

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062768.D
 Acq On : 6 Aug 2020 15:54
 Operator : JC/MD
 Sample : PB130787TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

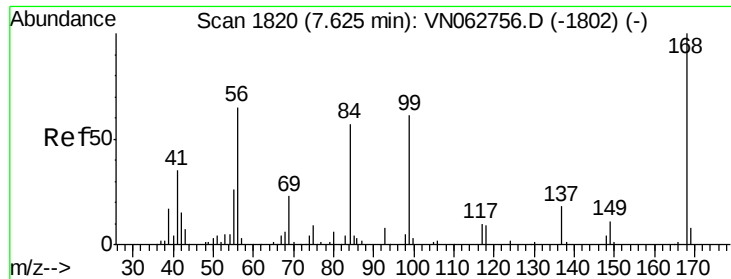
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130787TB

Quant Time: Aug 07 04:28:24 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	127714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	222780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105211	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	7.55	113	76327	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.06	98	296393	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	106048	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
8) Diethyl Ether	3.37	74	1135	1.374	ug/l	88
16) Acetone	3.79	43	11586	15.182	ug/l	100
18) Methyl Acetate	4.28	43	4407	1.342	ug/l #	73
20) Methylene Chloride	4.50	84	12272	8.151	ug/l	93
43) Isopropyl Acetate	8.13	43	51346	13.585	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062768.D

Acq: 6 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

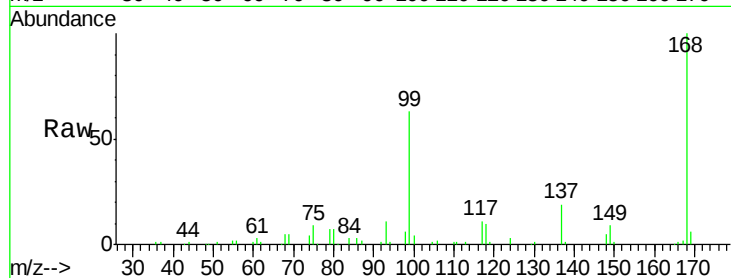
PB130787TB

Tot Ion:168 Resp: 127714

Ion Ratio Lower Upper

168 100

99 63.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

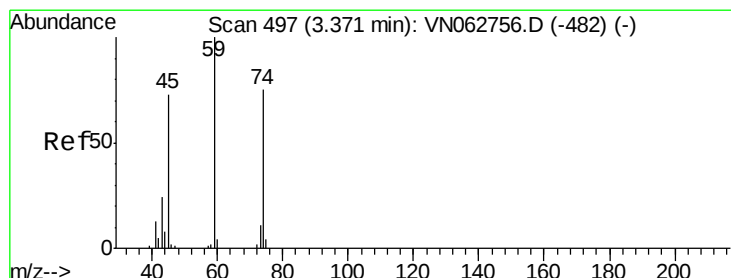
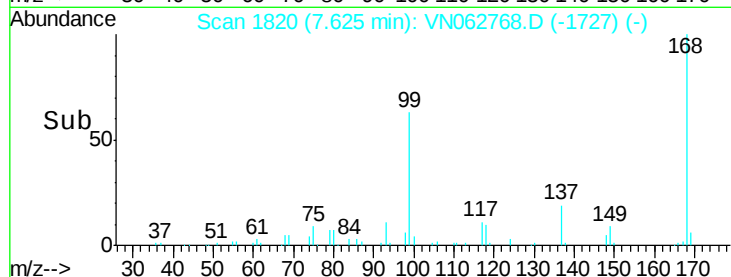
30000

