

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062870.D
 Acq On : 12 Aug 2020 20:38
 Operator : JC/MD
 Sample : L3508-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-081120

Quant Time: Aug 13 06:45:27 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

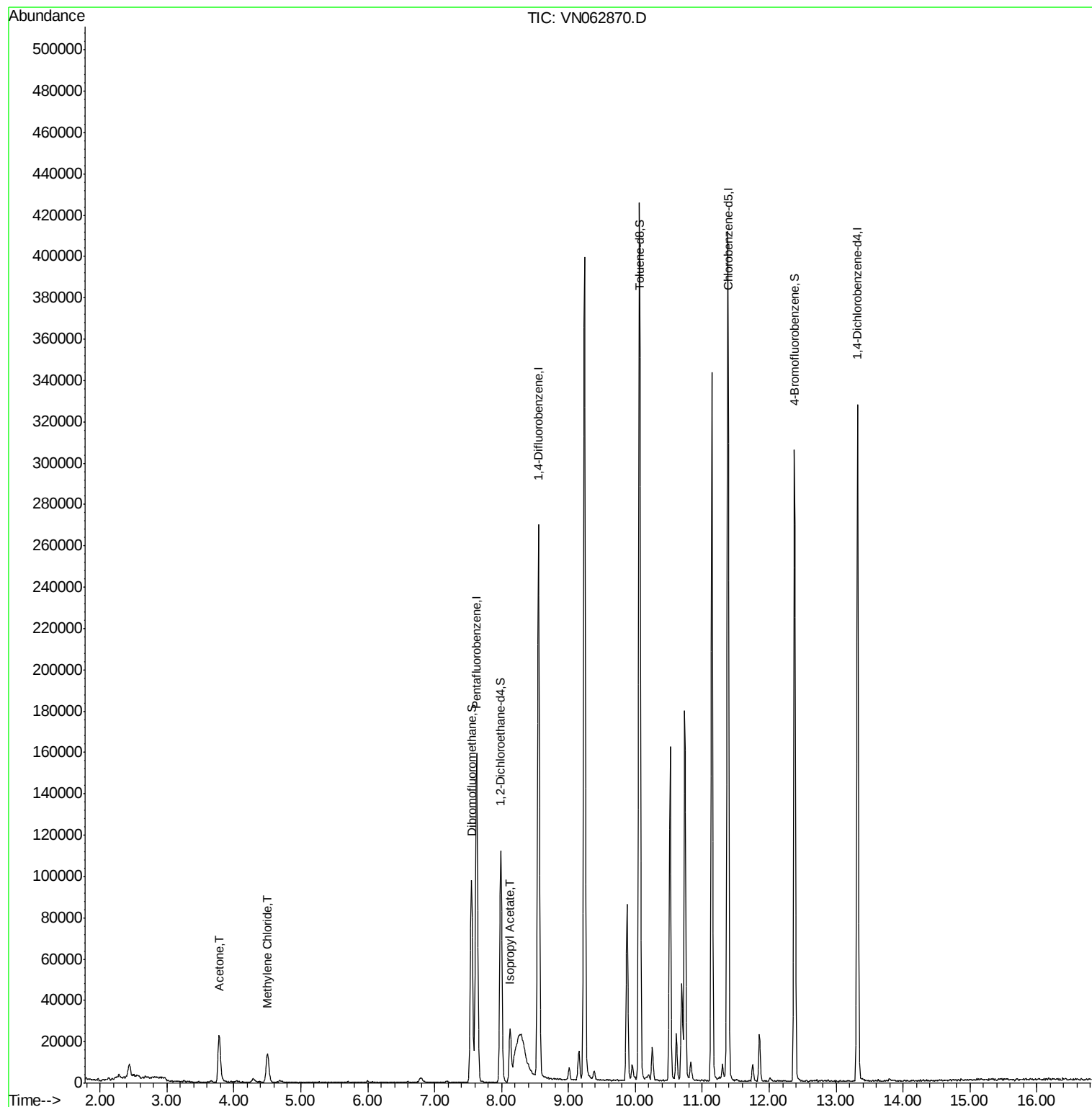
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	121314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	224027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	231630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106751	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	7.55	113	74519	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.06	98	294180	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.38	95	107511	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
16) Acetone	3.78	43	39434	54.399	ug/l	98
20) Methylene Chloride	4.50	84	11421	7.970	ug/l	86
43) Isopropyl Acetate	8.13	43	32390	8.522	ug/l #	94

