

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062898.D
 Acq On : 13 Aug 2020 8:47
 Operator : JC/MD
 Sample : L3648-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-9

Quant Time: Aug 13 10:46:07 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

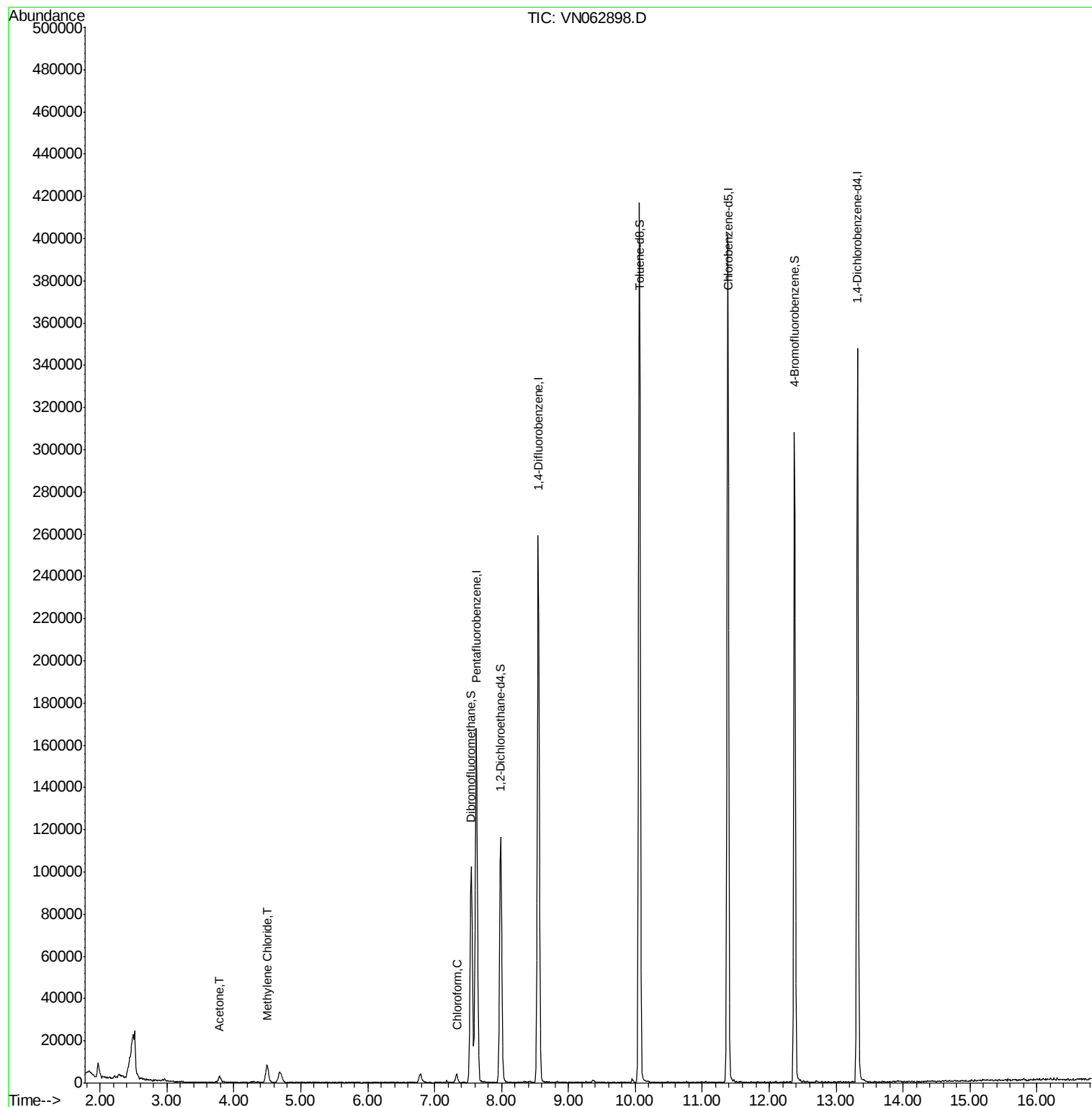
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	126561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	223380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	93402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109696	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	7.55	113	76707	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.06	98	286808	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.38	95	106623	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
16) Acetone	3.79	43	4302	5.689	ug/l	94
20) Methylene Chloride	4.50	84	6958	4.333	ug/l #	84
30) Chloroform	7.33	83	4483	1.526	ug/l	87

