

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063999.D
 Acq On : 8 Oct 2020 18:29
 Operator : JC/MD
 Sample : L4255-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 09 06:37:57 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	228607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	437638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	199194	52.74	ug/l	0.00
Spiked Amount						
			Recovery	=	105.48%	
35) Dibromofluoromethane	7.55	113	145750	49.75	ug/l	0.00
Spiked Amount						
			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	536841	48.34	ug/l	0.00
Spiked Amount						
			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.38	95	203319	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	

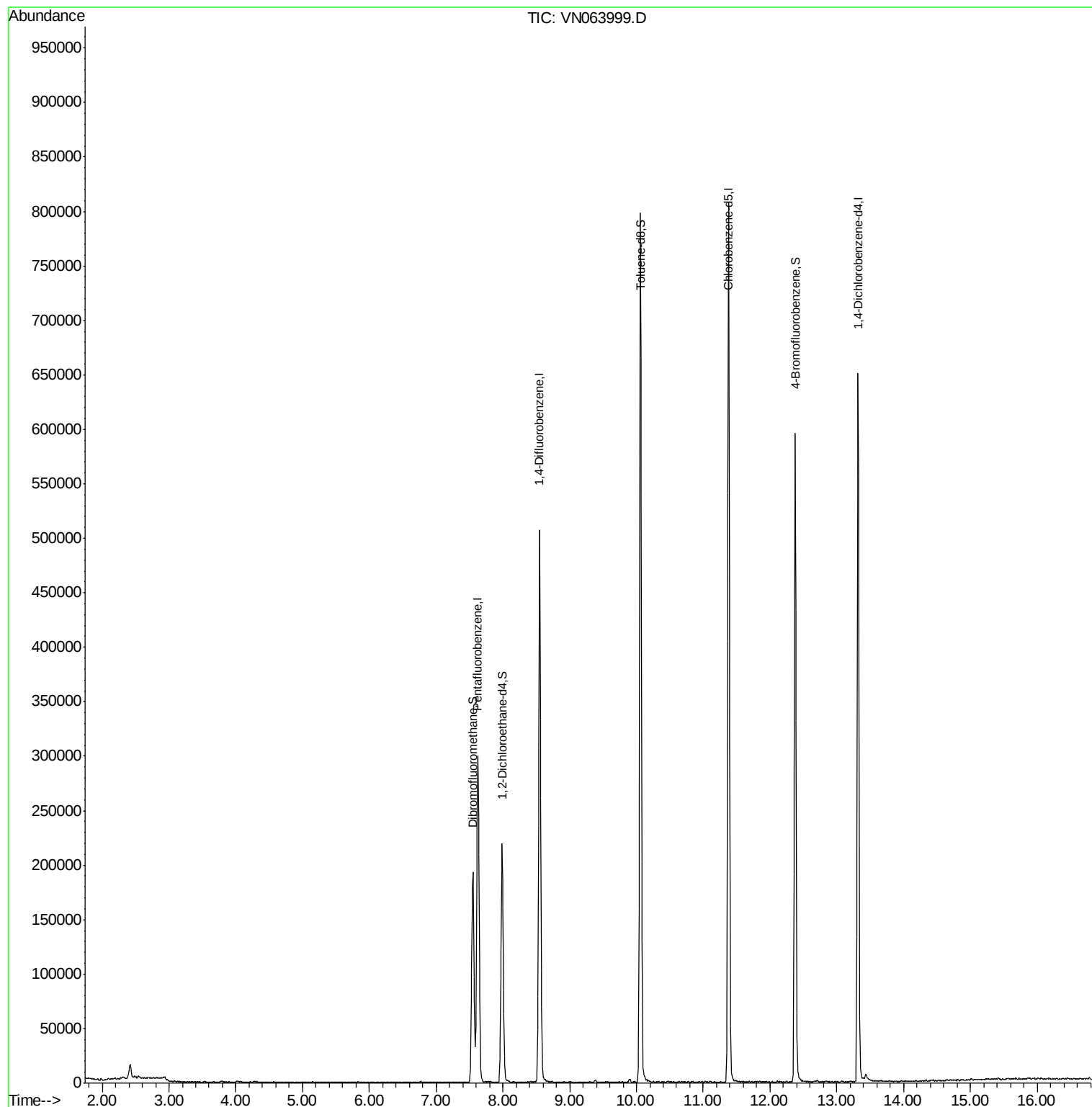
Target Compounds	Qvalue
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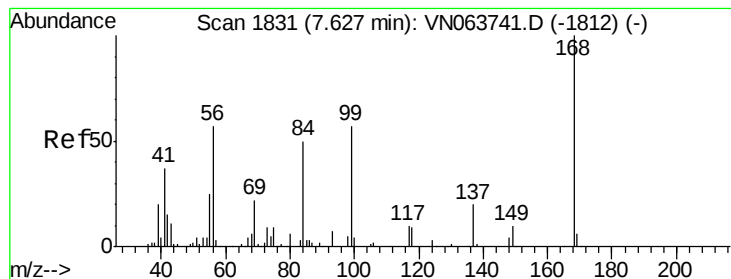
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