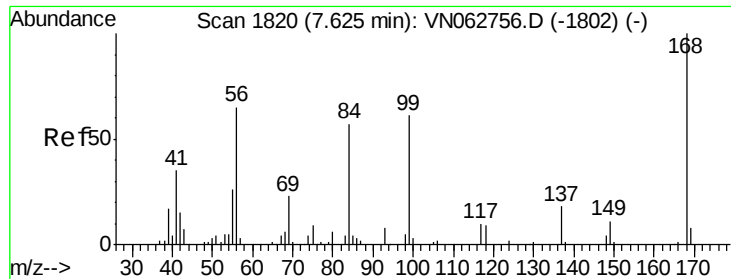
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062870.D

Acq: 12 Aug 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

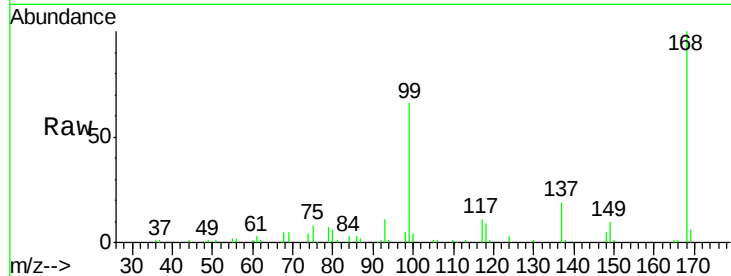
TR-05-081120

Tot Ion:168 Resp: 121314

Ion Ratio Lower Upper

168 100

99 66.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062870.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062870.D (-1727) (-)

7.63

60000

50000

40000

30000

20000

10000

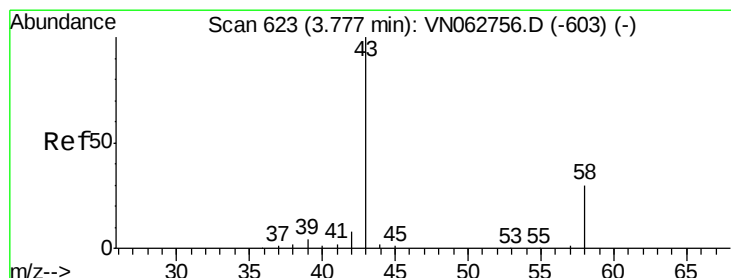
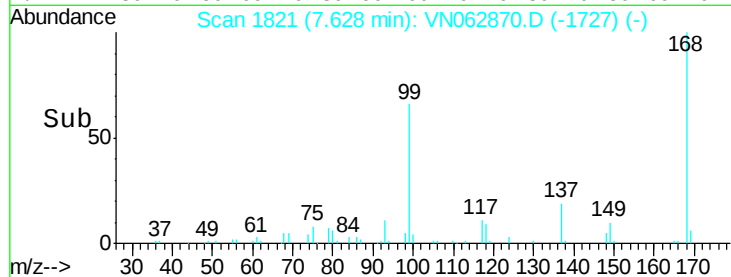
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 54.399 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062870.D

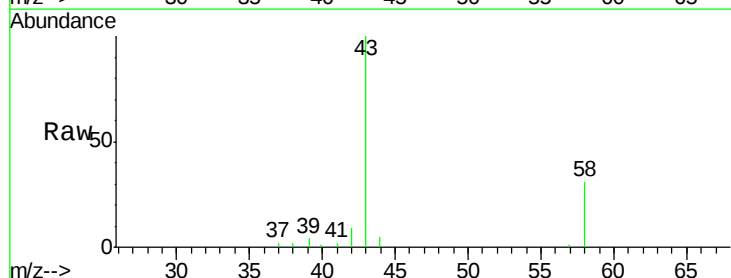
Acq: 12 Aug 2020 20:38

Tgt Ion: 43 Resp: 39434

Ion Ratio Lower Upper

43 100

58 31.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062870.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062870.D (-530) (-)