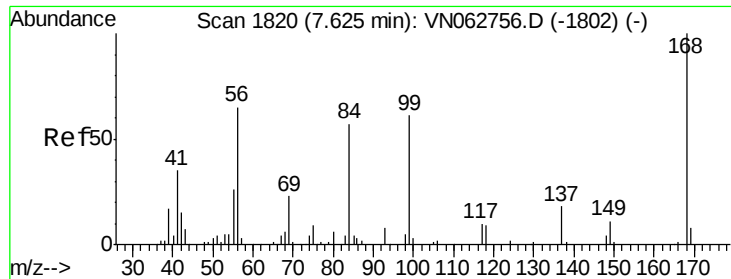
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062898.D

Acq: 13 Aug 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

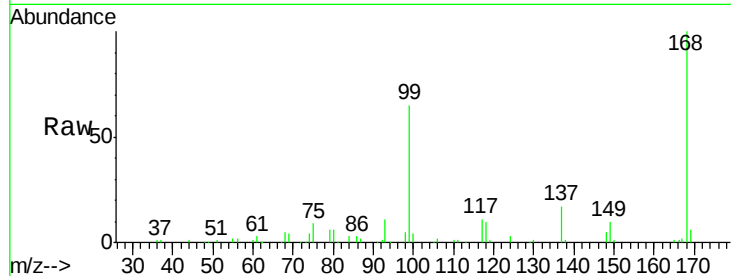
BS-STOCK-9

Tot Ion:168 Resp: 126561

Ion Ratio Lower Upper

168 100

99 65.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

60000

50000

40000

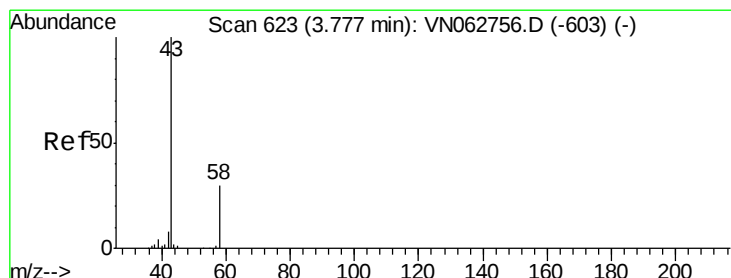
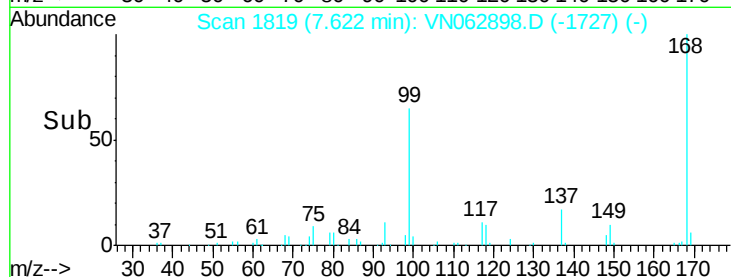
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 5.689 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062898.D

