

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064000.D
 Acq On : 8 Oct 2020 18:53
 Operator : JC/MD
 Sample : L4255-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-456I-20200928

Quant Time: Oct 09 06:39:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

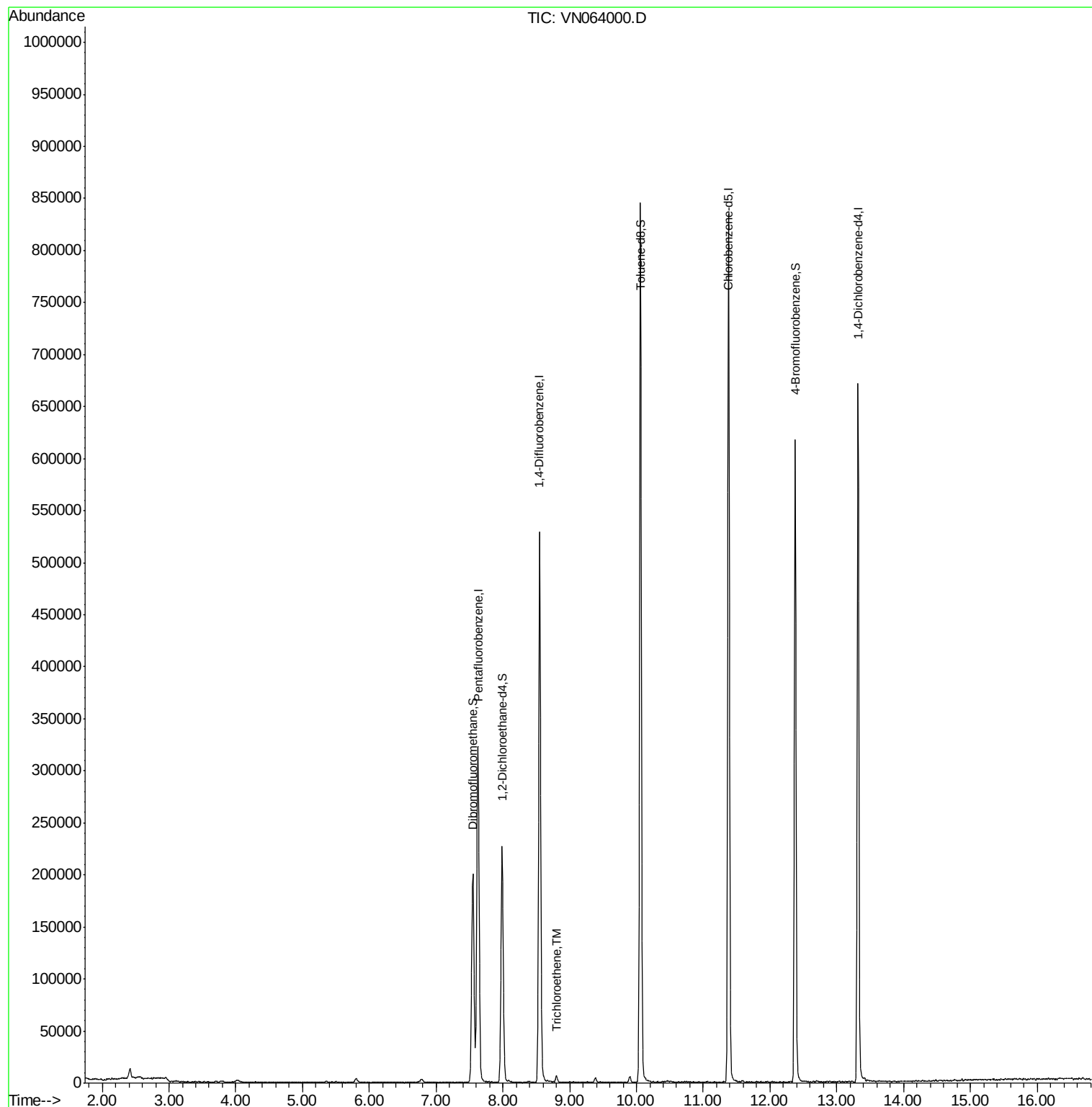
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203357	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	154451	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.06	98	567447	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.38	95	213302	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
44) Trichloroethene	8.80	130	1905	0.567	ug/l	Qvalue 90

