

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063995.D
 Acq On : 8 Oct 2020 16:54
 Operator : JC/MD
 Sample : L4255-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ147-20200930

Quant Time: Oct 09 06:30:53 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

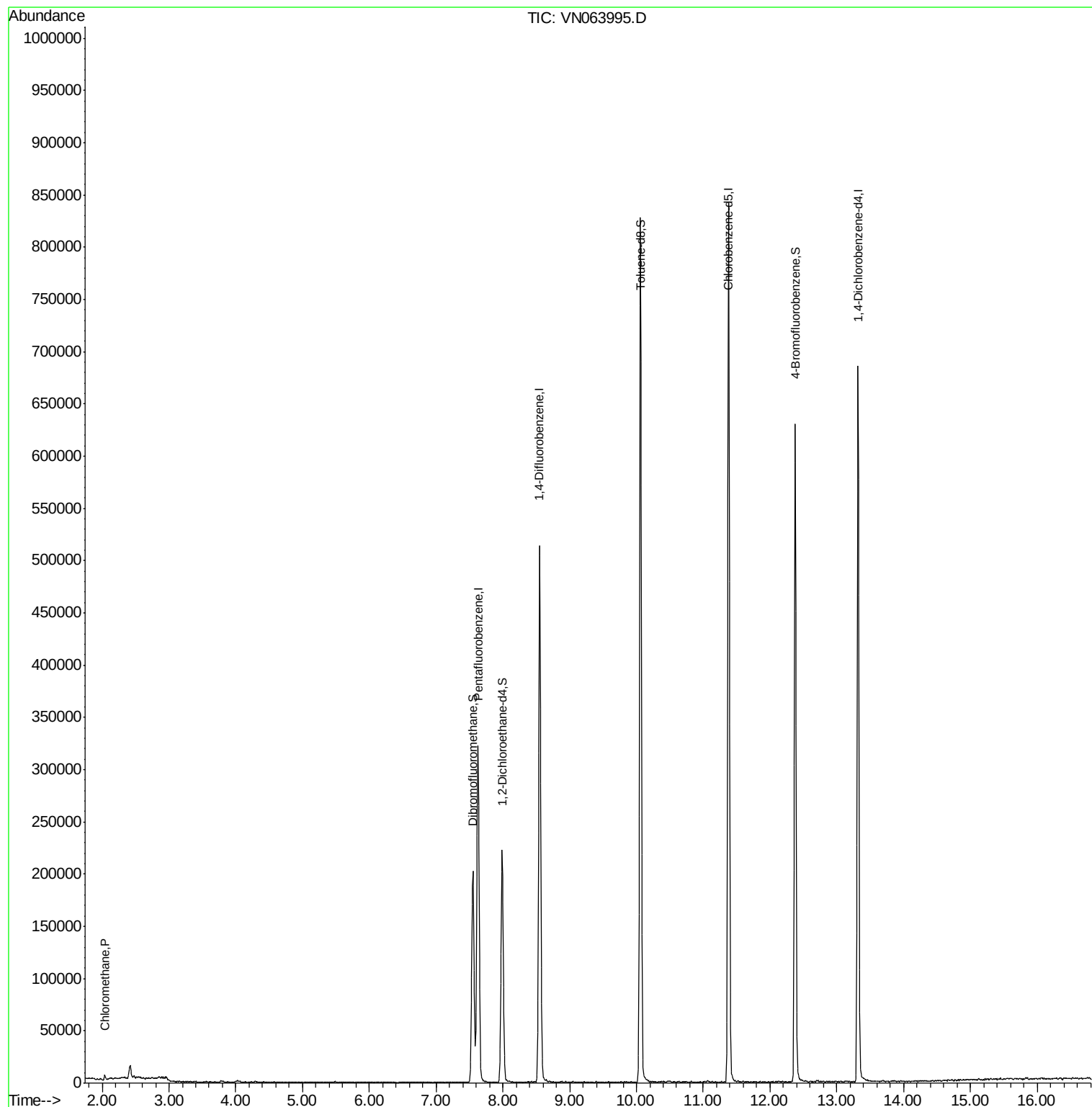
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	435315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200700	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	7.55	113	151025	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.06	98	561770	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.38	95	211790	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
Target Compounds						
3) Chloromethane	2.04	50	3431	1.139	ug/l	Qvalue 91