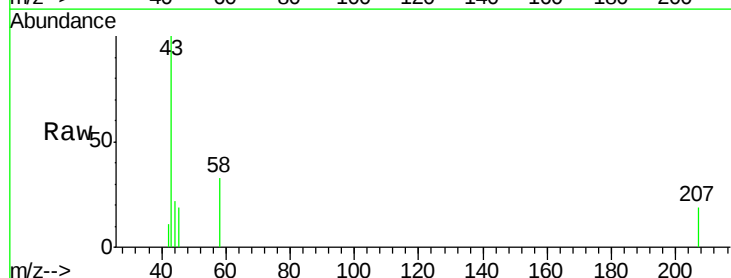
Acq: 13 Aug 2020 8:47

Tgt Ion: 43 Resp: 4302

Ion Ratio Lower Upper

43 100

58 33.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

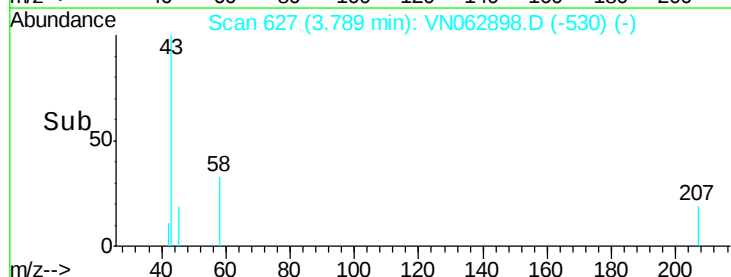
1500

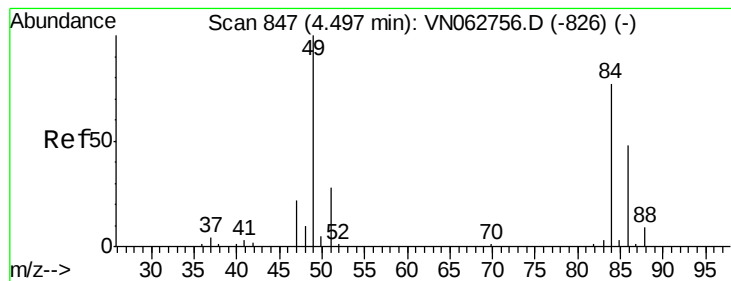
1000

500

0

Time--> 3.75 3.80 3.85





#20

Methvlene Chloride

Concen: 4.333 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062898.D

Acq: 13 Aug 2020 8:47

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-9

Tot Ion: 84 Resp: 6958

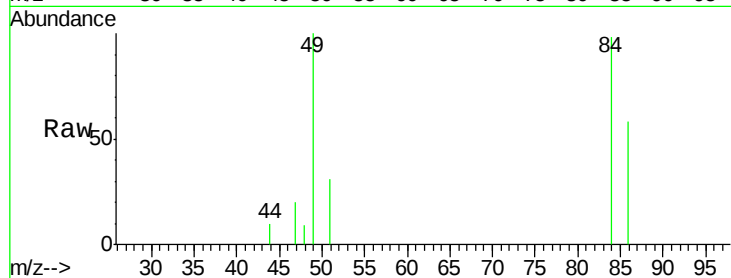
Ion Ratio Lower Upper

84 100

49 102.1 103.4 155.2#

51 31.1 29.3 43.9

86 59.3 49.9 74.9

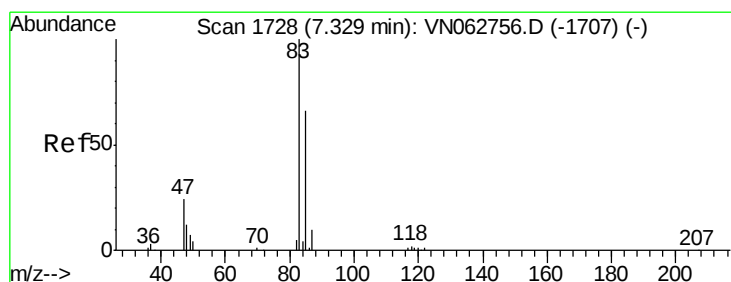
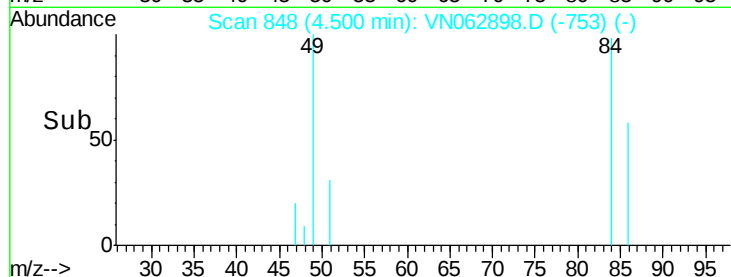
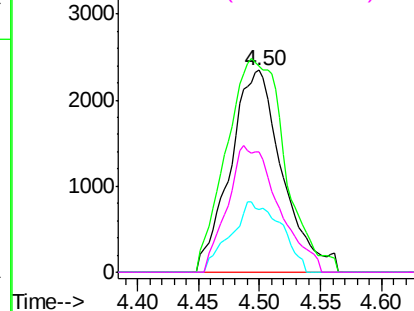


