

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062889.D
 Acq On : 13 Aug 2020 5:09
 Operator : JC/MD
 Sample : L3508-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-081120

Quant Time: Aug 13 07:50:03 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

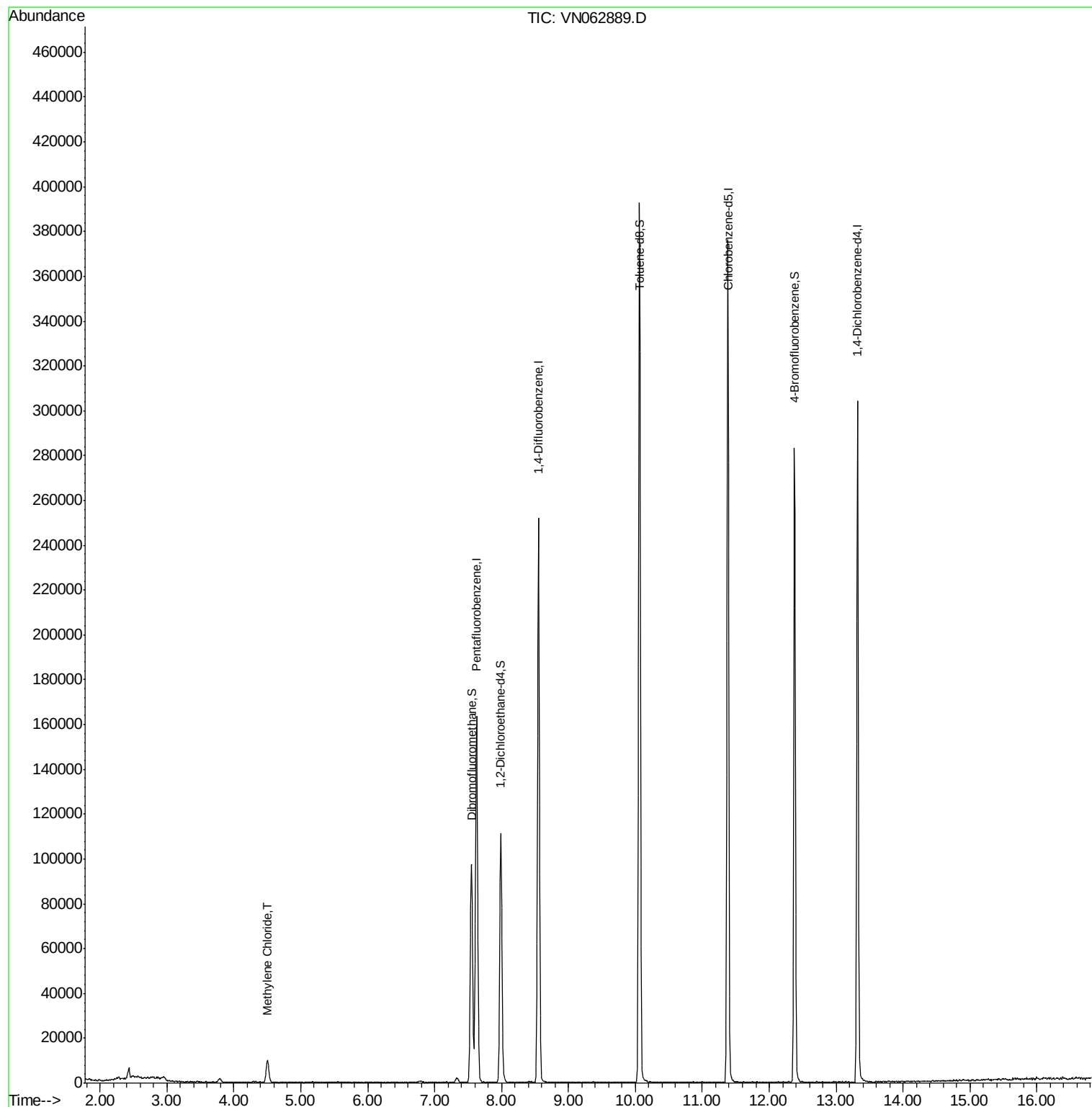
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	209218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104941	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	7.55	113	74835	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.06	98	274138	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.38	95	100714	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
20) Methylene Chloride	4.50	84	7526	4.898	ug/l	Qvalue 93

