

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061464.D
 Acq On : 19 May 2020 6:56
 Operator : JC/MD
 Sample : L2645-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-051320

Quant Time: May 19 07:54:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

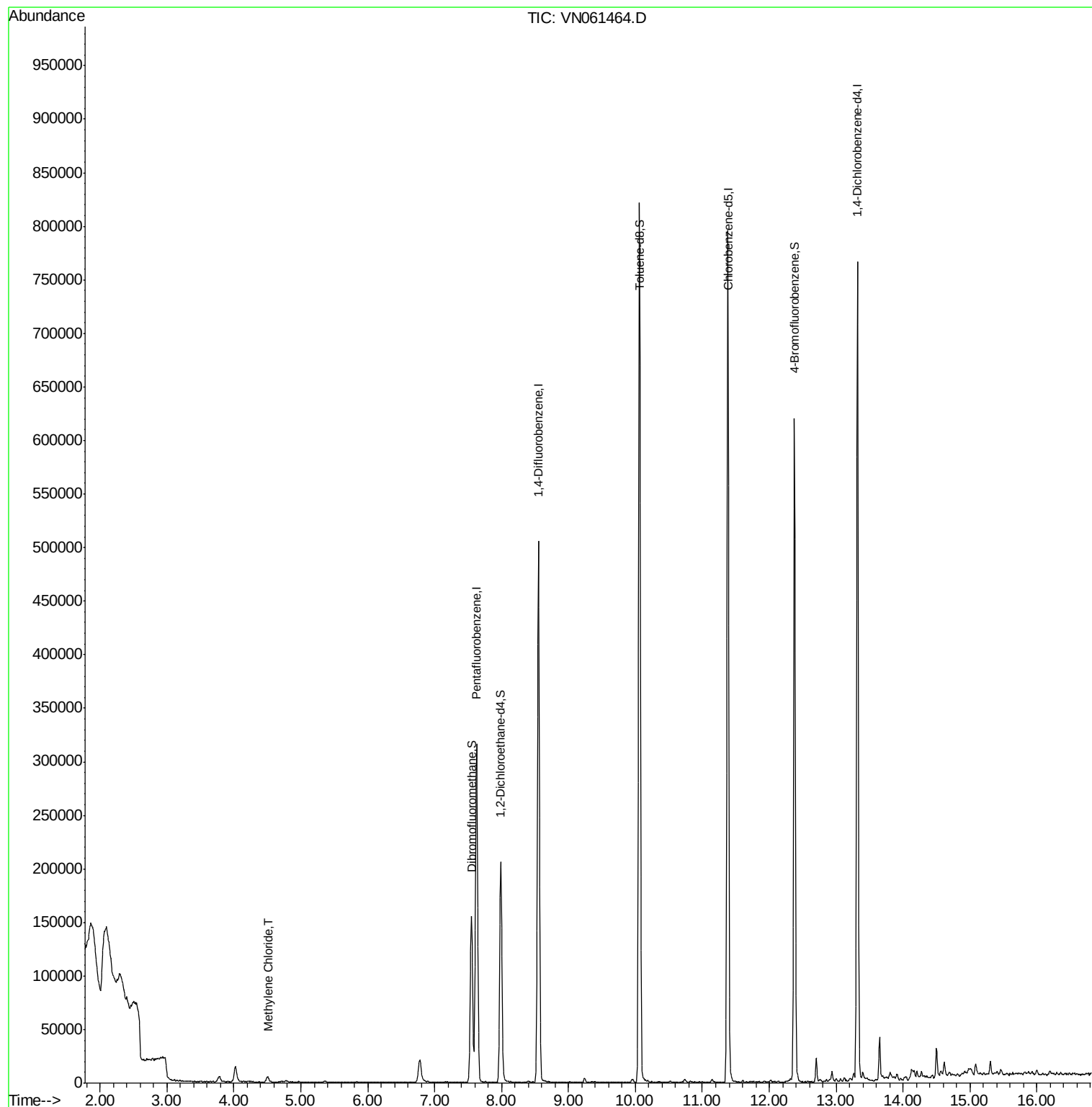
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179087	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	7.55	113	119036	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	10.06	98	576493	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.38	95	222272	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
Target Compounds						
20) Methylene Chloride	4.50	84	3463	1.152	ug/l	Qvalue 96