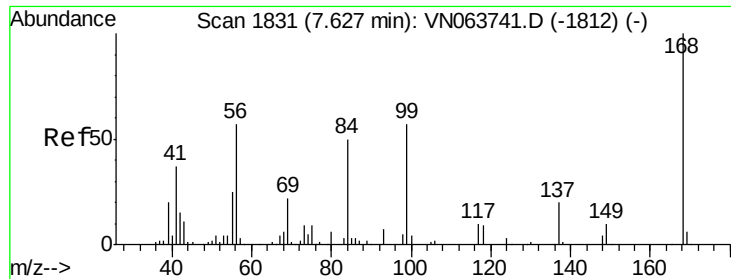
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

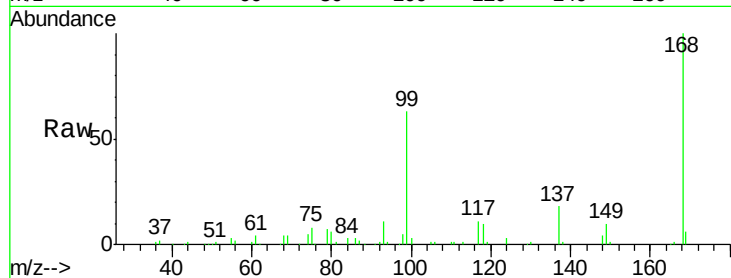
FT-PZ-4561-20200928

Tot Ion:168 Resp: 245335

Ion Ratio Lower Upper

168 100

99 62.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

120000

100000

80000

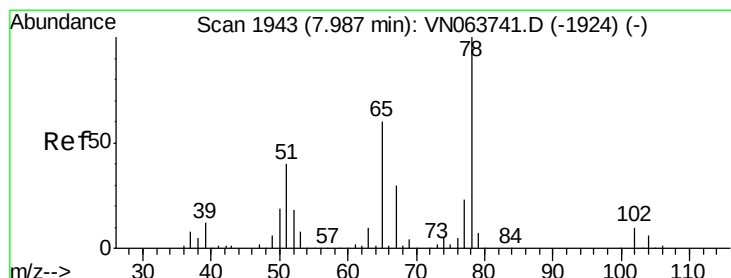
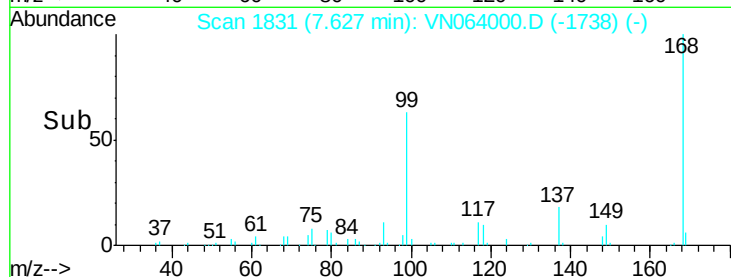
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.173 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064000.D

