

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063230.D
 Acq On : 3 Sep 2020 19:12
 Operator : JC/MD
 Sample : L3902-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ145I-20200901

Quant Time: Sep 04 08:14:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

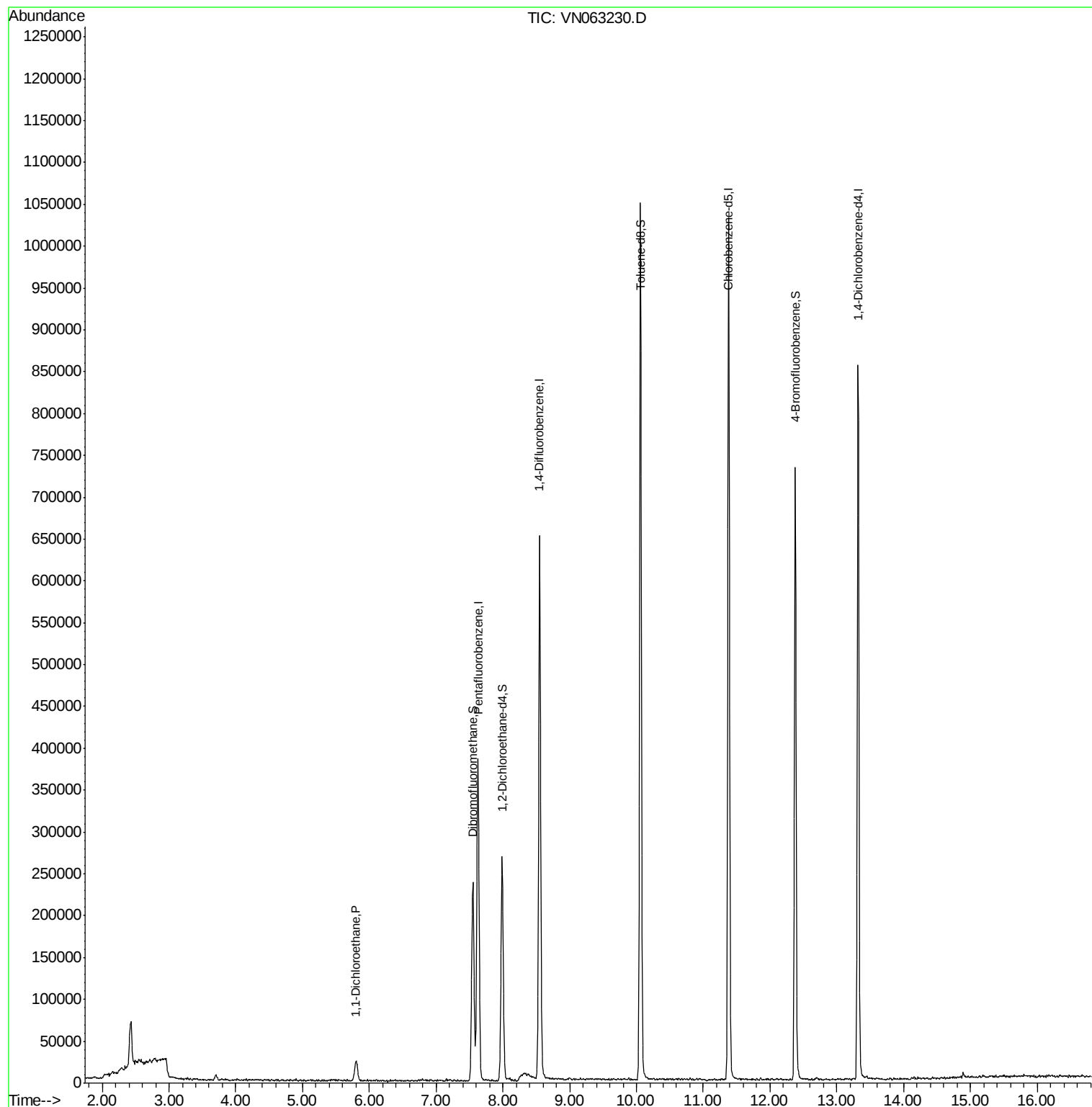
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	547510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	225042	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	7.55	113	172256	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.06	98	697840	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.38	95	238274	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
24) 1,1-Dichloroethane	5.81	63	34010	4.997	ug/l	Qvalue 98