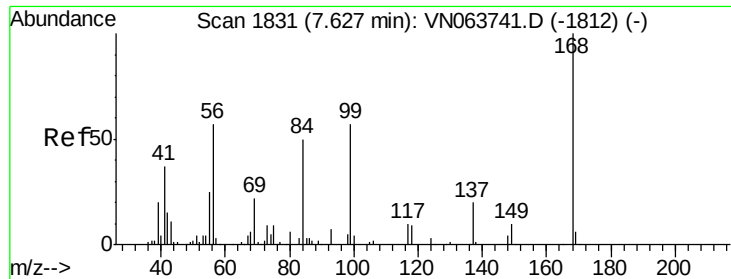
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
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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: VN063995.D

Acq: 8 Oct 2020 16:54

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ClientSampleId :

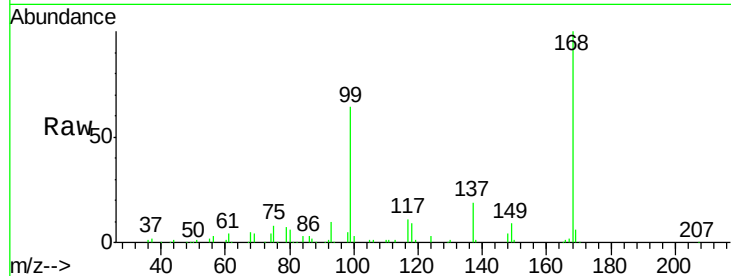
SA-PZ147-20200930

Tot Ion:168 Resp: 243199

Ion Ratio Lower Upper

168 100

99 64.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063995.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063995.D (-1738) (-)

7.63

100000

80000

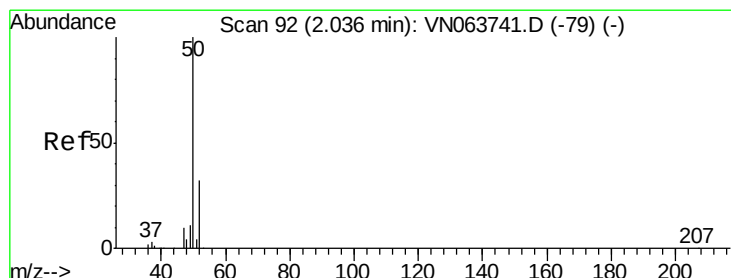
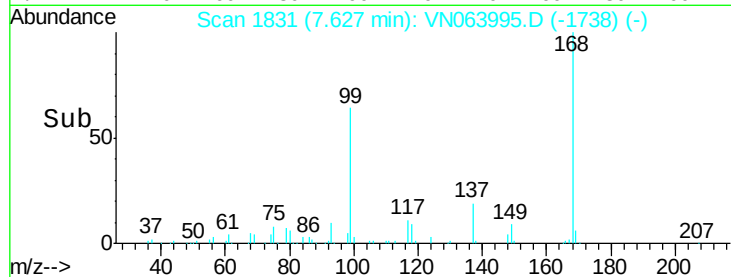
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.139 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063995.D

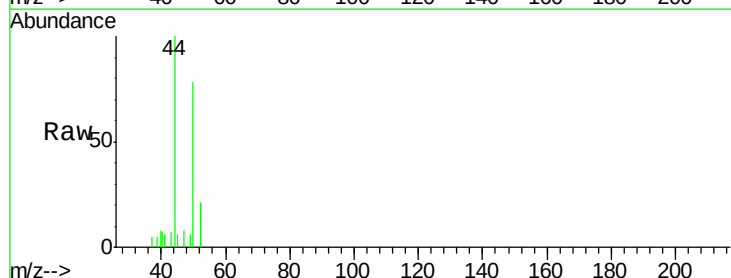
Acq: 8 Oct 2020 16:54

Tgt Ion: 50 Resp: 3431

Ion Ratio Lower Upper

50 100

52 27.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN063995.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063995.D (-1) (-)

