

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062897.D
 Acq On : 13 Aug 2020 8:23
 Operator : JC/MD
 Sample : L3648-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-8

Quant Time: Aug 13 08:45:03 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

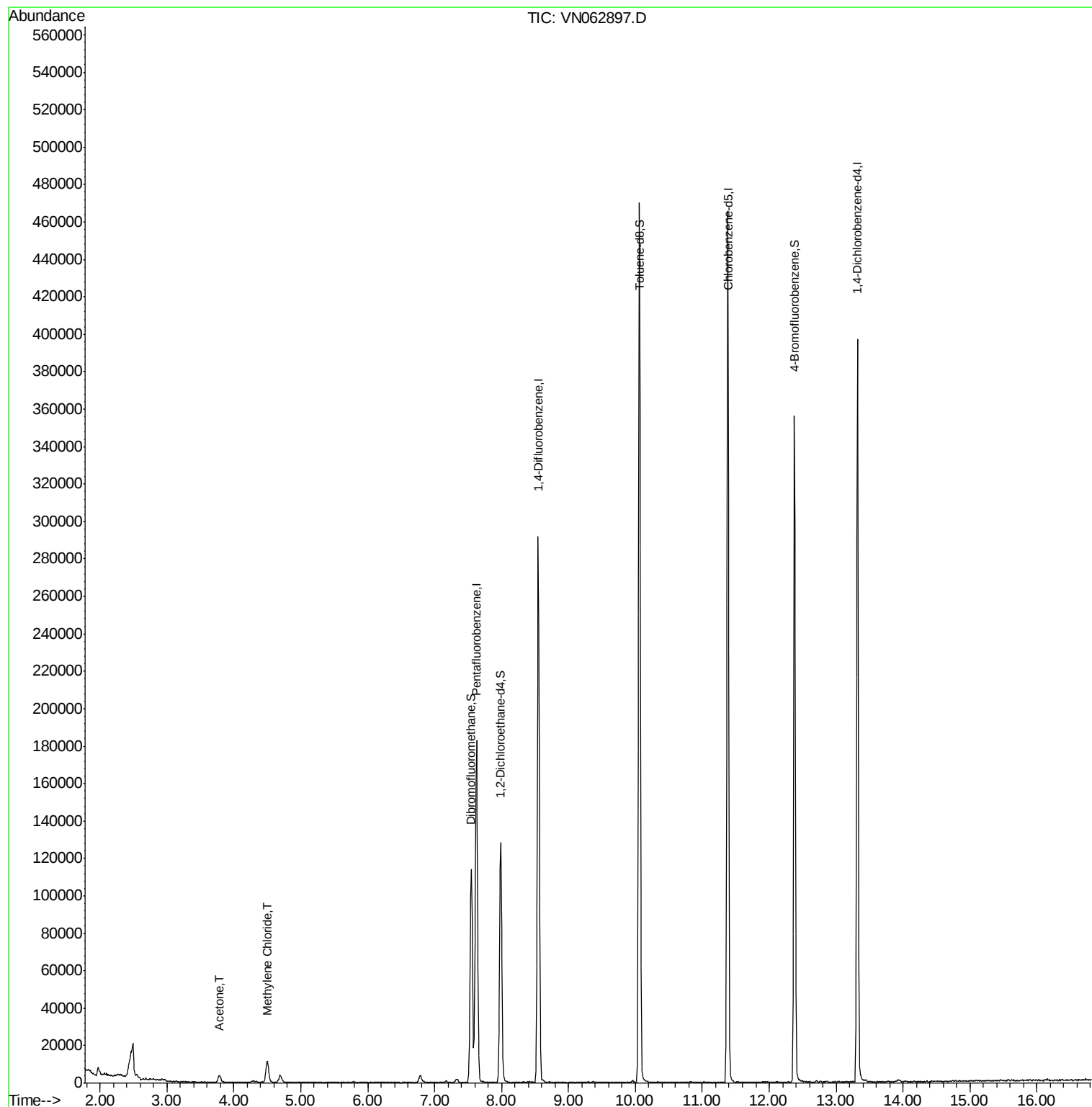
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	255922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	103866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	119269	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	7.55	113	87286	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.06	98	327117	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	124168	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
Target Compounds						
16) Acetone	3.78	43	5746	6.931	ug/l	96
20) Methylene Chloride	4.50	84	9258	5.424	ug/l	89