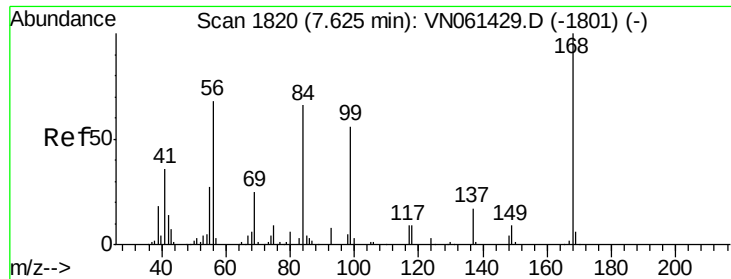
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061464.D

Acq: 19 May 2020 6:56

Instrument :

MSVOA_N

ClientSampleId :

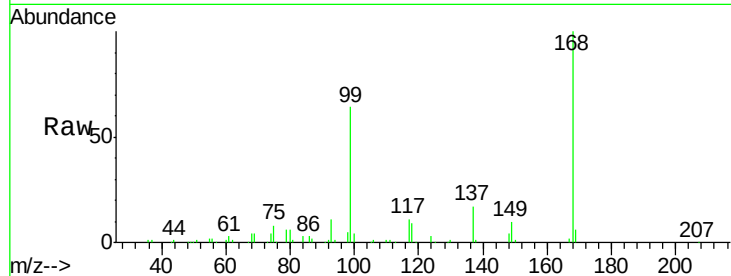
FB-051320

Tot Ion:168 Resp: 245114

Ion Ratio Lower Upper

168 100

99 64.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

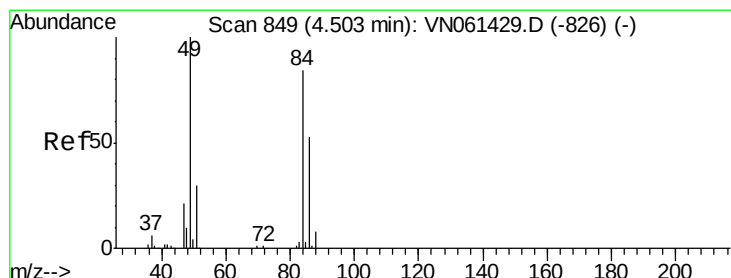
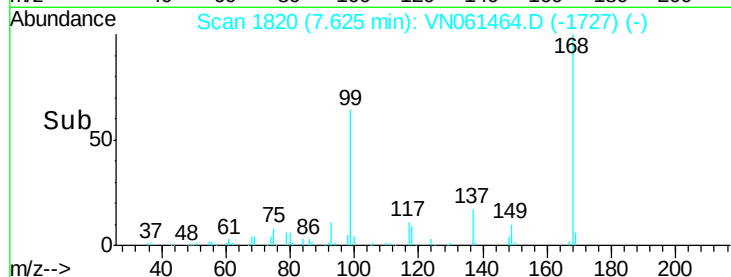
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.152 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN061464.D