3.78

15000

10000

5000

0

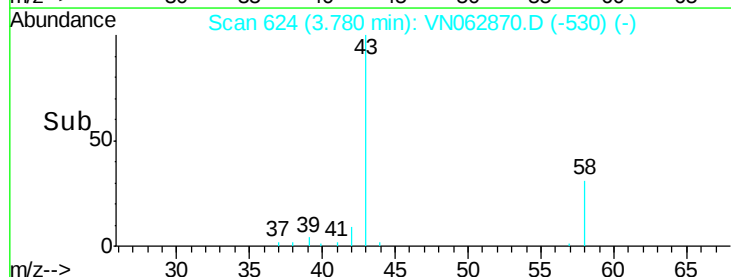
Time-->

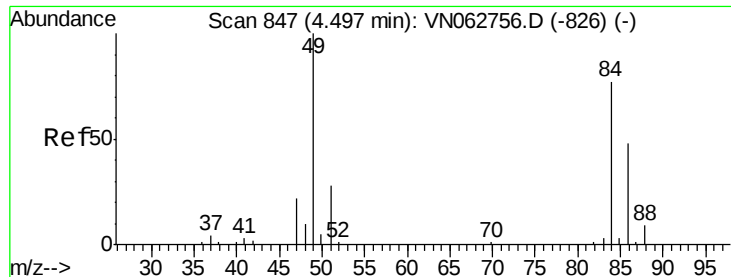
3.70

3.75

3.80

3.85

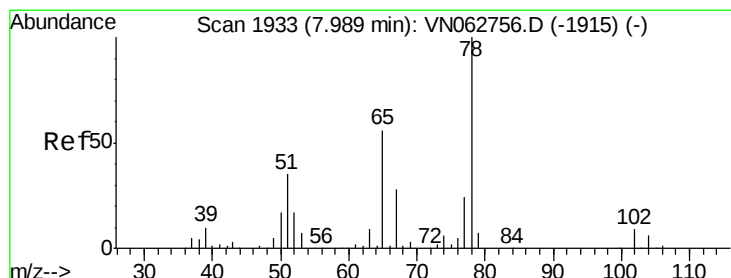
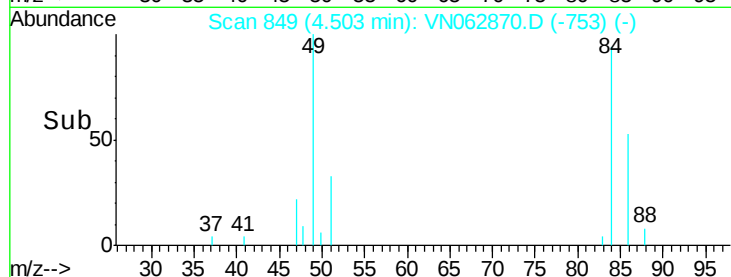
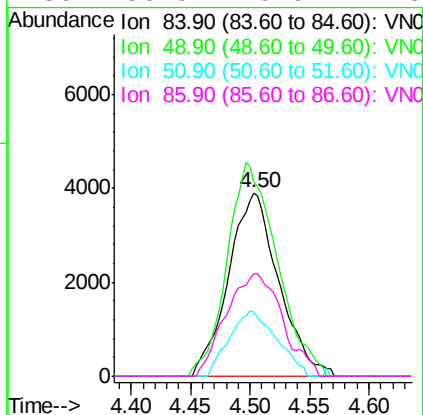
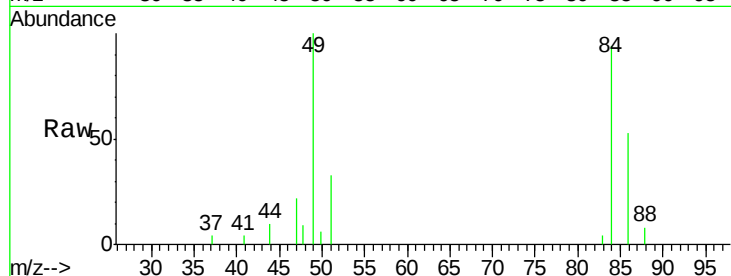