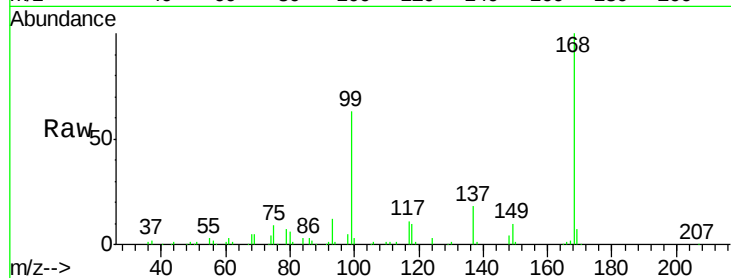
FT-PZ-456S-20200928

Tot Ion:168 Resp: 228607

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

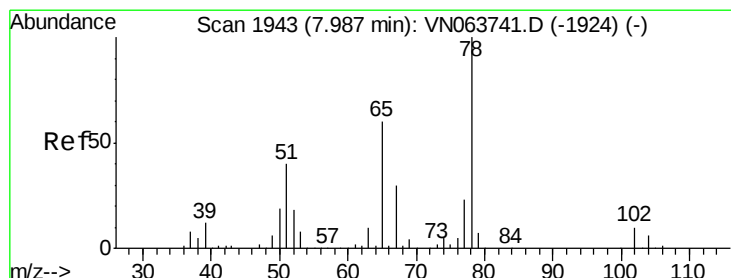
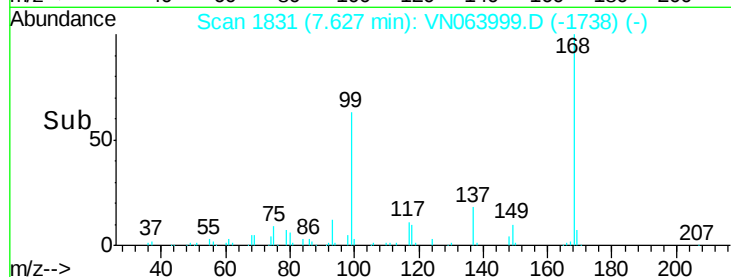
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.742 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063999.D