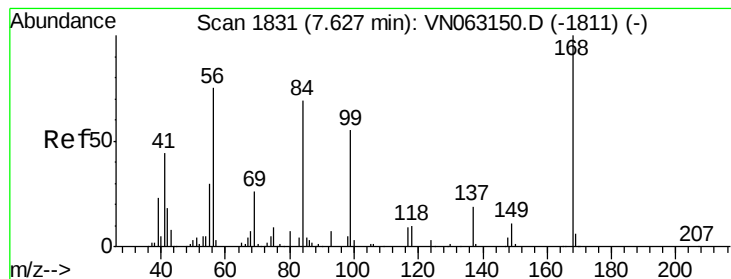
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090320\
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QLast Update : Tue Sep 01 04:21:28 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 3 Sep 2020 19:12

Instrument :

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ClientSampleId :

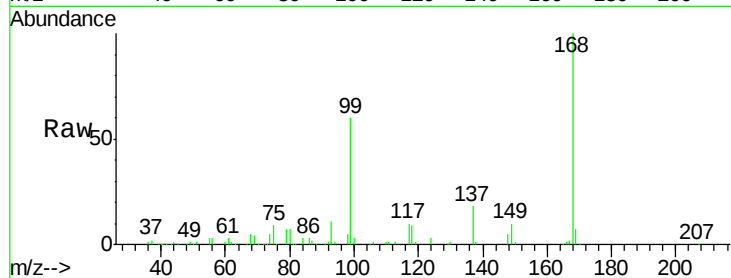
SA-PZ145I-20200901

Tot Ion:168 Resp: 282749

Ion Ratio Lower Upper

168 100

99 59.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

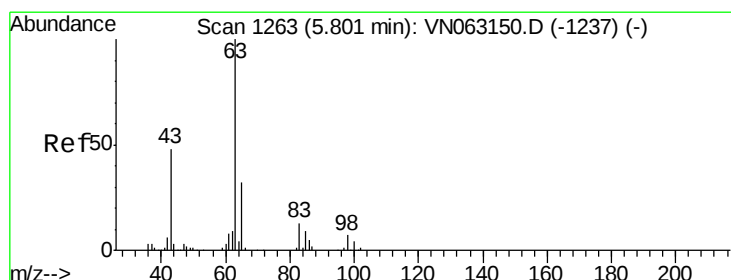
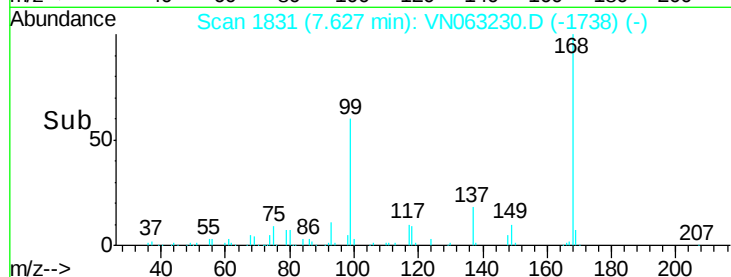
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#24