2.04

2500

2000

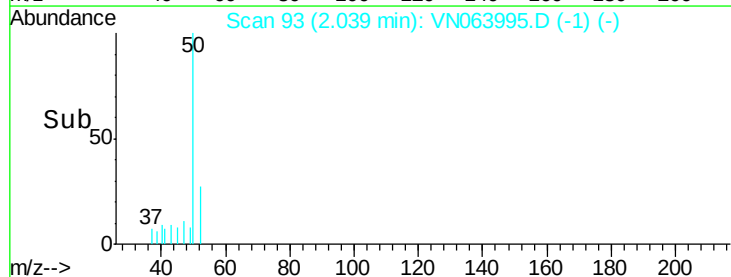
1500

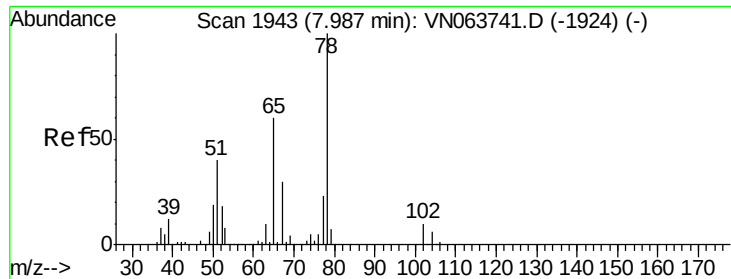
1000

500

0

Time--> 2.00 2.05

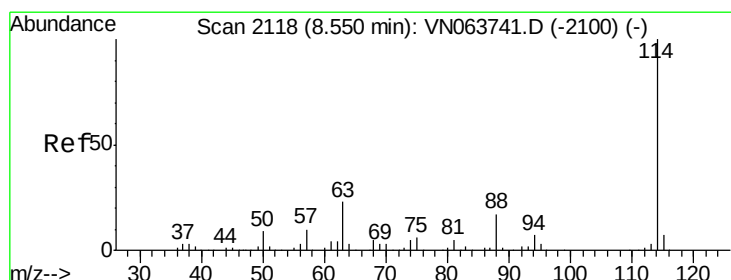
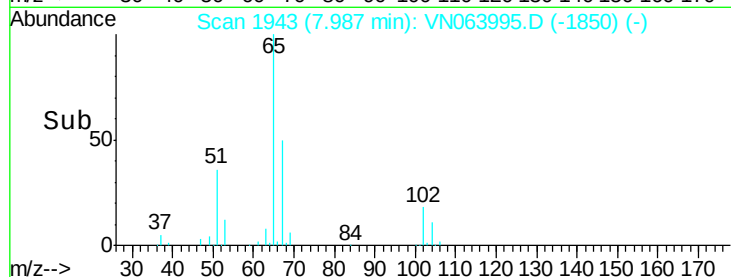
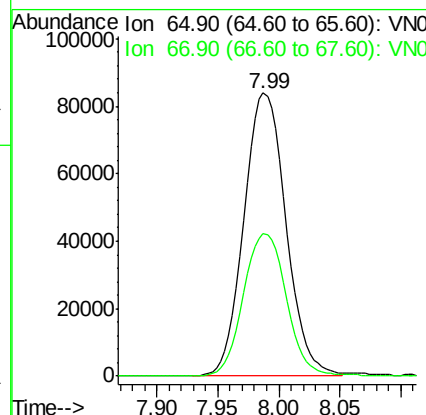
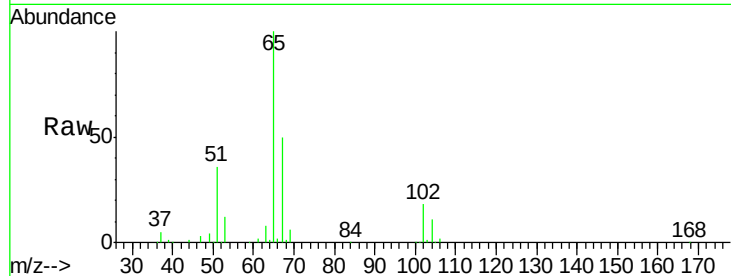




#33
 1,2-Dichloroethane-d4
 Concen: 49.953 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063995.D
 Acq: 8 Oct 2020 16:54