Acq: 19 May 2020 6:56

Tgt Ion: 84 Resp: 3463

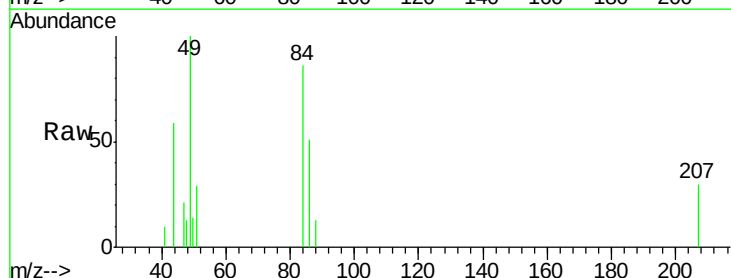
Ion Ratio Lower Upper

84 100

49 115.9 95.3 142.9

51 34.1 29.0 43.6

86 58.8 50.2 75.2



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

2000

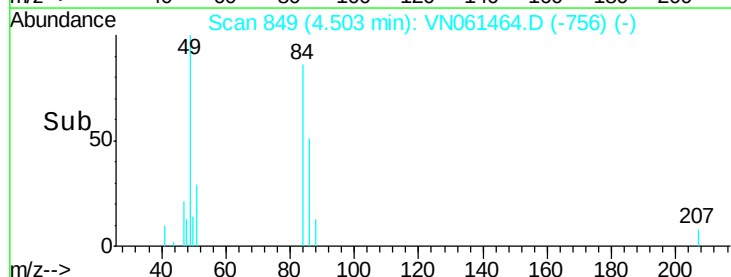
1500

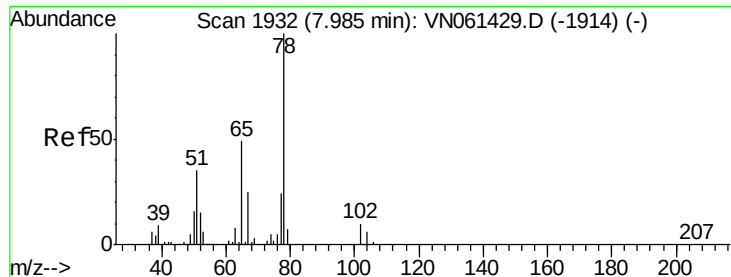
1000

500

0

Time--> 4.45 4.50 4.55

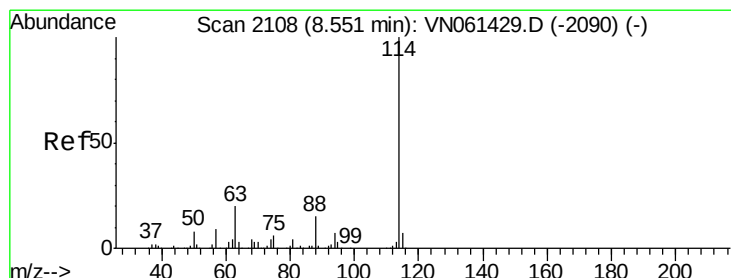
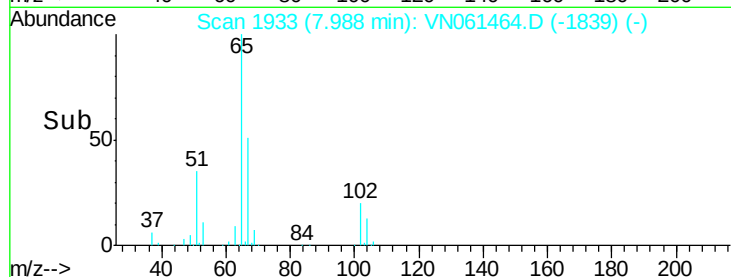
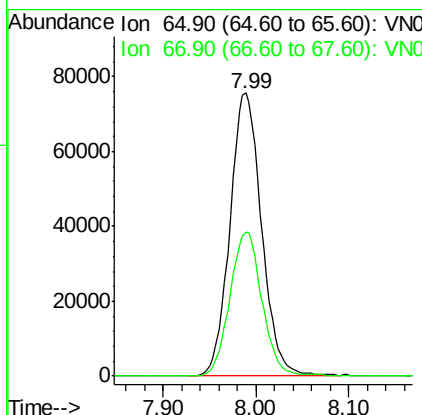
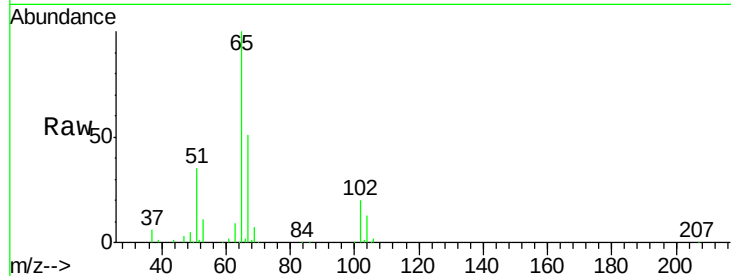