1,1-Dichloroethane

Concen: 4.997 ug/l

RT: 5.81 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

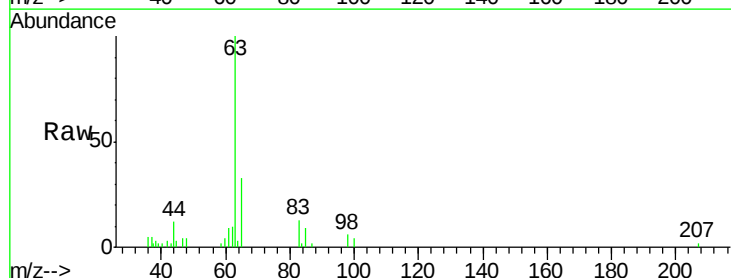
Tgt Ion: 63 Resp: 34010

Ion Ratio Lower Upper

63 100

98 5.6 3.4 10.1

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN

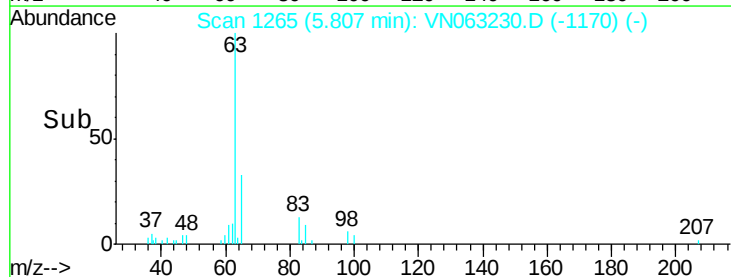
5.81

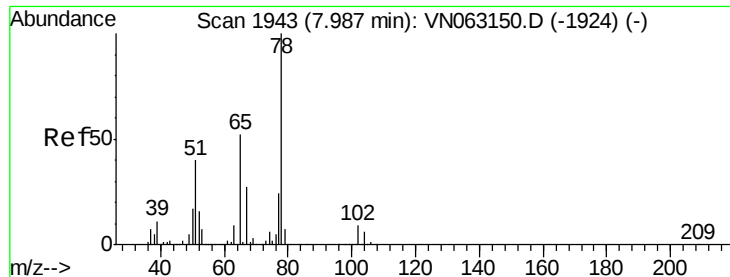
10000

5000

0

Time--> 5.70 5.80 5.90





#33

1,2-Dichloroethane-d4

Concen: 48.688 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

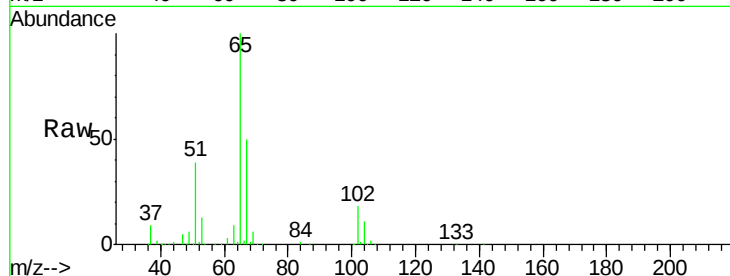
SA-PZ145I-20200901

Tot Ion: 65 Resp: 225042

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063230.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063230.D (-1850) (-)

7.99

100000

80000

60000

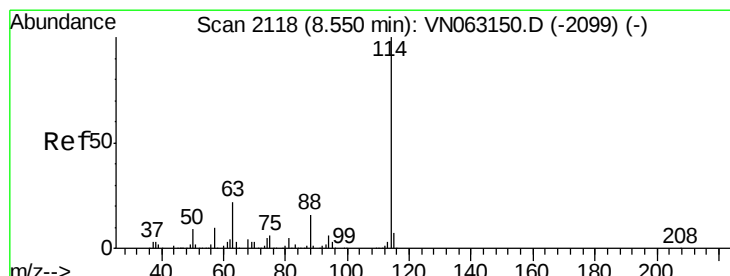
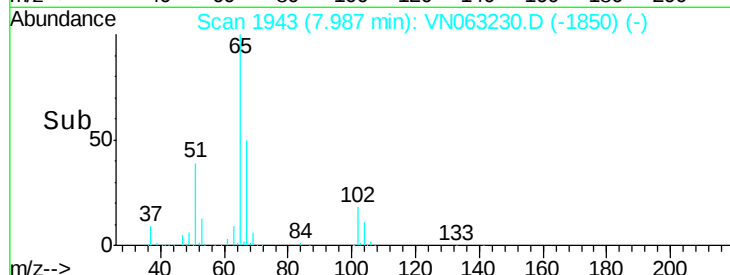
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

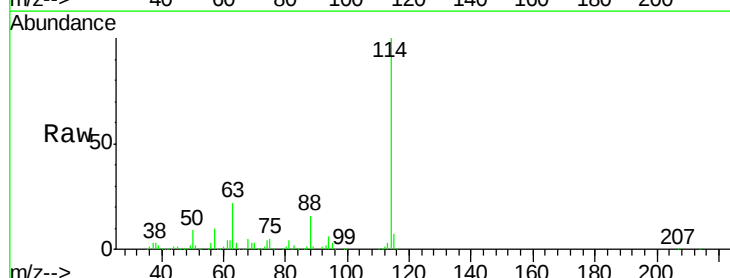
Tgt Ion: 114 Resp: 547510

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063230.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063230.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063230.D (-2025) (-)