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#30

Chloroform

Concen: 1.526 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062898.D

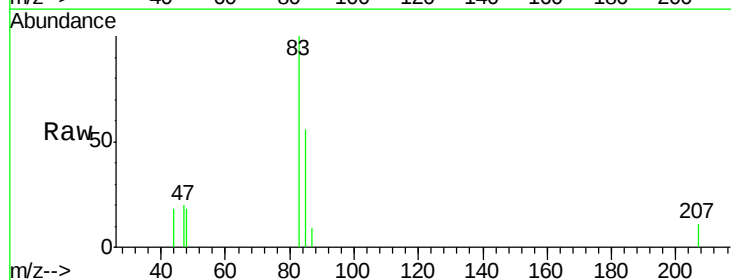
Acq: 13 Aug 2020 8:47

Tgt Ion: 83 Resp: 4483

Ion Ratio Lower Upper

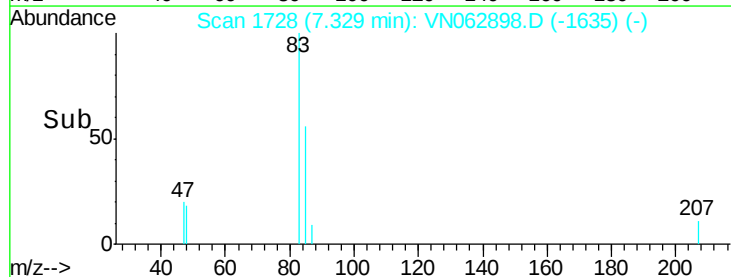
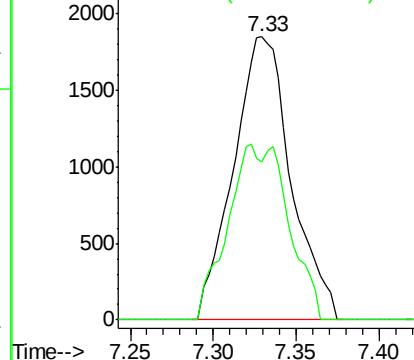
83 100

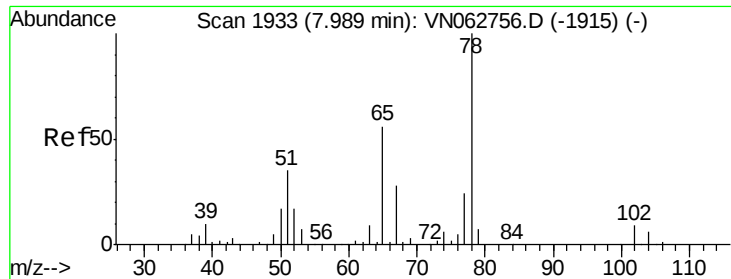
85 55.8 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.413 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062898.D

Acq: 13 Aug 2020 8:47

Instrument :

MSVOA_N

ClientSampled :