#20
Methvlene Chloride
Concen: 7.970 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062870.D
Acq: 12 Aug 2020 20:38

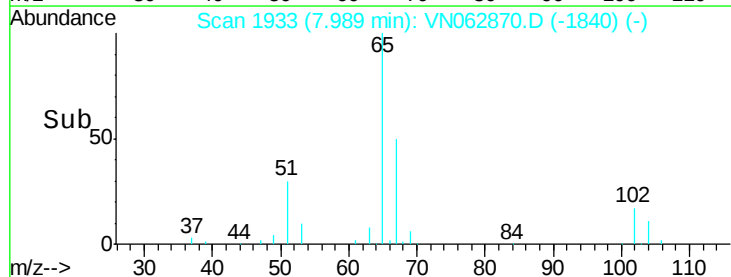
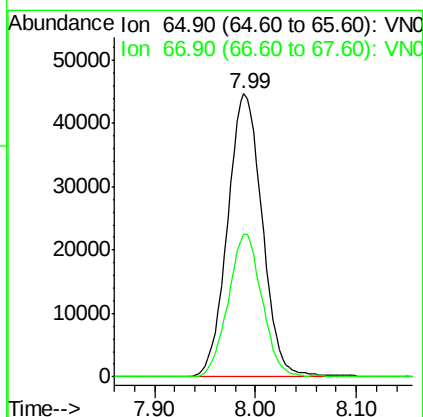
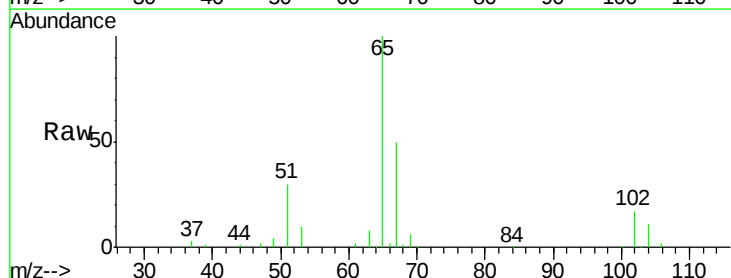
Instrument :
MSVOA_N
ClientSampled :
TR-05-081120

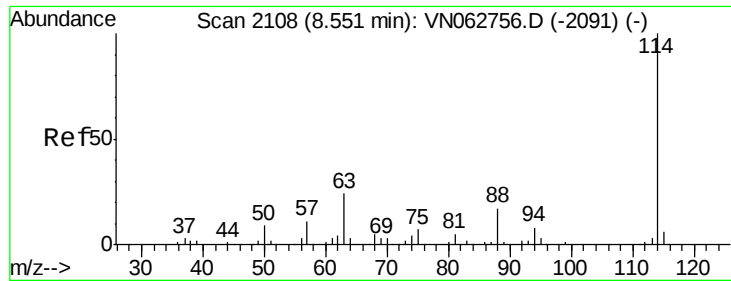
Tot Ion: 84 Resp: 11421
Ion Ratio Lower Upper
84 100
49 106.3 103.4 155.2
51 35.2 29.3 43.9
86 56.0 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 53.212 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062870.D
Acq: 12 Aug 2020 20:38

