

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063018.D
 Acq On : 19 Aug 2020 17:33
 Operator : JC/MD
 Sample : L3496-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-081720

Quant Time: Aug 20 01:44:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

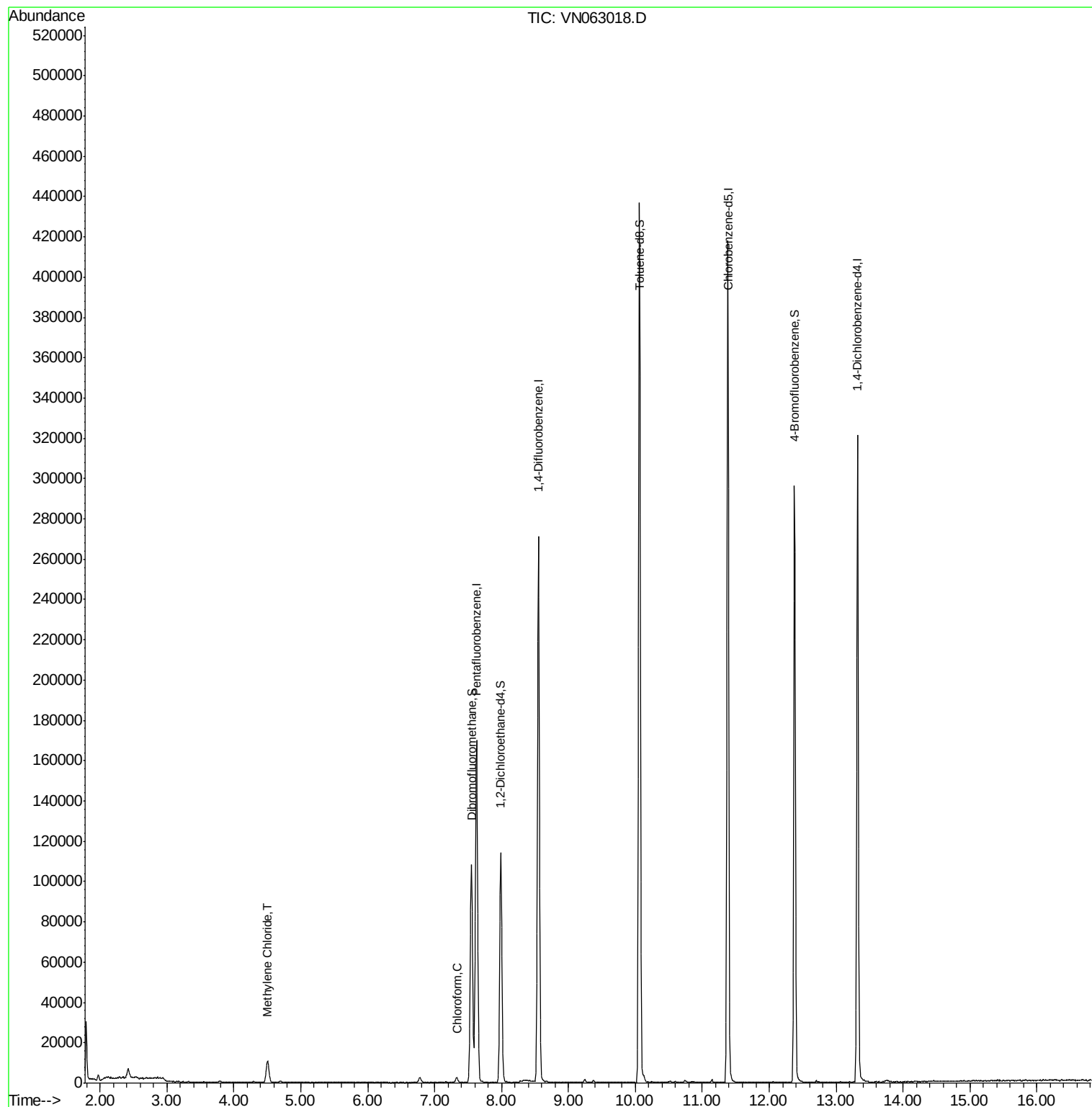
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96644	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	7.55	113	85164	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	10.06	98	316055	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.38	95	105122	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
20) Methylene Chloride	4.50	84	8470	4.264	ug/l	96
30) Chloroform	7.33	83	3212	1.137	ug/l	95