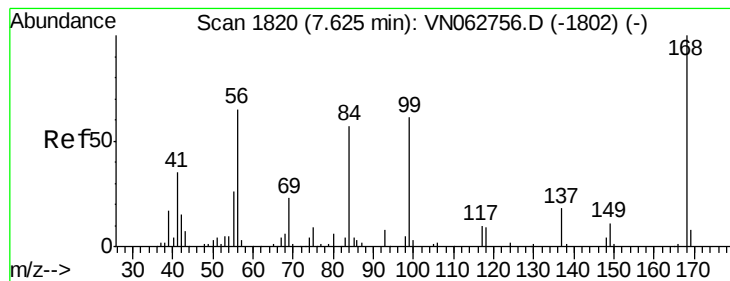
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062897.D

Acq: 13 Aug 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

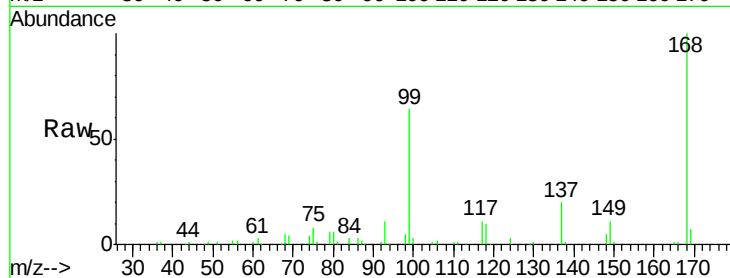
BS-STOCK-8

Tot Ion:168 Resp: 138746

Ion Ratio Lower Upper

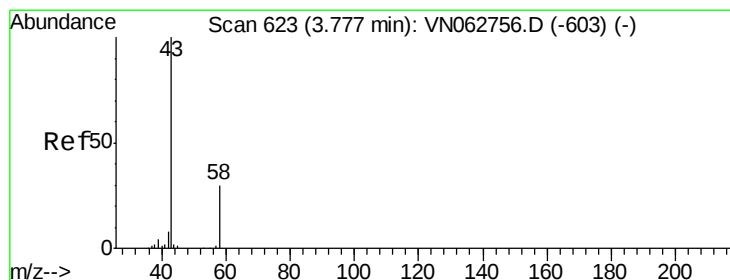
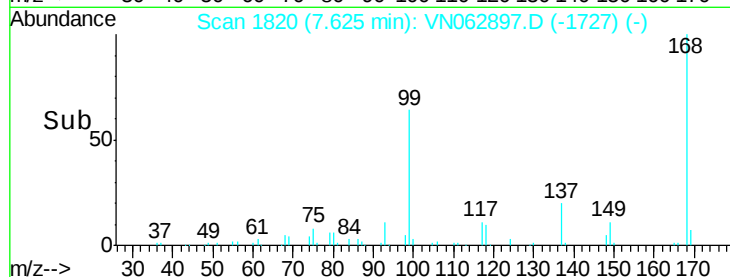
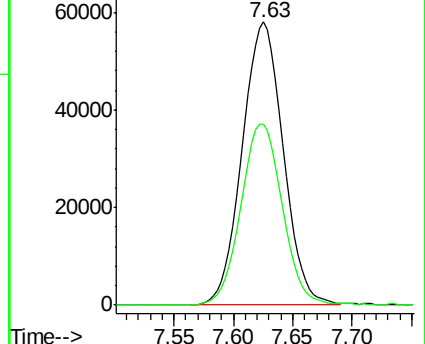
168 100

