

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063052.D
 Acq On : 20 Aug 2020 22:51
 Operator : JC/MD
 Sample : L3720-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: Aug 21 06:59:33 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

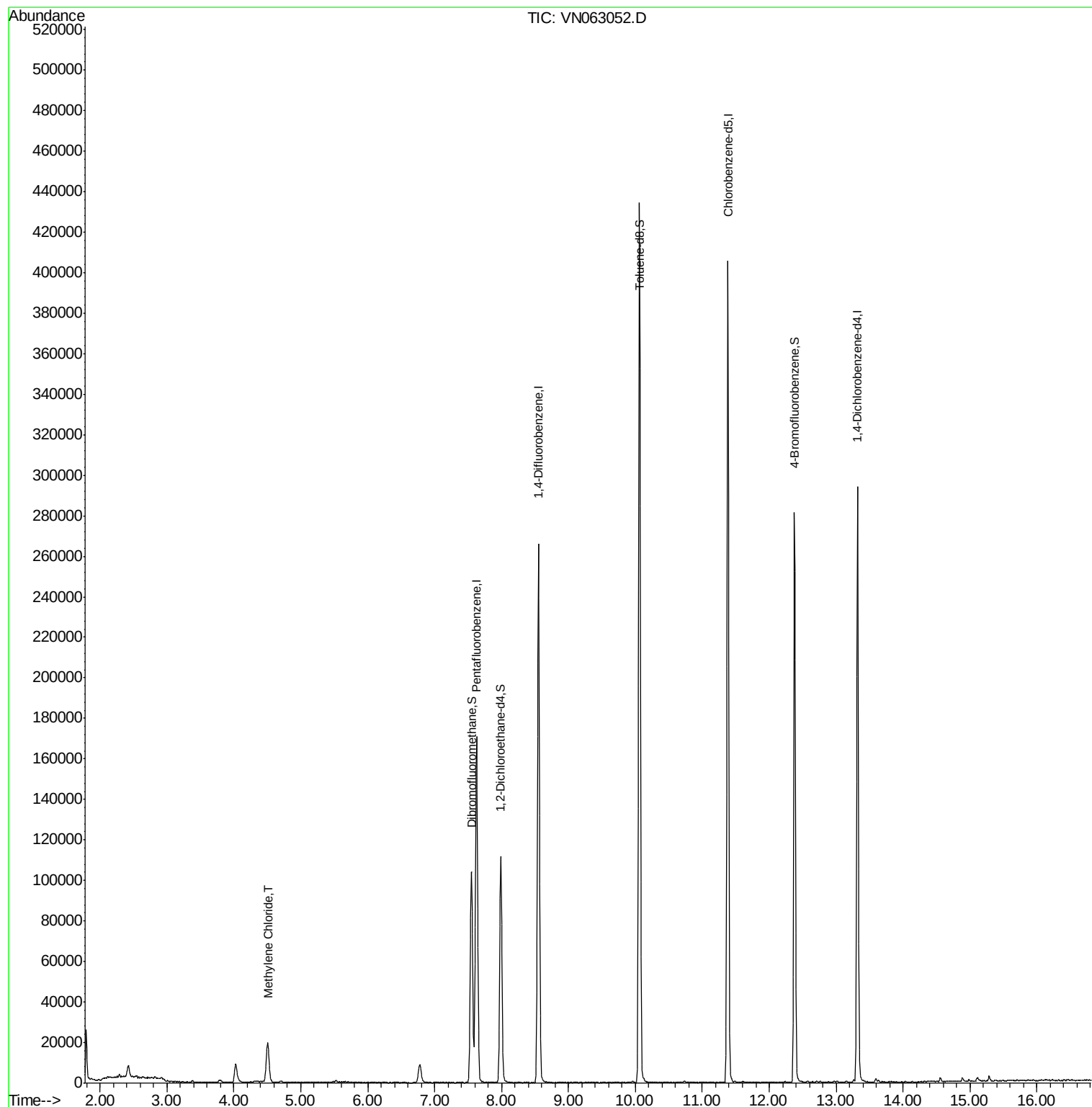
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95621	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.55	113	82942	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
50) Toluene-d8	10.06	98	305576	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.38	95	98518	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
20) Methylene Chloride	4.50	84	14902	8.789	ug/l	Qvalue 97