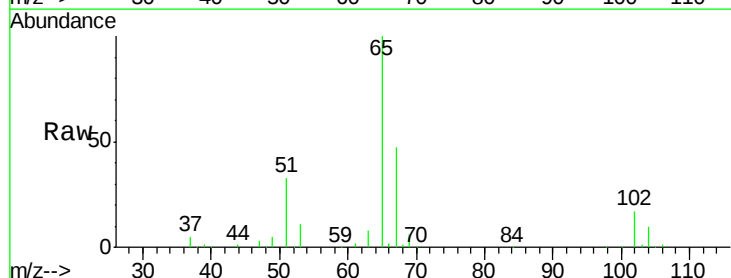
Acq: 8 Oct 2020 18:29

Tgt Ion: 65 Resp: 199194

Ion Ratio Lower Upper

65 100

67 47.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

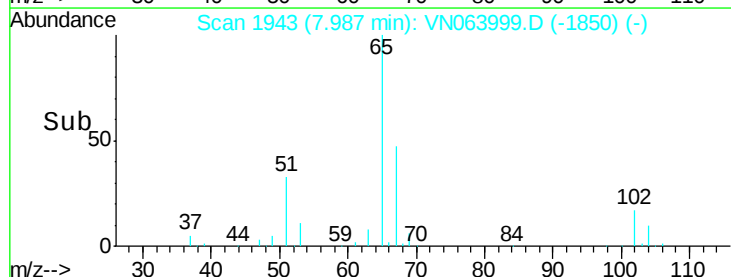
60000

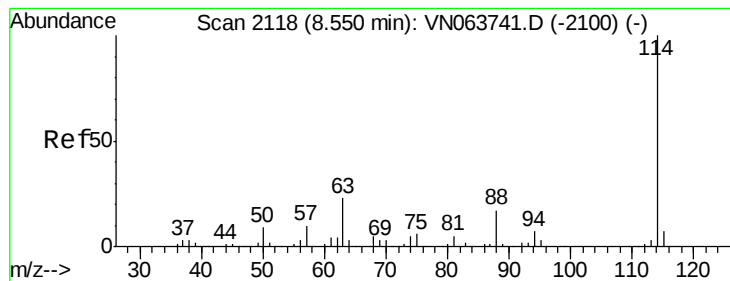
40000

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: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

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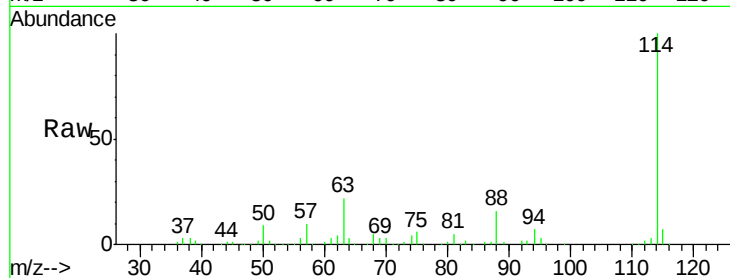
Tot Ion:114 Resp: 422225

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.0 0.0 34.0

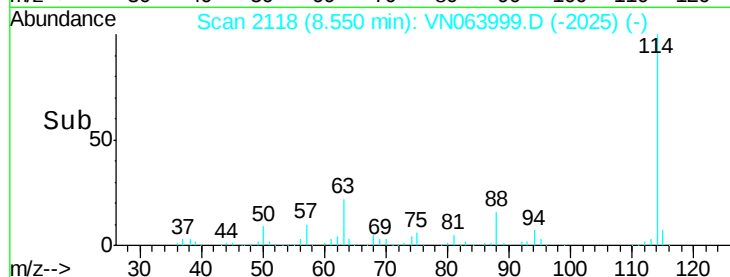


Abundance Ion 113.90 (113.60 to 114.60): V

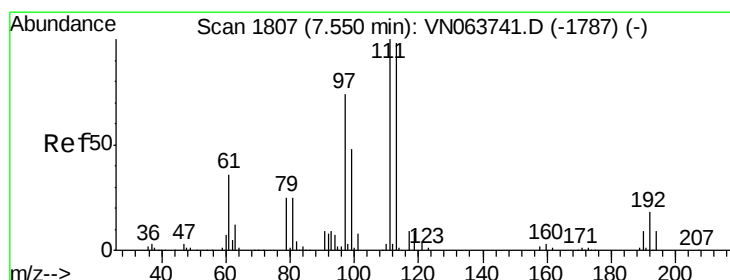
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 49.749 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