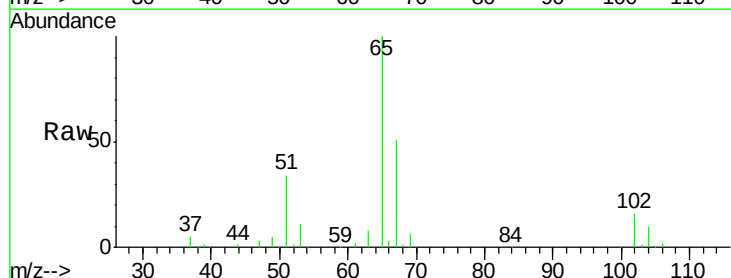
Acq: 8 Oct 2020 18:53

Tgt Ion: 65 Resp: 203357

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

100000

80000

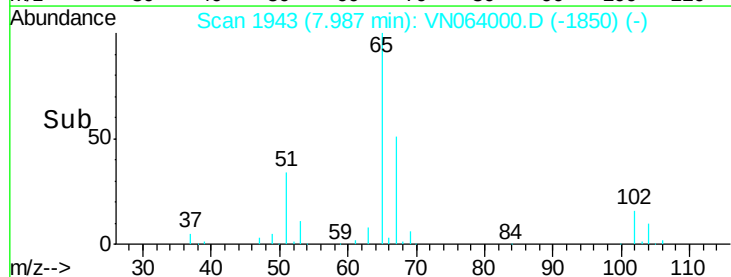
60000

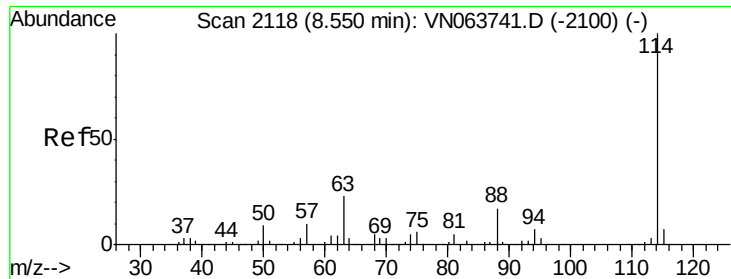
40000

20000

0

Time--> 7.90 8.00 8.10

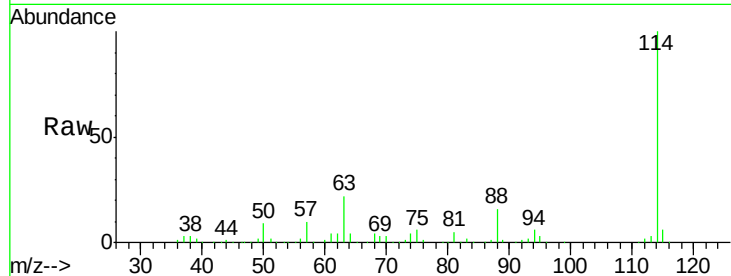




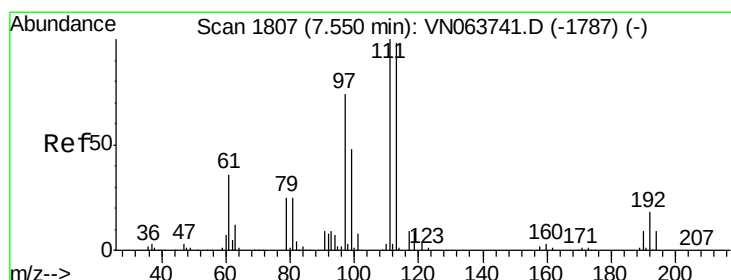
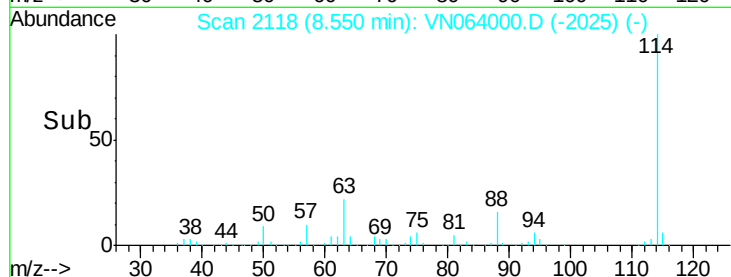
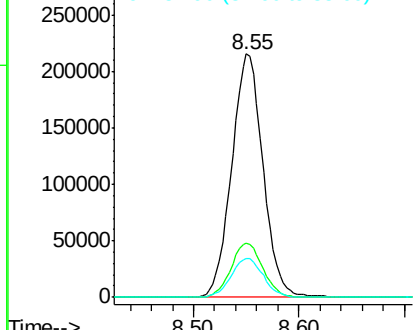
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064000.D
 Acq: 8 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-4561-20200928