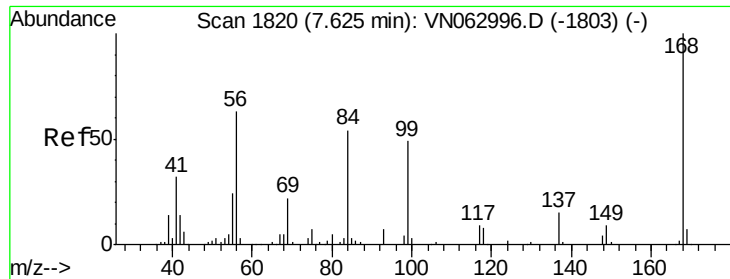
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063052.D

Acq: 20 Aug 2020 22:51

Instrument :

MSVOA_N

ClientSampled :

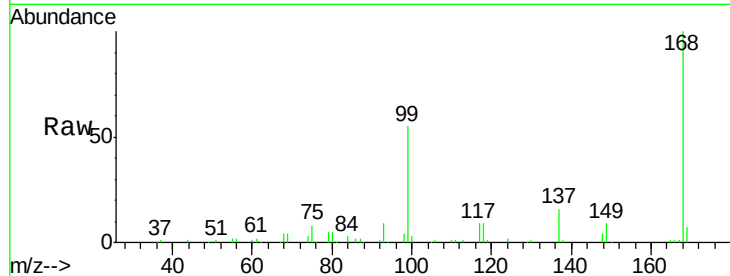
FB

Tot Ion:168 Resp: 144203

Ion Ratio Lower Upper

168 100

99 54.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

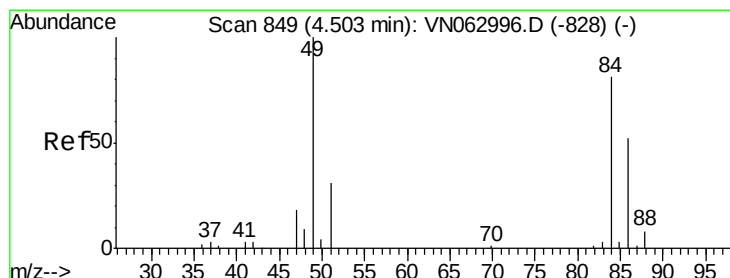
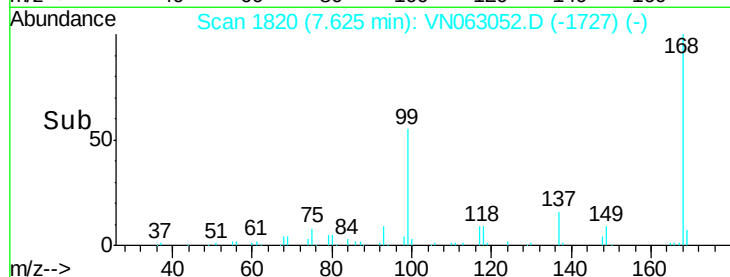
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 8.789 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063052.D