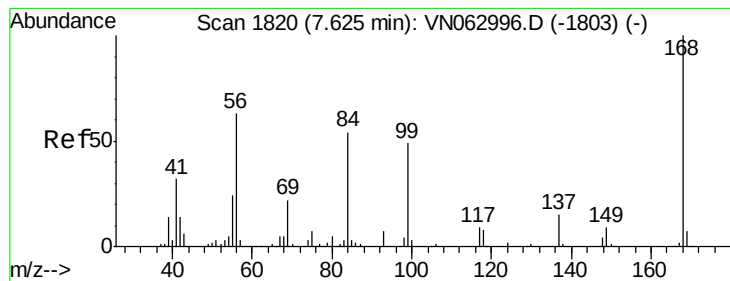
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081920\
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QLast Update : Wed Aug 19 06:09:27 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

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MSVOA_N

ClientSampleId :

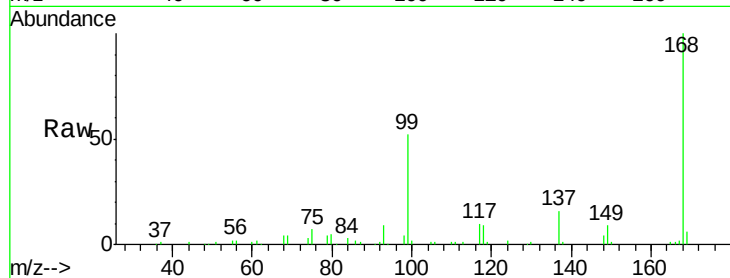
AU-06-081720

Tot Ion:168 Resp: 147771

Ion Ratio Lower Upper

168 100

99 52.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

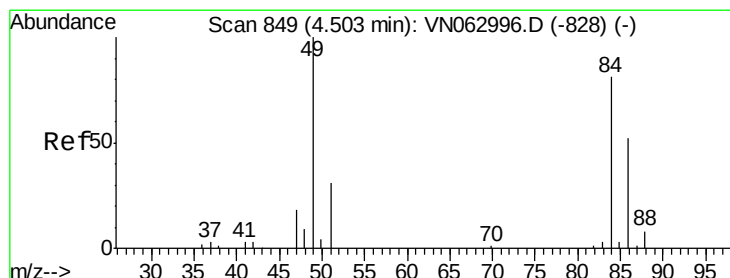
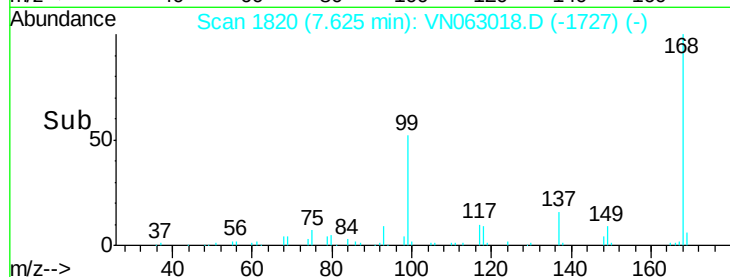
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 4.264 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