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	16.0	0.0	34.0

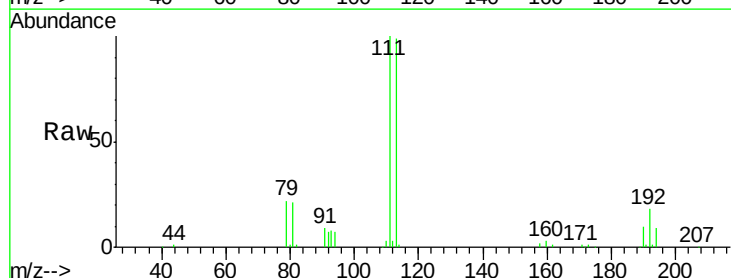


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

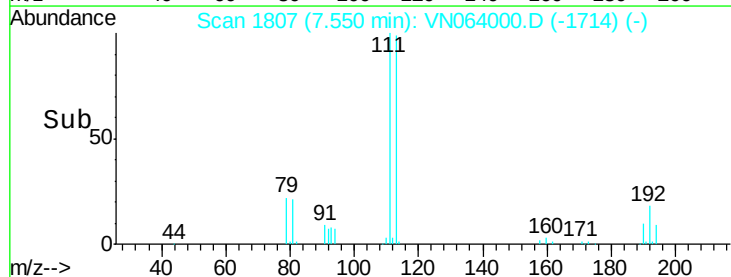
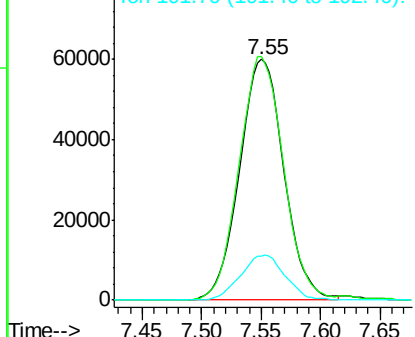


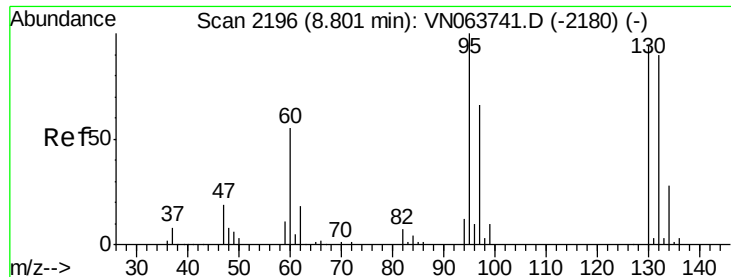
#35
 Dibromofluoromethane
 Concen: 50.262 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064000.D
 Acq: 8 Oct 2020 18:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	18.8	14.2	21.2



