

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062918.D
 Acq On : 13 Aug 2020 18:29
 Operator : JC/MD
 Sample : PB130936ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#01

Quant Time: Aug 14 08:52:09 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

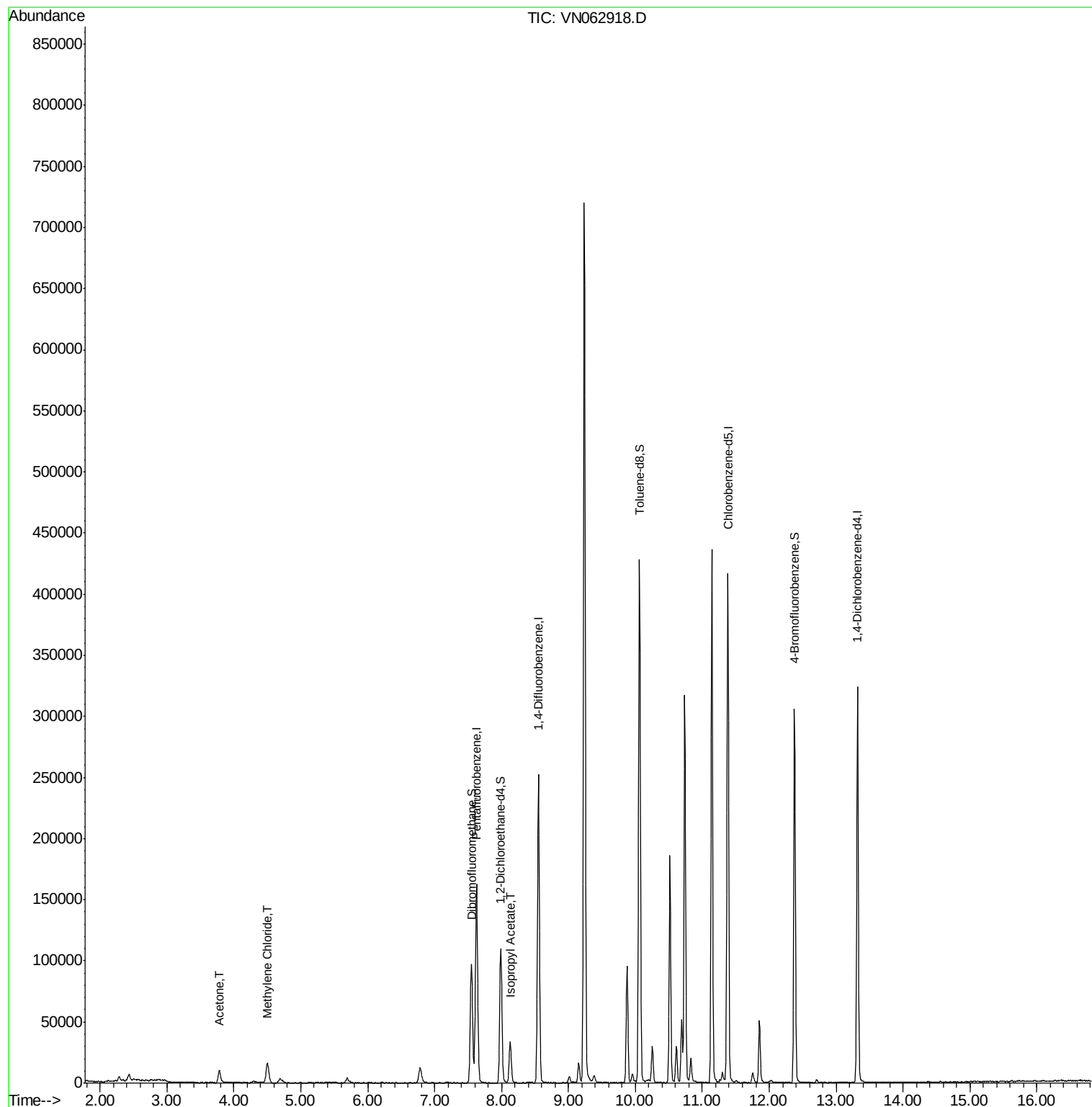
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	121978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	215480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107313	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	7.55	113	74715	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.06	98	291337	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.38	95	108648	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	3.78	43	17344	23.796	ug/l	100
20) Methylene Chloride	4.50	84	12795	8.969	ug/l	95
43) Isopropyl Acetate	8.13	43	40184	10.992	ug/l	99

