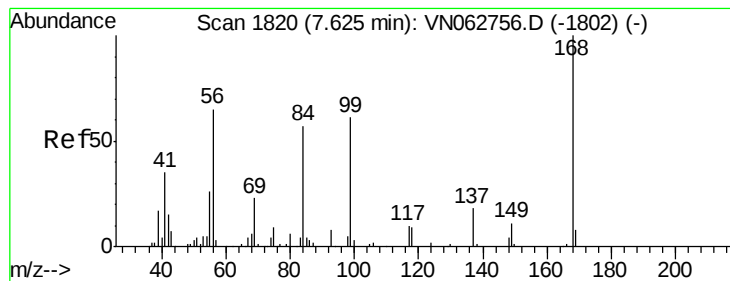
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062884.D

Acq: 13 Aug 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

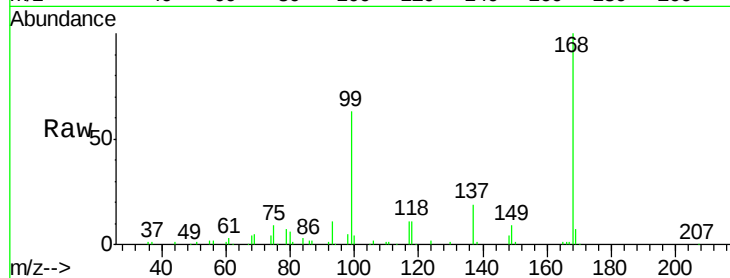
PB130908ZHE#14

Tot Ion:168 Resp: 129384

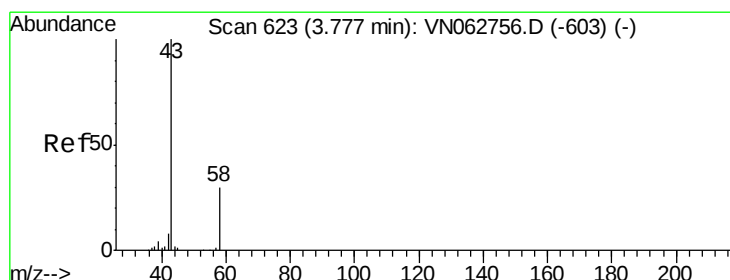
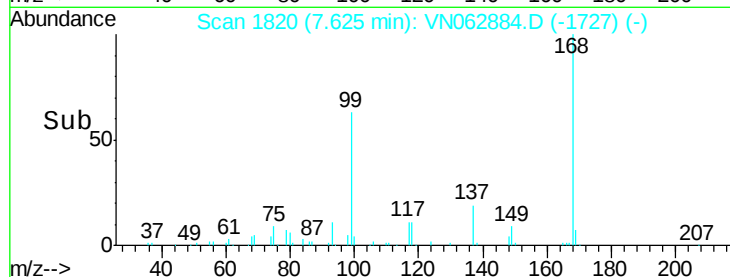
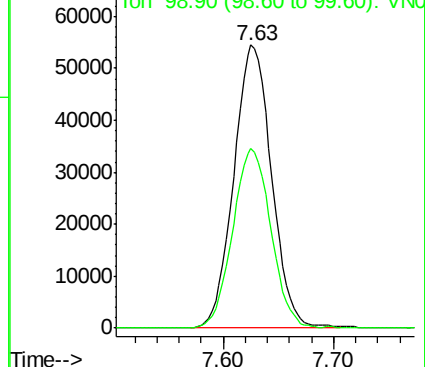
Ion Ratio Lower Upper

168 100

99 63.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)



