

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062774.D
 Acq On : 6 Aug 2020 18:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 07 04:50:18 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

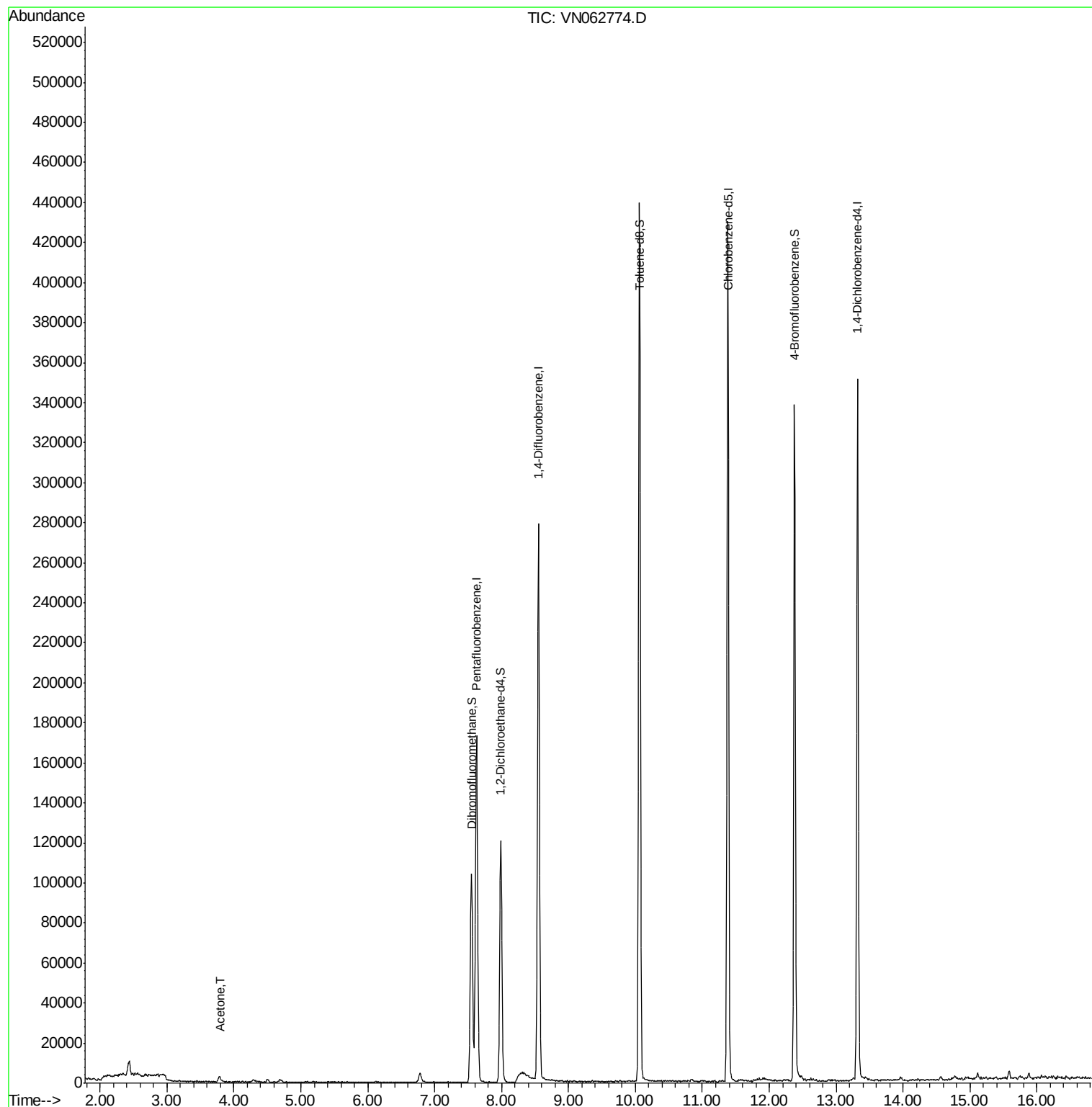
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	237379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111499	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.55	113	80151	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.06	98	308423	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.38	95	118583	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
16) Acetone	3.79	43	5216	6.574	ug/l #	Qvalue 80