#33
 1,2-Dichloroethane-d4
 Concen: 48.955 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061464.D
 Acq: 19 May 2020 6:56

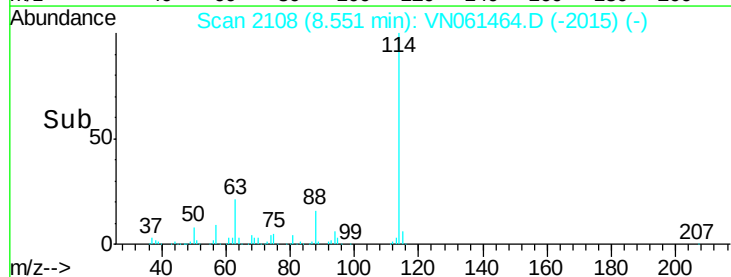
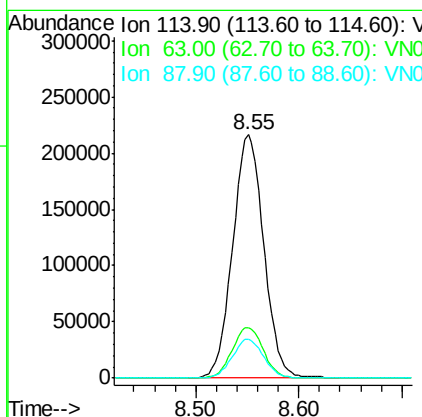
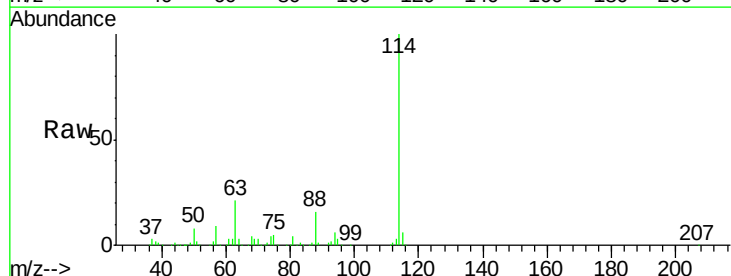
Instrument :
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 FB-051320

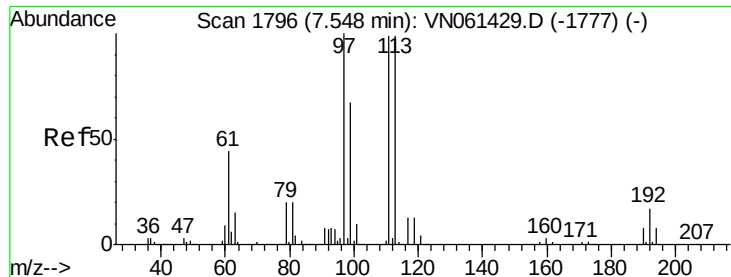
Tot Ion: 65 Resp: 179087
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061464.D
 Acq: 19 May 2020 6:56

Tgt Ion: 114 Resp: 454845
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 15.9 0.0 30.8