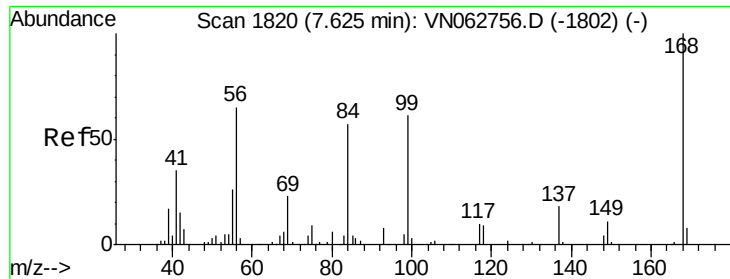
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062918.D

Acq: 13 Aug 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

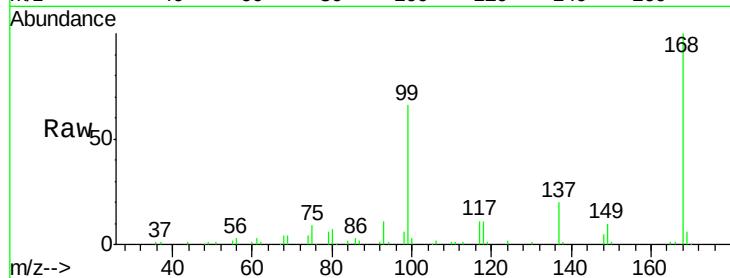
PB130936ZHE#01

Tot Ion:168 Resp: 121978

Ion Ratio Lower Upper

168 100

99 66.1 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

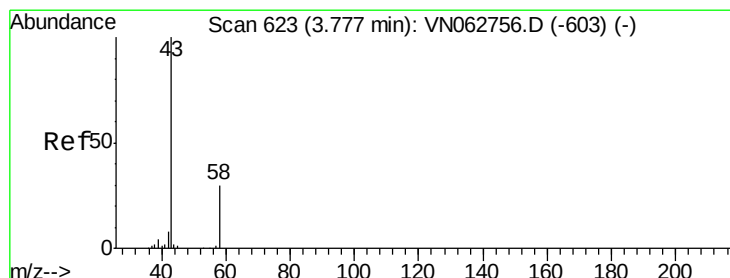
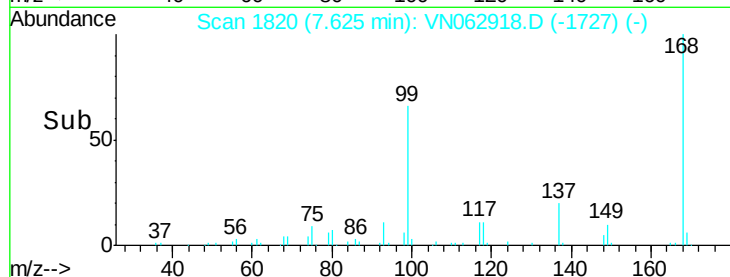
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 23.796 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062918.D