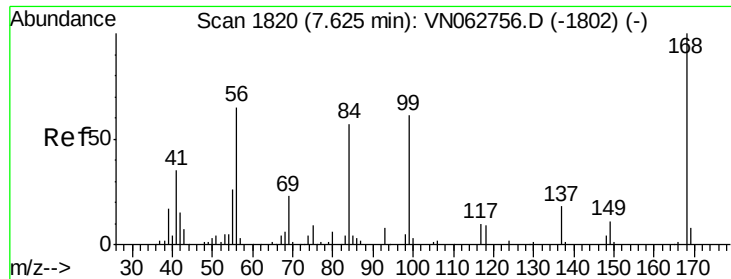
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062774.D

Acq: 6 Aug 2020 18:20

Instrument :

MSVOA_N

ClientSampled :

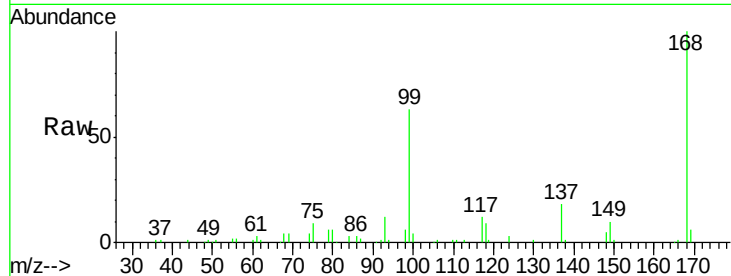
IBLK

Tot Ion:168 Resp: 132780

Ion Ratio Lower Upper

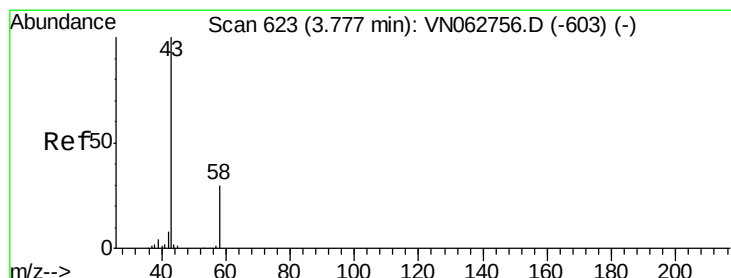
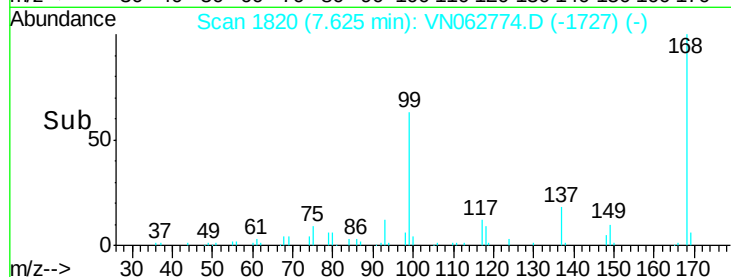
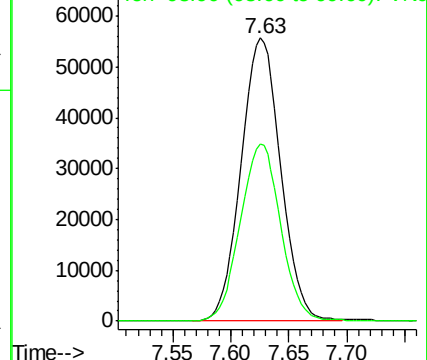
168 100

99 62.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.574 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062774.D