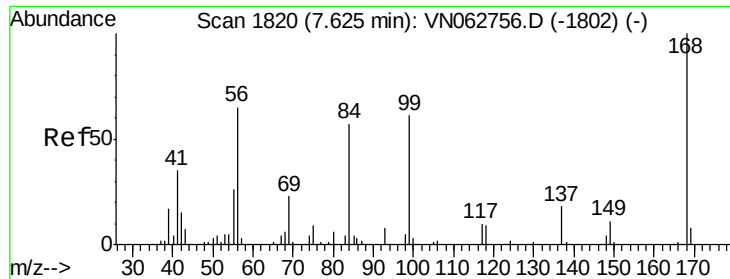
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062889.D

Acq: 13 Aug 2020 5:09

Instrument :

MSVOA_N

ClientSampleId :

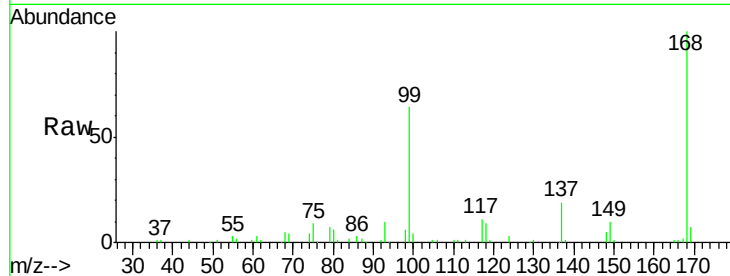
TR-05-081120

Tot Ion:168 Resp: 123264

Ion Ratio Lower Upper

168 100

99 63.7 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

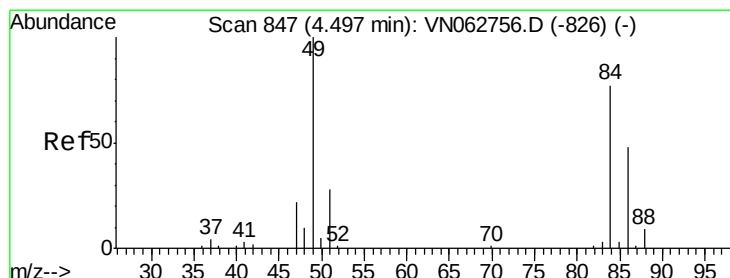
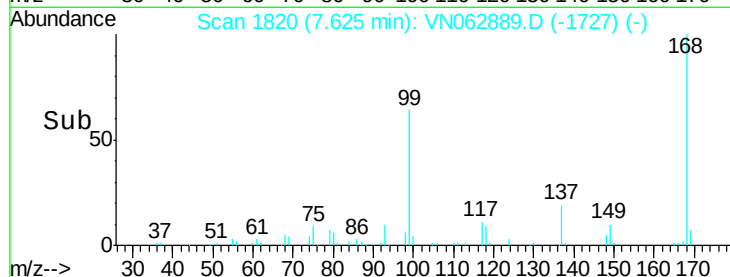
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 4.898 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062889.D