Tgt Ion: 65 Resp: 106751
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.4

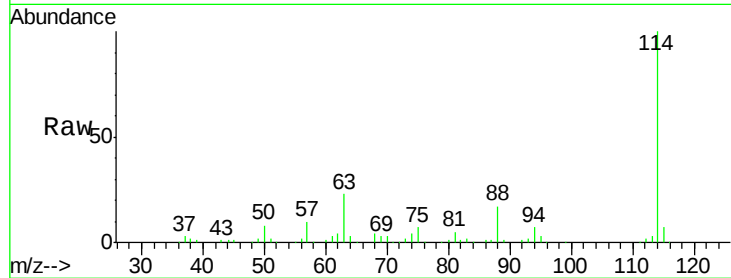




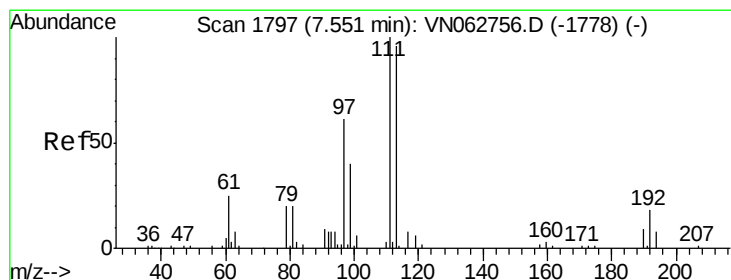
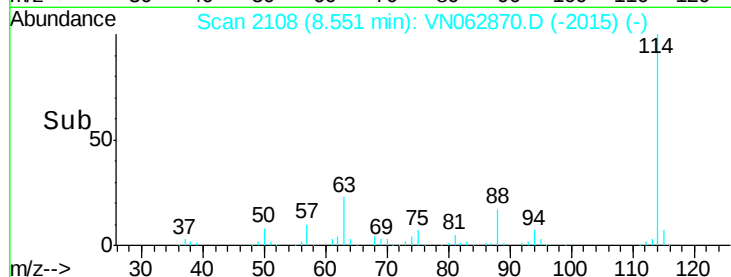
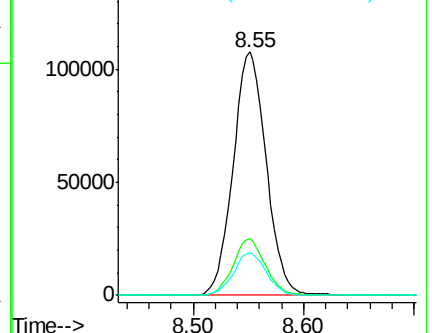
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062870.D
 Acq: 12 Aug 2020 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-081120

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.6
88	17.4	0.0	34.4

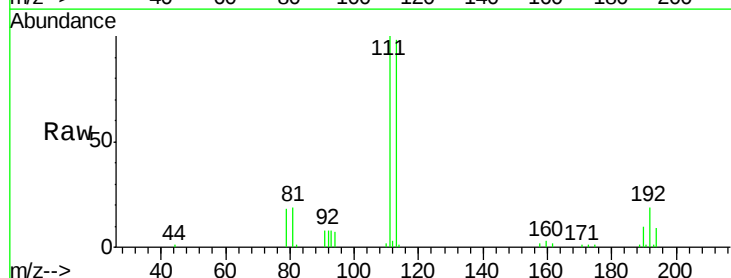


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

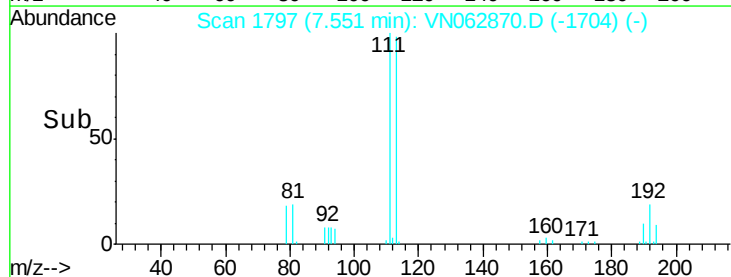
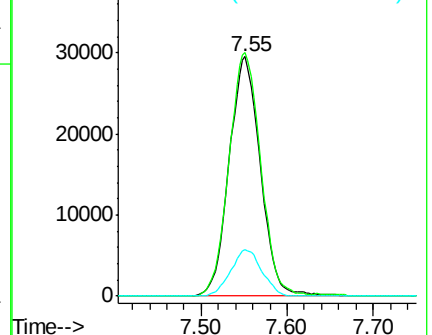


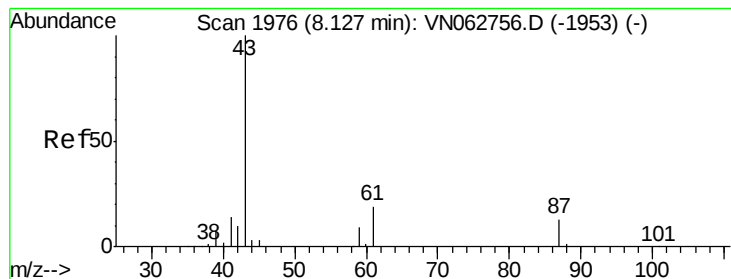
#35
 Dibromofluoromethane
 Concen: 48.627 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062870.D
 Acq: 12 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	19.3	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: 8.522 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062870.D