#16

Acetone

Concen: 5.541 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062884.D

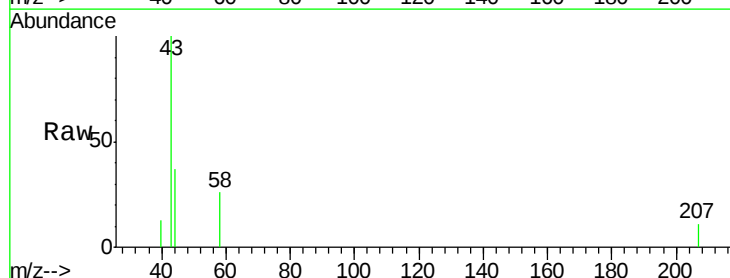
Acq: 13 Aug 2020 3:07

Tgt Ion: 43 Resp: 4284

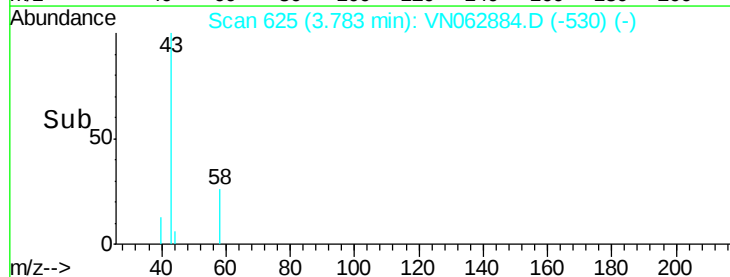
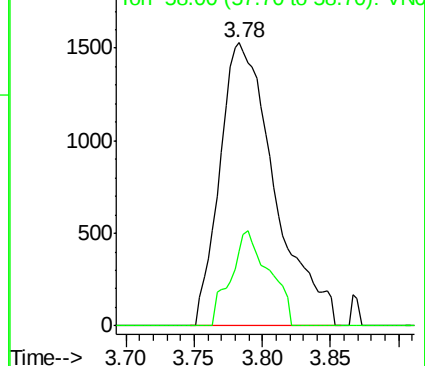
Ion Ratio Lower Upper

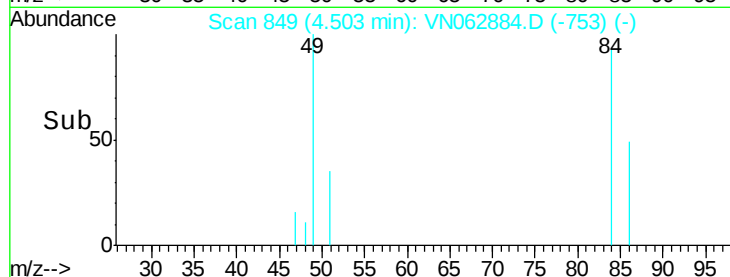
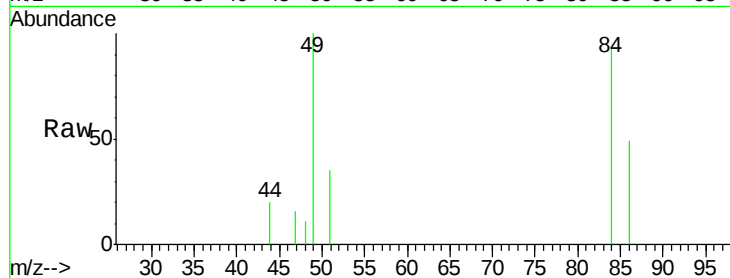
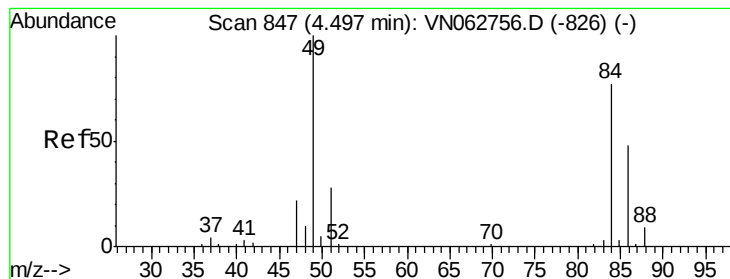
43 100

58 26.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-603) (-)