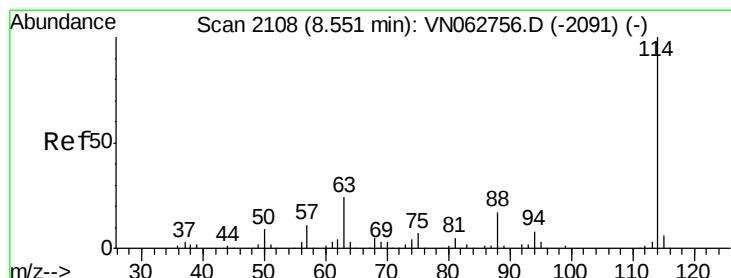
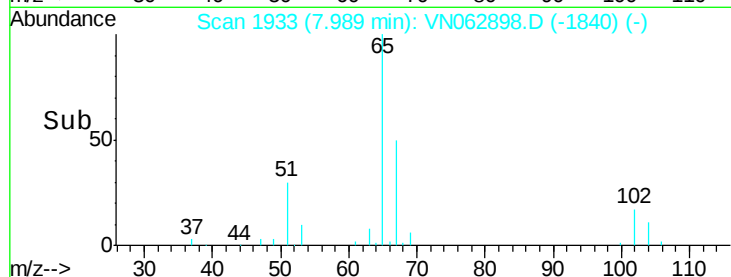
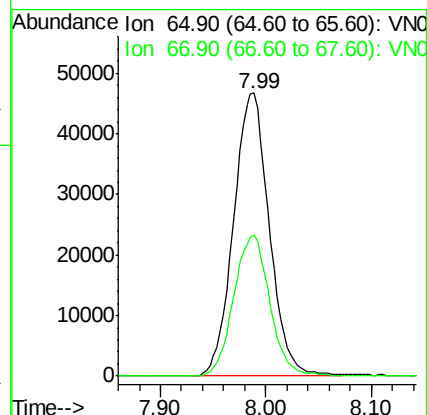
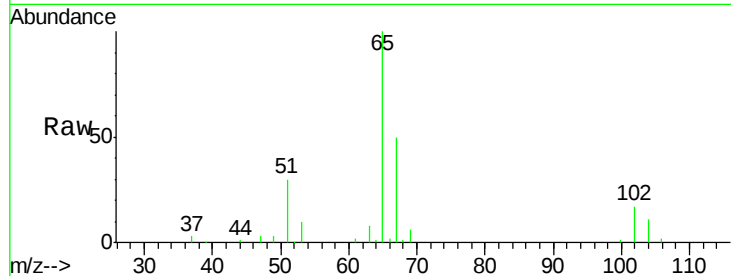
BS-STOCK-9

Tot Ion: 65 Resp: 109696

Ion Ratio Lower Upper

65 100

67 50.1 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: VN062898.D

Acq: 13 Aug 2020 8:47

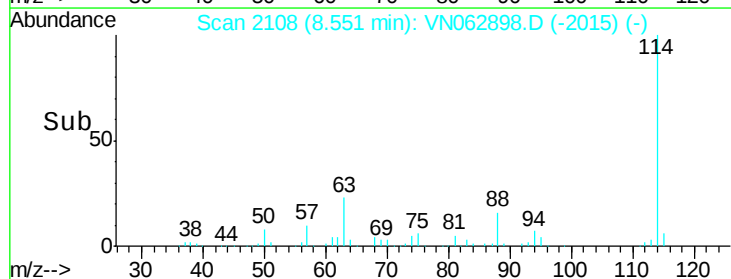
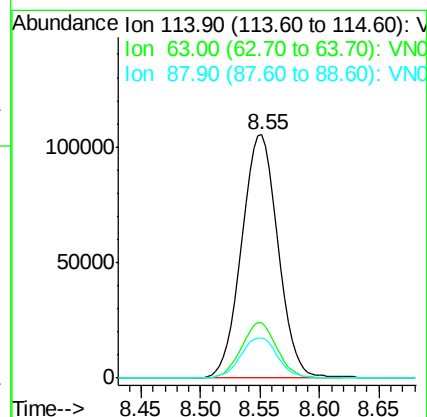
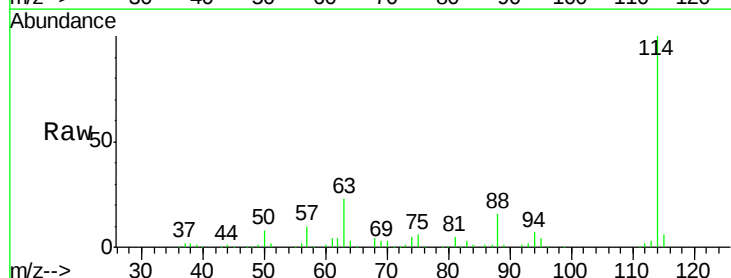
Tgt Ion: 114 Resp: 223380

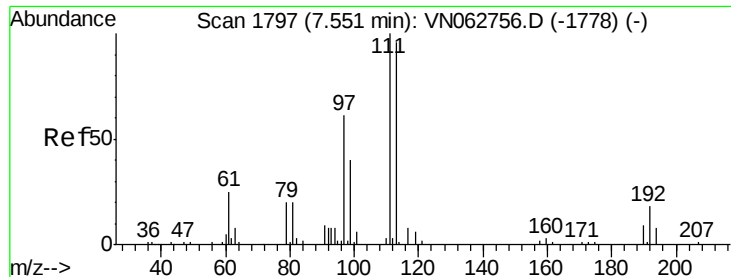
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