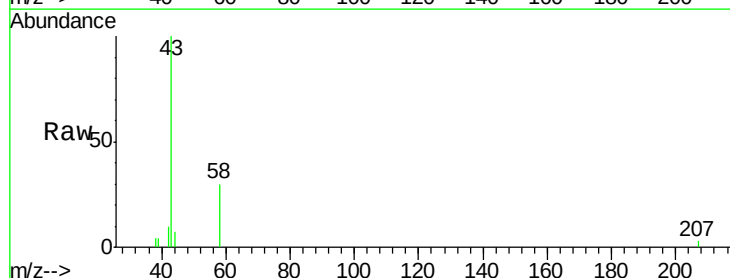
Acq: 13 Aug 2020 18:29

Tgt Ion: 43 Resp: 17344

Ion Ratio Lower Upper

43 100

58 29.8 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

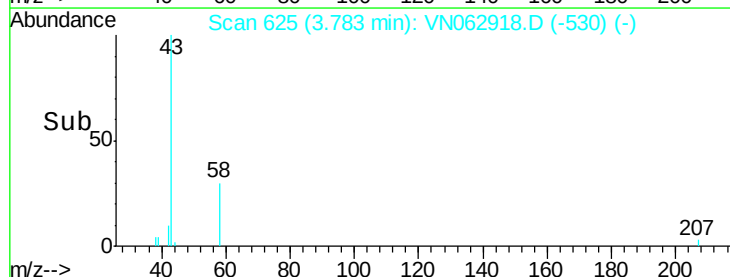
6000

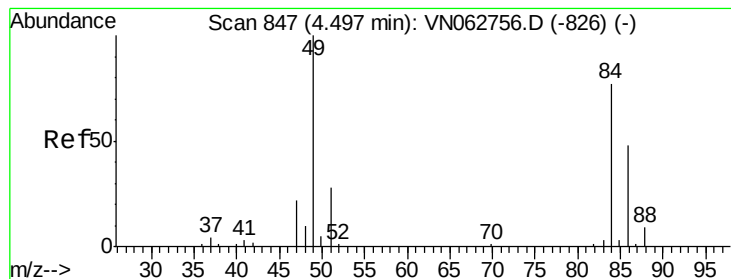
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 8.969 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062918.D

Acq: 13 Aug 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#01

Tot Ion: 84 Resp: 12795

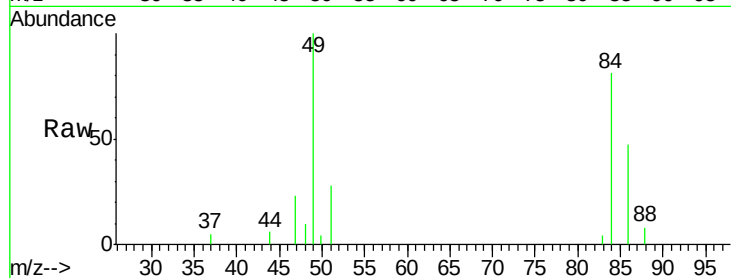
Ion Ratio Lower Upper

84 100

49 124.0 103.4 155.2

51 34.4 29.3 43.9

86 57.9 49.9 74.9

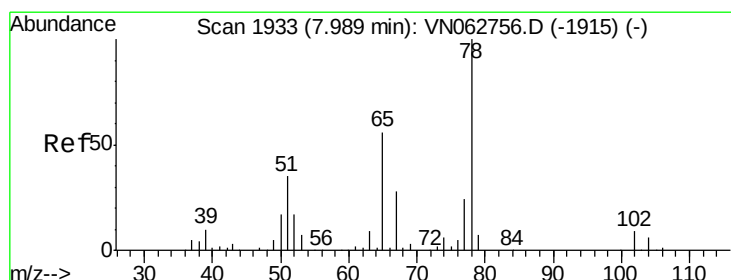
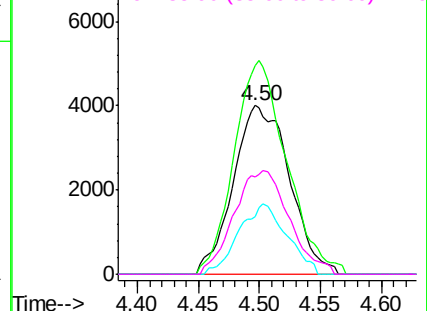
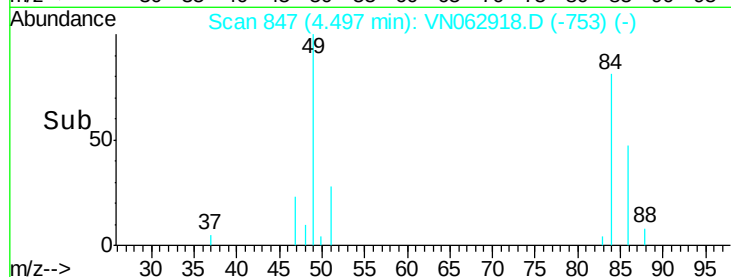