Tgt Ion: 84 Resp: 8470

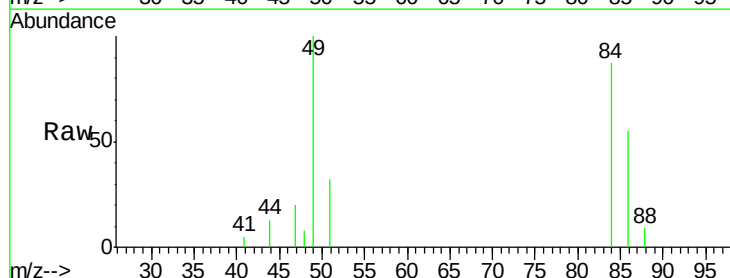
Ion Ratio Lower Upper

84 100

49 115.4 98.7 148.1

51 36.8 30.8 46.2

86 63.7 51.2 76.8



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

4.50

5000

4000

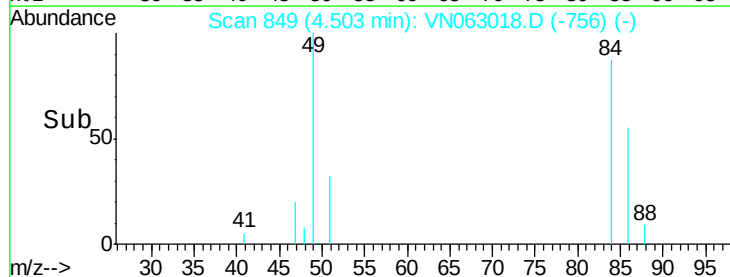
3000

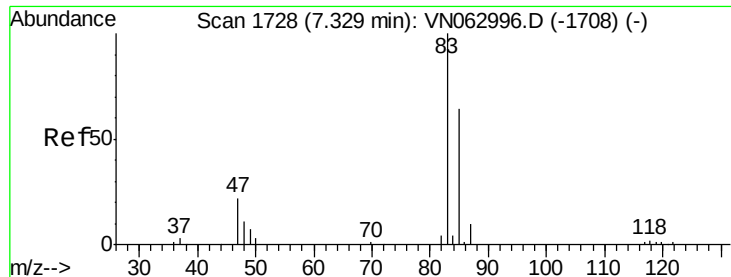
2000

1000

0

Time--> 4.40 4.45 4.50 4.55 4.60

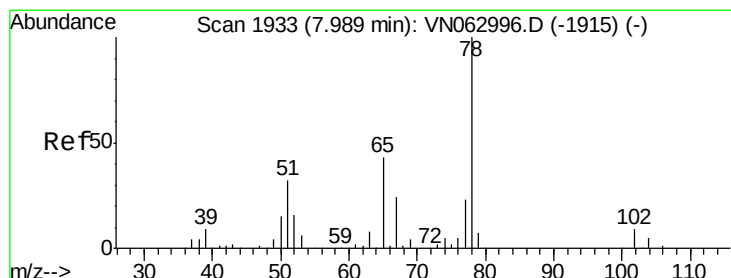
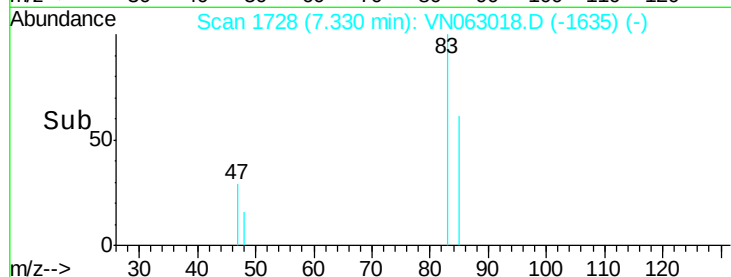
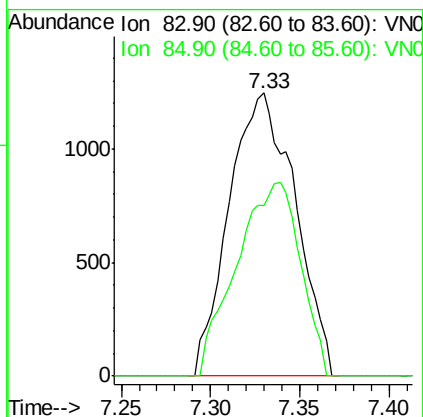
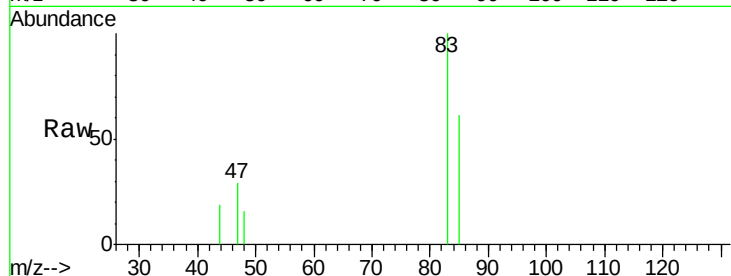