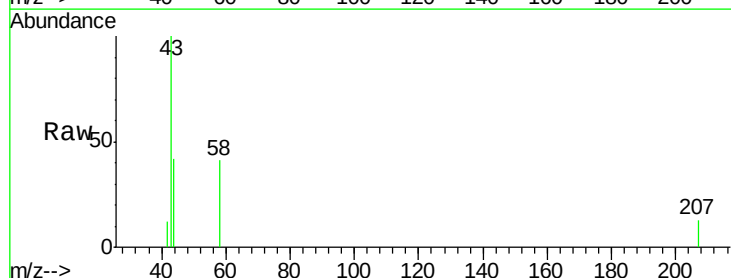
Acq: 6 Aug 2020 18:20

Tgt Ion: 43 Resp: 5216

Ion Ratio Lower Upper

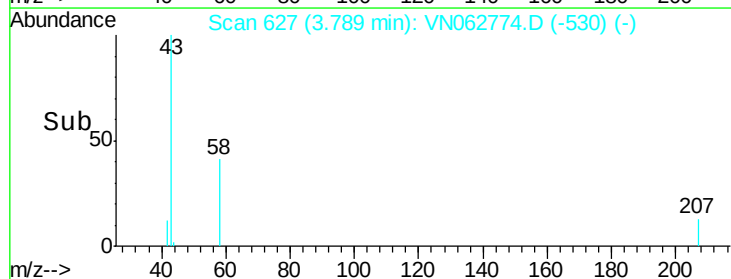
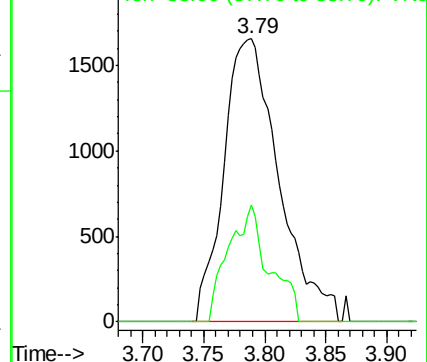
43 100

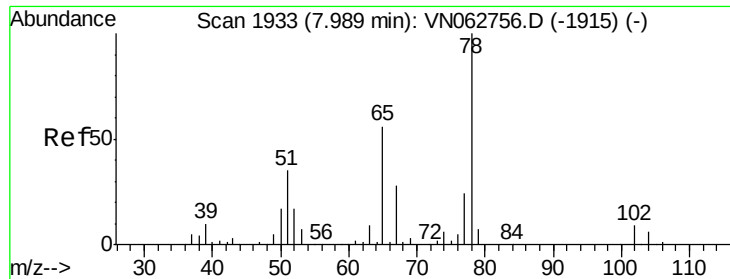
58 41.1 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

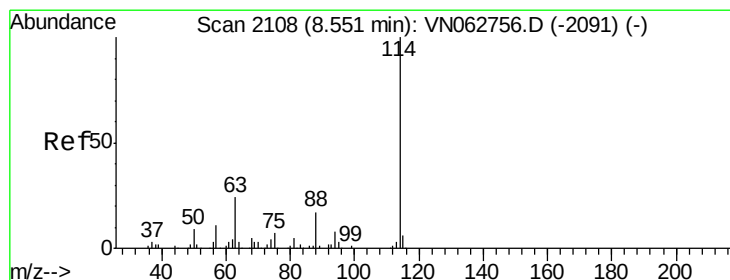
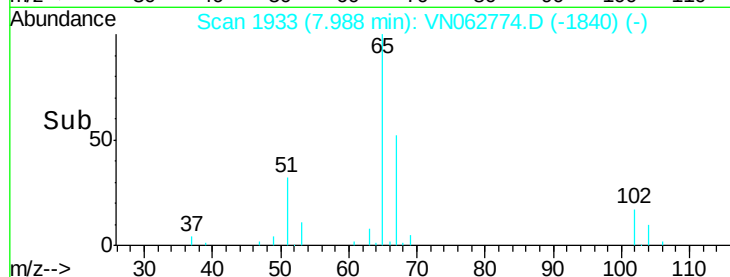
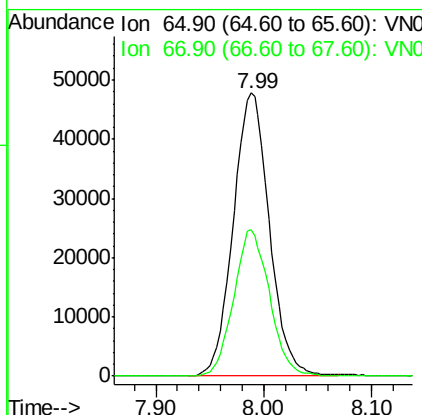
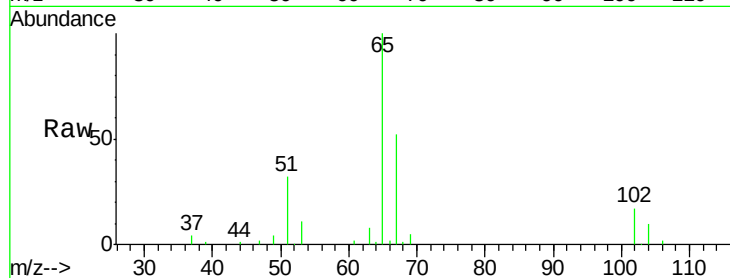