88 16.5 0.0 34.4

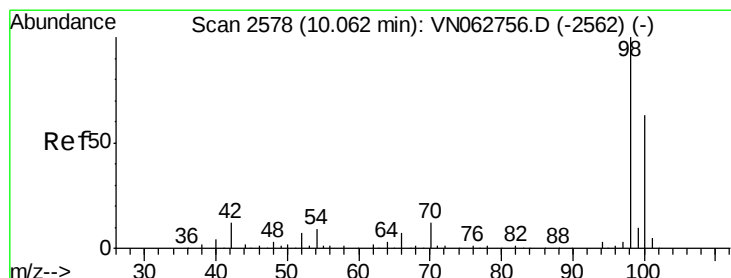
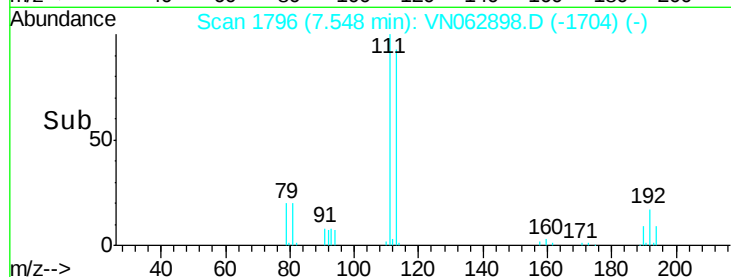
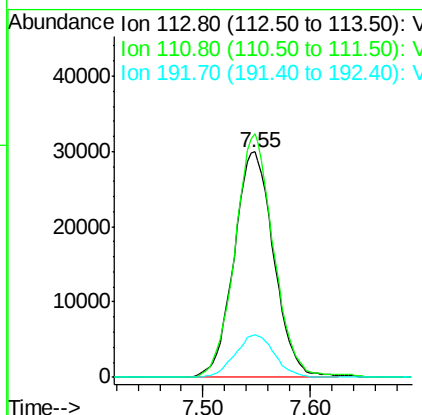
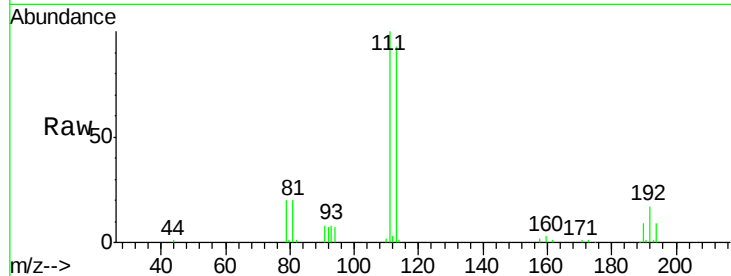




#35
Dibromofluoromethane
Concen: 50.199 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062898.D
Acq: 13 Aug 2020 8:47

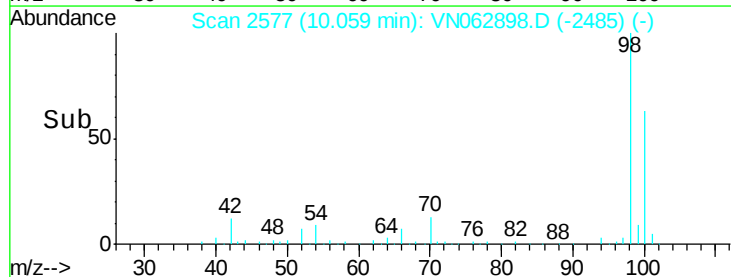
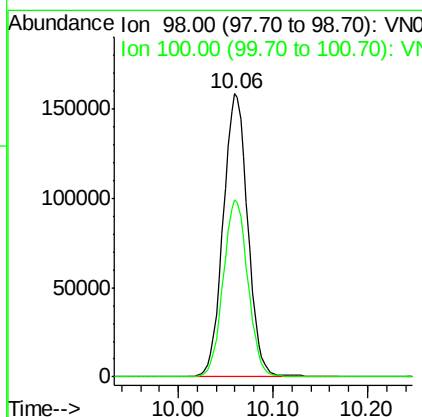
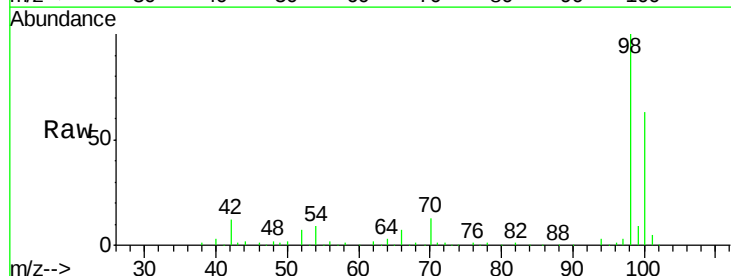
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-9