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 53.201 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062918.D

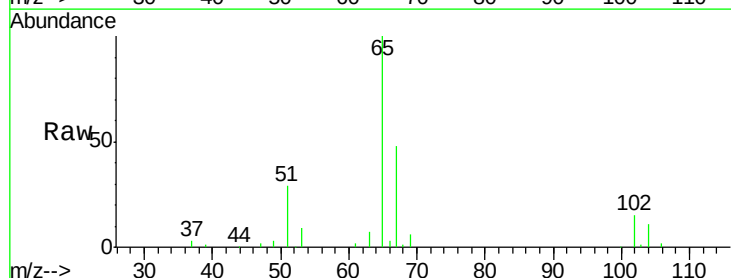
Acq: 13 Aug 2020 18:29

Tgt Ion: 65 Resp: 107313

Ion Ratio Lower Upper

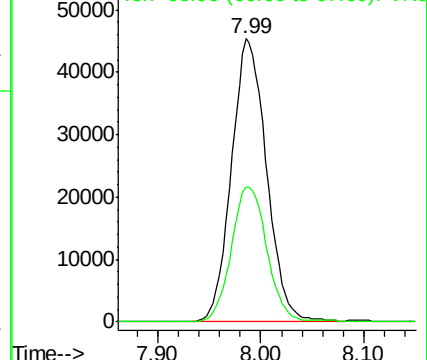
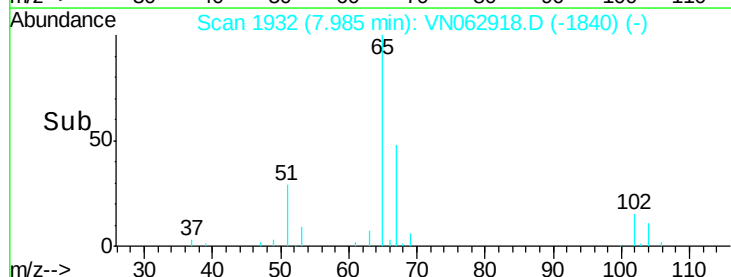
65 100

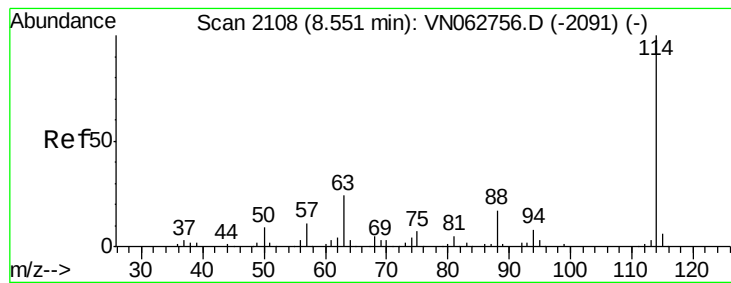
67 48.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062918.D