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): VN0



#16

Acetone

Concen: 6.931 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062897.D

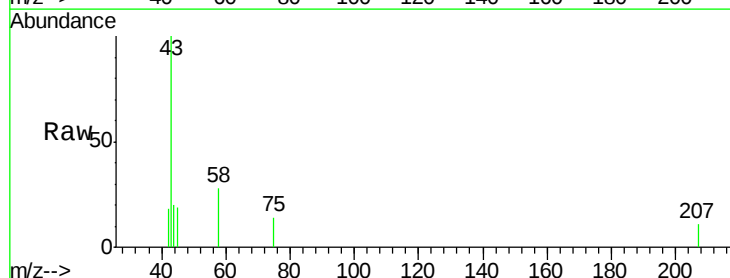
Acq: 13 Aug 2020 8:23

Tgt Ion: 43 Resp: 5746

Ion Ratio Lower Upper

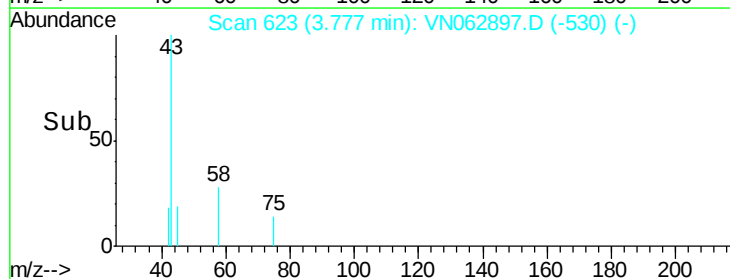
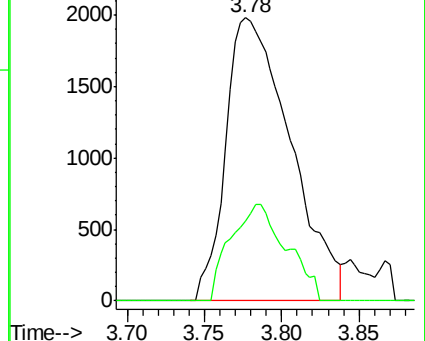
43 100

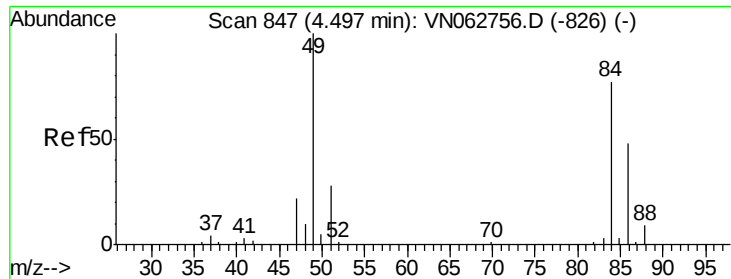
58 28.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

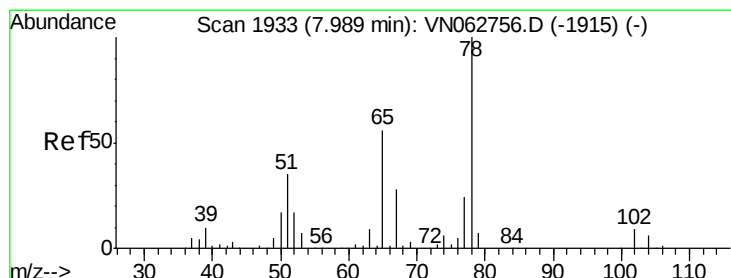
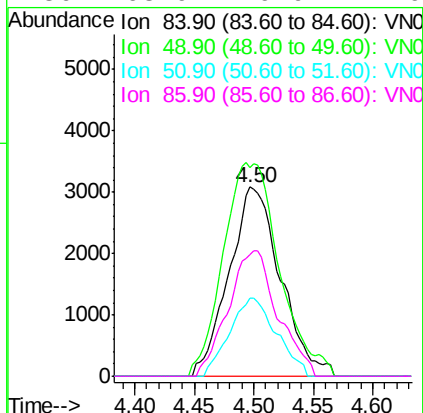
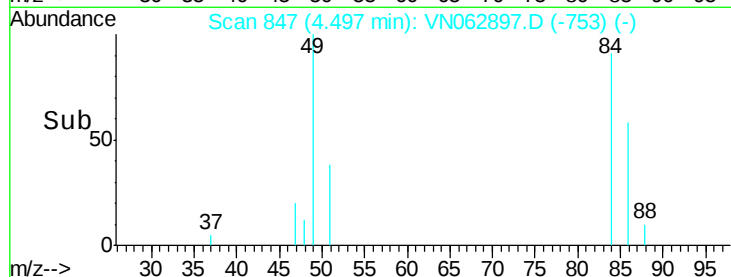
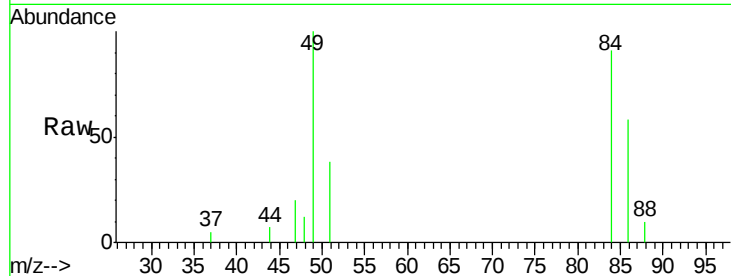