20000

10000

0

Time-->



#8

Diethyl Ether

Concen: 1.374 ug/l

RT: 3.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VN062768.D

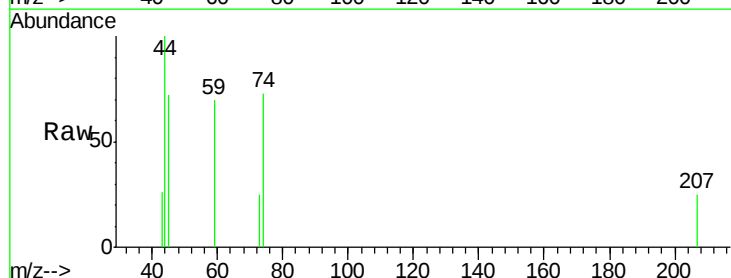
Acq: 6 Aug 2020 15:54

Tgt Ion: 74 Resp: 1135

Ion Ratio Lower Upper

74 100

45 109.4 48.7 146.1



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.37

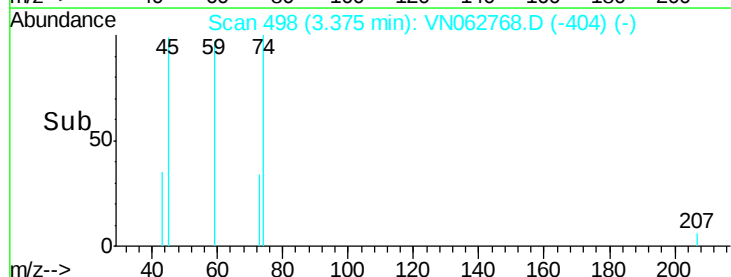
600

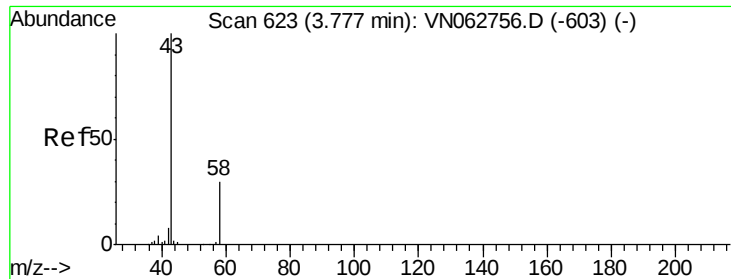
400

200

0

Time-->





#16

Acetone

Concen: 15.182 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062768.D

Acq: 6 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampled :

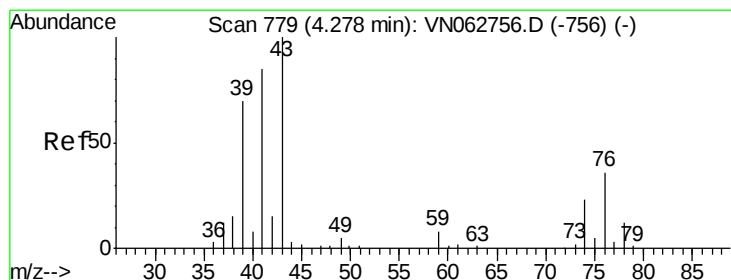
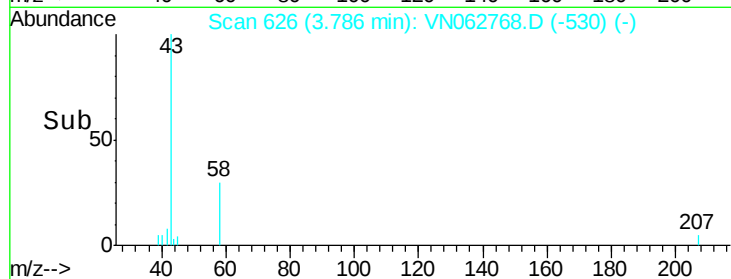
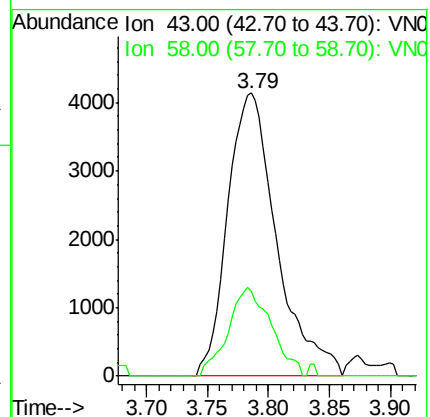
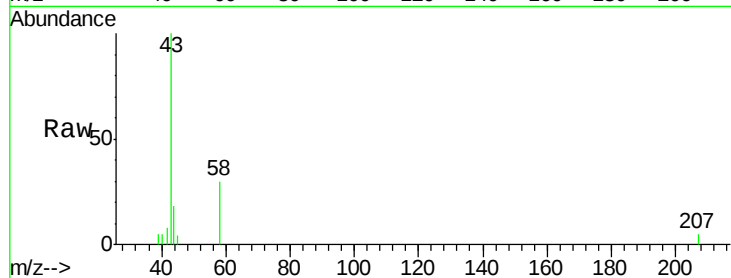
PB130787TB