Acq: 13 Aug 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#01

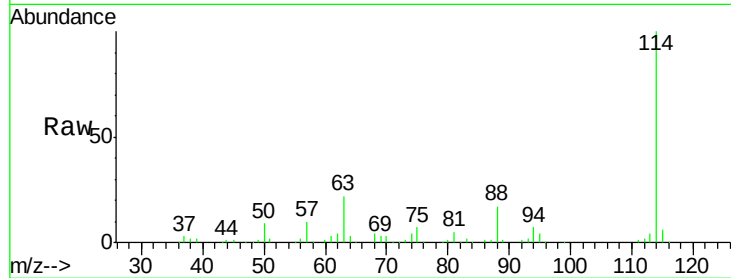
Tot Ion:114 Resp: 215480

Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

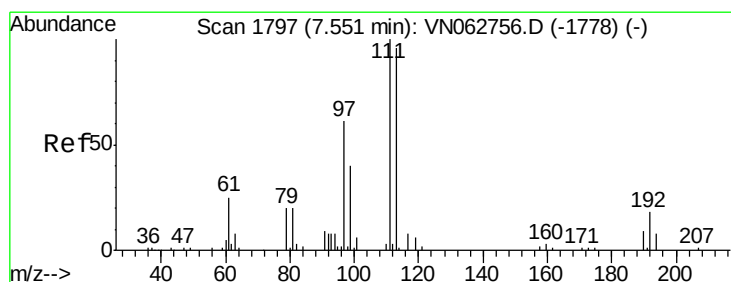
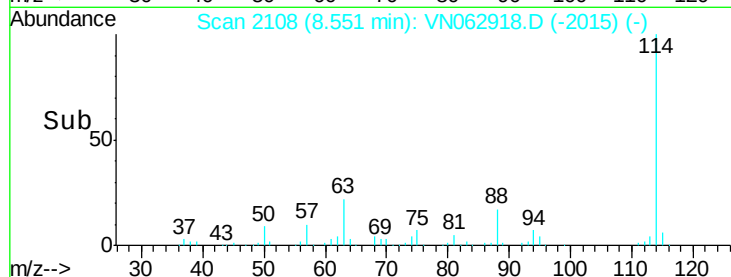
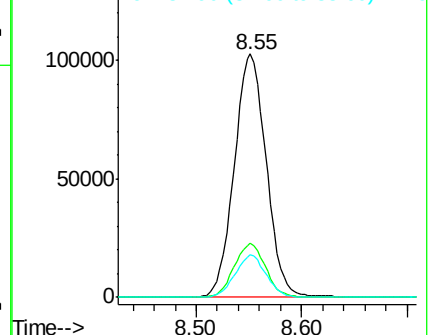
88 17.3 0.0 34.4



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: 50.688 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062918.D

Acq: 13 Aug 2020 18:29

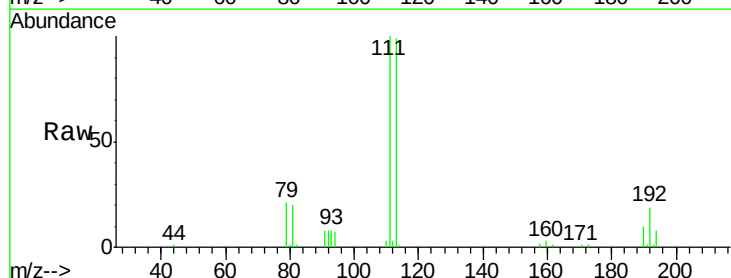
Tgt Ion:113 Resp: 74715

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.6

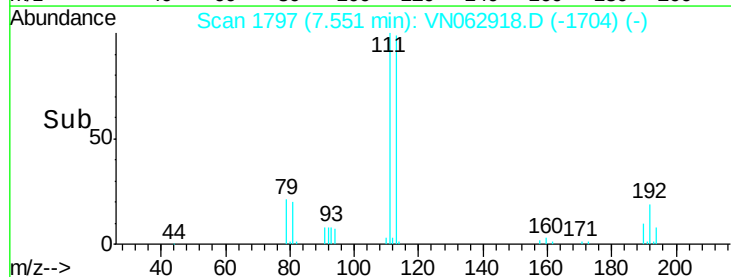
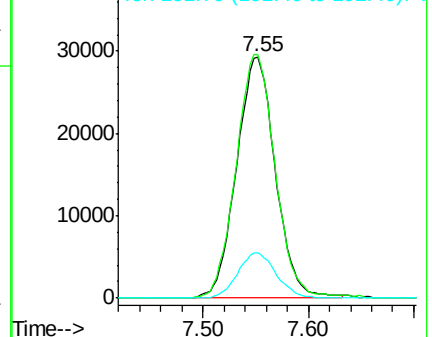
192 18.6 15.0 22.4