8.55

300000

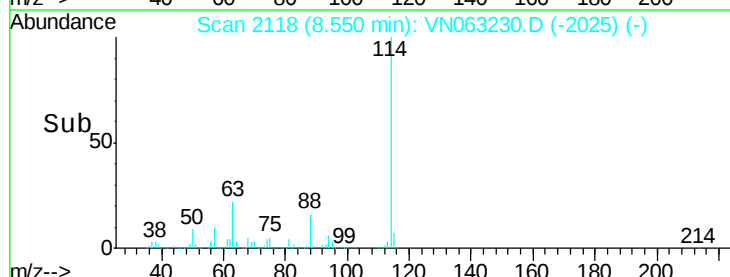
200000

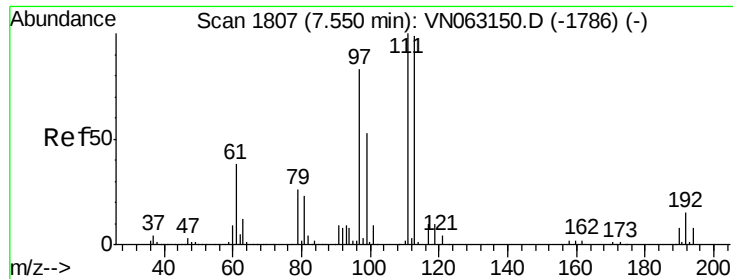
100000

0

8.50 8.55 8.60

Time-->





#35

Dibromofluoromethane

Concen: 49.040 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

Instrument :

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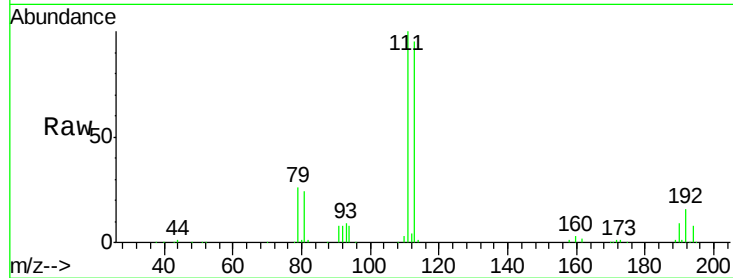
Tot Ion:113 Resp: 172256

Ion Ratio Lower Upper

113 100

111 106.2 80.7 121.1

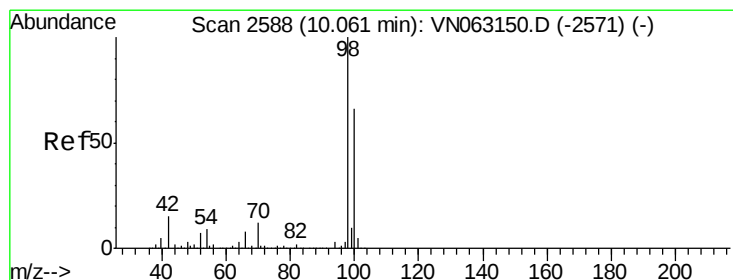
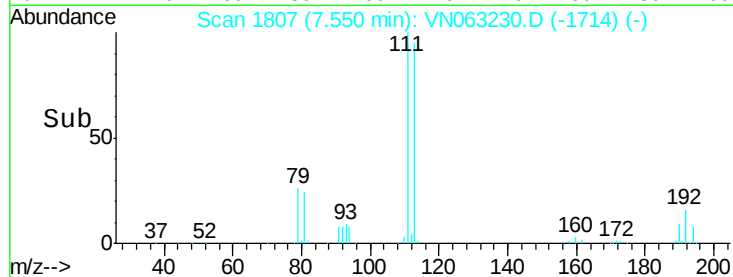
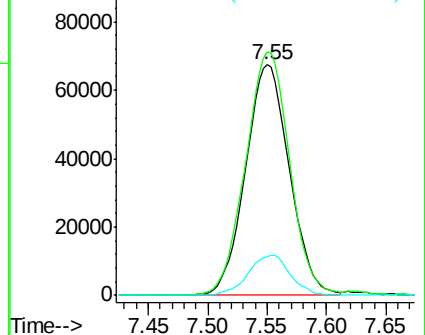
192 16.8 12.6 19.0



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: 51.616 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063230.D