#20
Methvlene Chloride
Concen: 5.424 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062897.D
Acq: 13 Aug 2020 8:23

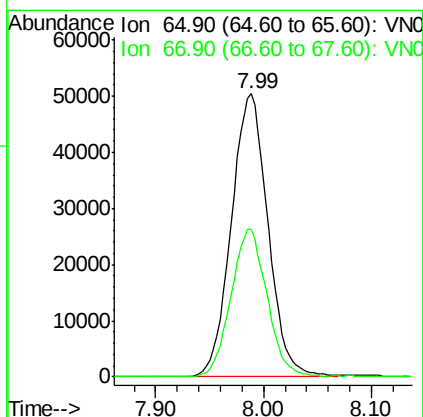
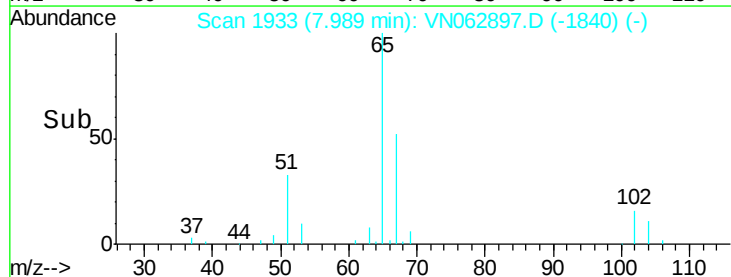
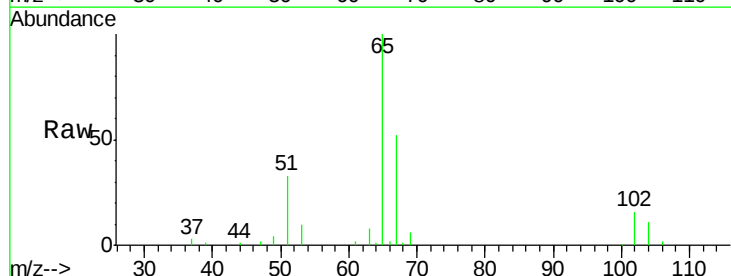
Instrument :
MSVOA_N
ClientSampled :
BS-STOCK-8

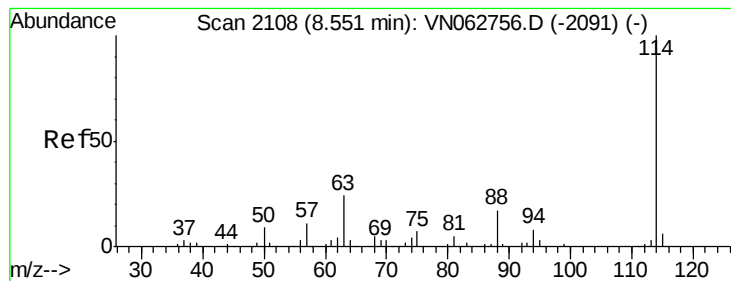
Tot Ion: 84 Resp: 9258
Ion Ratio Lower Upper
84 100
49 109.9 103.4 155.2
51 41.3 29.3 43.9
86 63.9 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 51.982 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062897.D
Acq: 13 Aug 2020 8:23

Tgt Ion: 65 Resp: 119269
Ion Ratio Lower Upper
65 100
67 51.3 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: VN062897.D