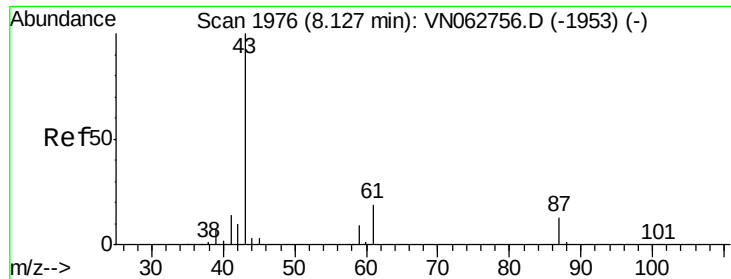


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



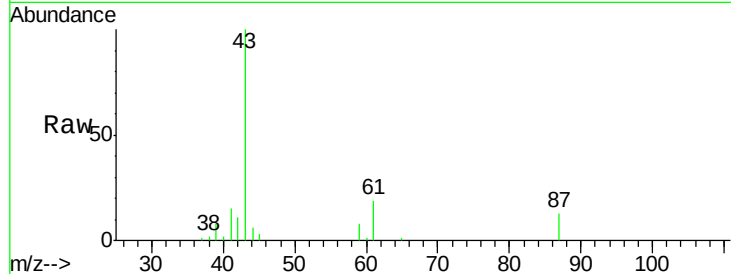


#43

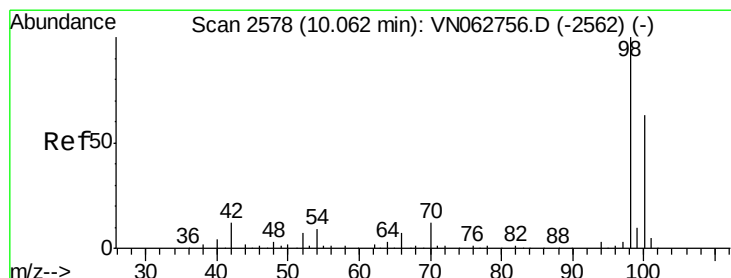
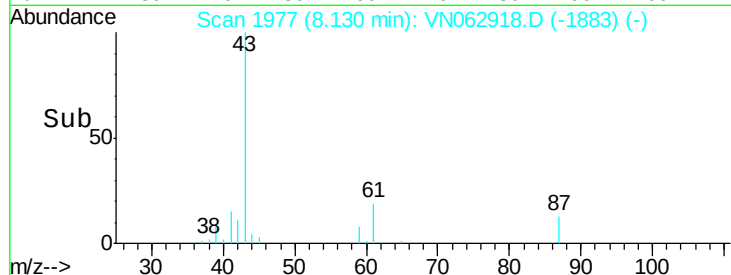
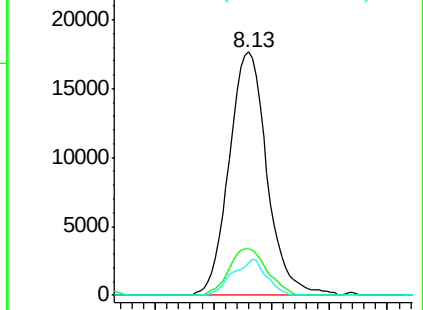
Isopropyl Acetate
 Concen: 10.992 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN062918.D
 Acq: 13 Aug 2020 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#01

Tot Ion	43	Resp	40184
Ion Ratio	100		
Lower	15.8		
Upper	23.6		
61	19.2		
87	13.0		
	9.9		



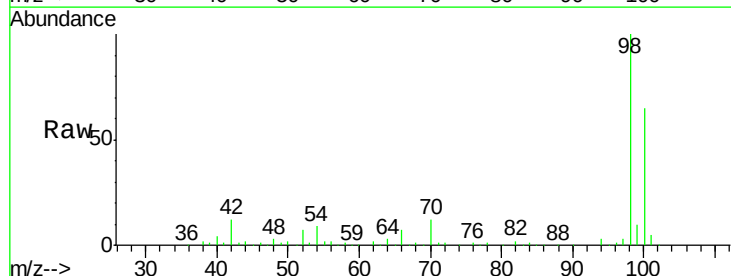
Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)