#20

Methylene Chloride

Concen: 2.382 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062884.D

Acq: 13 Aug 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#14

Tot Ion: 84 Resp: 4395

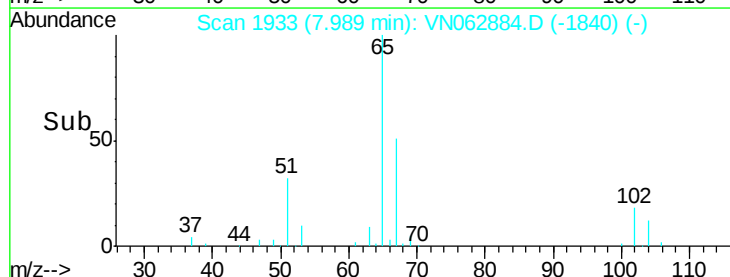
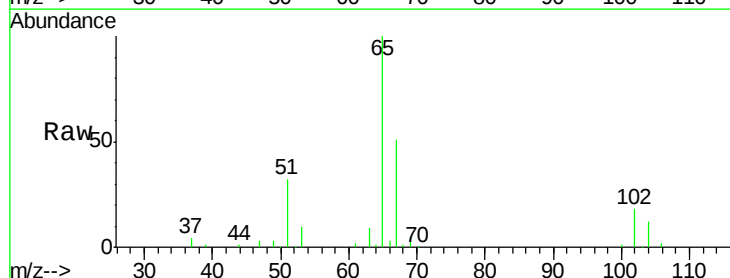
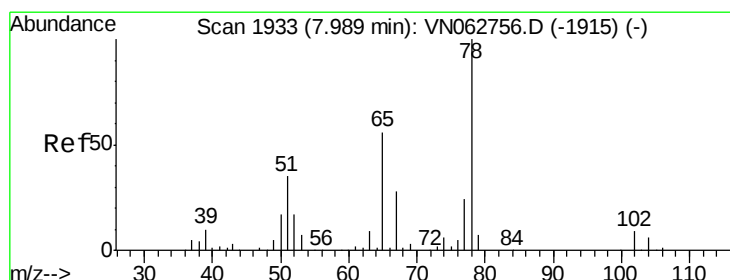
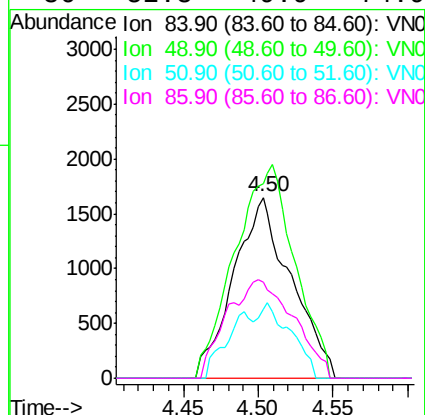
Ion Ratio Lower Upper