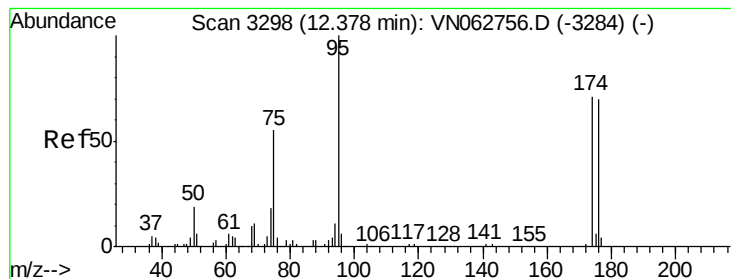
Tot Ion:113 Resp: 76707
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.6
192 18.7 15.0 22.4



#50
Toluene-d8
Concen: 48.077 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062898.D
Acq: 13 Aug 2020 8:47

Tgt Ion: 98 Resp: 286808
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.295 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062898.D

Acq: 13 Aug 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-9

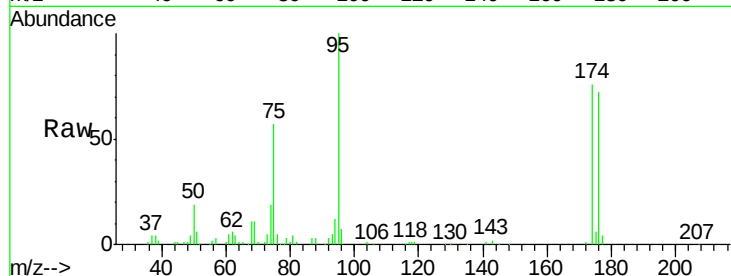
Tot Ion: 95 Resp: 106623

Ion Ratio Lower Upper

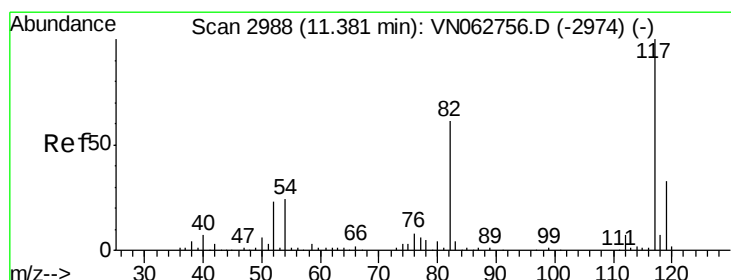
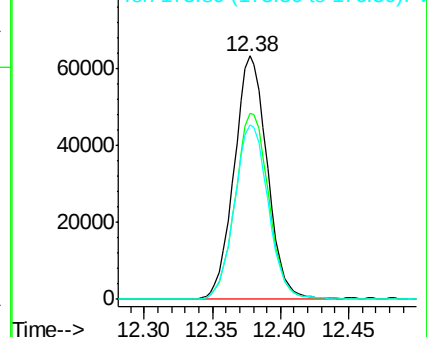
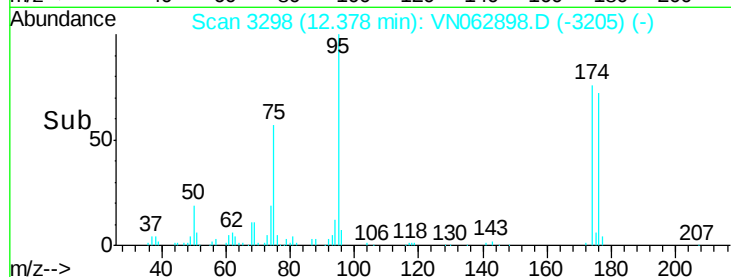
95 100