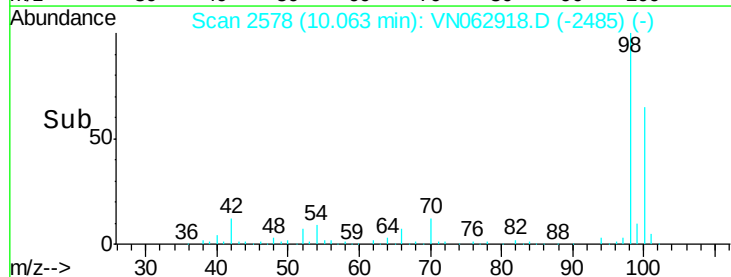
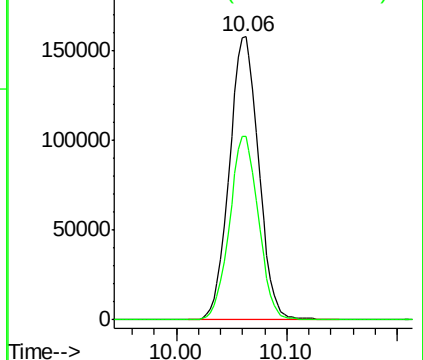
#50

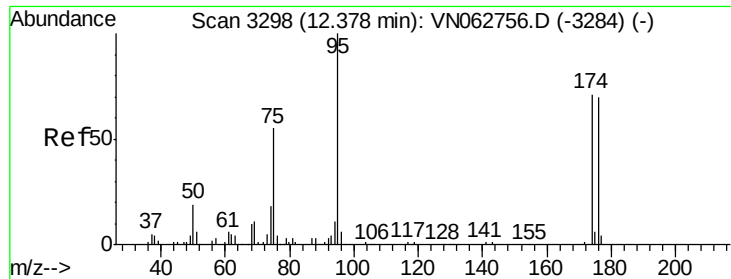
Toluene-d8
 Concen: 50.627 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN062918.D
 Acq: 13 Aug 2020 18:29

Tgt Ion	98	Resp	291337
Ion Ratio	100		
Lower	50.9		
Upper	76.3		
100	63.8		



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 49.961 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062918.D

Acq: 13 Aug 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#01

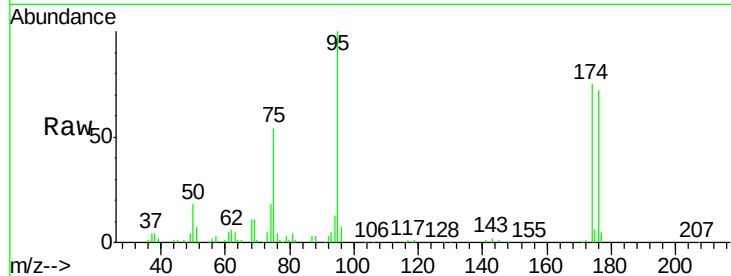
Tot Ion: 95 Resp: 108648

Ion Ratio Lower Upper

95 100

174 74.4 0.0 144.8

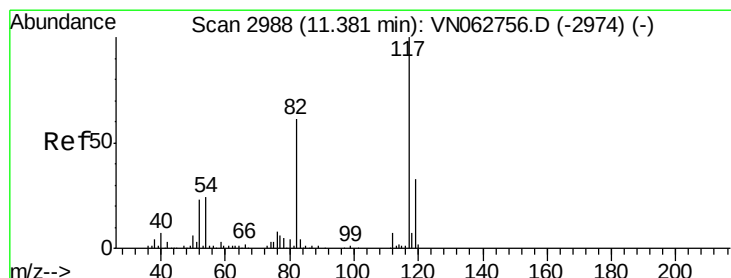
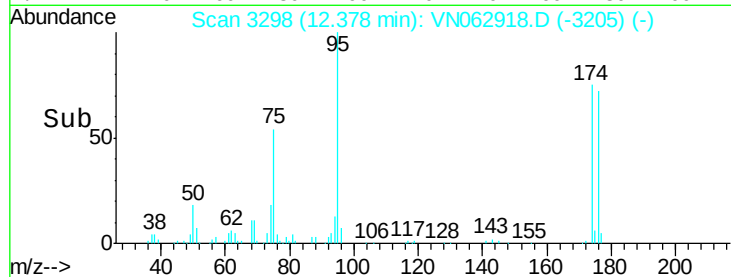
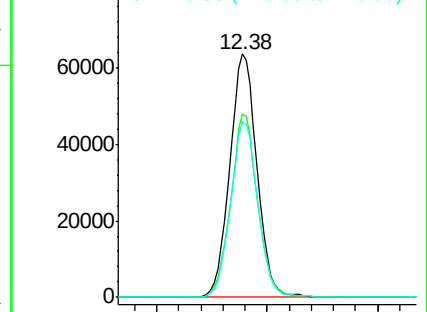
176 72.5 0.0 142.2