84 100

49 107.8 103.4 155.2

51 38.1 29.3 43.9

86 52.8 49.9 74.9



#33

1,2-Dichloroethane-d4

Concen: 51.261 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062884.D

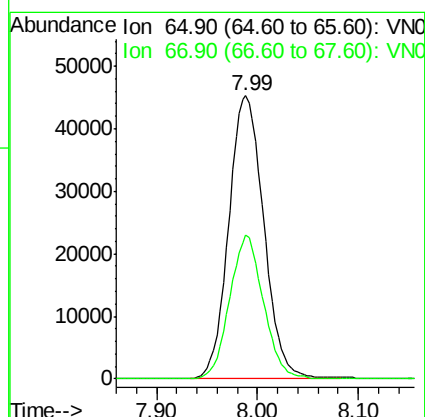
Acq: 13 Aug 2020 3:07

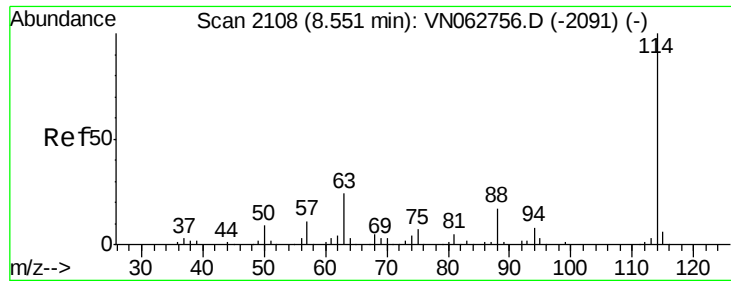
Tgt Ion: 65 Resp: 109678

Ion Ratio Lower Upper

65 100

67 48.8 0.0 101.4

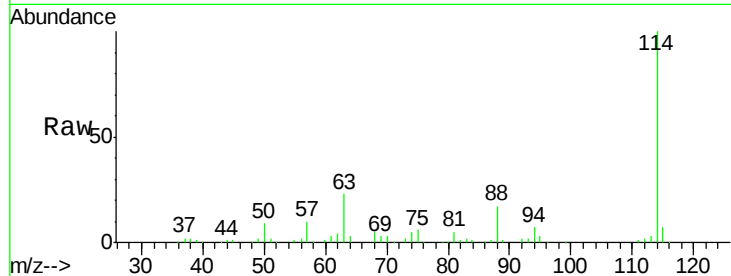




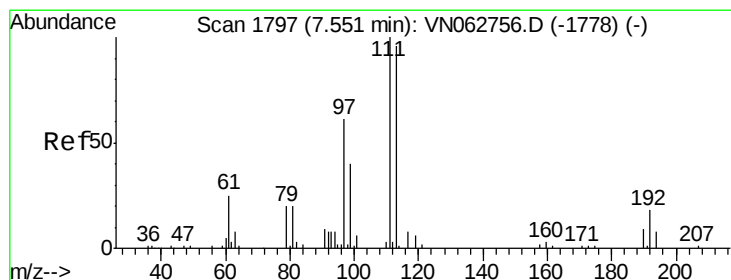
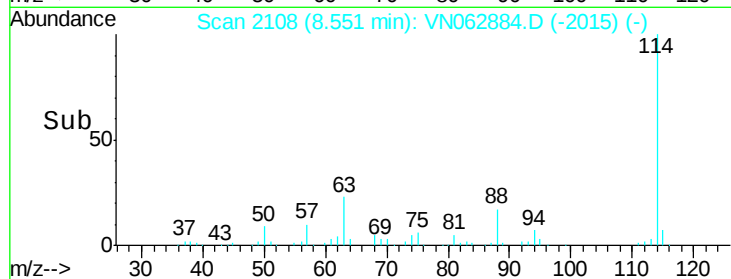
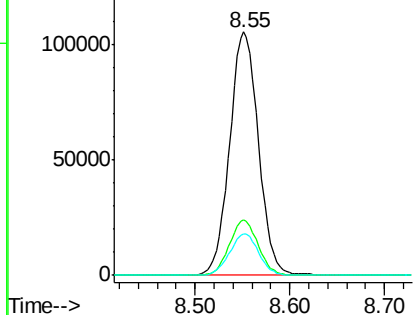
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062884.D
Acq: 13 Aug 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#14

Tot Ion:114 Resp: 222854
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.6
88 17.0 0.0 34.4

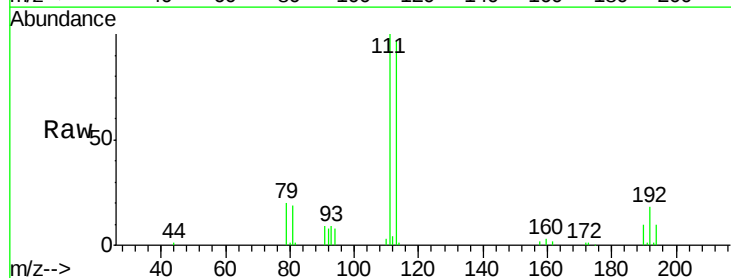


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

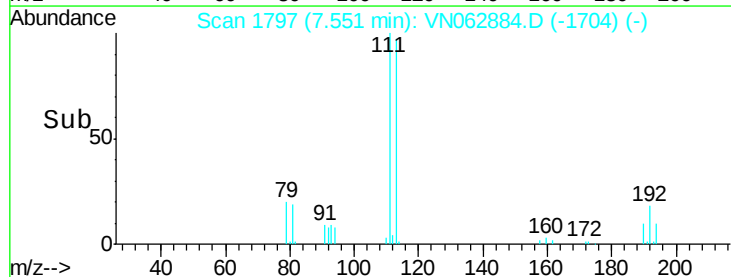
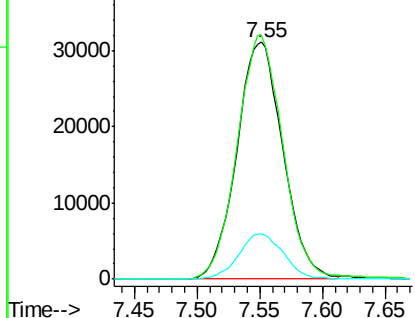


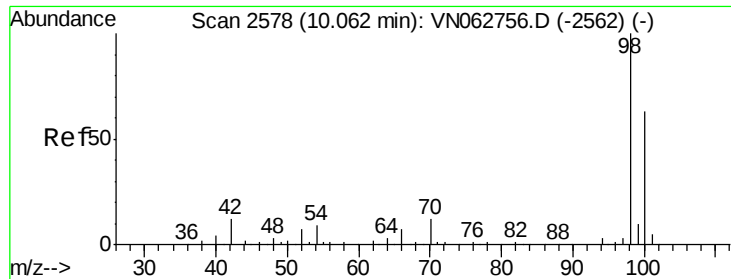
#35
Dibromofluoromethane
Concen: 52.228 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062884.D
Acq: 13 Aug 2020 3:07