Acq: 20 Aug 2020 22:51

Tgt Ion: 84 Resp: 14902

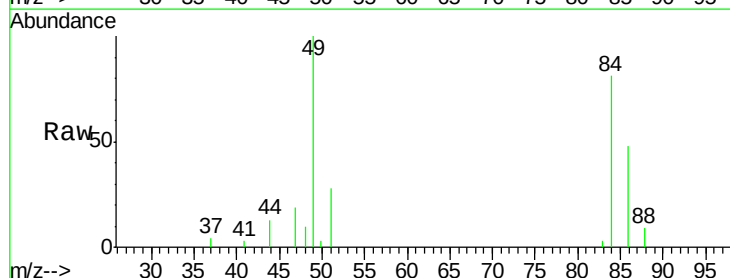
Ion Ratio Lower Upper

84 100

49 124.0 98.7 148.1

51 34.7 30.8 46.2

86 59.0 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.50

10000

8000

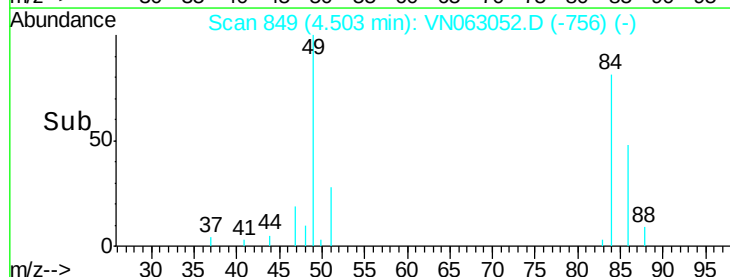
6000

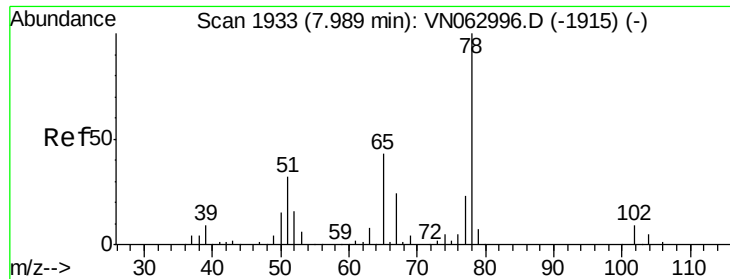
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

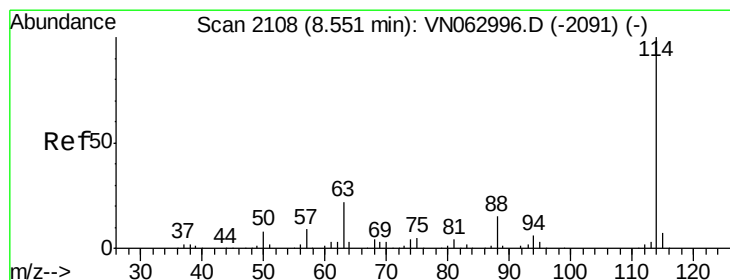
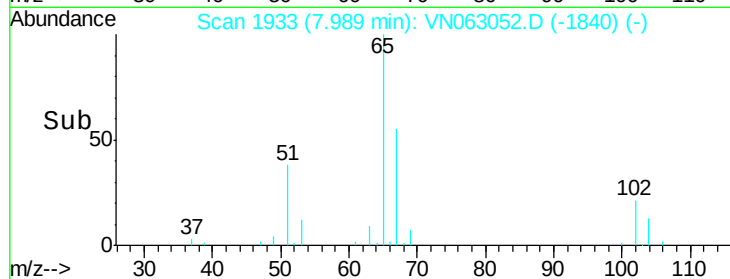
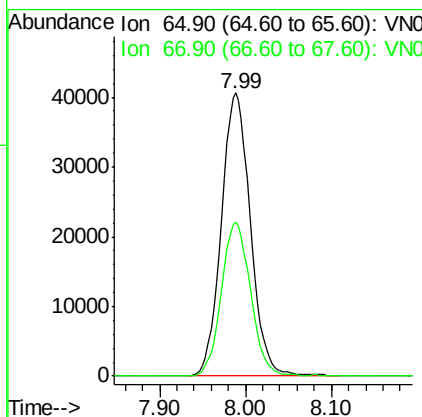
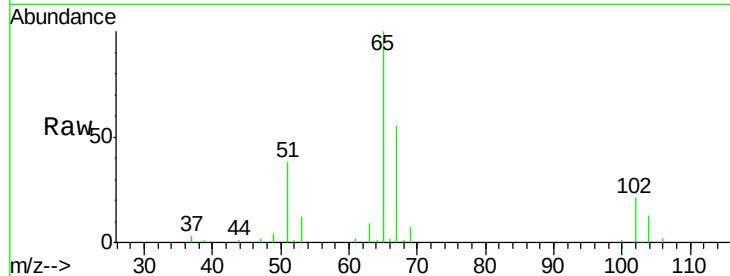




