

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062888.D
 Acq On : 13 Aug 2020 4:45
 Operator : JC/MD
 Sample : PB130908ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#18

Quant Time: Aug 13 07:45:56 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

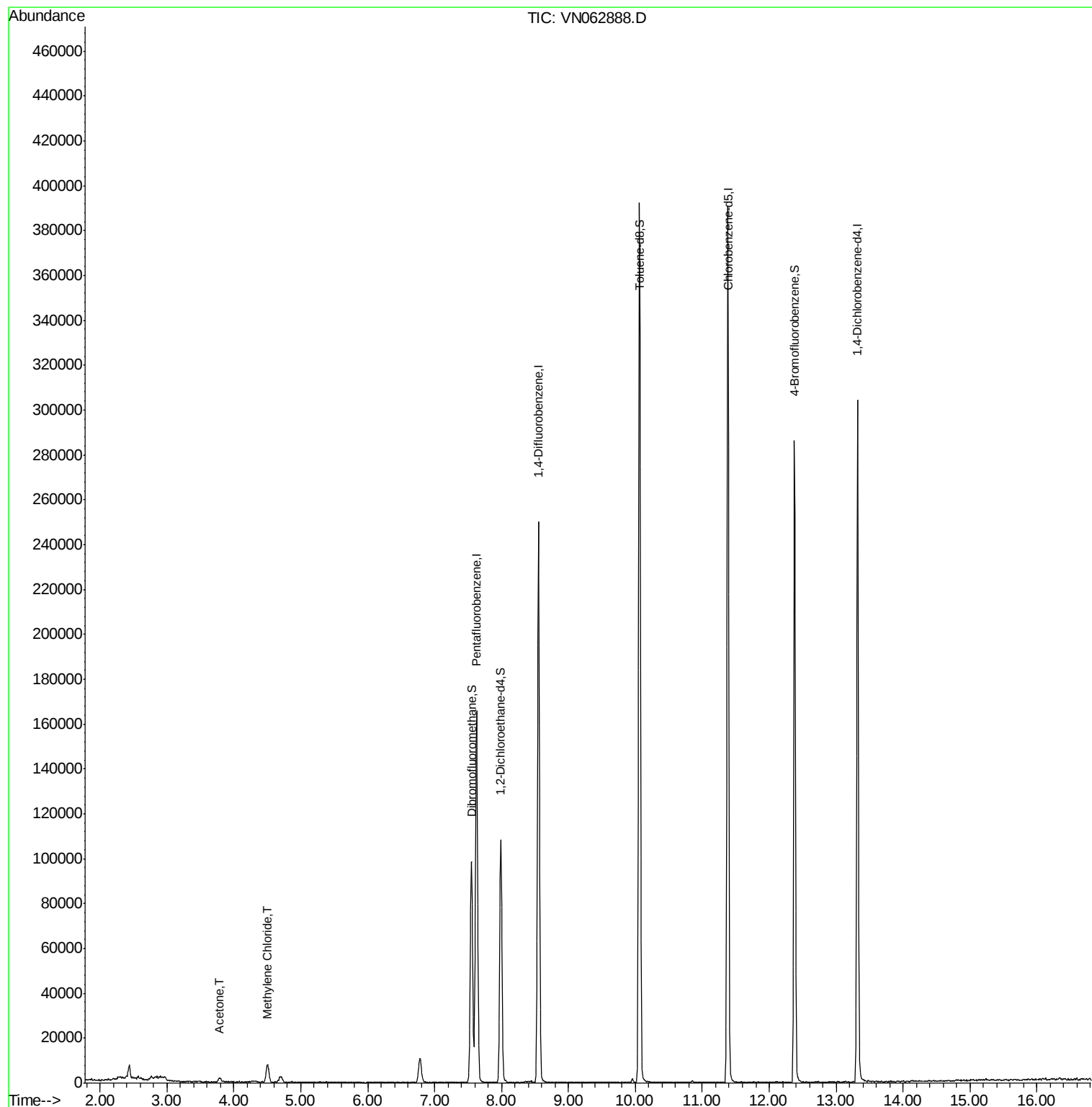
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	125275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	213412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	219165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103093	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	7.55	113	74744	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.06	98	278152	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.38	95	100783	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
16) Acetone	3.78	43	3744	5.002	ug/l	96
20) Methylene Chloride	4.50	84	6755	4.235	ug/l	93