Acq: 13 Aug 2020 5:09

Tgt Ion: 84 Resp: 7526

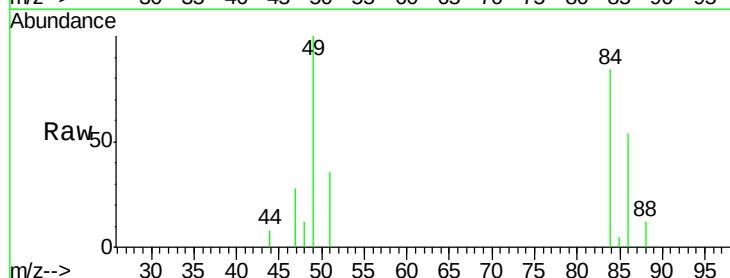
Ion Ratio Lower Upper

84 100

49 118.6 103.4 155.2

51 42.4 29.3 43.9

86 63.8 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

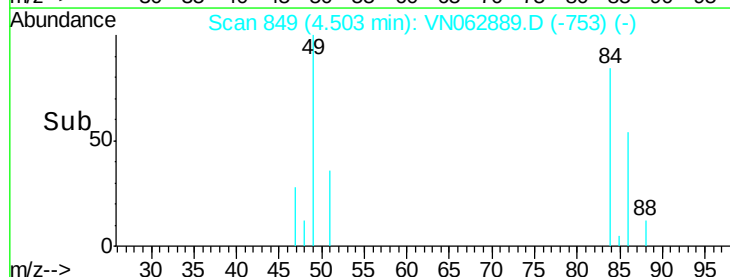
3000

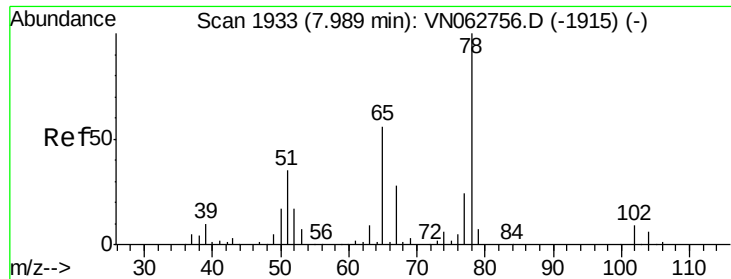
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.482 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062889.D

Acq: 13 Aug 2020 5:09

Instrument :

MSVOA_N

ClientSampled :

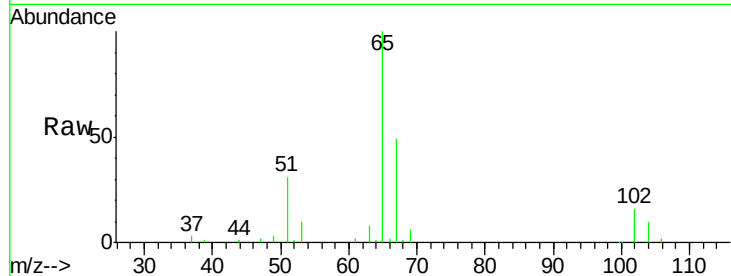
TR-05-081120

Tot Ion: 65 Resp: 104941

Ion Ratio Lower Upper

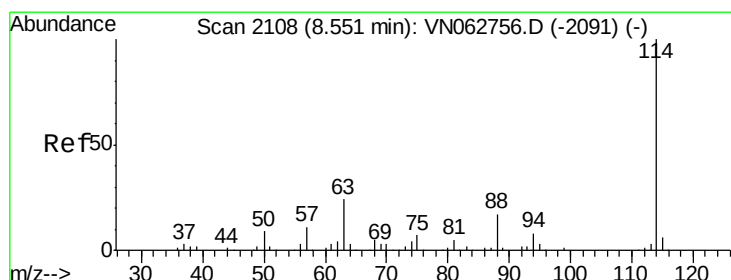
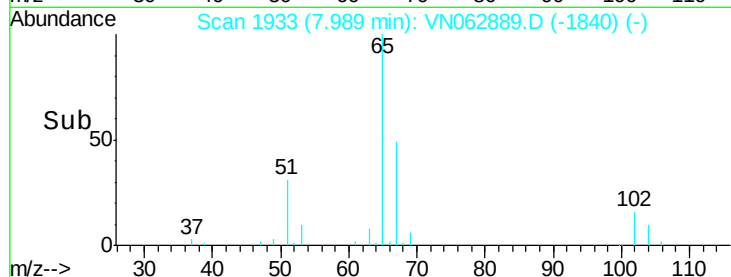
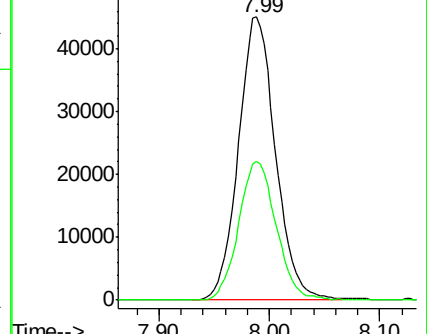
65 100