Acq: 13 Aug 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-8

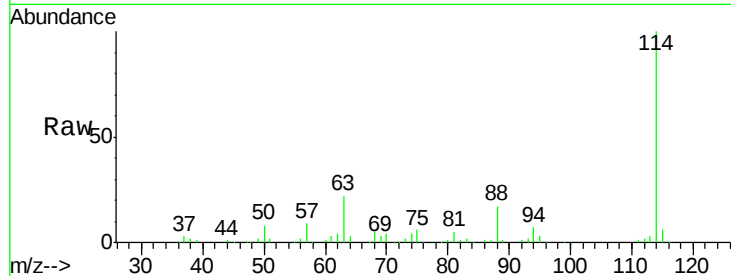
Tot Ion:114 Resp: 251512

Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

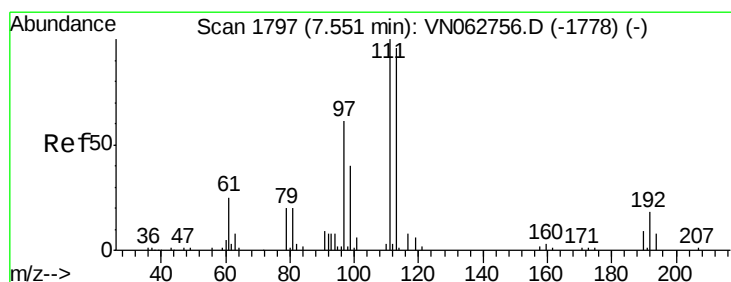
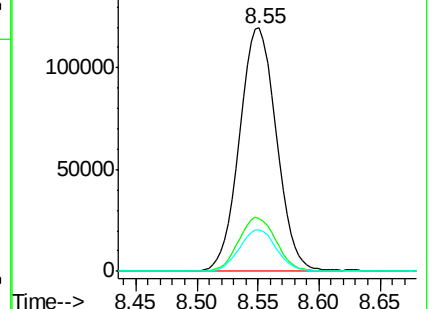
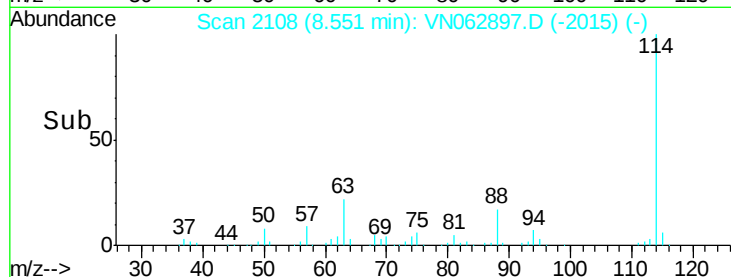
88 17.1 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.733 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062897.D

Acq: 13 Aug 2020 8:23

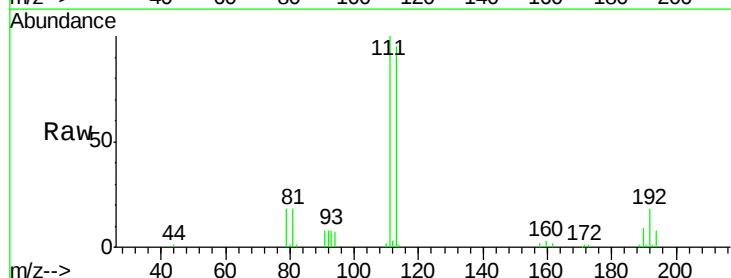
Tgt Ion:113 Resp: 87286

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.6

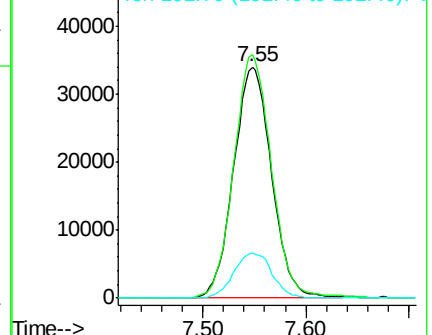
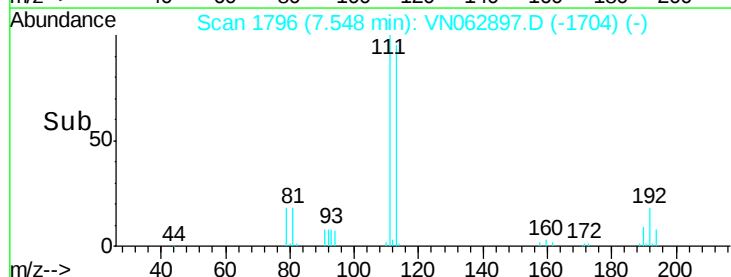
192 19.4 15.0 22.4