#33
 1,2-Dichloroethane-d4
 Concen: 55.949 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063052.D
 Acq: 20 Aug 2020 22:51

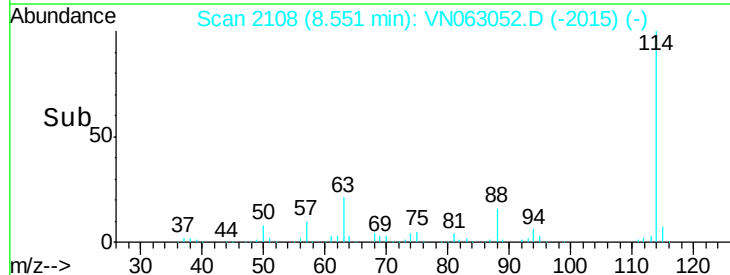
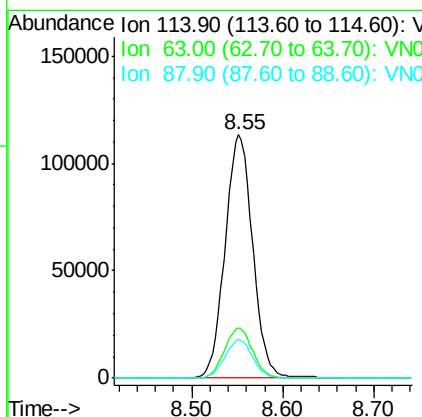
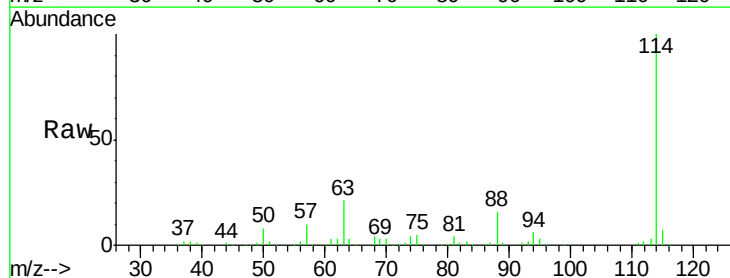
Instrument :
 MSVOA_N
 ClientSampled :
 FB

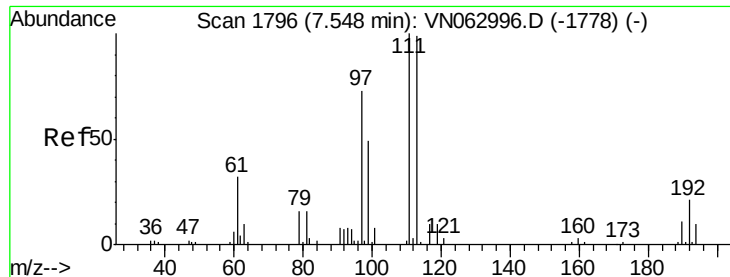
Tot Ion: 65 Resp: 95621
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063052.D
 Acq: 20 Aug 2020 22:51

Tgt Ion: 114 Resp: 238957
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 16.0 0.0 30.6