Tot Ion: 43 Resp: 11586

Ion Ratio Lower Upper

43 100

58 29.9 24.1 36.1



#18

Methyl Acetate

Concen: 1.342 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062768.D

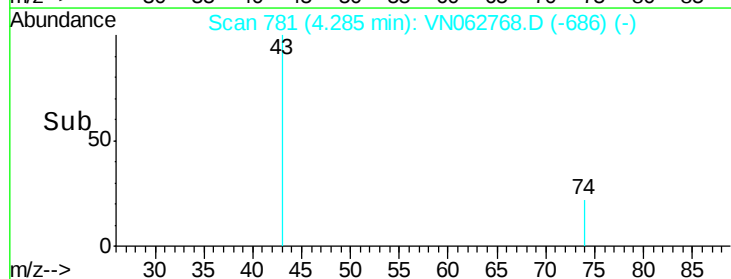
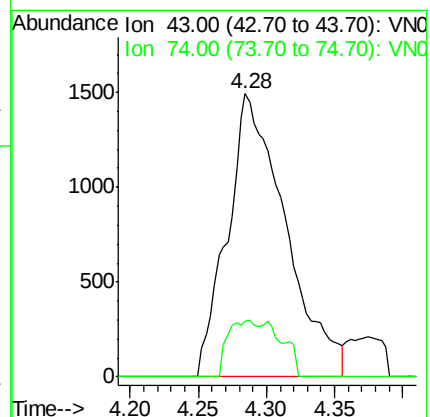
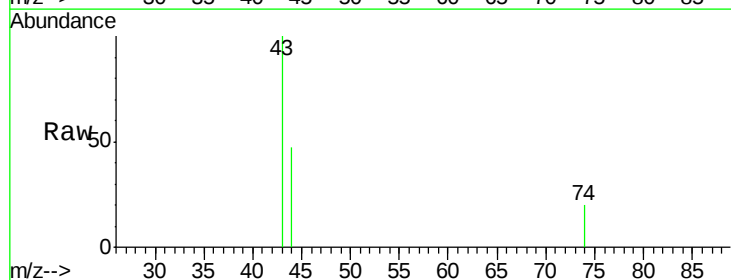
Acq: 6 Aug 2020 15:54