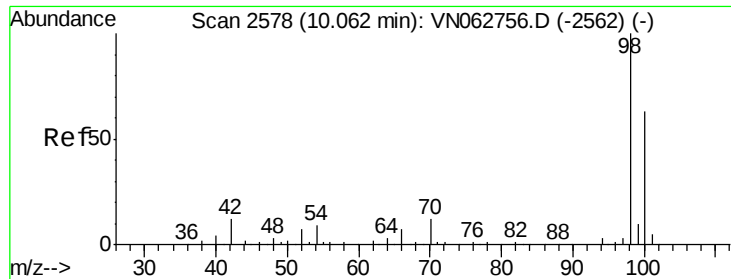


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.701 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062897.D

Acq: 13 Aug 2020 8:23

Instrument :

MSVOA_N

ClientSampled :

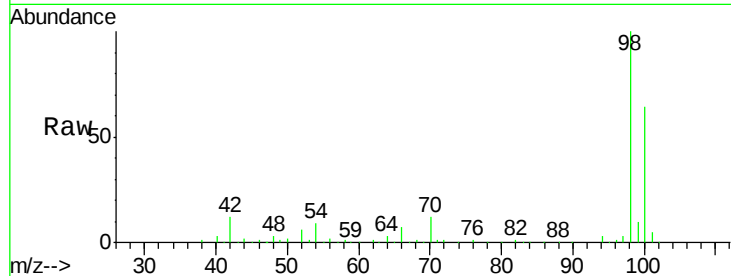
BS-STOCK-8

Tot Ion: 98 Resp: 327117

Ion Ratio Lower Upper

98 100

100 63.1 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

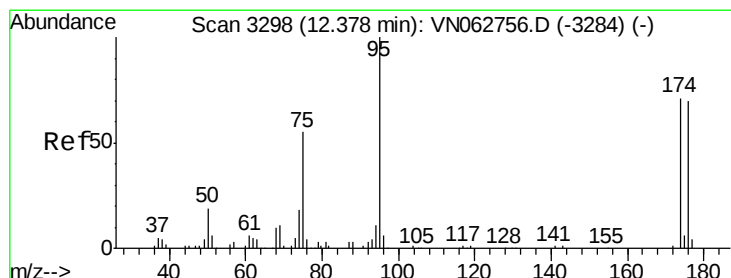
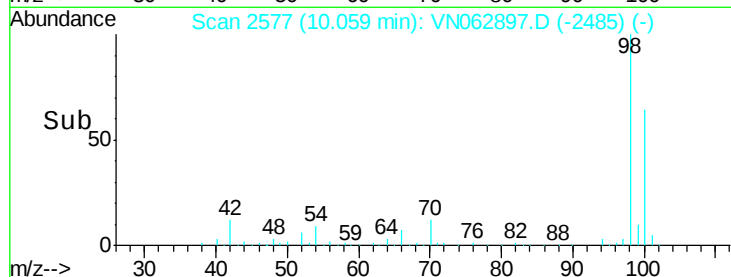
100000

50000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 48.917 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062897.D