Acq: 12 Aug 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

TR-05-081120

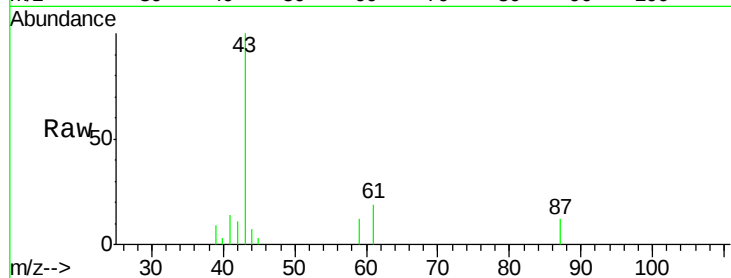
Tot Ion: 43 Resp: 32390

Ion Ratio Lower Upper

43 100

61 19.3 15.8 23.6

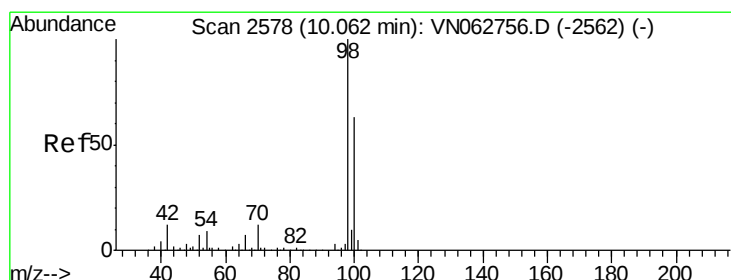
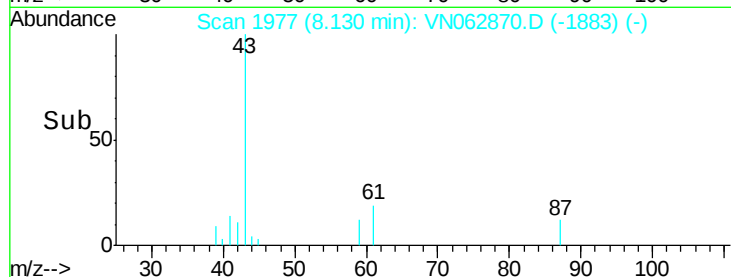
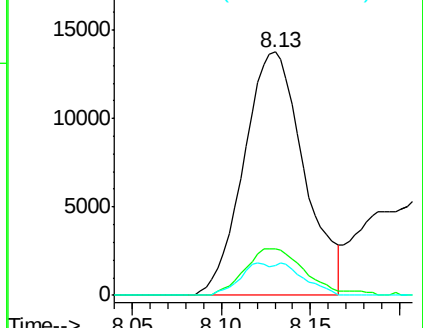
87 6.6 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VN062870.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062870.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062870.D (-1883) (-)