#33
 1,2-Dichloroethane-d4
 Concen: 50.779 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062774.D
 Acq: 6 Aug 2020 18:20

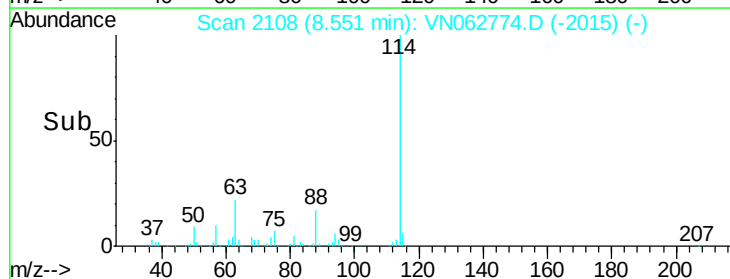
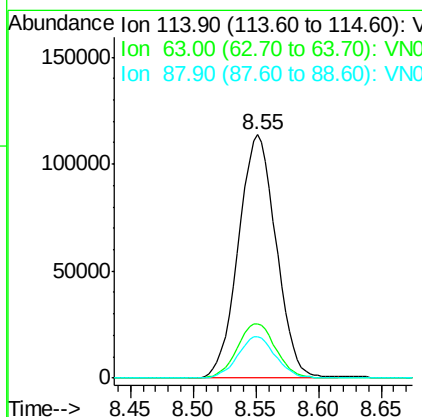
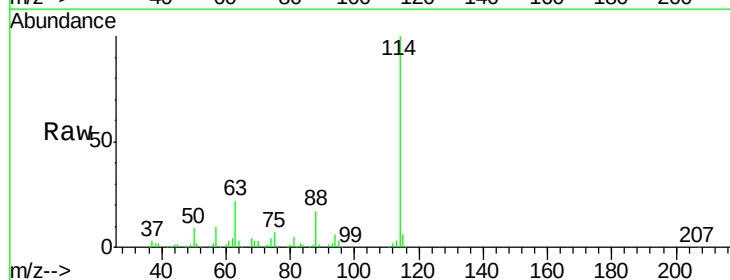
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

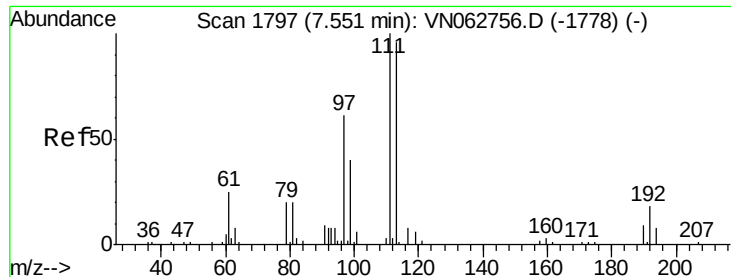
Tot Ion: 65 Resp: 111499
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062774.D
 Acq: 6 Aug 2020 18:20