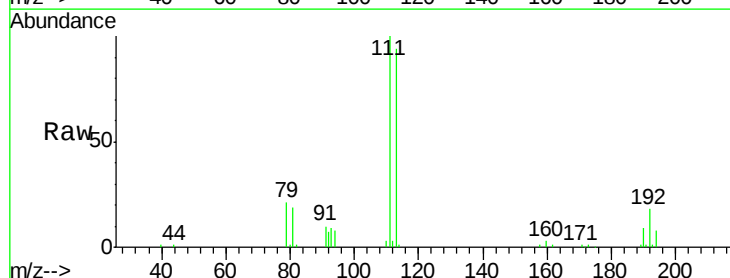
Tgt Ion:113 Resp: 145750

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 18.6 14.2 21.2

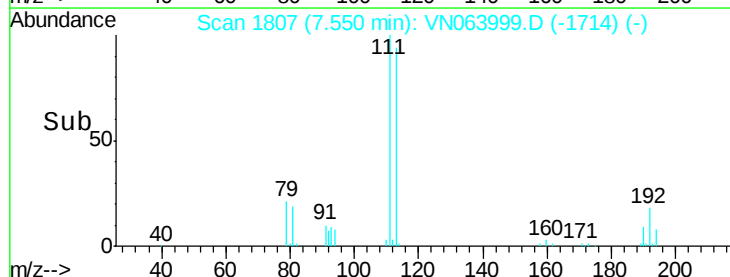


Abundance Ion 112.80 (112.50 to 113.50): V

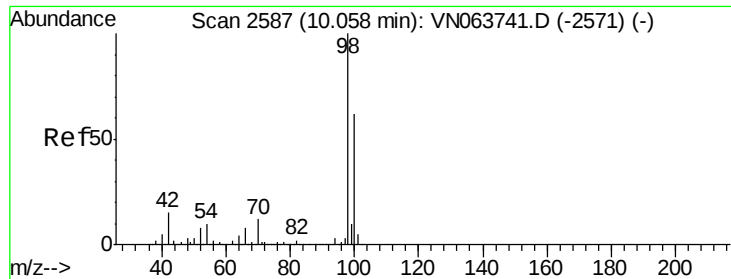
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#50

Toluene-d8

Concen: 48.337 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

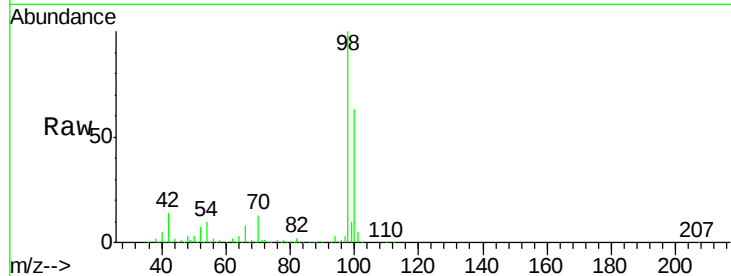
FT-PZ-456S-20200928

Tot Ion: 98 Resp: 536841

Ion Ratio Lower Upper

98 100

100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

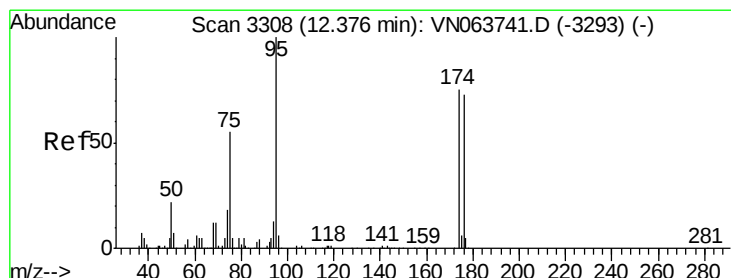
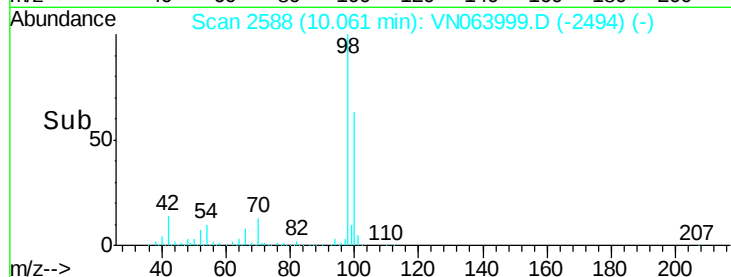
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.700 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

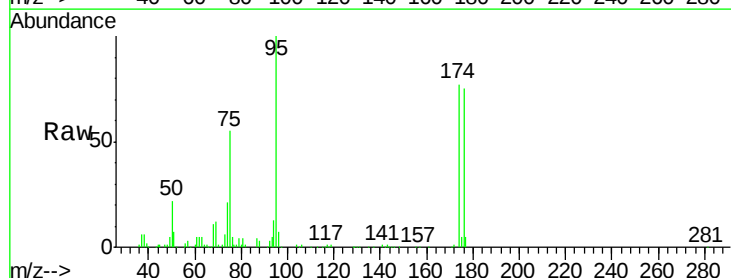
Tgt Ion: 95 Resp: 203319

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 73.1 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