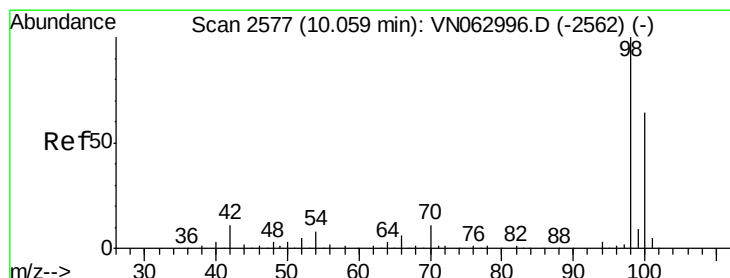
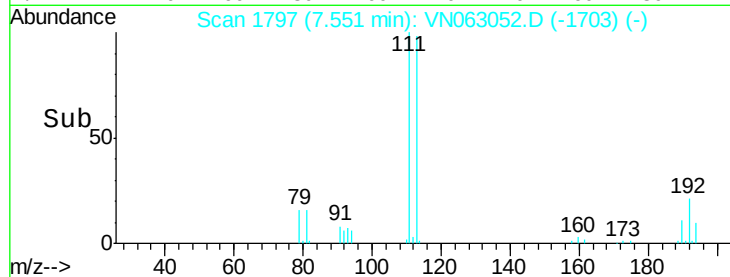
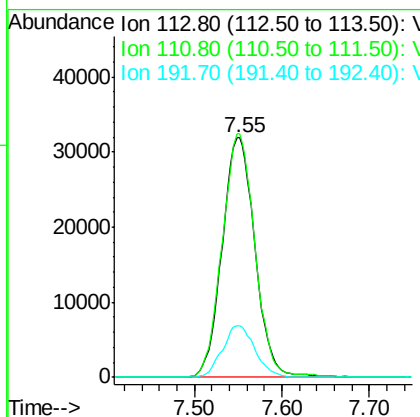
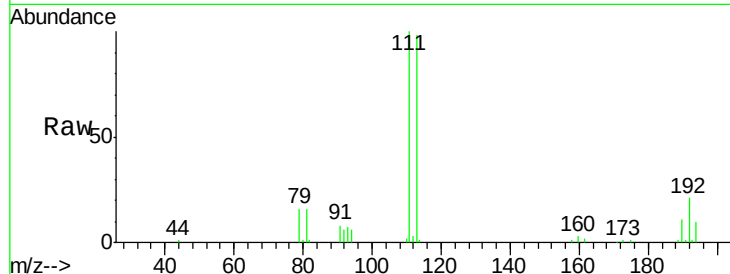




#35
 Dibromofluoromethane
 Concen: 53.269 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063052.D
 Acq: 20 Aug 2020 22:51

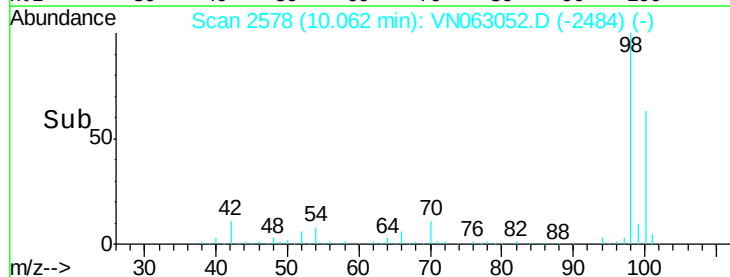
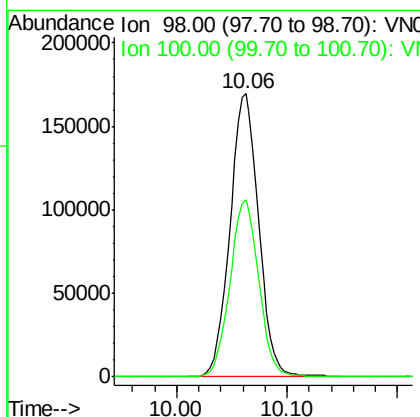
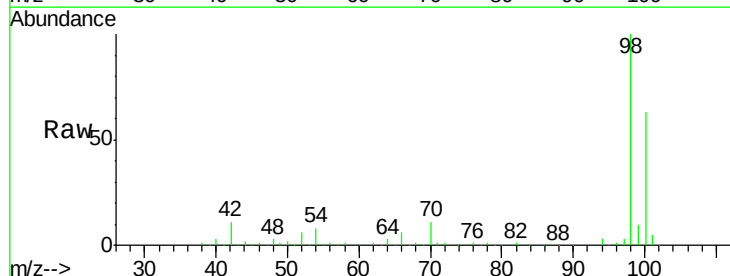
Instrument :
 MSVOA_N
 ClientSampleId :
 FB