(#) = 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: VN062888.D

Acq: 13 Aug 2020 4:45

Instrument :

MSVOA_N

ClientSampleId :

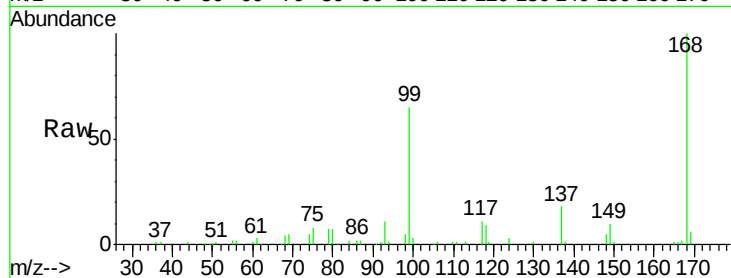
PB130908ZHE#18

Tot Ion:168 Resp: 125275

Ion Ratio Lower Upper

168 100

99 65.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

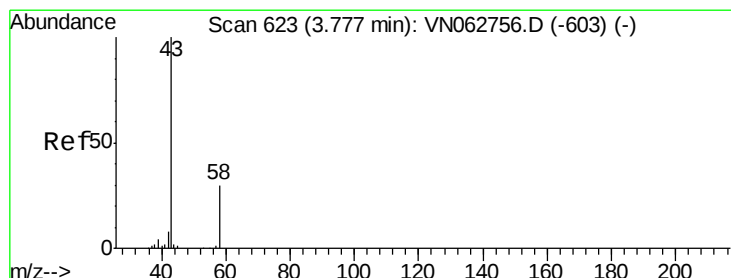
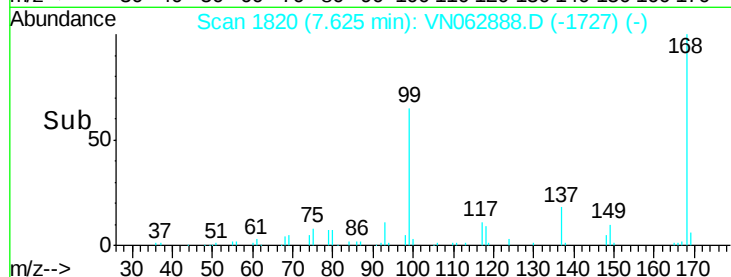
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 5.002 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062888.D