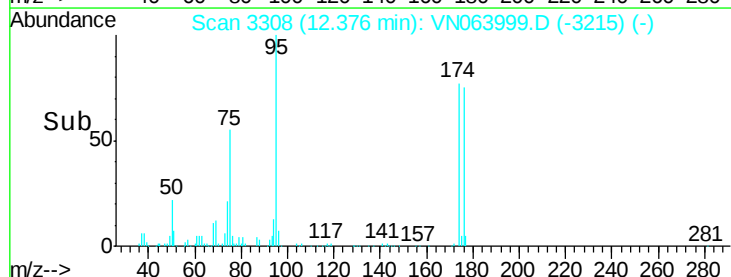
150000

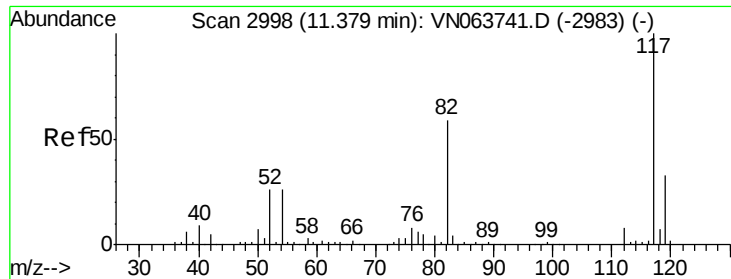
100000

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: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-456S-20200928

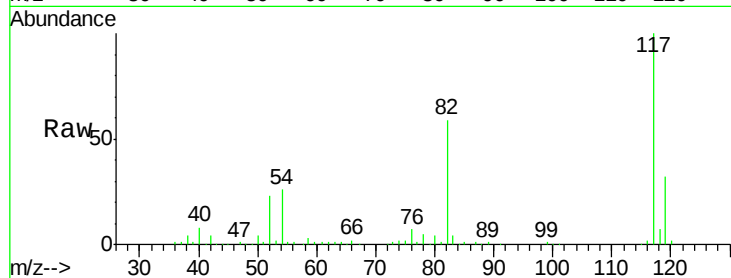
Tot Ion:117 Resp: 437638

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

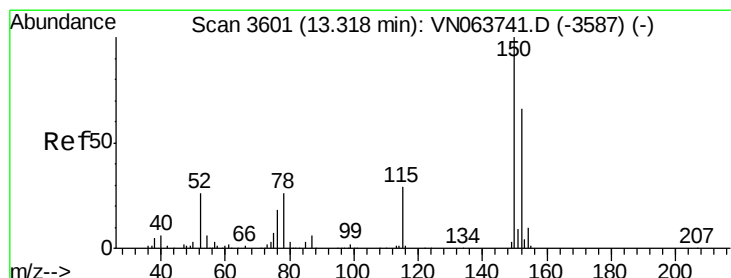
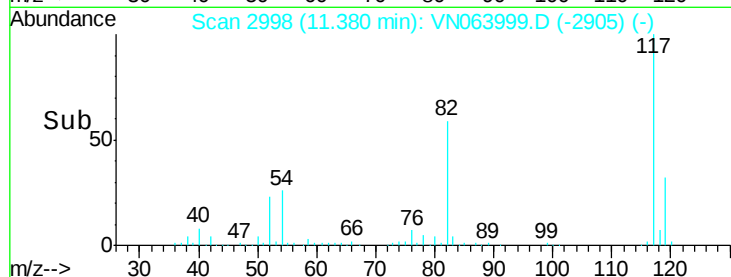
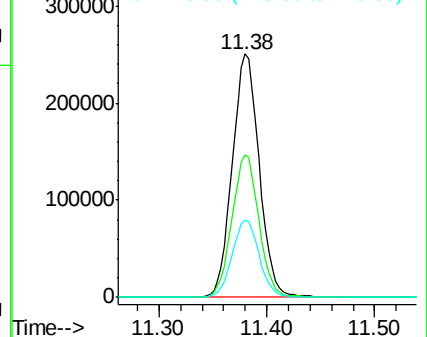
119 31.5 26.4 39.6



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# 3601

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

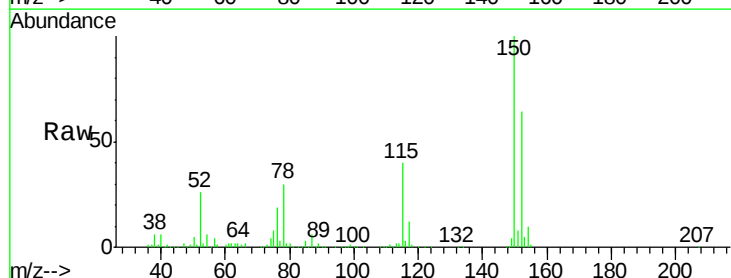
Tgt Ion:152 Resp: 168055

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

150 155.9 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