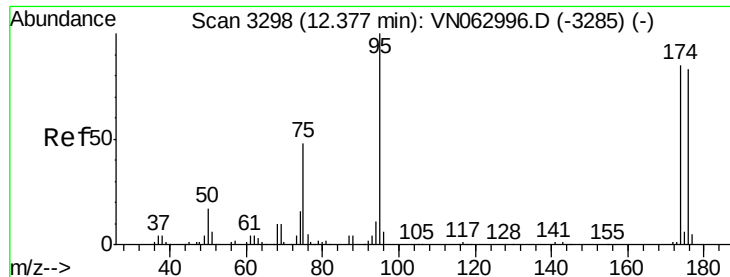
Tot Ion:113 Resp: 82942
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.7 122.5
 192 21.4 17.5 26.3



#50
 Toluene-d8
 Concen: 51.094 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063052.D
 Acq: 20 Aug 2020 22:51

Tgt Ion: 98 Resp: 305576
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 46.680 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063052.D

Acq: 20 Aug 2020 22:51

Instrument :

MSVOA_N

ClientSampled :

FB

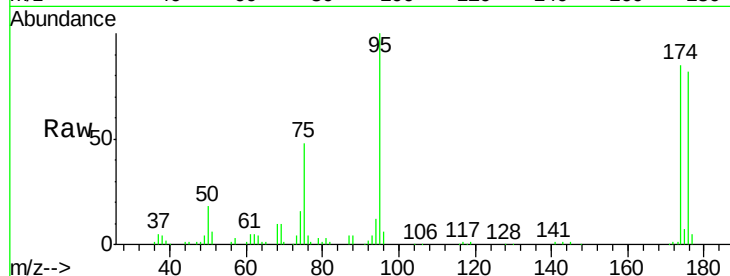
Tot Ion: 95 Resp: 98518

Ion Ratio Lower Upper

95 100

174 87.0 0.0 170.8

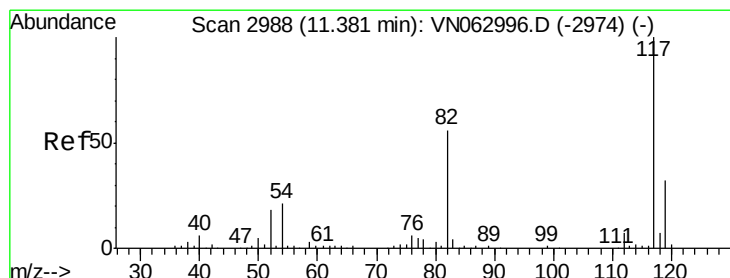
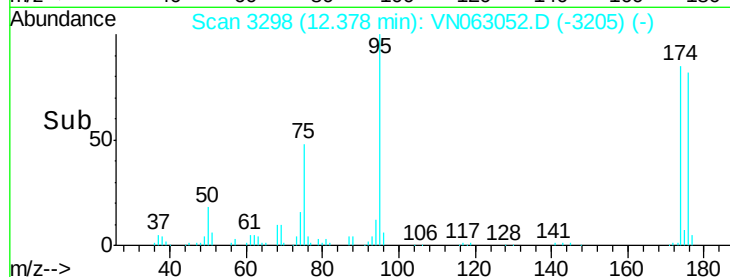
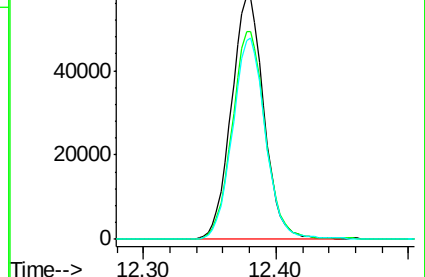
176 83.7 0.0 164.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063052.D