#30
Chloroform
Concen: 1.137 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

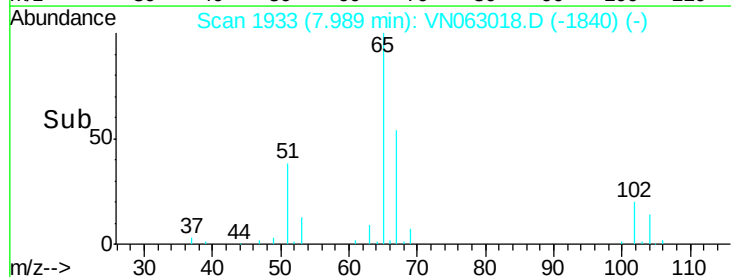
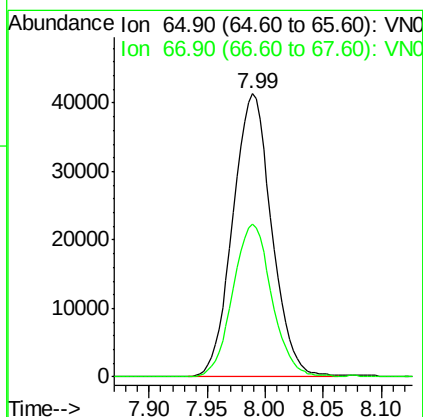
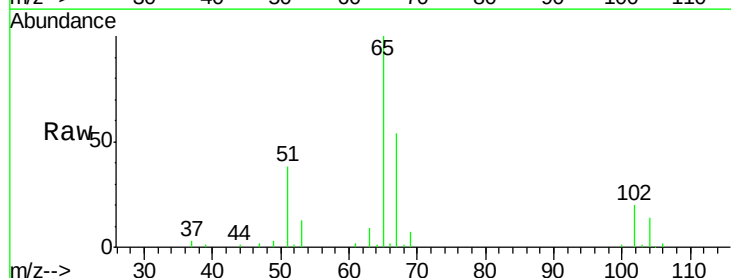
Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

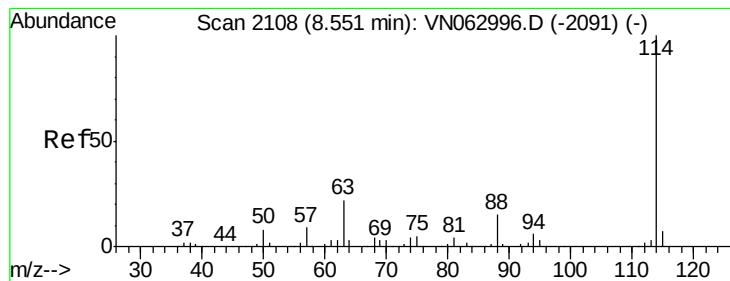
Tot Ion: 83 Resp: 3212
Ion Ratio Lower Upper
83 100
85 60.5 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 55.182 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 65 Resp: 96644
Ion Ratio Lower Upper
65 100
67 53.9 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

Instrument :

MSVOA_N

ClientSampleId :