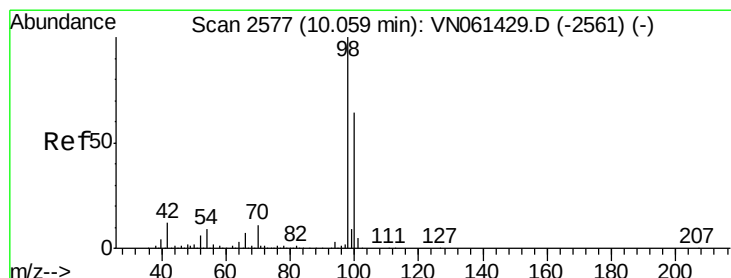
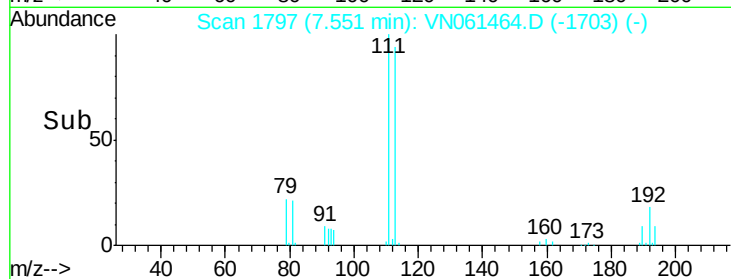
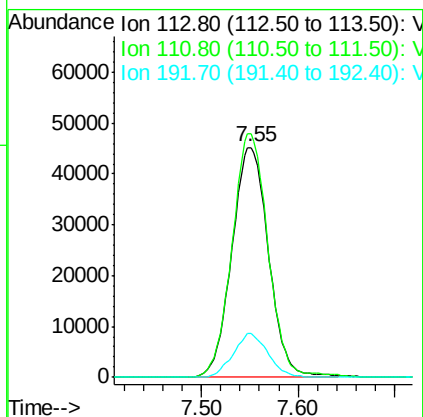
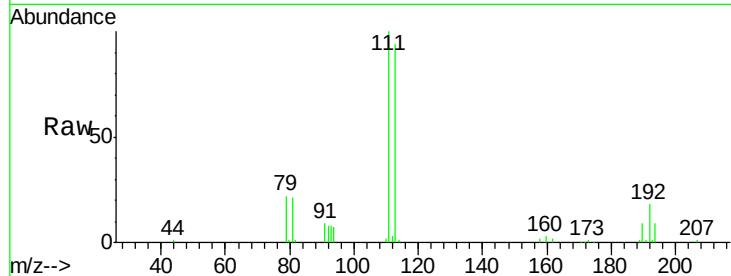




#35
 Dibromofluoromethane
 Concen: 49.956 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061464.D
 Acq: 19 May 2020 6:56

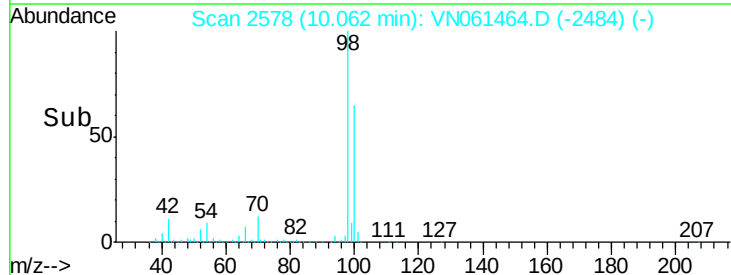
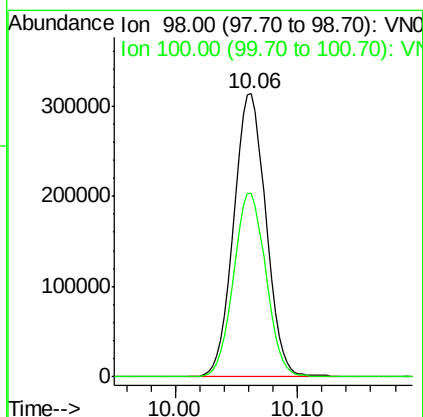
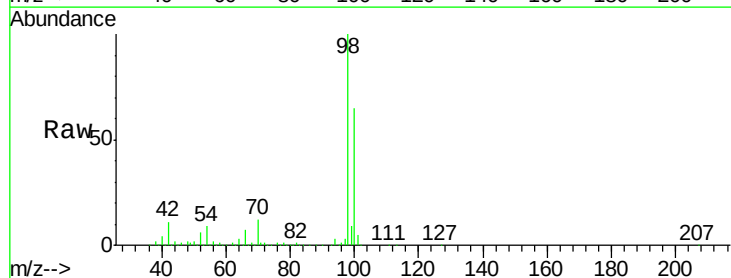
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-051320