Acq: 20 Aug 2020 22:51

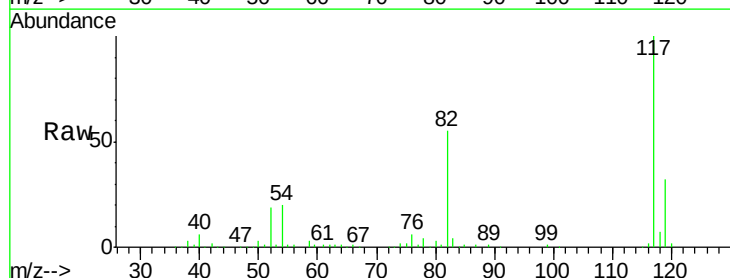
Tgt Ion: 117 Resp: 240758

Ion Ratio Lower Upper

117 100

82 55.3 44.5 66.7

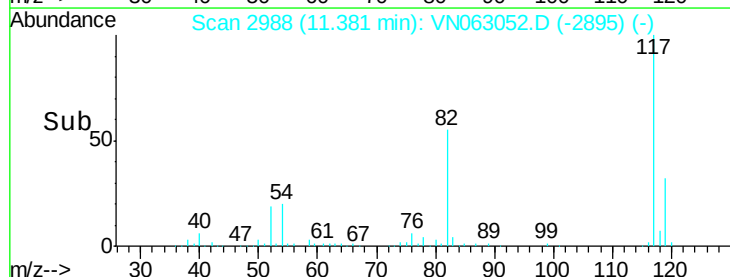
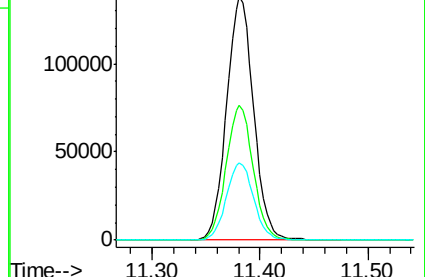
119 31.9 25.5 38.3

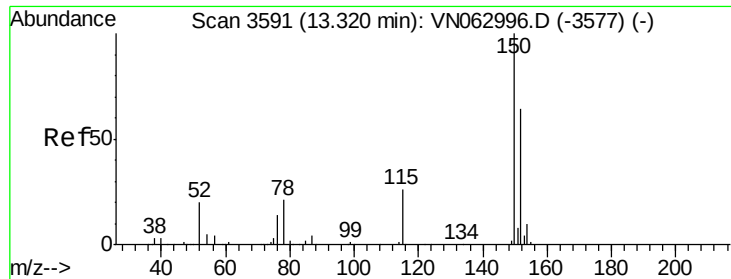


Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063052.D

Acq: 20 Aug 2020 22:51

Instrument :

MSVOA_N

ClientSampleId :

FB

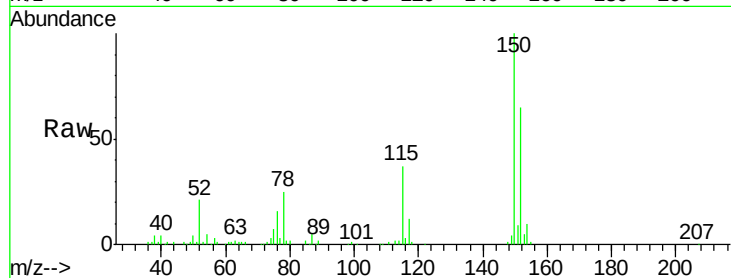
Tot Ion:152 Resp: 85275

Ion Ratio Lower Upper

152 100

115 55.9 28.7 86.3

150 155.5 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