174 77.6 0.0 144.8

176 73.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062898.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062898.D

Acq: 13 Aug 2020 8:47

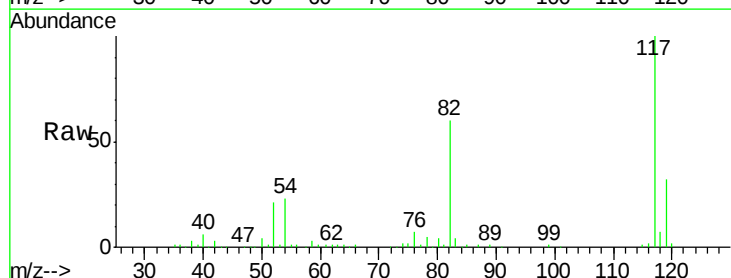
Tgt Ion: 117 Resp: 221626

Ion Ratio Lower Upper

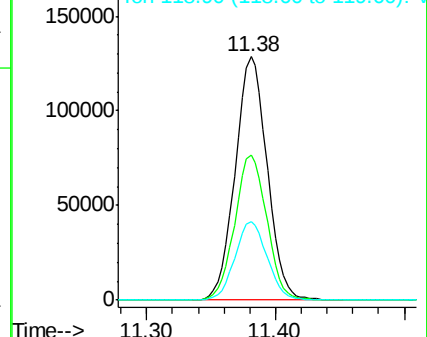
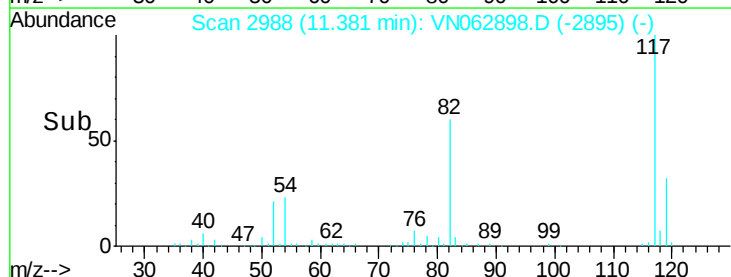
117 100

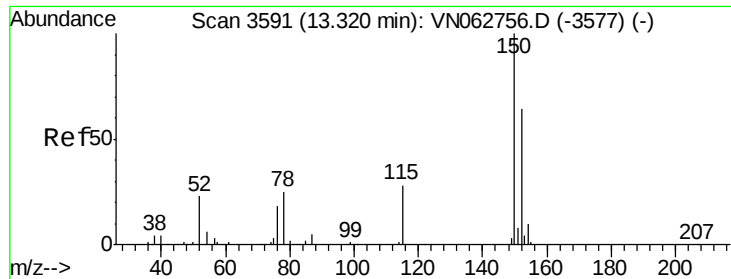
82 59.6 49.0 73.4

119 32.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062898.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062898.D

Acq: 13 Aug 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-9

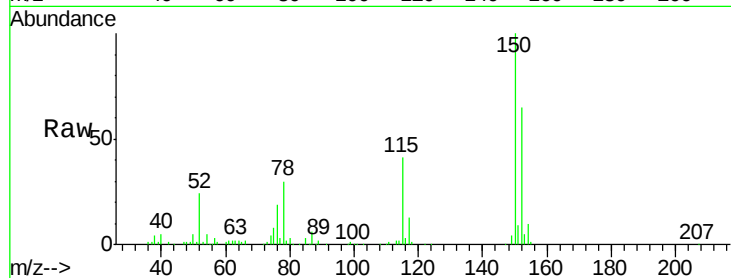
Tot Ion:152 Resp: 93402

Ion Ratio Lower Upper

152 100

115 63.8 31.6 94.8

150 154.2 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