67 49.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062889.D

Acq: 13 Aug 2020 5:09

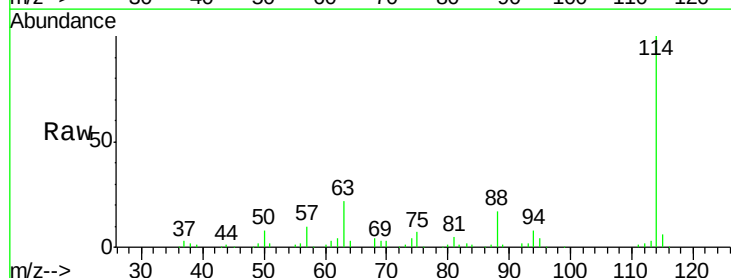
Tgt Ion: 114 Resp: 209218

Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.6

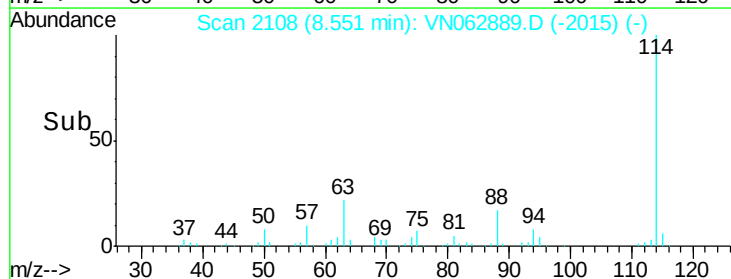
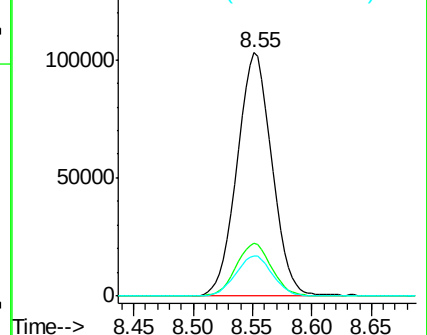
88 16.6 0.0 34.4

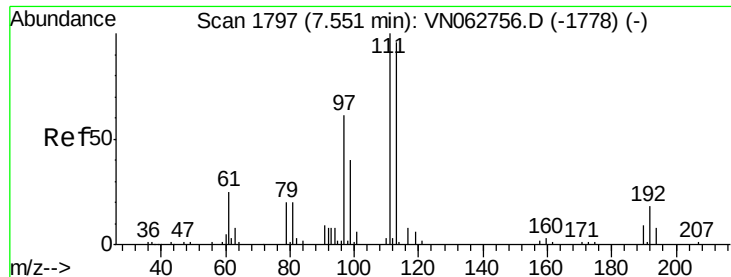


Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)