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





#44

Trichloroethene

Concen: 0.567 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

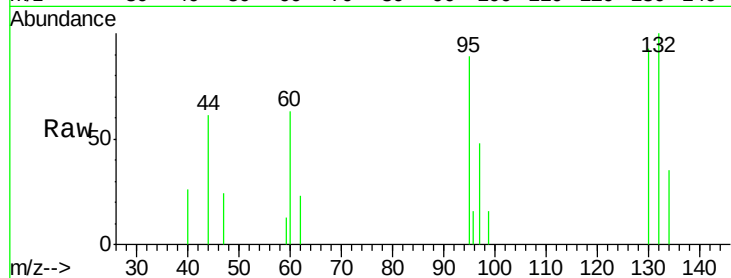
FT-PZ-456I-20200928

Tot Ion:130 Resp: 1905

Ion Ratio Lower Upper

130 100

95 96.3 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

1000

800

600

400

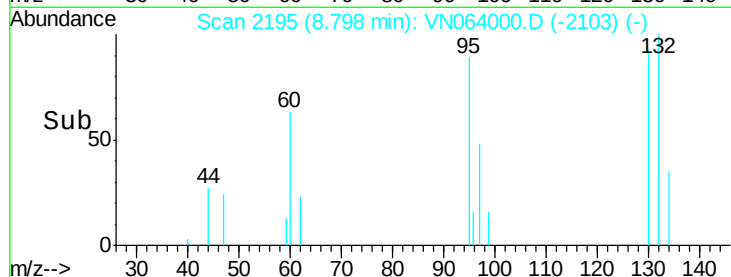
200

0

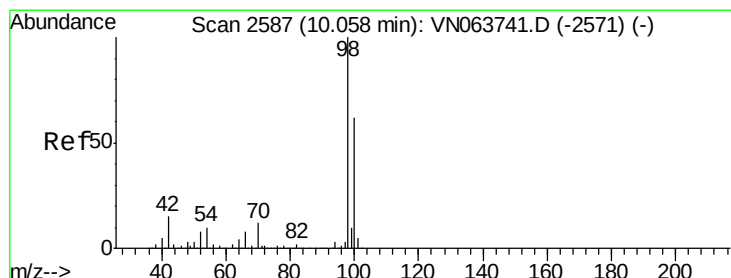
8.75

8.80

8.85



Time-->



#50

Toluene-d8

Concen: 48.712 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064000.D

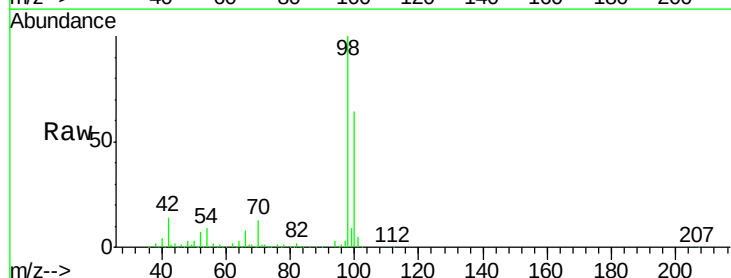
Acq: 8 Oct 2020 18:53

Tgt Ion: 98 Resp: 567447

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

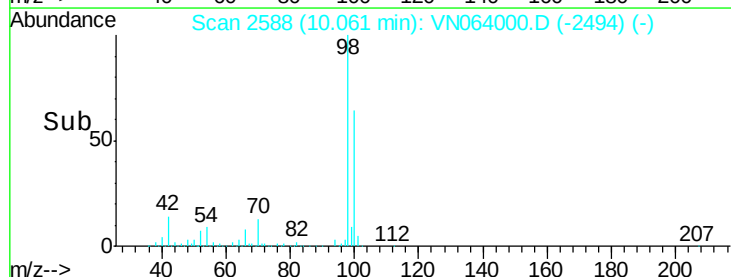
200000

100000

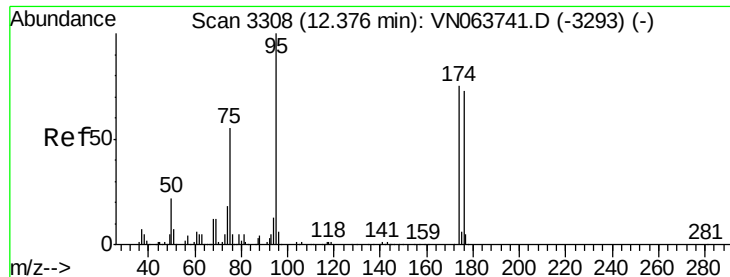
0

10.00

10.10



Time-->



#62

4-Bromofluorobenzene

Concen: 48.710 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-456I-20200928

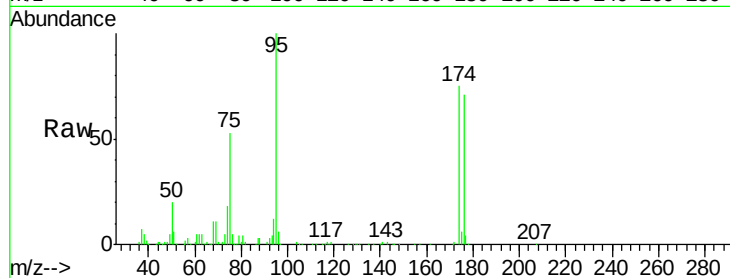
Tot Ion: 95 Resp: 213302

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

176 72.5 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

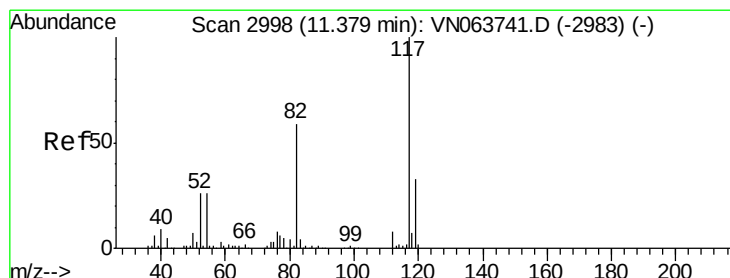
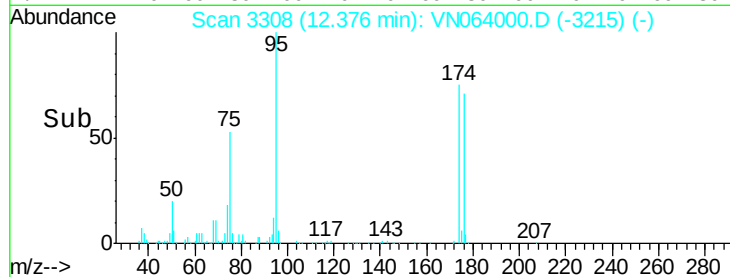
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