Tgt Ion: 114 Resp: 238078
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.6
 88 17.2 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.215 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062774.D

Acq: 6 Aug 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

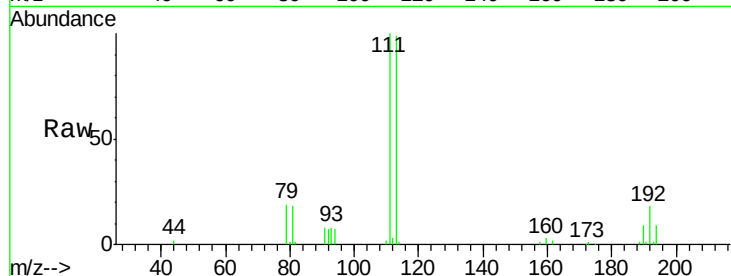
Tot Ion:113 Resp: 80151

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

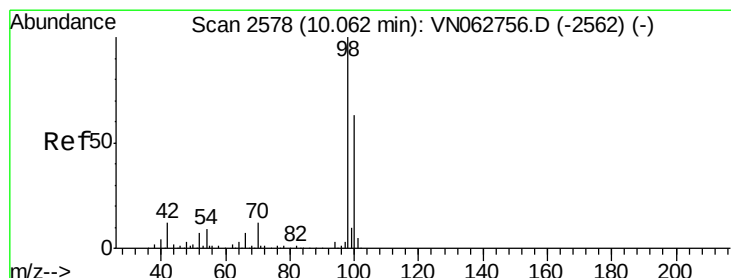
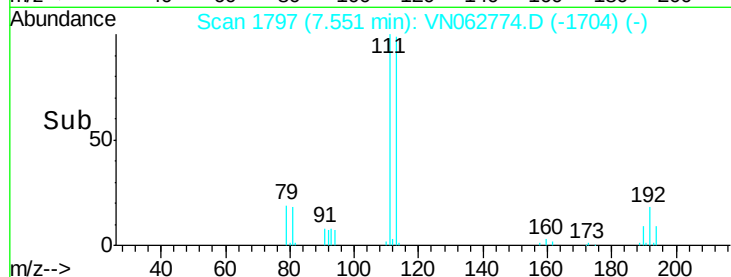
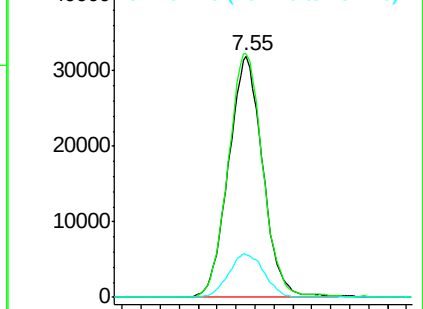
192 18.7 15.0 22.4



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: 48.508 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062774.D