Tgt Ion:113 Resp: 79619
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 18.6 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: 48.830 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062884.D

Acq: 13 Aug 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

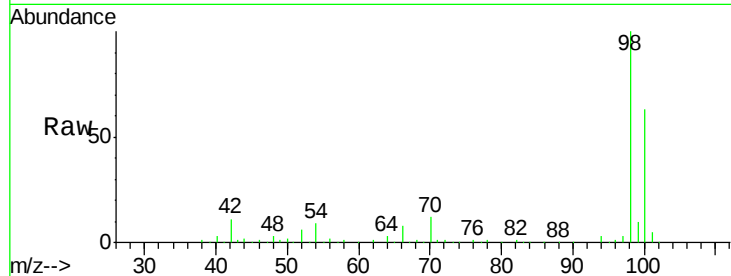
PB130908ZHE#14

Tot Ion: 98 Resp: 290617

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

150000

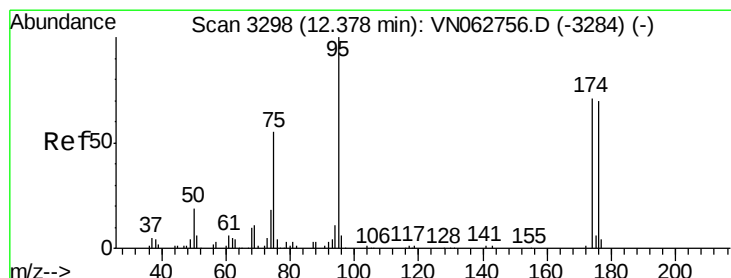
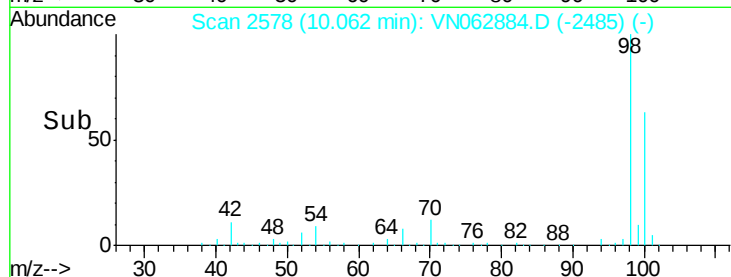
100000

50000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 47.282 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062884.D

Acq: 13 Aug 2020 3:07

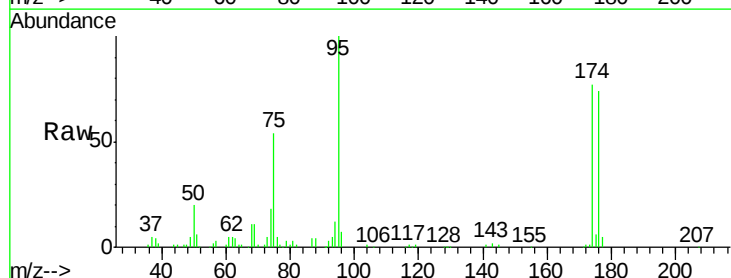
Tgt Ion: 95 Resp: 106342

Ion Ratio Lower Upper

95 100

174 76.0 0.0 144.8

176 72.7 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) (-)