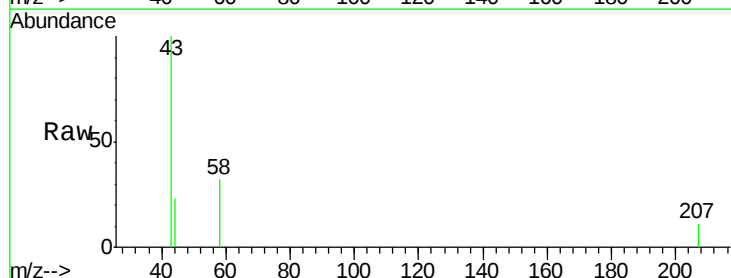
Acq: 13 Aug 2020 4:45

Tgt Ion: 43 Resp: 3744

Ion Ratio Lower Upper

43 100

58 32.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

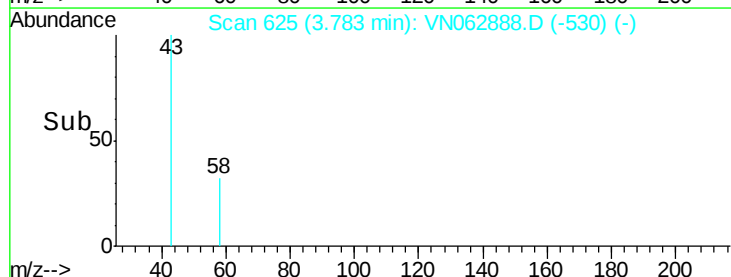
1500

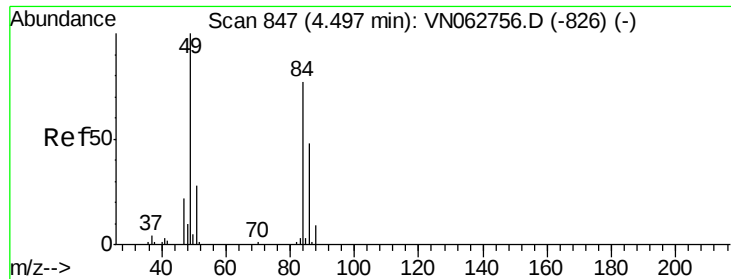
1000

500

0

Time-->

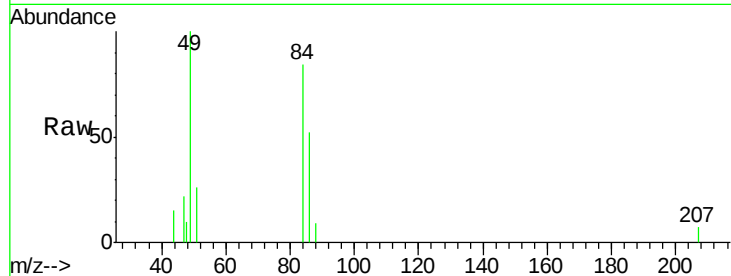




#20
Methylene Chloride
Concen: 4.235 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062888.D
Acq: 13 Aug 2020 4:45

Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#18

Tot Ion:	84	Resp:	6755
Ion	Ratio	Lower	Upper
84	100		
49	118.9	103.4	155.2
51	31.3	29.3	43.9
86	61.3	49.9	74.9

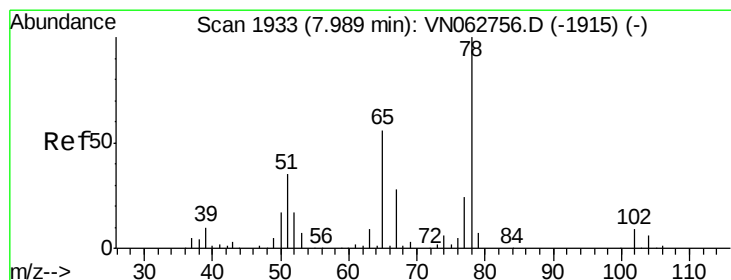
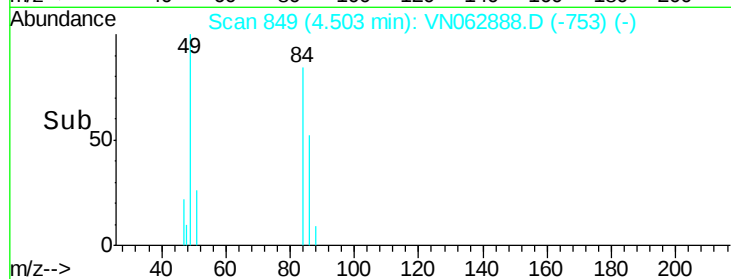
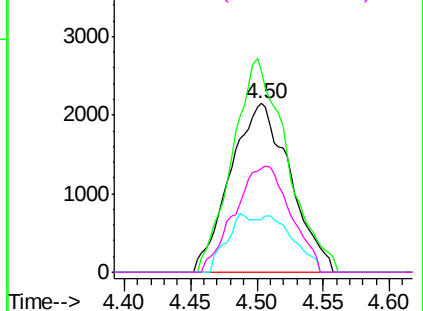


Abundance Ion 83.90 (83.60 to 84.60): VN062888.D (-1840) (-)

Ion 48.90 (48.60 to 49.60): VN062888.D (-1840) (-)

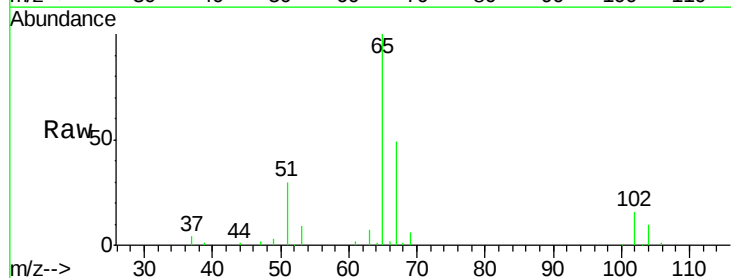
Ion 50.90 (50.60 to 51.60): VN062888.D (-1840) (-)