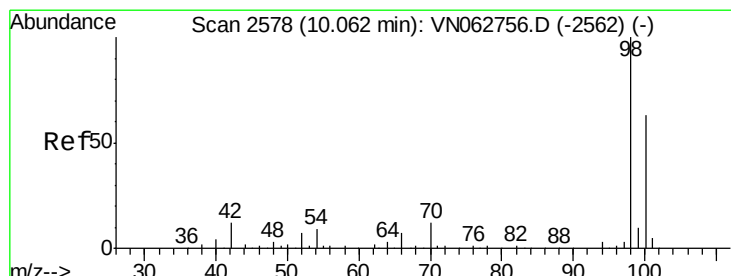
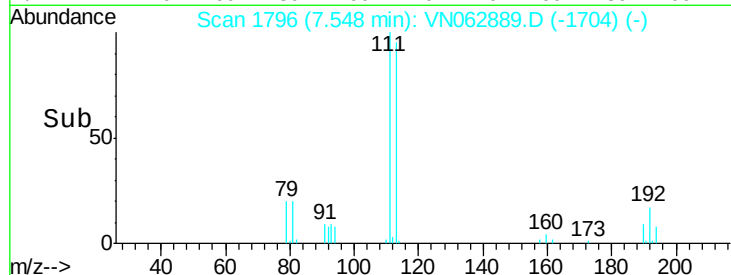
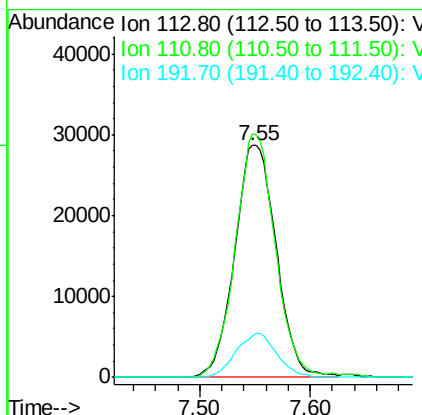
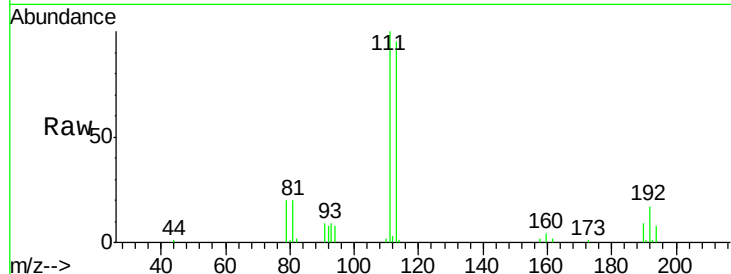




#35
 Dibromofluoromethane
 Concen: 52.289 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062889.D
 Acq: 13 Aug 2020 5:09

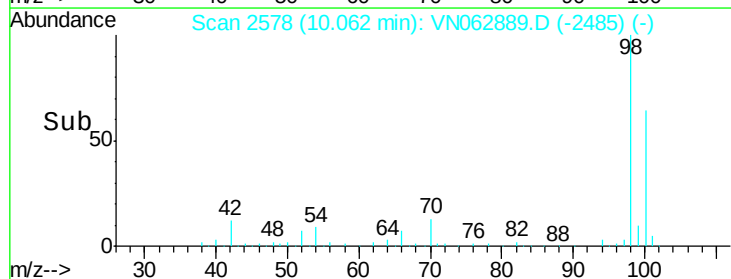
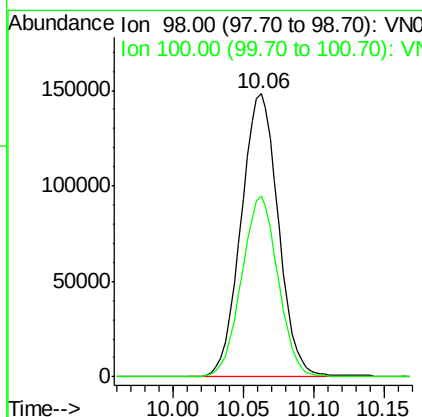
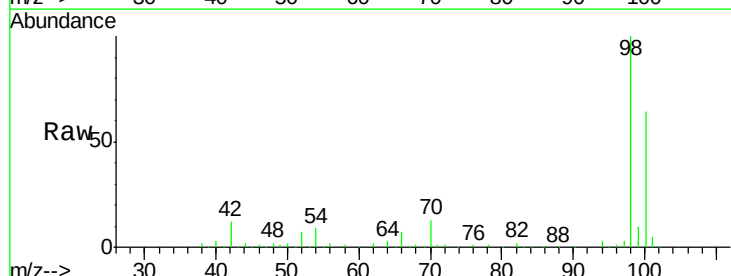
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-081120