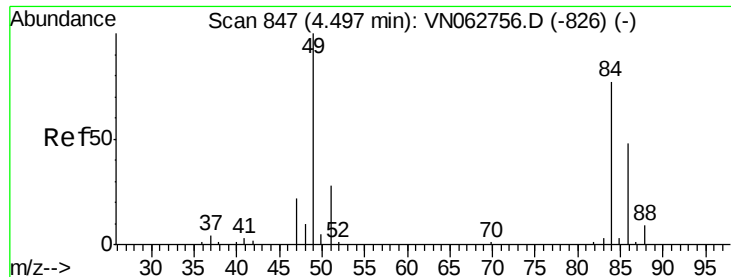
Tgt Ion: 43 Resp: 4407

Ion Ratio Lower Upper

43 100

74 10.3 18.6 28.0#

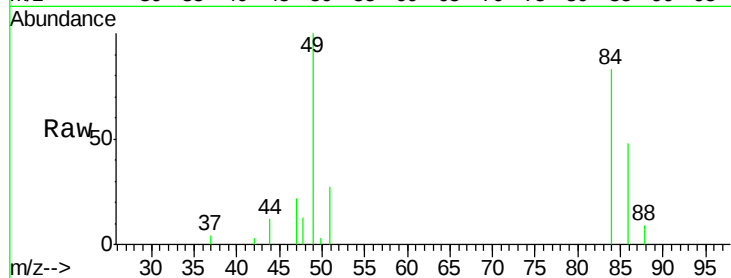




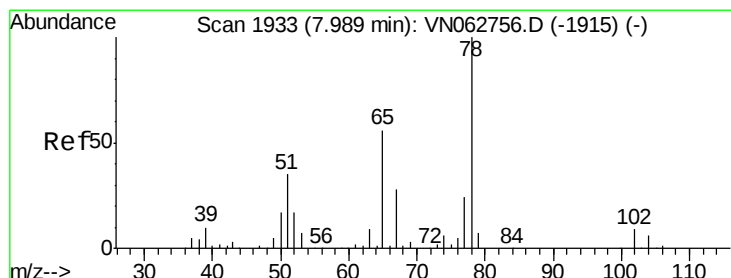
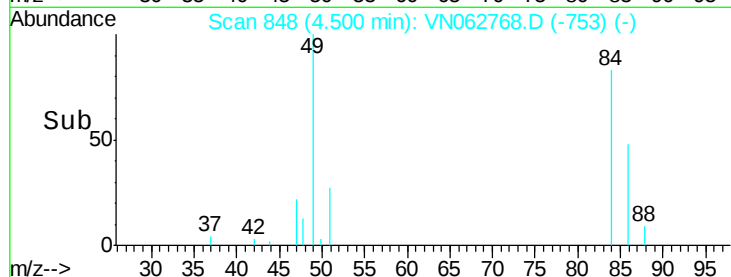
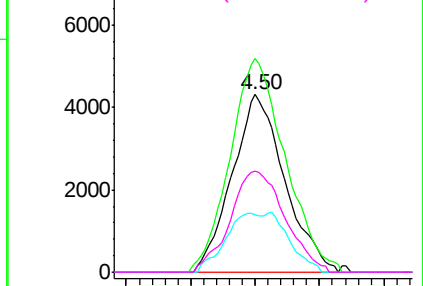
#20
Methvlene Chloride
Concen: 8.151 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062768.D
Acq: 6 Aug 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
PB130787TB

Tot Ion: 84 Resp: 12272
Ion Ratio Lower Upper
84 100
49 120.2 103.4 155.2
51 32.4 29.3 43.9
86 57.2 49.9 74.9

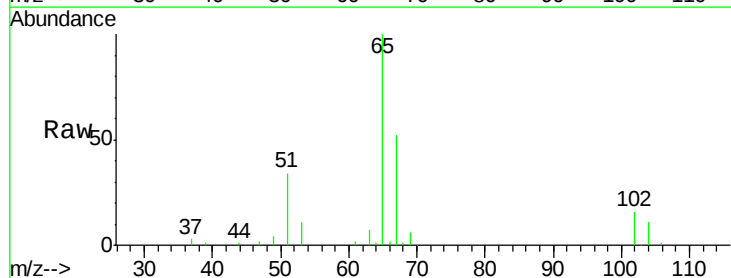


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

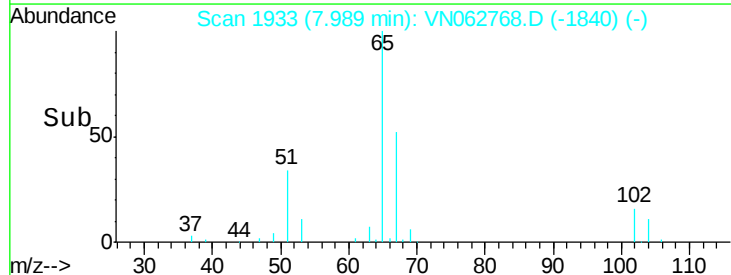
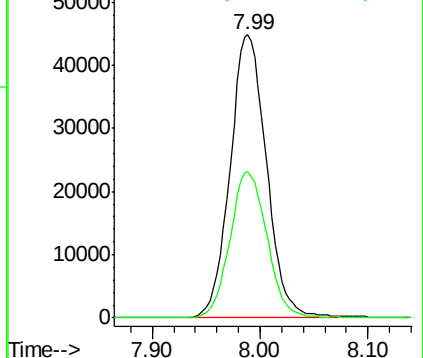


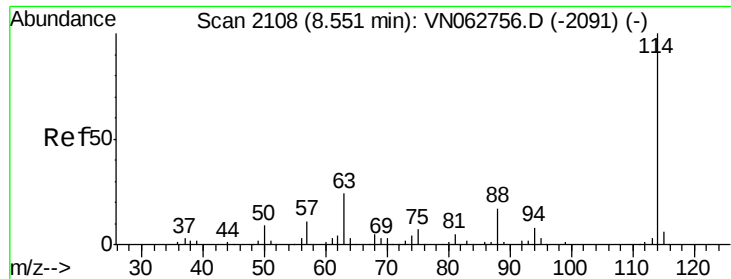
#33
1,2-Dichloroethane-d4
Concen: 49.816 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062768.D
Acq: 6 Aug 2020 15:54