#50

Toluene-d8

Concen: 49.170 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062870.D

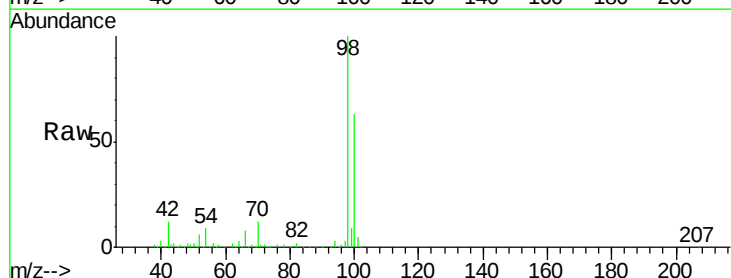
Acq: 12 Aug 2020 20:38

Tgt Ion: 98 Resp: 294180

Ion Ratio Lower Upper

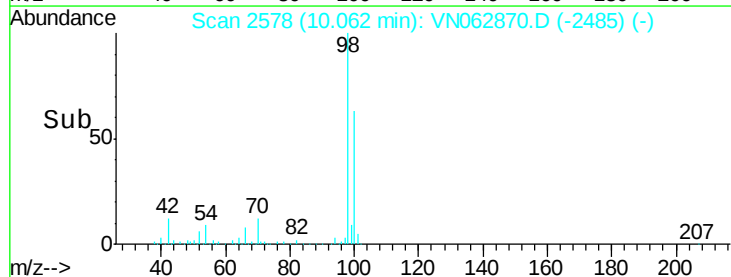
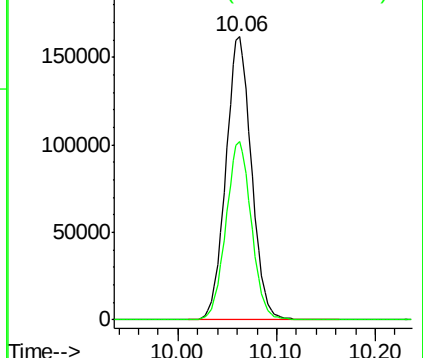
98 100

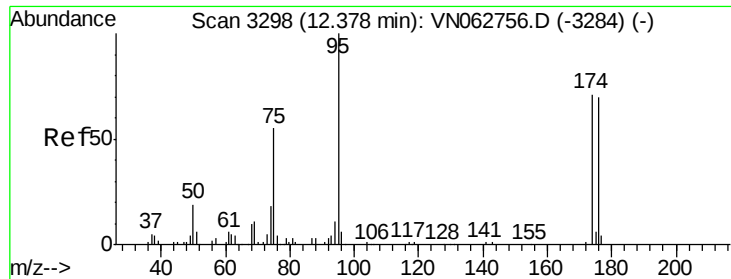
100 62.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062870.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062870.D (-2485) (-)





#62

4-Bromofluorobenzene

Concen: 47.552 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062870.D

Acq: 12 Aug 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

TR-05-081120

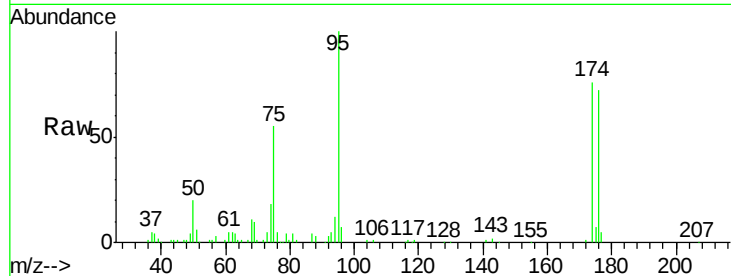
Tot Ion: 95 Resp: 107511

Ion Ratio Lower Upper

95 100

174 76.1 0.0 144.8

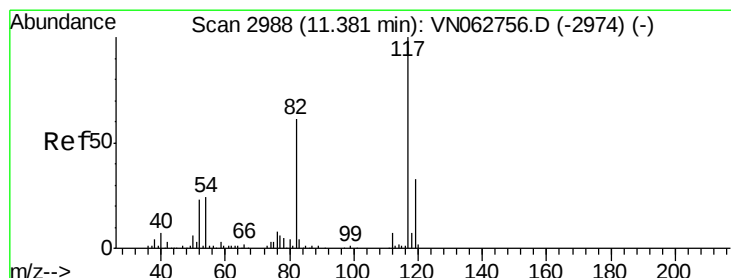
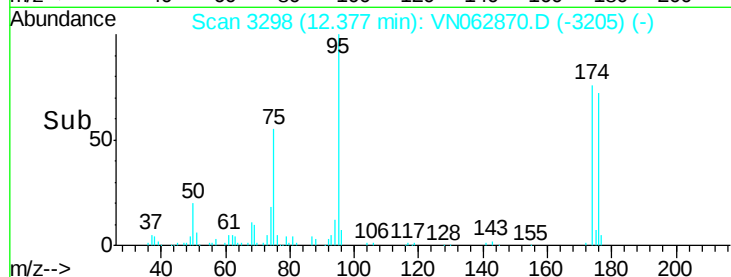
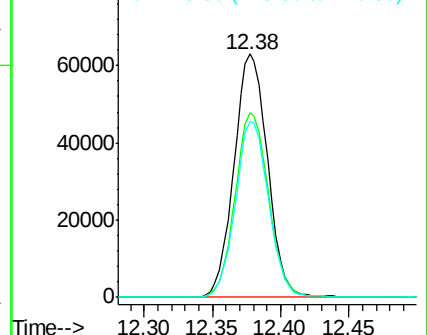
176 71.6 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062870.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062870.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062870.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062870.D