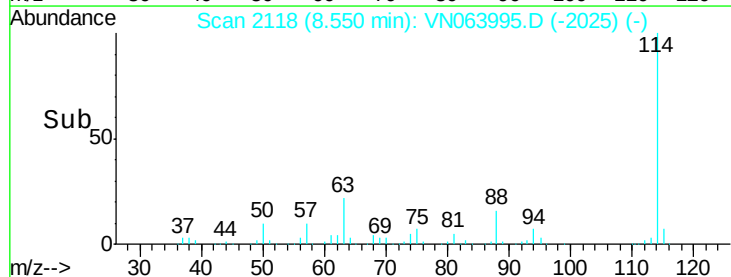
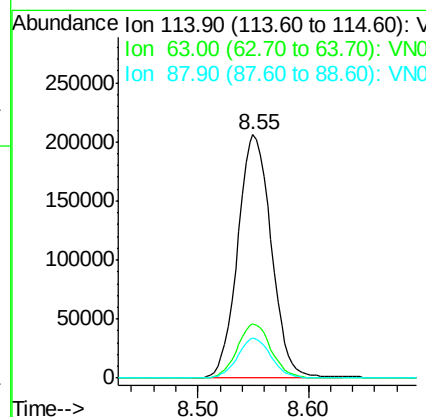
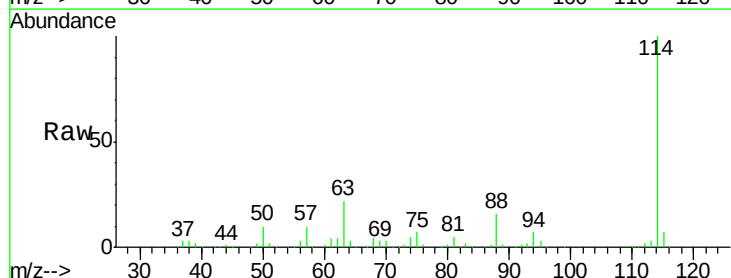
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ147-20200930

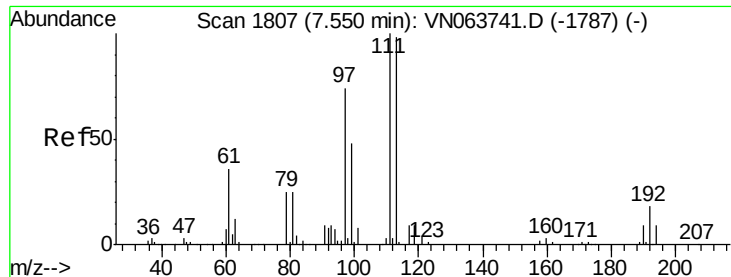
Tot Ion: 65 Resp: 200700
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063995.D
 Acq: 8 Oct 2020 16:54

Tgt Ion: 114 Resp: 435315
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.999 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ147-20200930

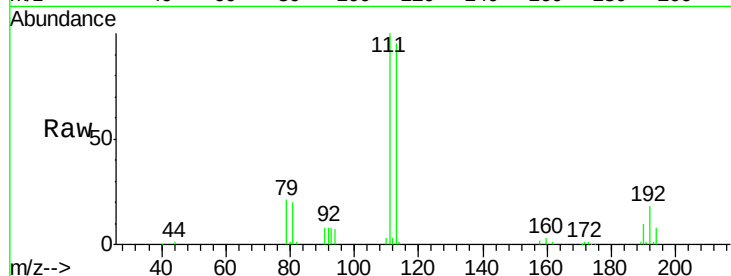
Tot Ion:113 Resp: 151025

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.8

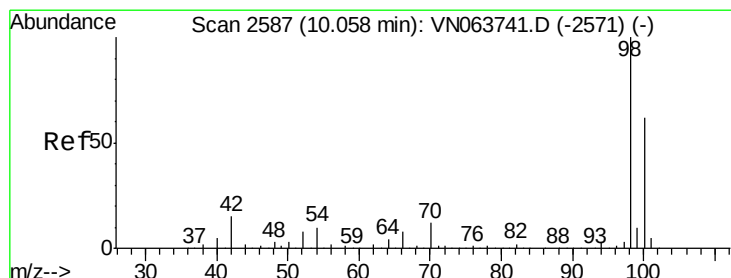
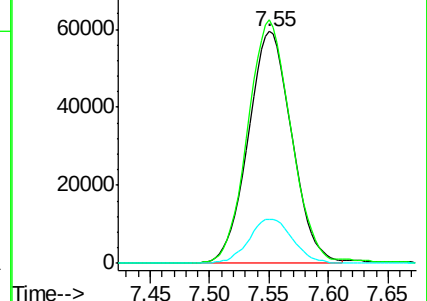
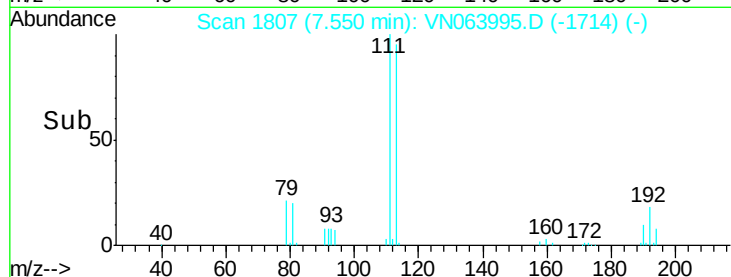
192 19.1 14.2 21.2