Tgt Ion: 65 Resp: 105211
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

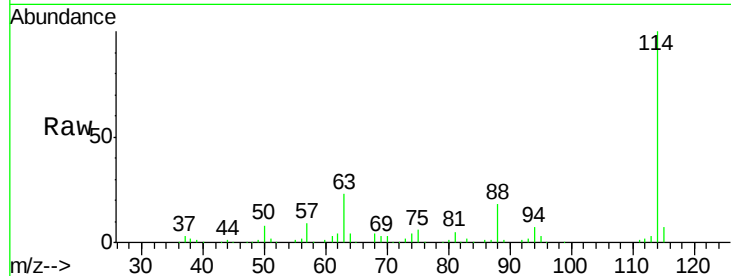




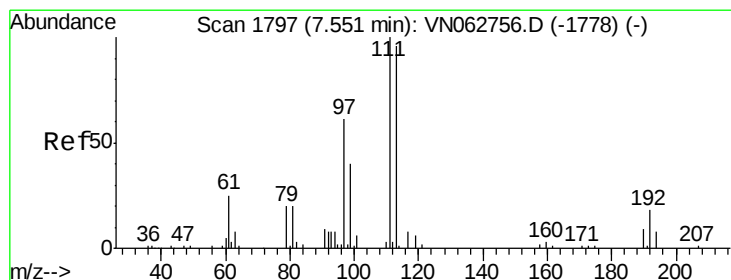
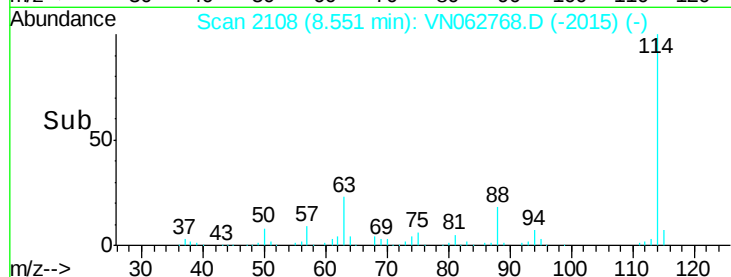
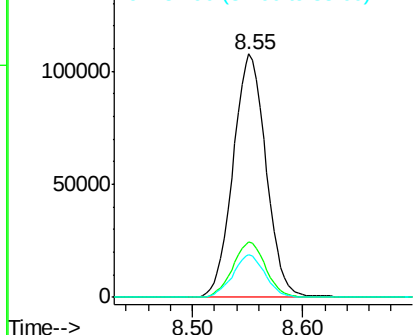
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062768.D
 Acq: 6 Aug 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130787TB

Tot Ion:114 Resp: 222780
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 17.7 0.0 34.4

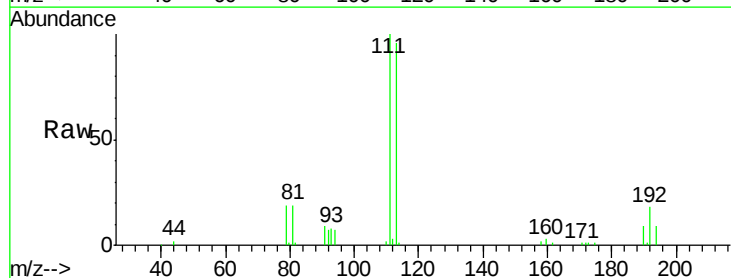


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

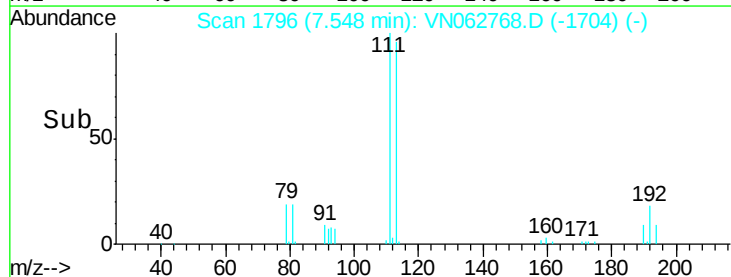
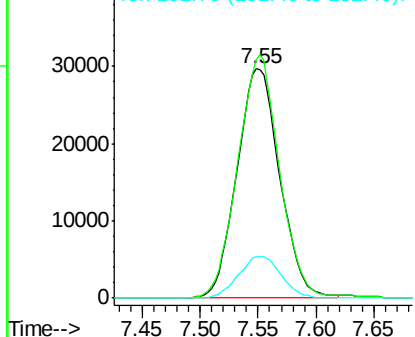