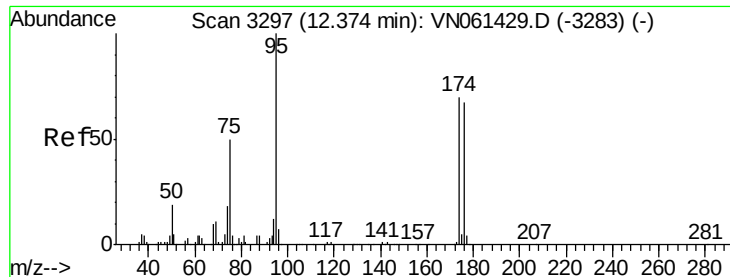
Tot Ion:113 Resp: 119036
 Ion Ratio Lower Upper
 113 100
 111 104.2 80.6 121.0
 192 17.9 13.2 19.8



#50
 Toluene-d8
 Concen: 52.162 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN061464.D
 Acq: 19 May 2020 6:56

Tgt Ion: 98 Resp: 576493
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8

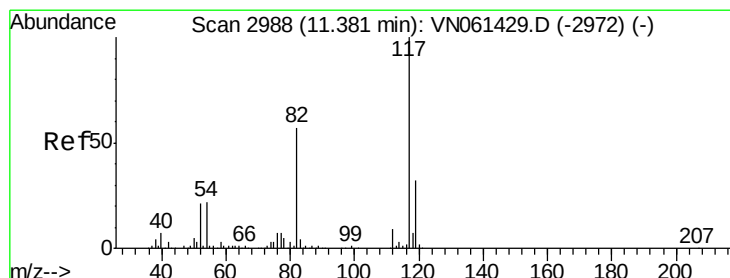
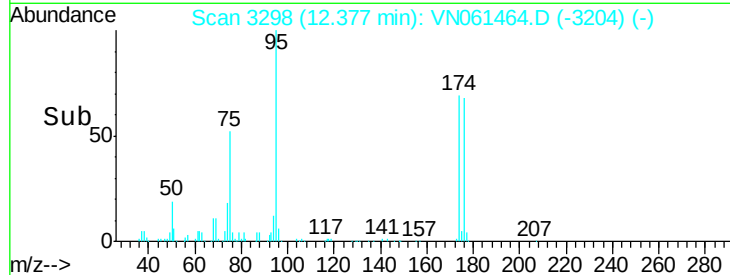
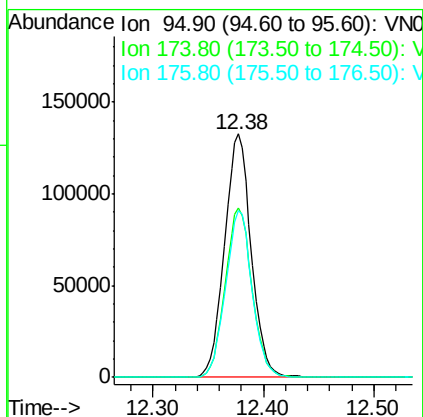
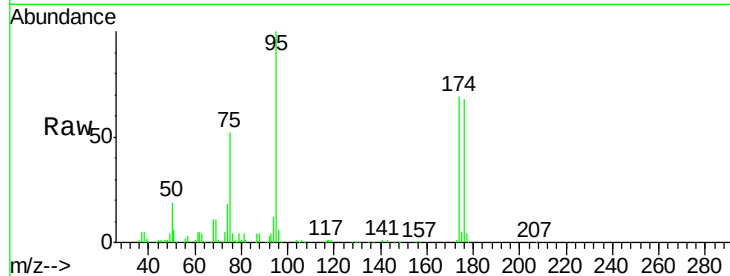




#62
4-Bromofluorobenzene
Concen: 53.830 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061464.D
Acq: 19 May 2020 6:56