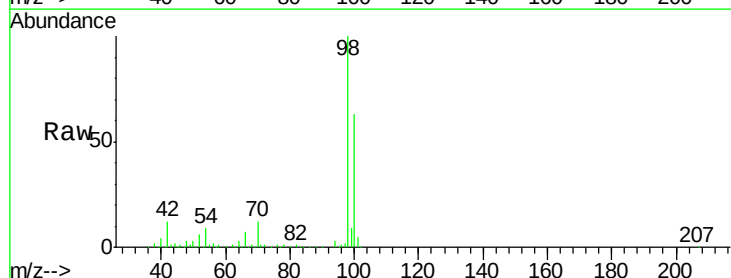
Acq: 6 Aug 2020 18:20

Tgt Ion: 98 Resp: 308423

Ion Ratio Lower Upper

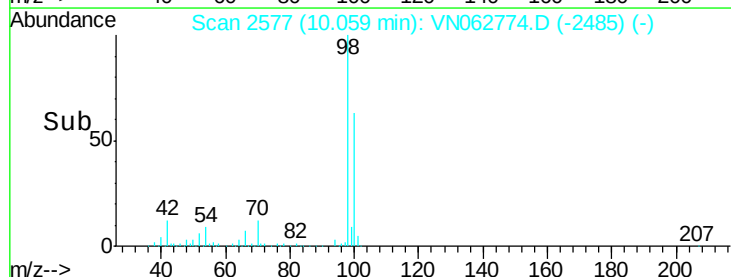
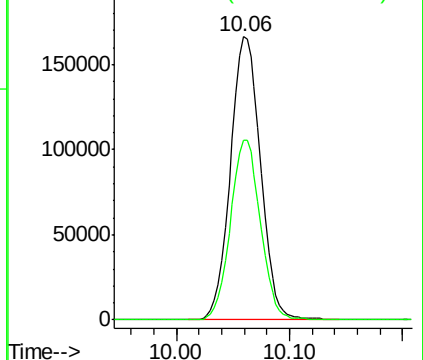
98 100

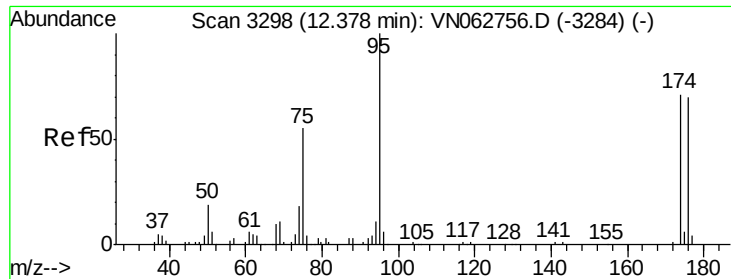
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.353 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062774.D

Acq: 6 Aug 2020 18:20

Instrument :

MSVOA_N

ClientSampled :

IBLK

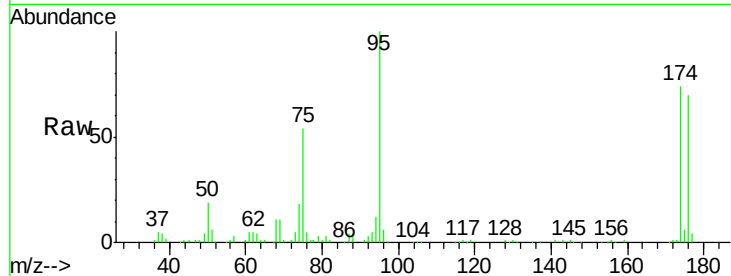
Tot Ion: 95 Resp: 118583

Ion Ratio Lower Upper

95 100

174 74.6 0.0 144.8

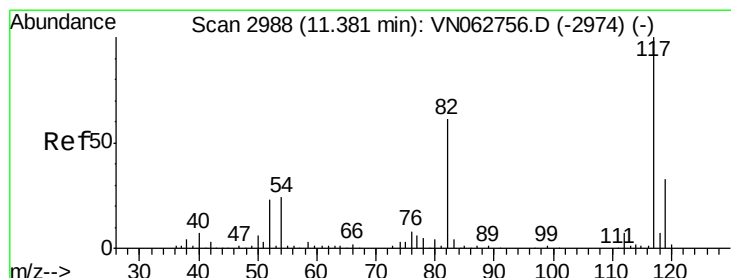
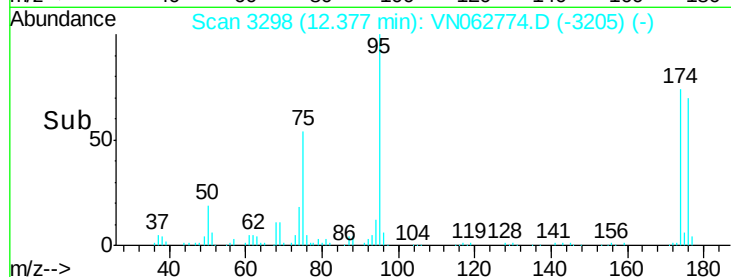
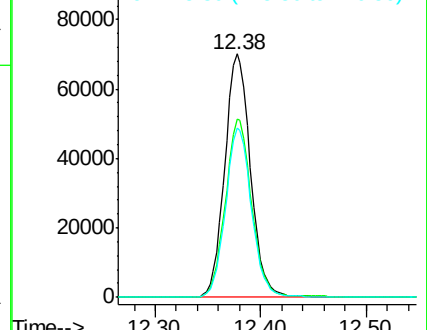
176 70.1 0.0 142.2