Acq: 12 Aug 2020 20:38

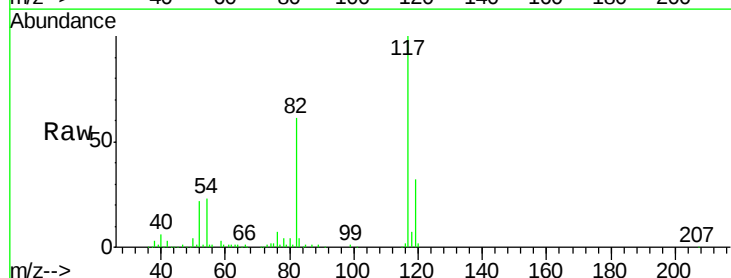
Tgt Ion: 117 Resp: 231630

Ion Ratio Lower Upper

117 100

82 60.7 49.0 73.4

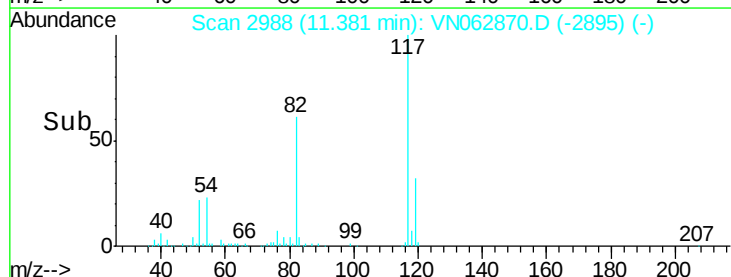
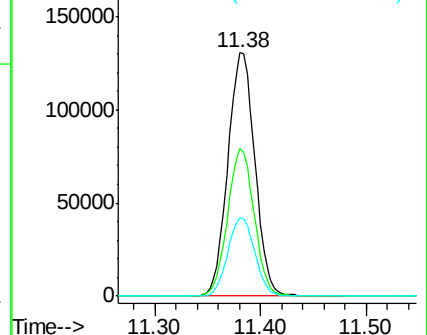
119 32.4 26.2 39.2

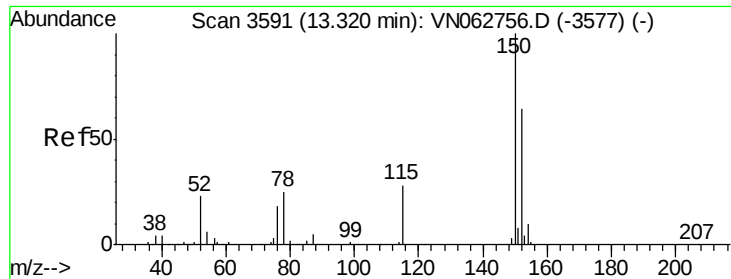


Abundance Ion 116.90 (116.60 to 117.60): VN062870.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062870.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062870.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062870.D

Acq: 12 Aug 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

TR-05-081120

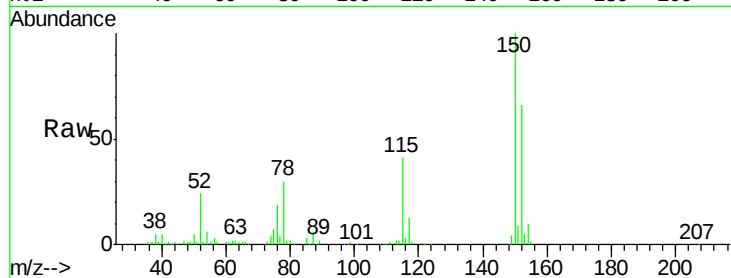
Tot Ion:152 Resp: 85917

Ion Ratio Lower Upper

152 100

115 62.3 31.6 94.8

150 157.1 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