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



#50

Toluene-d8

Concen: 49.060 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063995.D

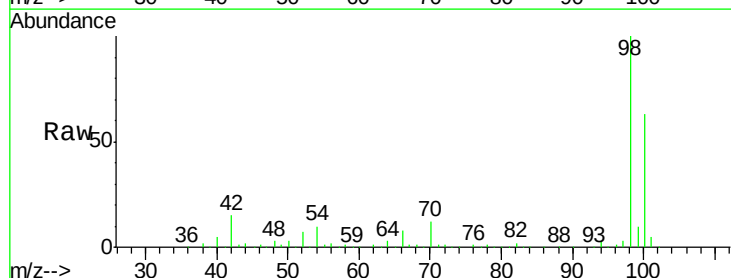
Acq: 8 Oct 2020 16:54

Tgt Ion: 98 Resp: 561770

Ion Ratio Lower Upper

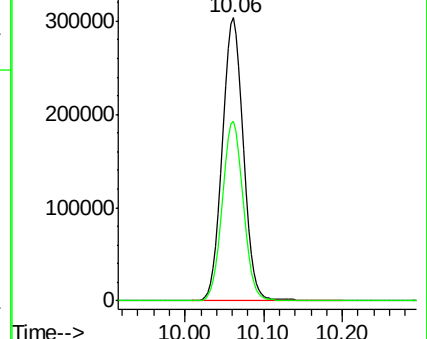
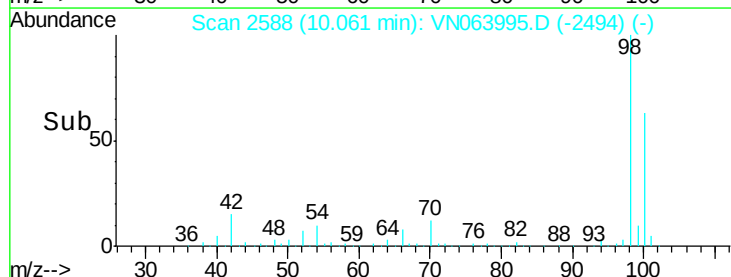
98 100

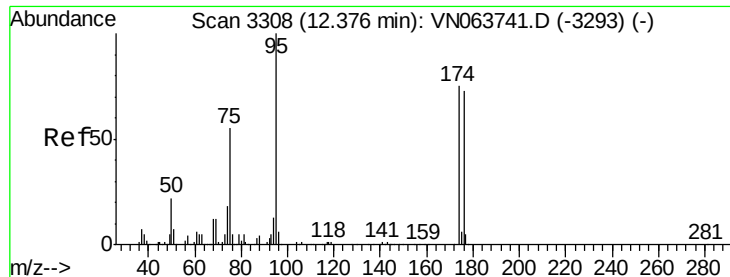
100 62.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.203 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ147-20200930