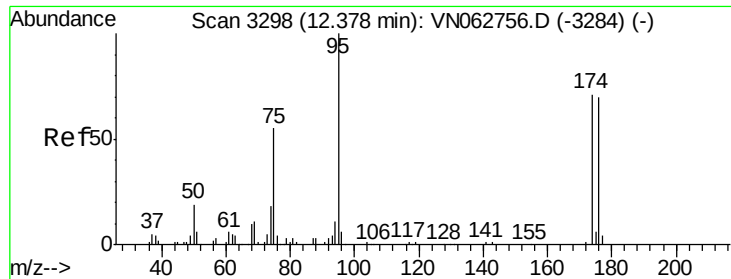
Tot Ion:113 Resp: 74835
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.8 122.6
 192 18.5 15.0 22.4



#50
 Toluene-d8
 Concen: 49.064 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: VN062889.D
 Acq: 13 Aug 2020 5:09

Tgt Ion: 98 Resp: 274138
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.9 76.3

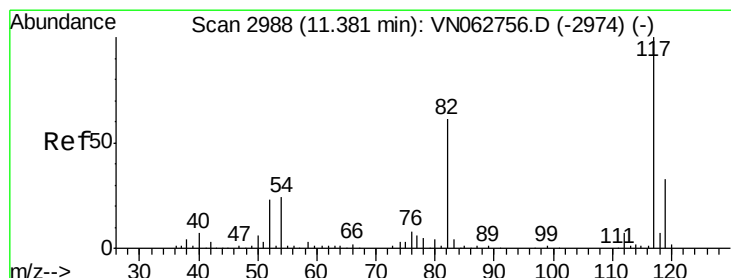
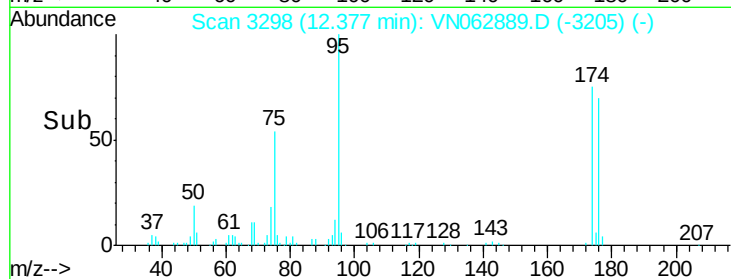
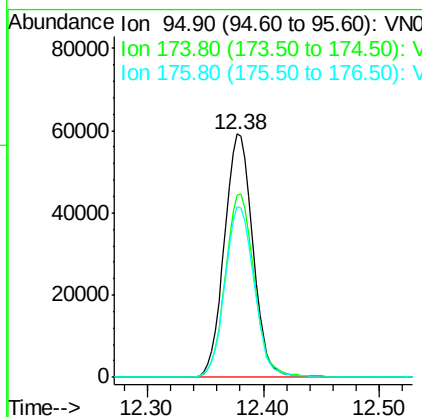
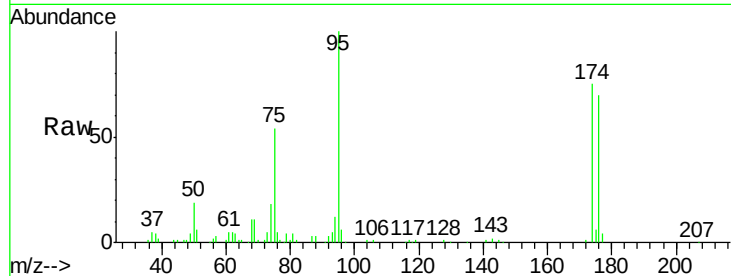




#62
4-Bromofluorobenzene
Concen: 47.698 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062889.D
Acq: 13 Aug 2020 5:09