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: VN062774.D

Acq: 6 Aug 2020 18:20

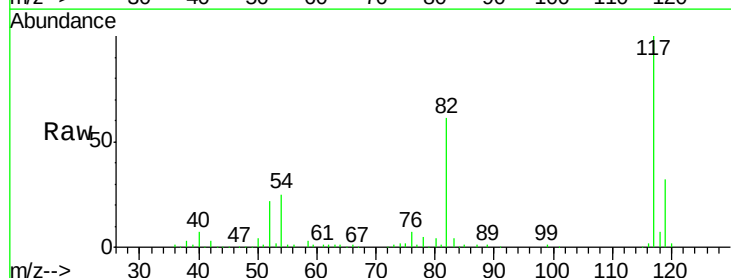
Tgt Ion: 117 Resp: 237379

Ion Ratio Lower Upper

117 100

82 61.1 49.0 73.4

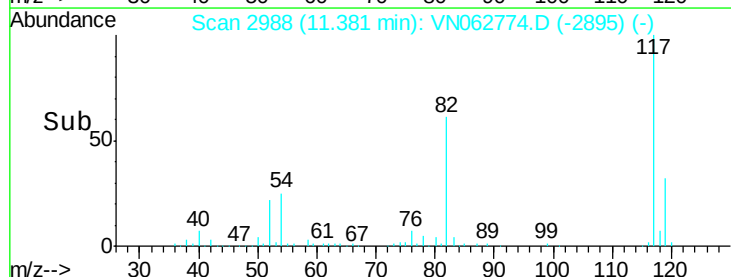
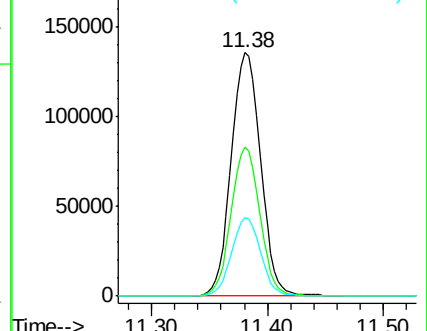
119 32.0 26.2 39.2

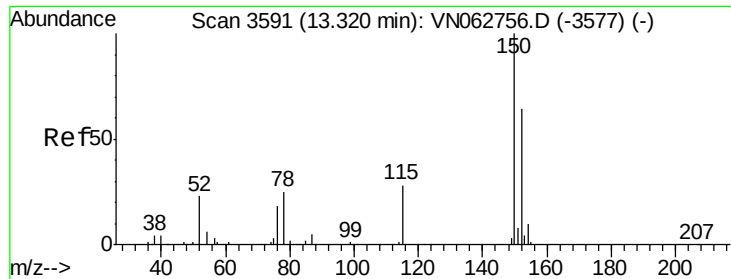


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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: VN062774.D

Acq: 6 Aug 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

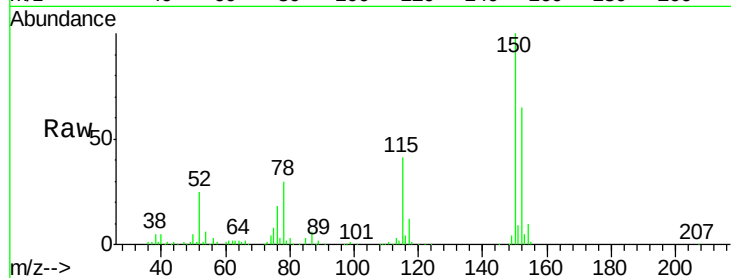
Tot Ion:152 Resp: 92073

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

150 156.5 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