Ion 85.90 (85.60 to 86.60): VN062888.D (-1840) (-)



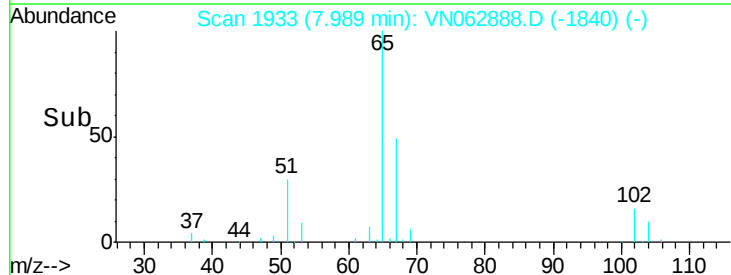
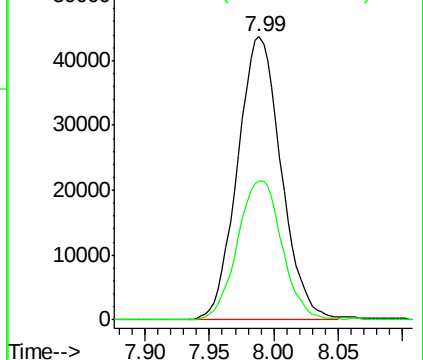
#33
1,2-Dichloroethane-d4
Concen: 49.764 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062888.D
Acq: 13 Aug 2020 4:45

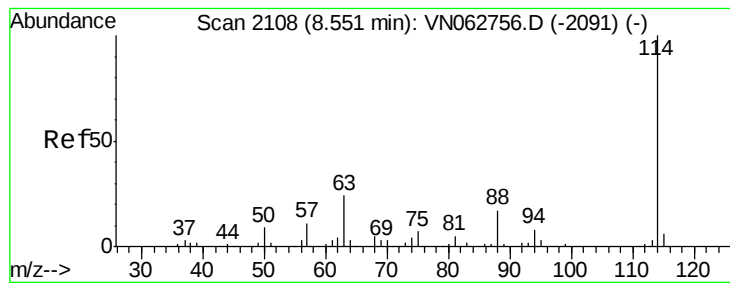
Tgt Ion:	65	Resp:	103093
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062888.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062888.D (-1840) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062888.D

Acq: 13 Aug 2020 4:45

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#18

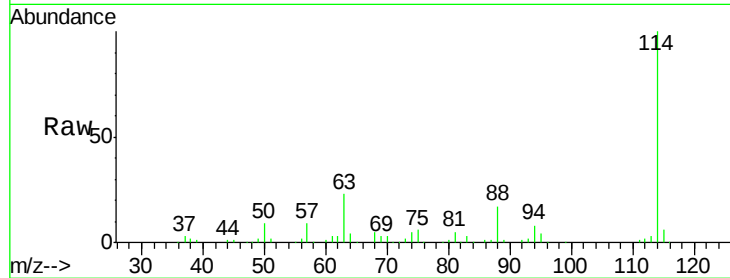
Tot Ion:114 Resp: 213412

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.6

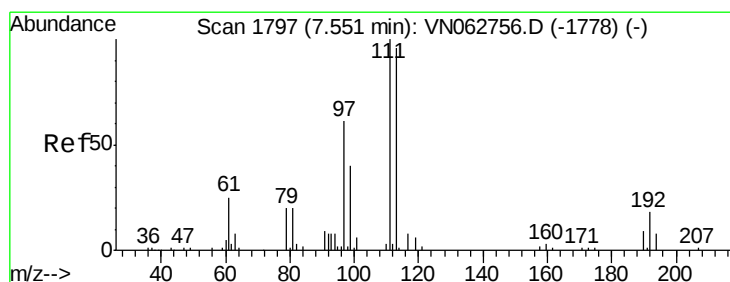
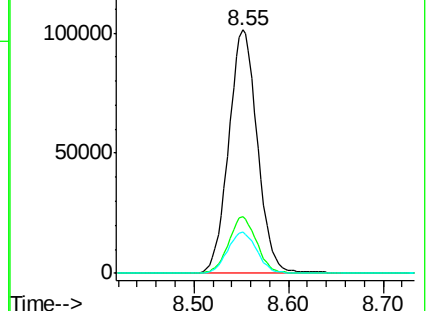
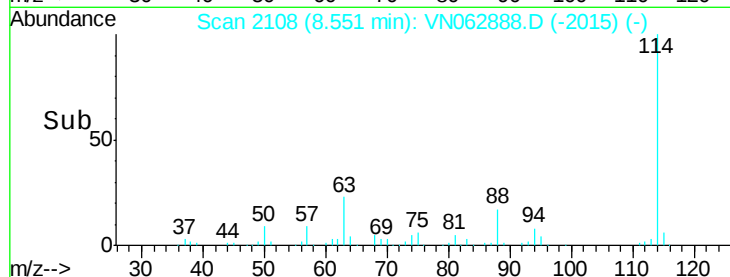
88 16.9 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.199 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062888.D