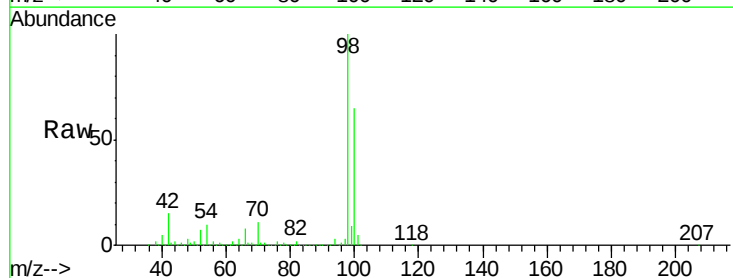
Acq: 3 Sep 2020 19:12

Tgt Ion: 98 Resp: 697840

Ion Ratio Lower Upper

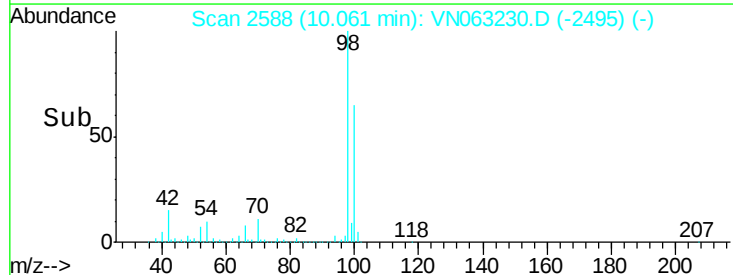
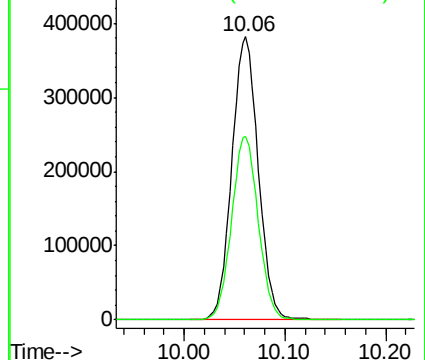
98 100

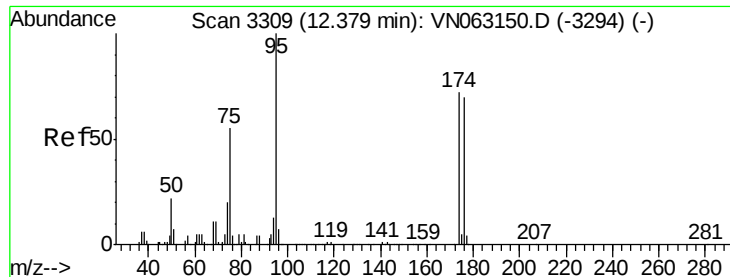
100 65.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.382 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

Instrument :

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SA-PZ145I-20200901

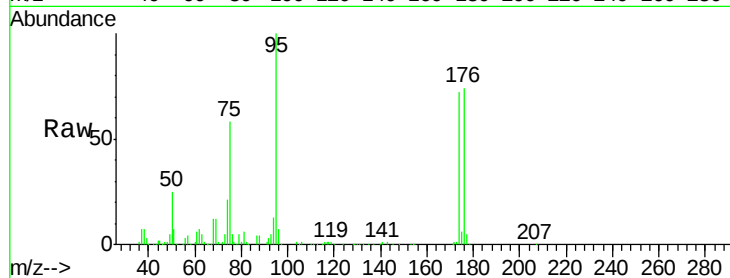
Tot Ion: 95 Resp: 238274

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.8

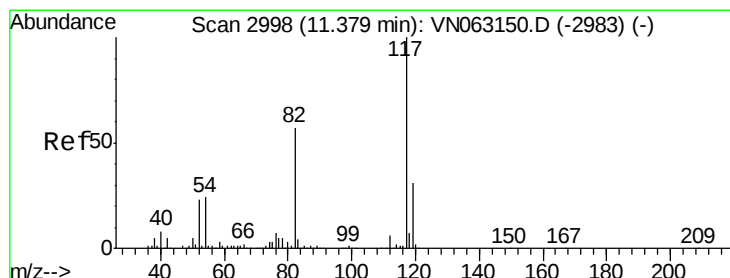
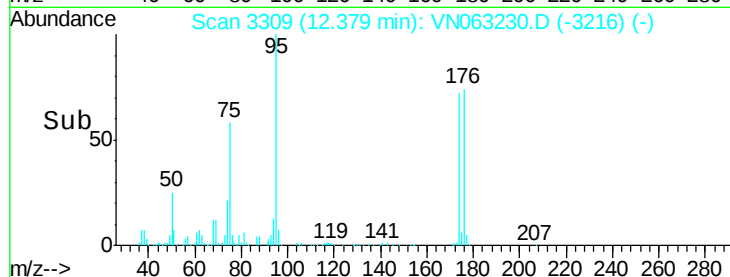
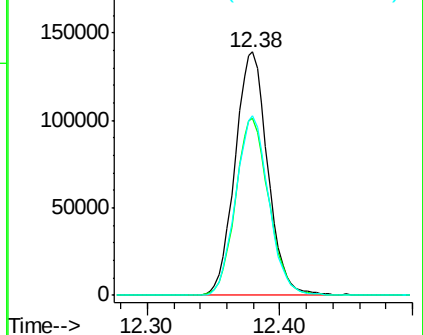
176 74.1 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063230.D (-3216) (-)