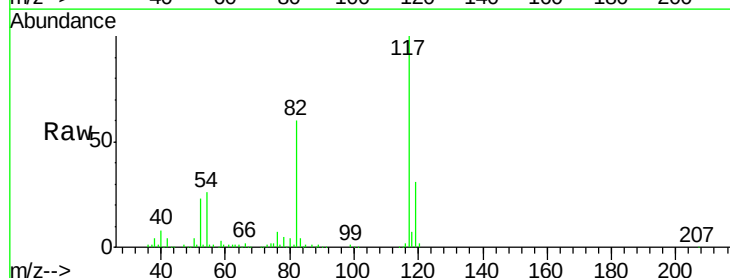
Tgt Ion: 117 Resp: 454851

Ion Ratio Lower Upper

117 100

82 59.6 47.4 71.2

119 31.3 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

11.38

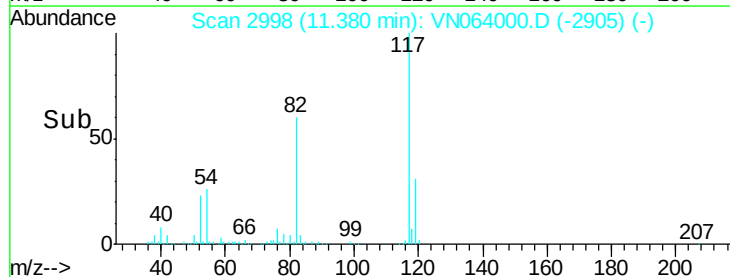
300000

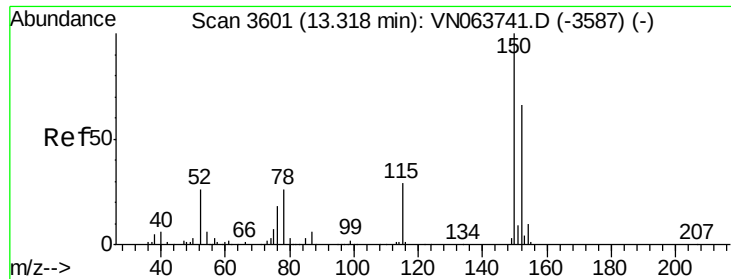
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064000.D

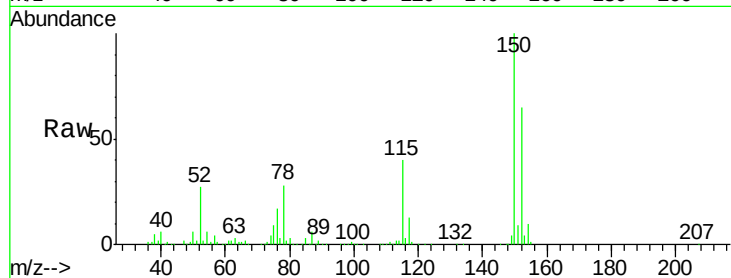
Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-456I-20200928



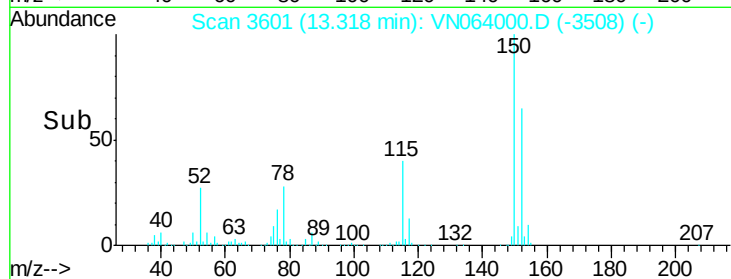
Tot Ion:152 Resp: 171877

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.8

150 156.6 0.0 341.8



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