Acq: 13 Aug 2020 4:45

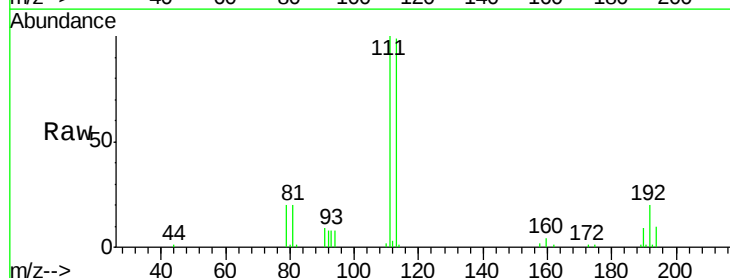
Tgt Ion:113 Resp: 74744

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.6

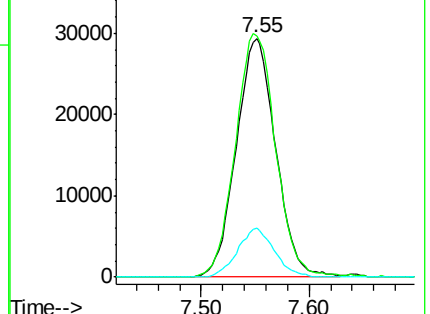
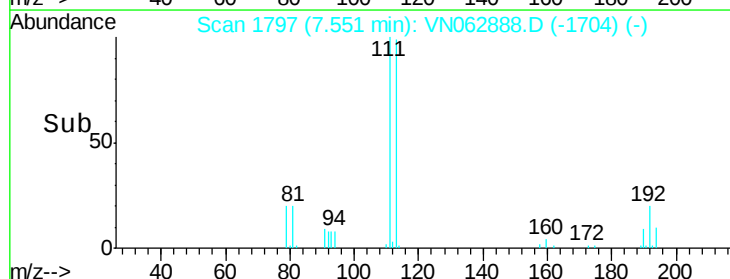
192 19.1 15.0 22.4

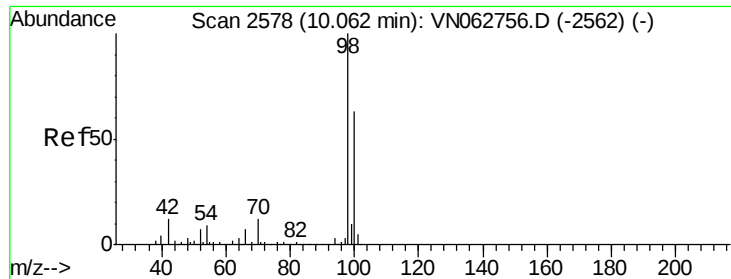


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.804 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062888.D

Acq: 13 Aug 2020 4:45

Instrument :

MSVOA_N

ClientSampleId :