Ion 173.80 (173.50 to 174.50): VN063230.D (-3216) (-)

Ion 175.80 (175.50 to 176.50): VN063230.D (-3216) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

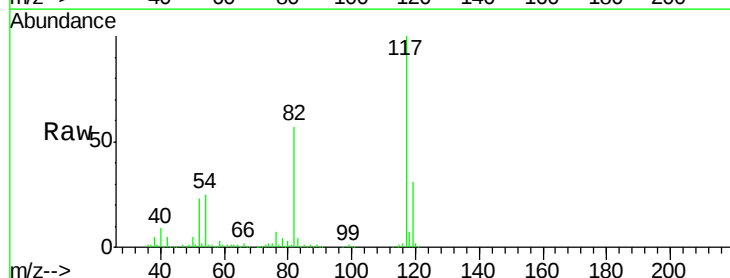
Tgt Ion: 117 Resp: 553589

Ion Ratio Lower Upper

117 100

82 57.2 45.4 68.0

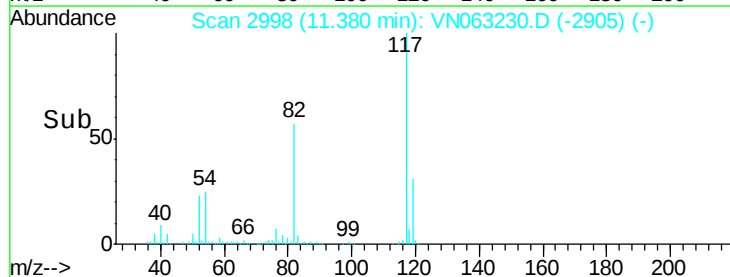
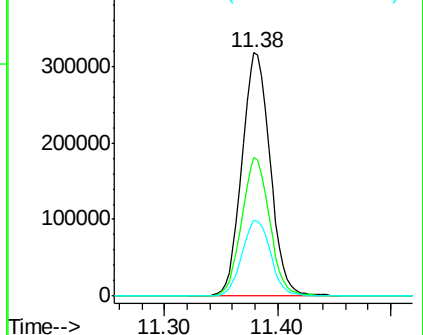
119 31.0 24.6 37.0

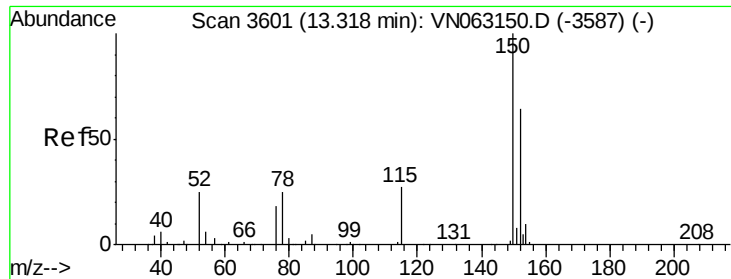


Abundance Ion 116.90 (116.60 to 117.60): VN063230.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063230.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063230.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063230.D

Acq: 3 Sep 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145I-20200901

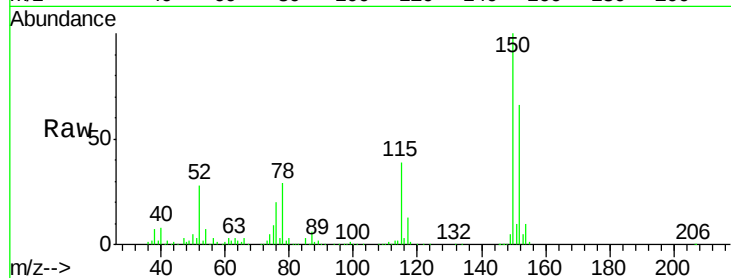
Tot Ion:152 Resp: 212825

Ion Ratio Lower Upper

152 100

115 61.6 32.0 96.2

150 155.7 0.0 353.0



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