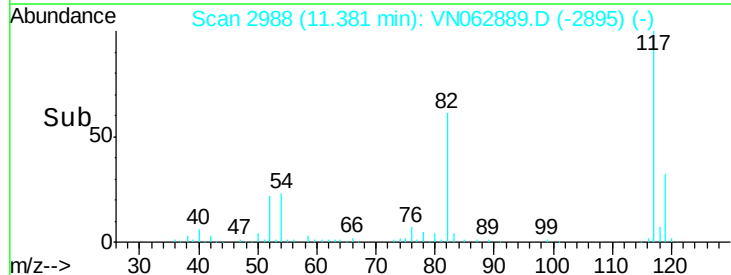
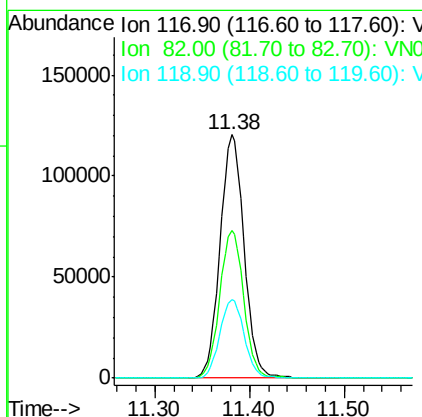
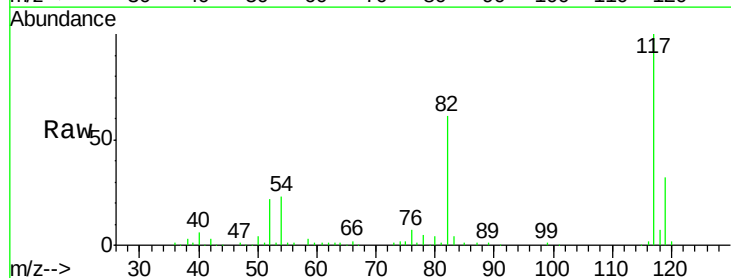
Instrument :
MSVOA_N
ClientSampled :
TR-05-081120

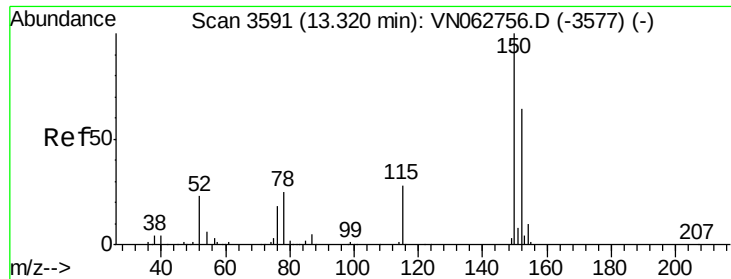
Tot Ion: 95 Resp: 100714
Ion Ratio Lower Upper
95 100
174 76.3 0.0 144.8
176 71.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062889.D
Acq: 13 Aug 2020 5:09

Tgt Ion: 117 Resp: 213245
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.4
119 32.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062889.D

Acq: 13 Aug 2020 5:09

Instrument :

MSVOA_N

ClientSampleId :

TR-05-081120

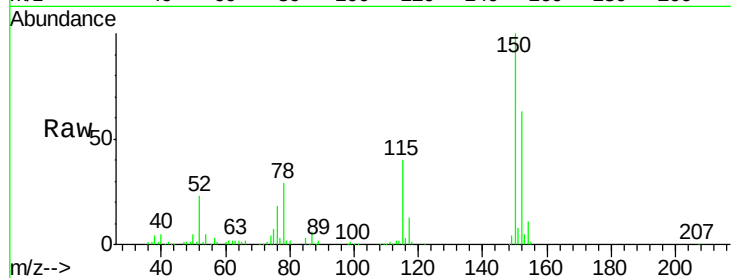
Tot Ion:152 Resp: 80424

Ion Ratio Lower Upper

152 100

115 64.4 31.6 94.8

150 159.2 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