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: VN062918.D

Acq: 13 Aug 2020 18:29

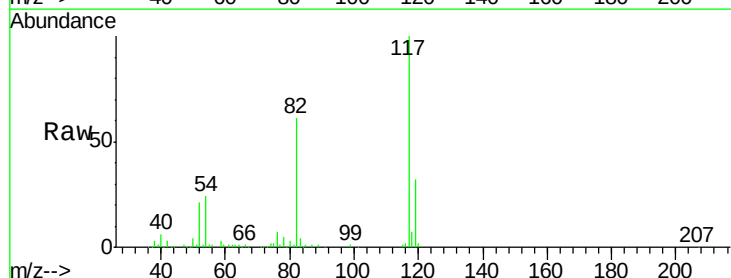
Tgt Ion: 117 Resp: 230722

Ion Ratio Lower Upper

117 100

82 60.7 49.0 73.4

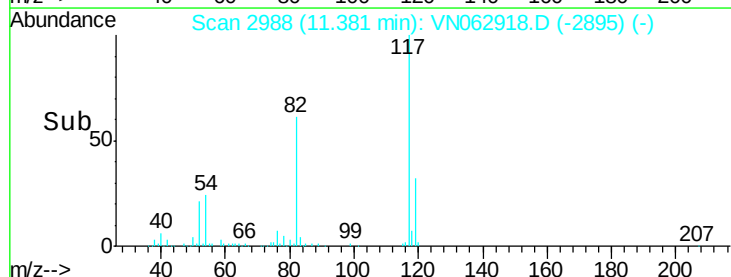
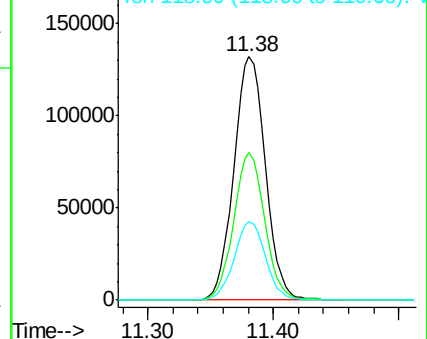
119 32.3 26.2 39.2

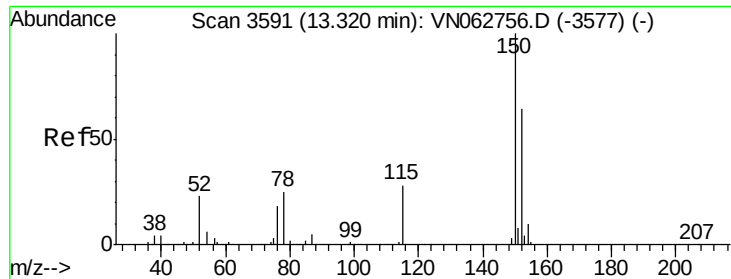


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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: VN062918.D

Acq: 13 Aug 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#01

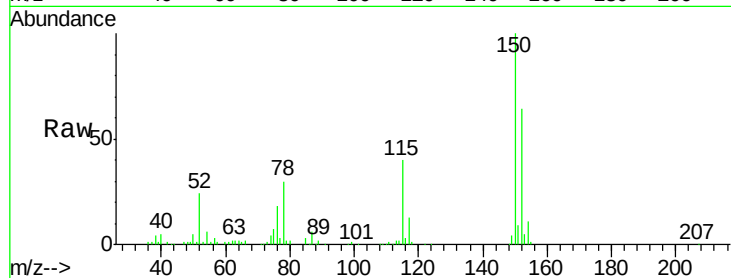
Tot Ion:152 Resp: 84462

Ion Ratio Lower Upper

152 100

115 63.8 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