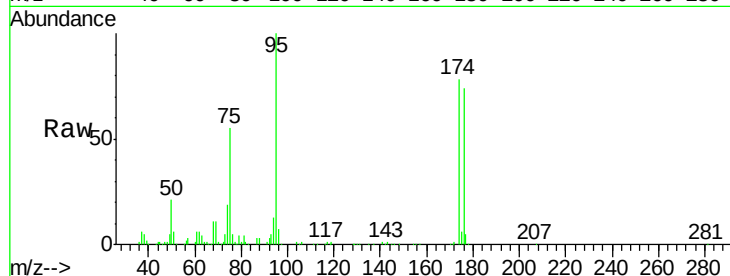
Tot Ion: 95 Resp: 211790

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.6

176 75.5 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

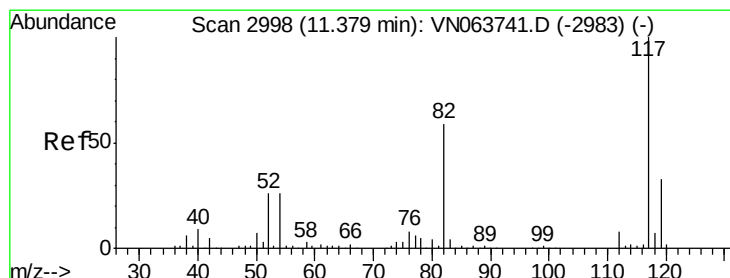
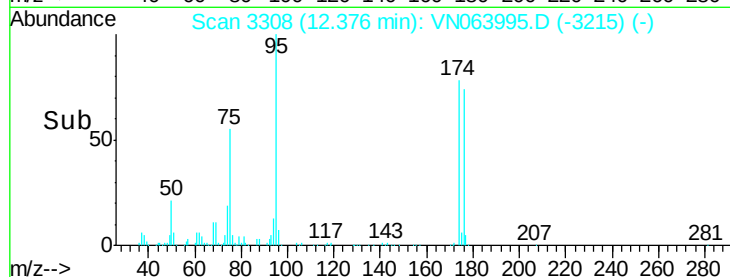
150000

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: VN063995.D

Acq: 8 Oct 2020 16:54

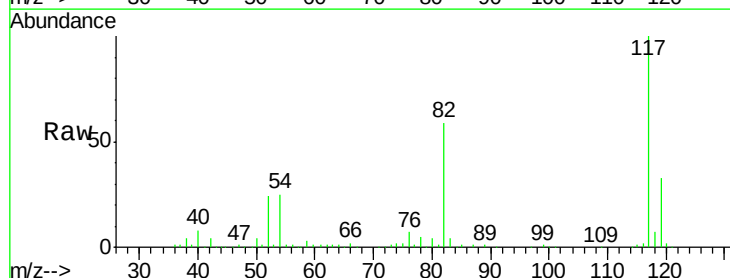
Tgt Ion: 117 Resp: 461196

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.2

119 32.6 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

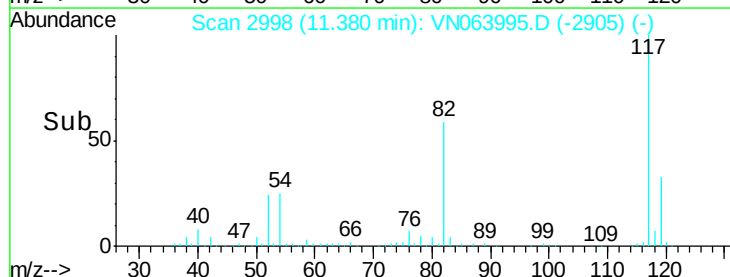
300000

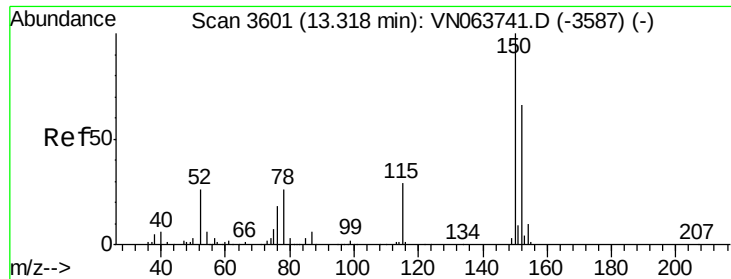
200000

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: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

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ClientSampleId :

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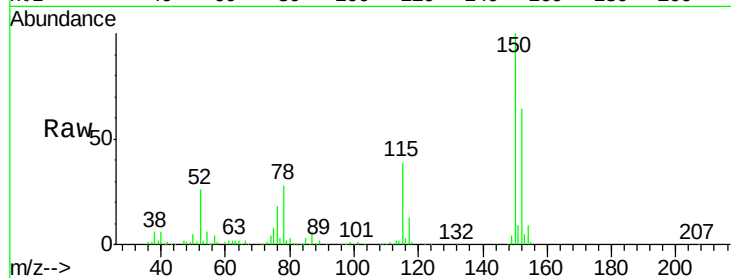
Tot Ion:152 Resp: 174507

Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

150 160.4 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