Acq: 13 Aug 2020 8:23

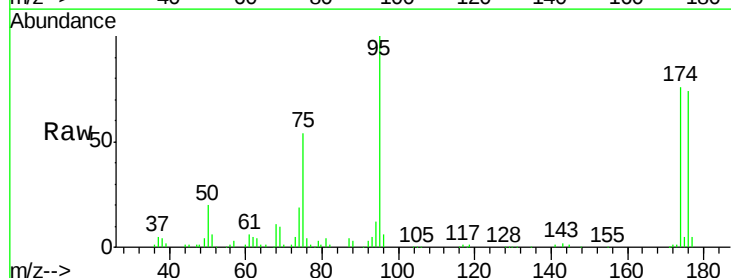
Tgt Ion: 95 Resp: 124168

Ion Ratio Lower Upper

95 100

174 77.4 0.0 144.8

176 73.2 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

100000

80000

60000

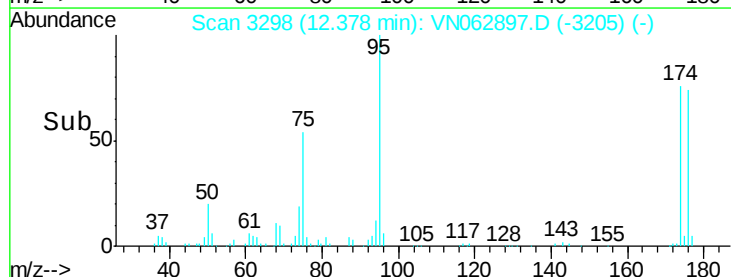
40000

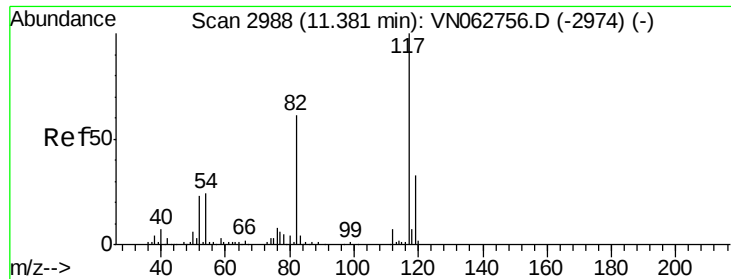
20000

0

12.30 12.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062897.D

Acq: 13 Aug 2020 8:23

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-8

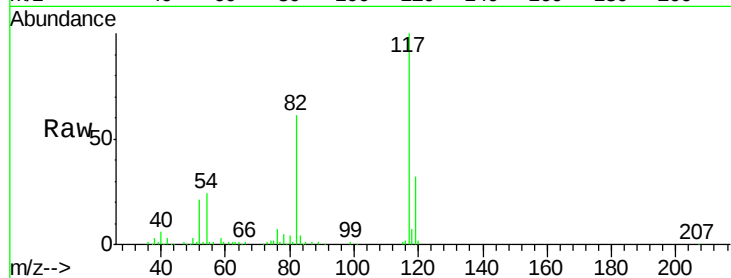
Tot Ion:117 Resp: 255922

Ion Ratio Lower Upper

117 100

82 61.0 49.0 73.4

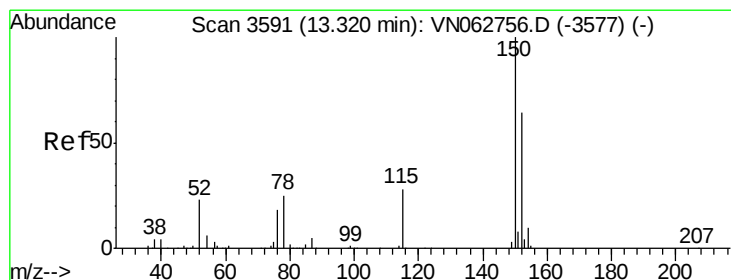
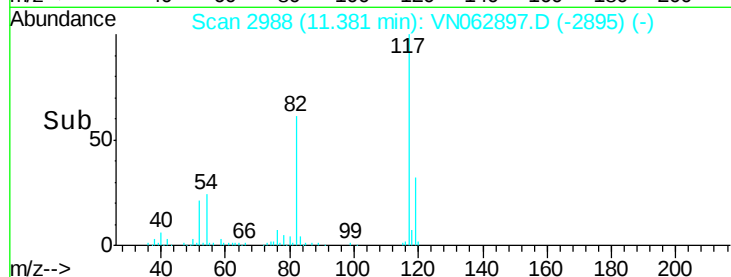
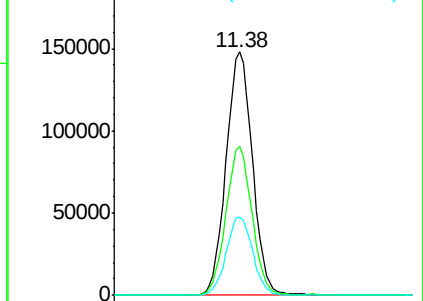
119 32.5 26.2 39.2



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: VN062897.D

Acq: 13 Aug 2020 8:23

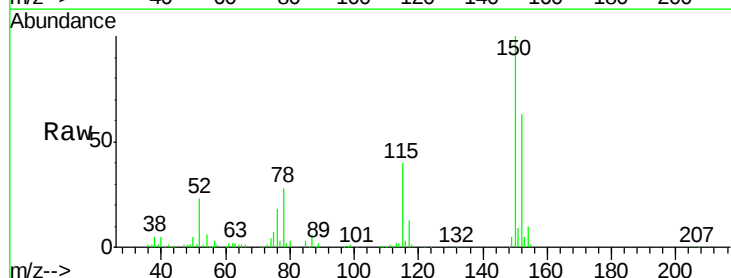
Tgt Ion:152 Resp: 103866

Ion Ratio Lower Upper

152 100

115 63.5 31.6 94.8

150 158.4 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