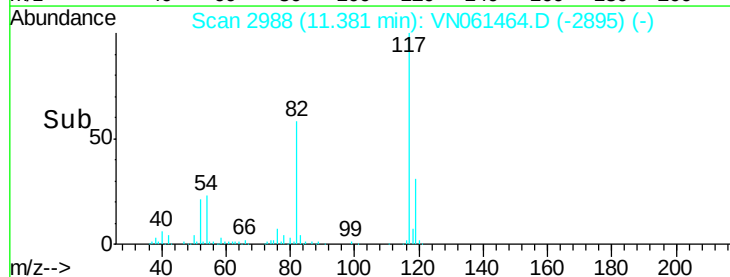
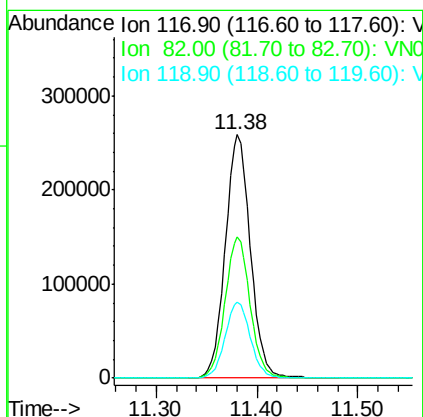
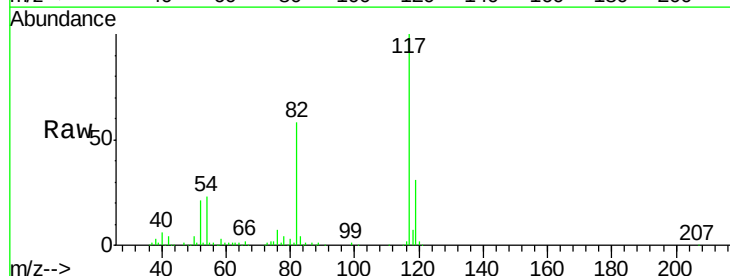
Instrument :
MSVOA_N
ClientSampleId :
FB-051320

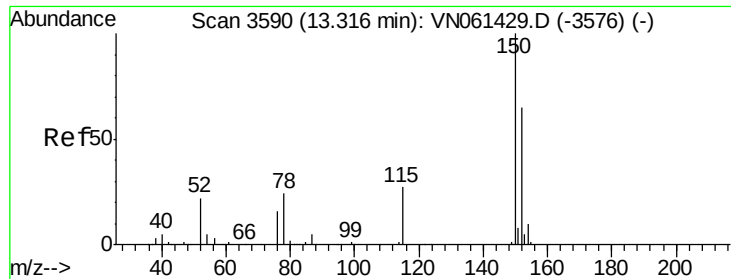
Tot Ion: 95 Resp: 222272
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.2
176 68.2 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061464.D
Acq: 19 May 2020 6:56

Tgt Ion: 117 Resp: 449803
Ion Ratio Lower Upper
117 100
82 58.0 45.2 67.8
119 31.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061464.D

Acq: 19 May 2020 6:56

Instrument :

MSVOA_N

ClientSampleId :

FB-051320

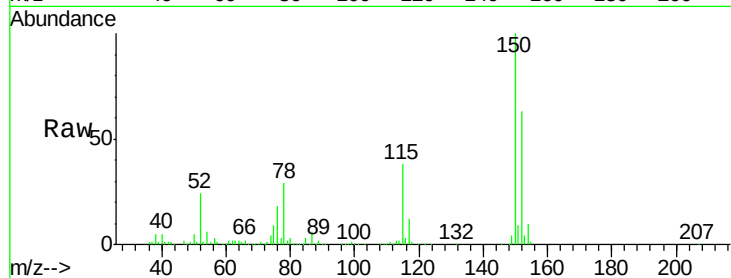
Tot Ion:152 Resp: 196316

Ion Ratio Lower Upper

152 100

115 61.3 30.9 92.5

150 158.0 0.0 349.2



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