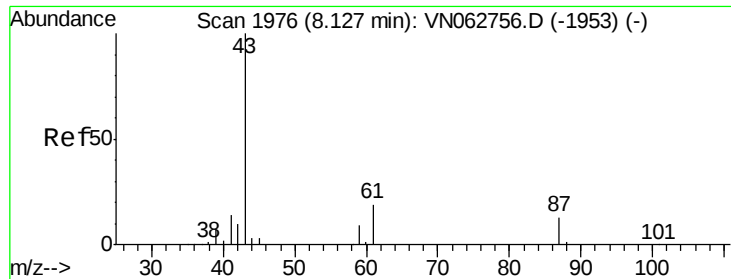
#35
 Dibromofluoromethane
 Concen: 50.085 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062768.D
 Acq: 6 Aug 2020 15:54

Tgt Ion:113 Resp: 76327
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 18.0 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

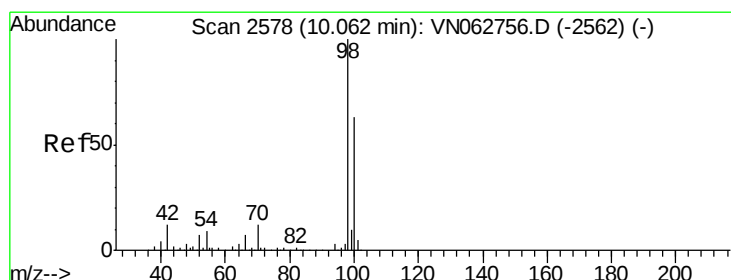
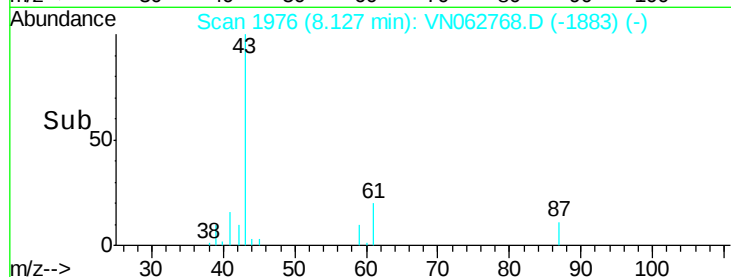
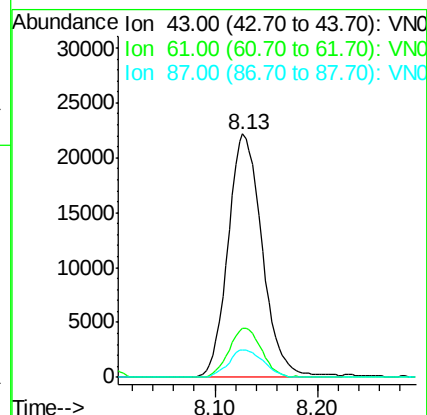
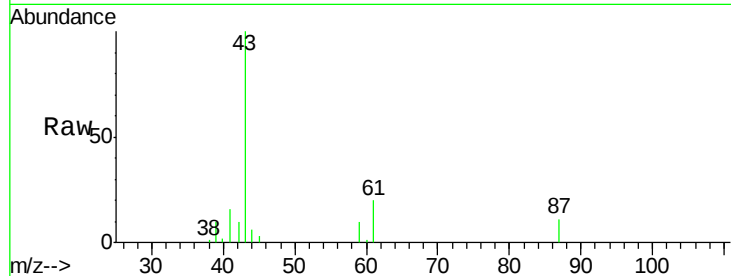




#43
Isopropyl Acetate
Concen: 13.585 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062768.D
Acq: 6 Aug 2020 15:54