AU-06-081720

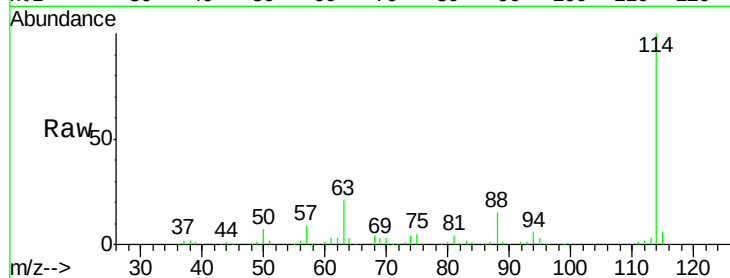
Tot Ion:114 Resp: 246733

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

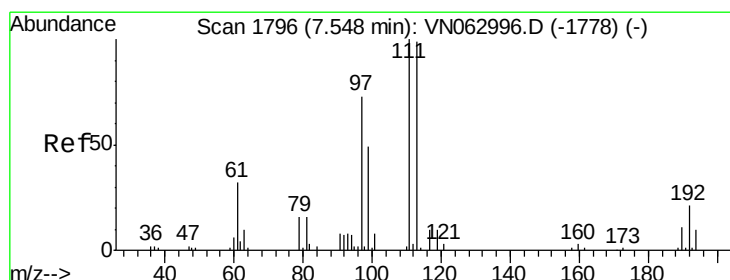
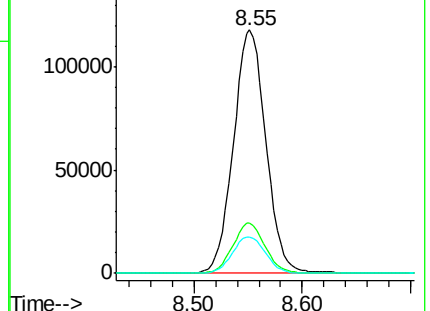
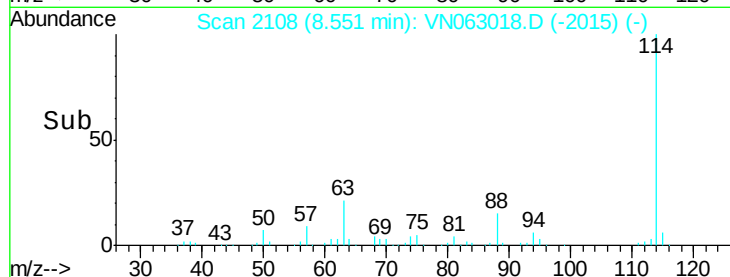
88 15.1 0.0 30.6



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



#35

Dibromofluoromethane

Concen: 52.972 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

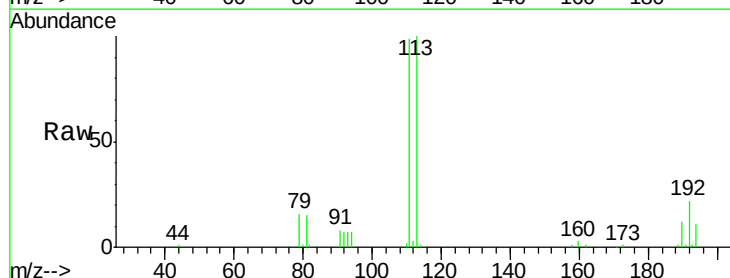
Tgt Ion:113 Resp: 85164

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

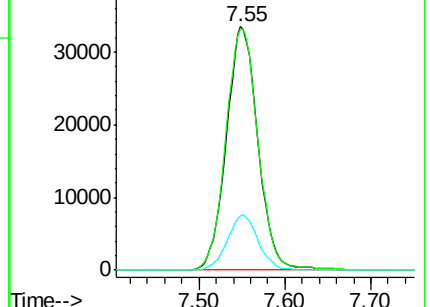
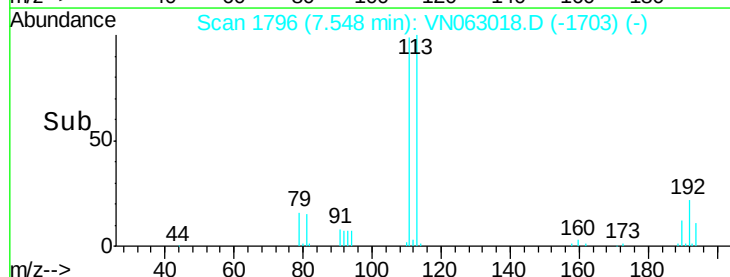
192 22.0 17.5 26.3

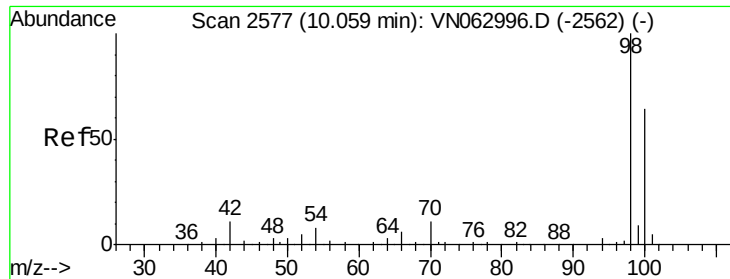


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.181 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