12.38

80000

60000

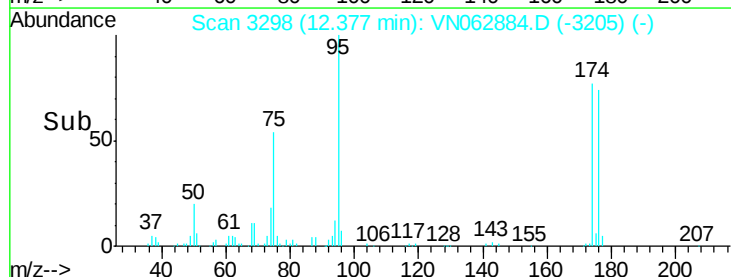
40000

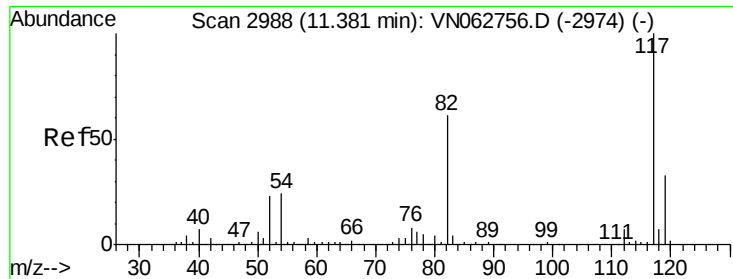
20000

0

Time-->

12.30 12.40





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062884.D

Acq: 13 Aug 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#14

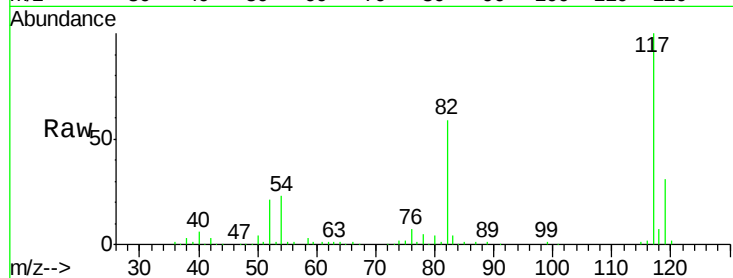
Tot Ion:117 Resp: 221363

Ion Ratio Lower Upper

117 100

82 58.8 49.0 73.4

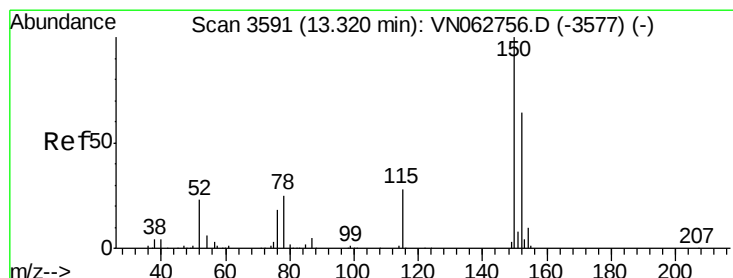
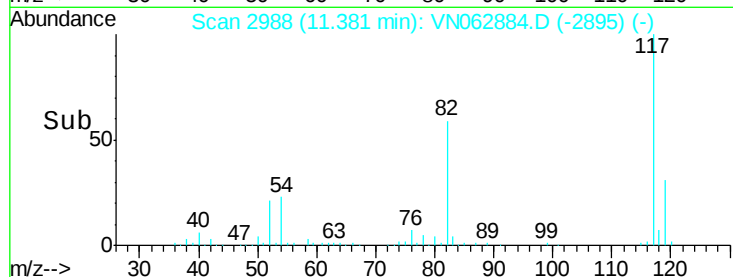
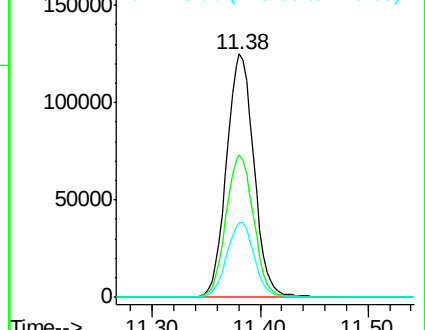
119 30.6 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062884.D

Acq: 13 Aug 2020 3:07

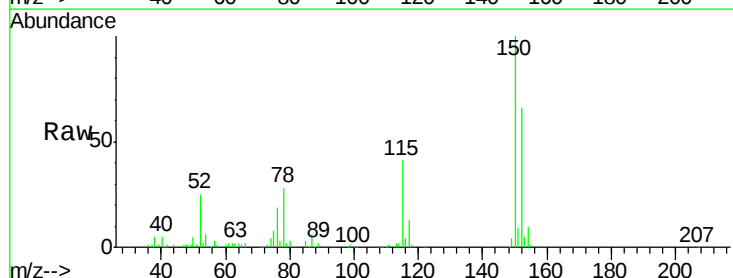
Tgt Ion:152 Resp: 85629

Ion Ratio Lower Upper

152 100

115 63.8 31.6 94.8

150 154.4 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