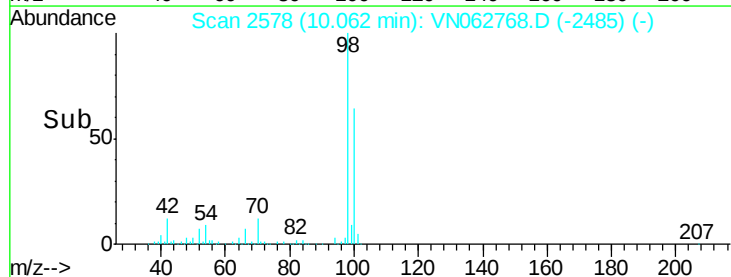
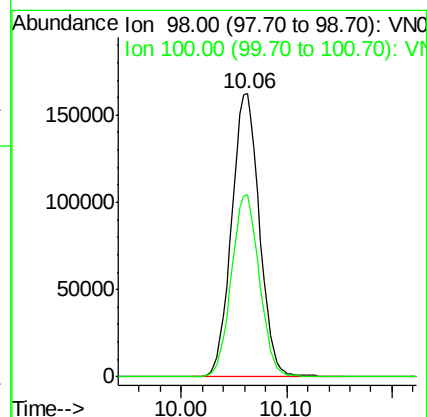
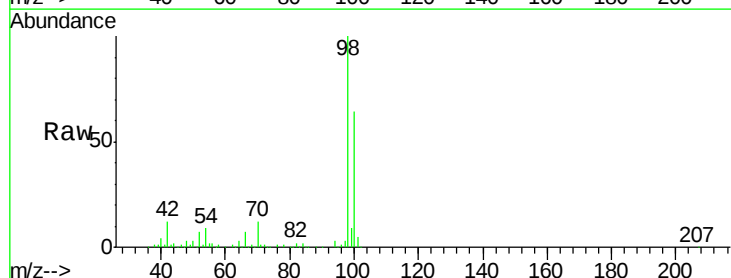
Instrument :
MSVOA_N
ClientSampleId :
PB130787TB

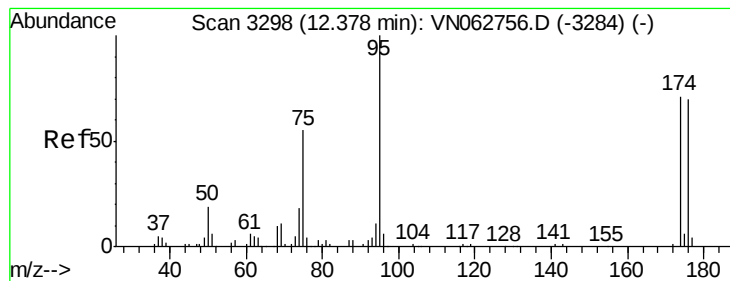
Tot Ion	43	Resp	51346
Ion Ratio	100		
Lower	15.8		
Upper	23.6		
61	19.1		
87	11.3		
	9.9		



#50
Toluene-d8
Concen: 49.817 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062768.D
Acq: 6 Aug 2020 15:54

Tgt Ion	98	Resp	296393
Ion Ratio	100		
Lower	50.9		
Upper	76.3		
100	64.4		





#62

4-Bromofluorobenzene

Concen: 47.167 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062768.D

Acq: 6 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

PB130787TB

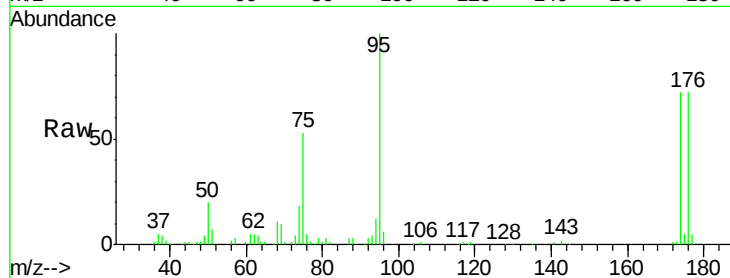
Tot Ion: 95 Resp: 106048

Ion Ratio Lower Upper

95 100

174 74.9 0.0 144.8

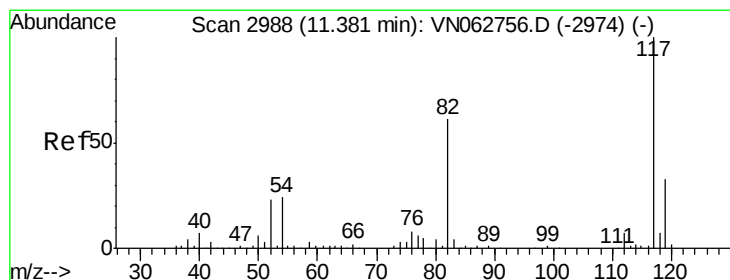
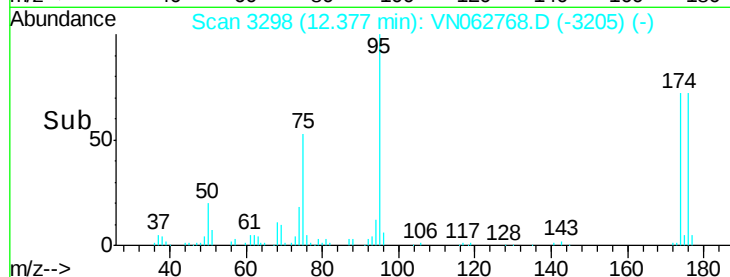
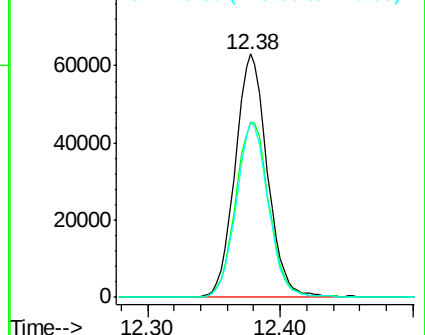
176 71.7 0.0 142.2