Instrument :

MSVOA_N

ClientSampleId :

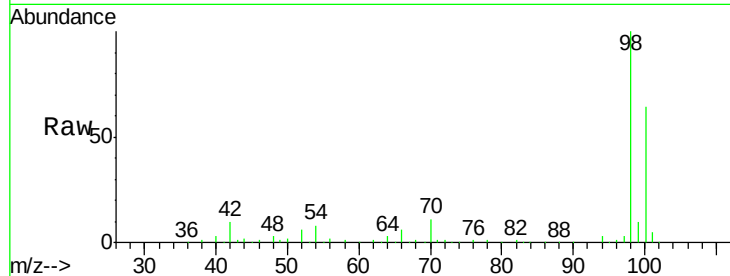
AU-06-081720

Tot Ion: 98 Resp: 316055

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

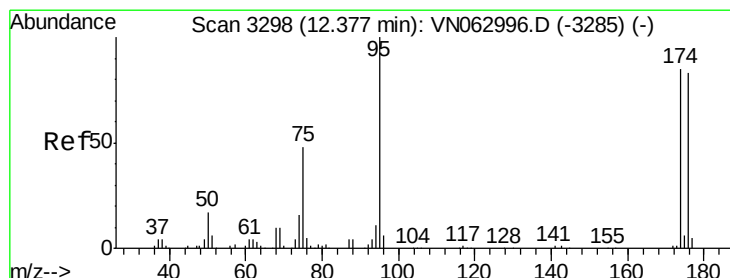
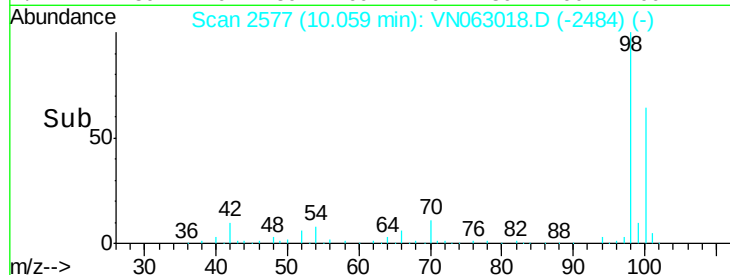
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.240 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

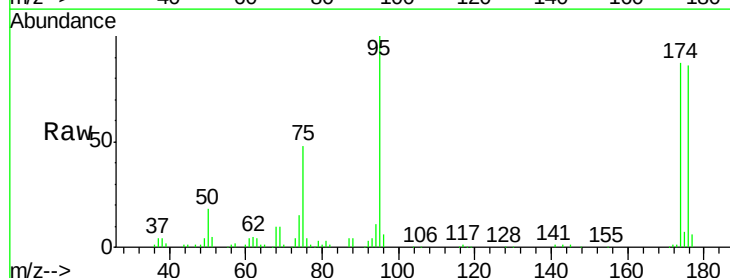
Tgt Ion: 95 Resp: 105122

Ion Ratio Lower Upper

95 100

174 88.6 0.0 170.8

176 85.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

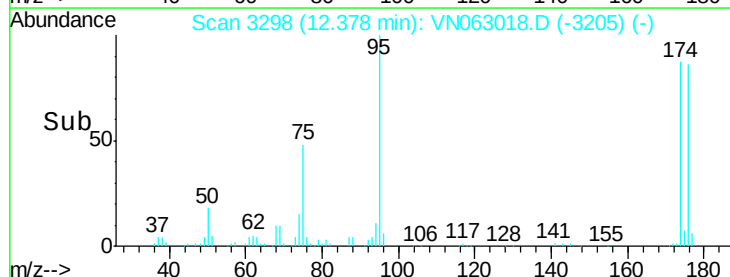
60000

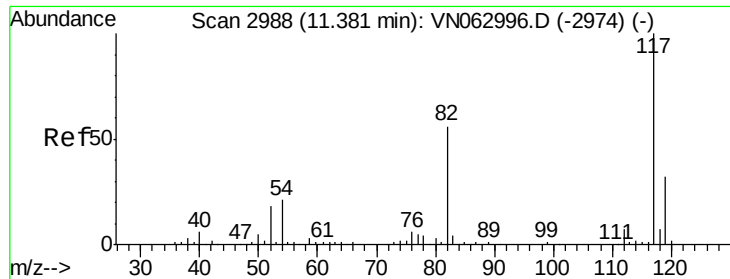
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