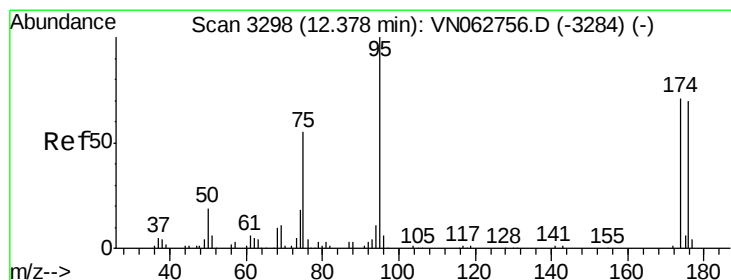
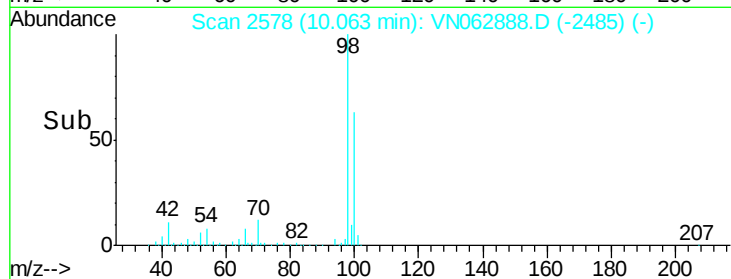
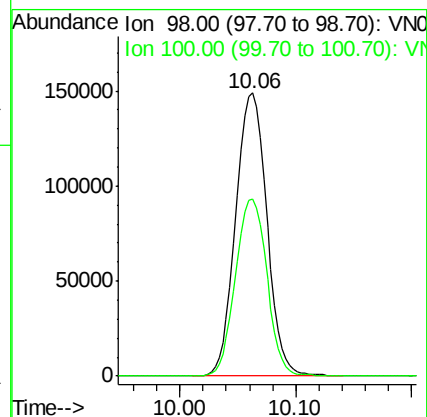
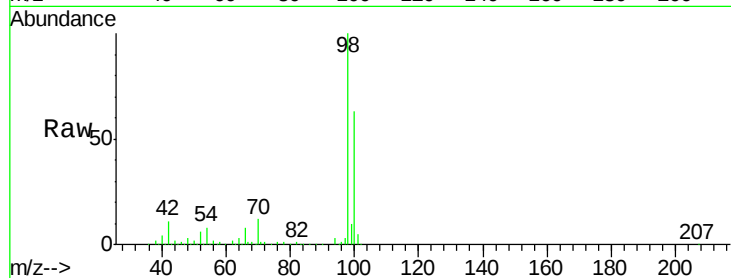
PB130908ZHE#18

Tot Ion: 98 Resp: 278152

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.793 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062888.D

Acq: 13 Aug 2020 4:45

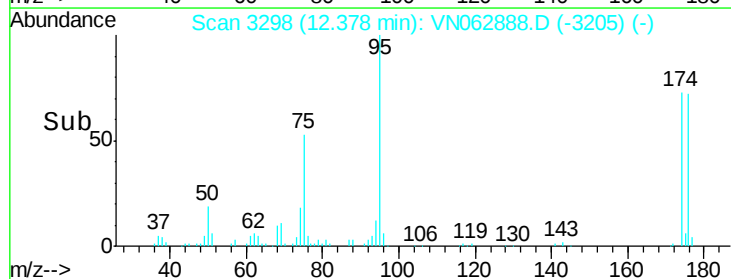
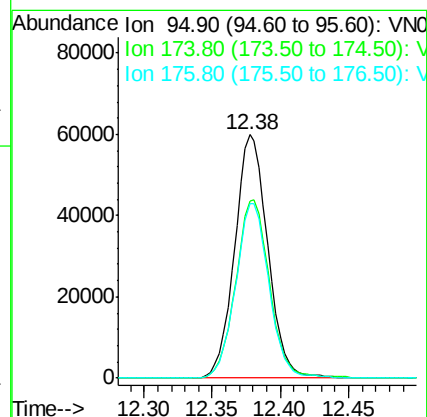
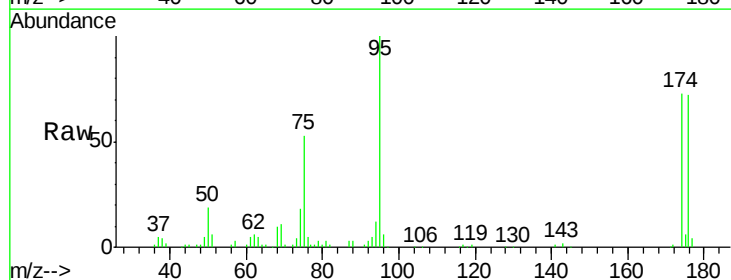
Tgt Ion: 95 Resp: 100783