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: VN062768.D

Acq: 6 Aug 2020 15:54

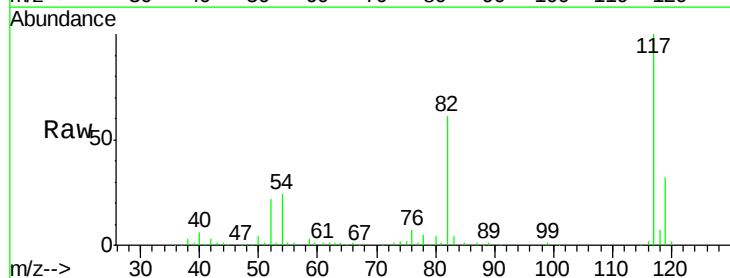
Tgt Ion: 117 Resp: 228807

Ion Ratio Lower Upper

117 100

82 61.3 49.0 73.4

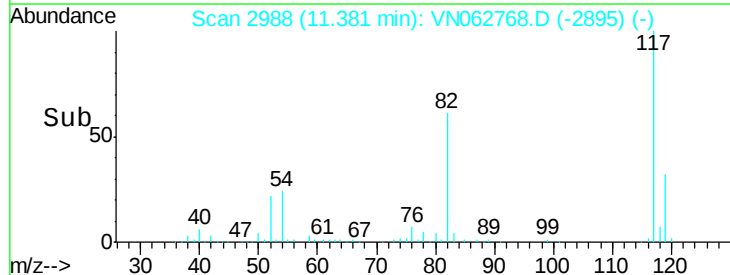
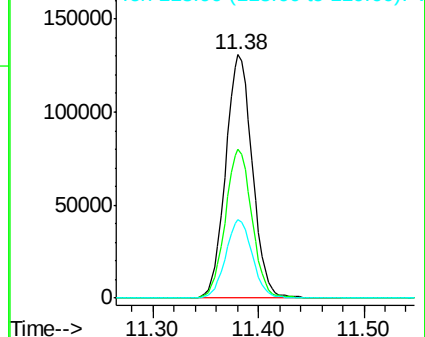
119 32.3 26.2 39.2

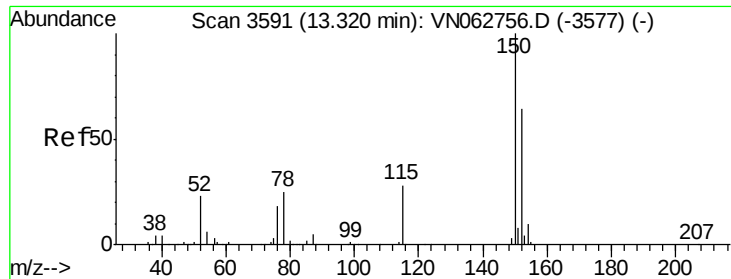


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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: VN062768.D

Acq: 6 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

PB130787TB

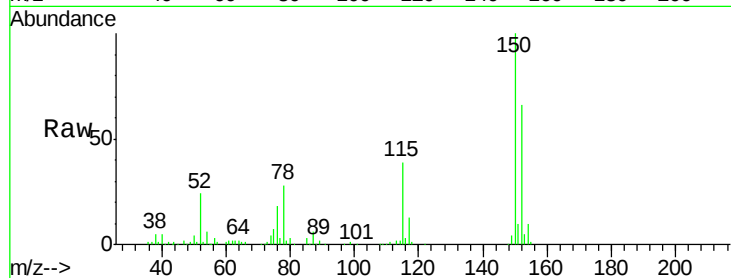
Tot Ion:152 Resp: 83006

Ion Ratio Lower Upper

152 100

115 61.6 31.6 94.8

150 152.5 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