Instrument :

MSVOA_N

ClientSampleId :

AU-06-081720

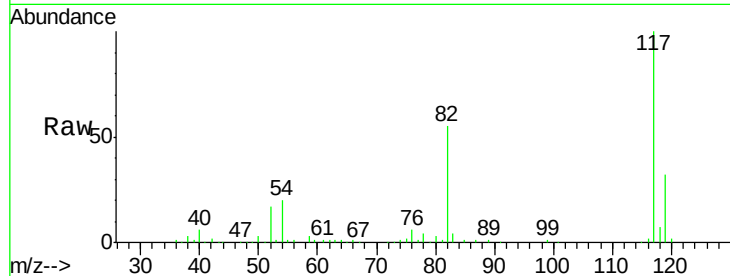
Tot Ion:117 Resp: 252714

Ion Ratio Lower Upper

117 100

82 54.5 44.5 66.7

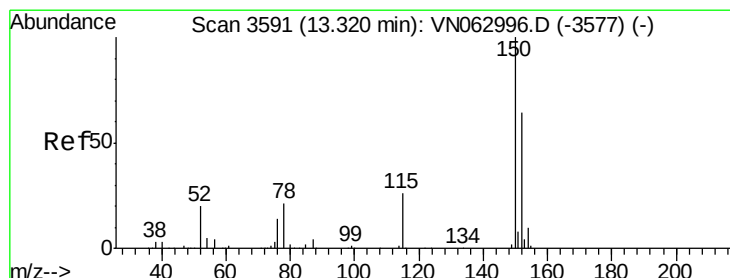
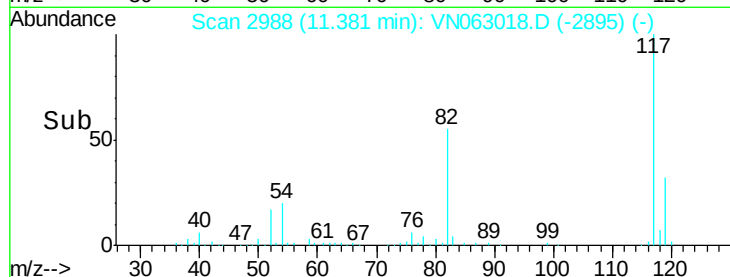
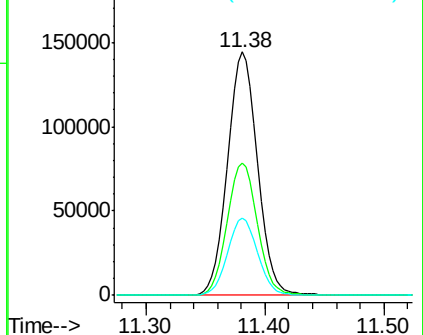
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063018.D

Acq: 19 Aug 2020 17:33

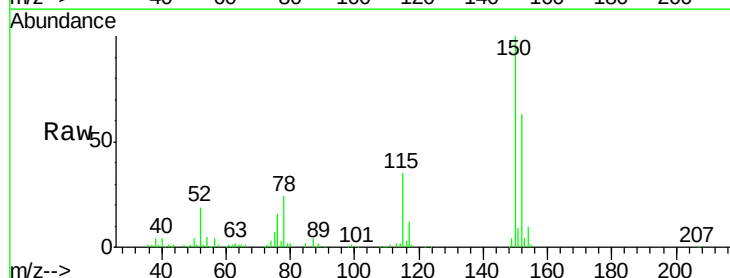
Tgt Ion:152 Resp: 92242

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.3

150 158.8 0.0 348.8



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