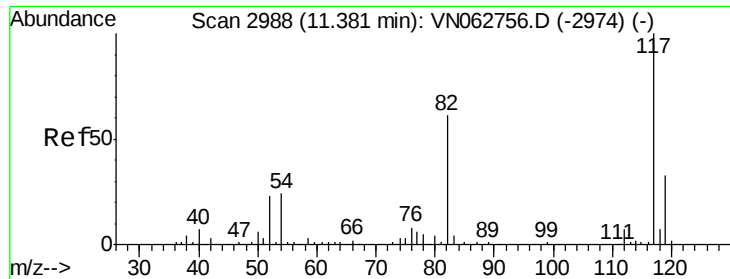
Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.8

176 72.3 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062888.D

Acq: 13 Aug 2020 4:45

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#18

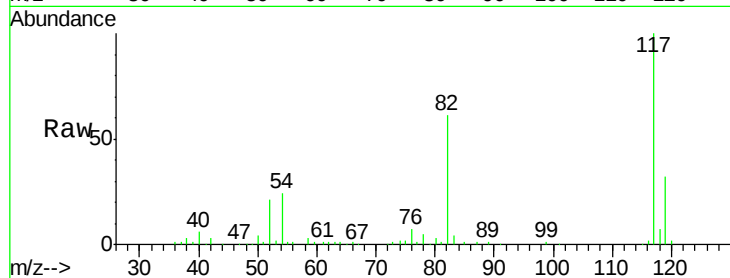
Tot Ion:117 Resp: 219165

Ion Ratio Lower Upper

117 100

82 61.3 49.0 73.4

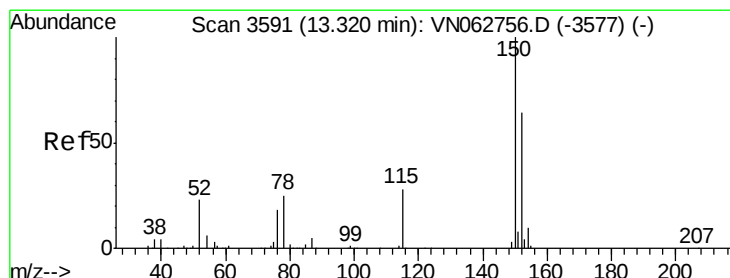
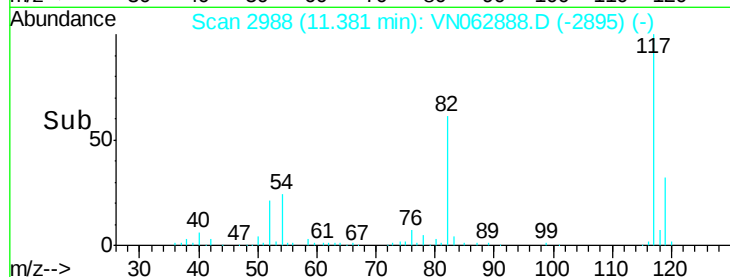
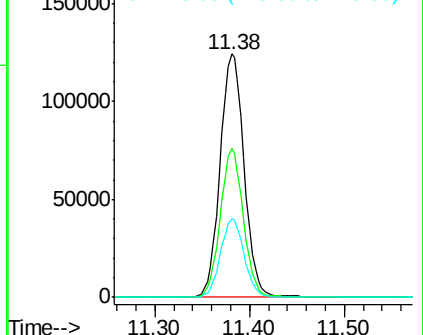
119 32.0 26.2 39.2



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: VN062888.D

Acq: 13 Aug 2020 4:45

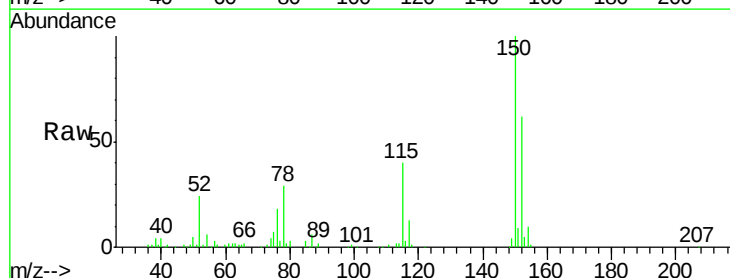
Tgt Ion:152 Resp: 79790

Ion Ratio Lower Upper

152 100

115 62.6 31.6 94.8

150 160.9 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

