

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061445.D
 Acq On : 18 May 2020 19:24
 Operator : JC/MD
 Sample : PB128920TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128920TB

Quant Time: May 19 04:33:26 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

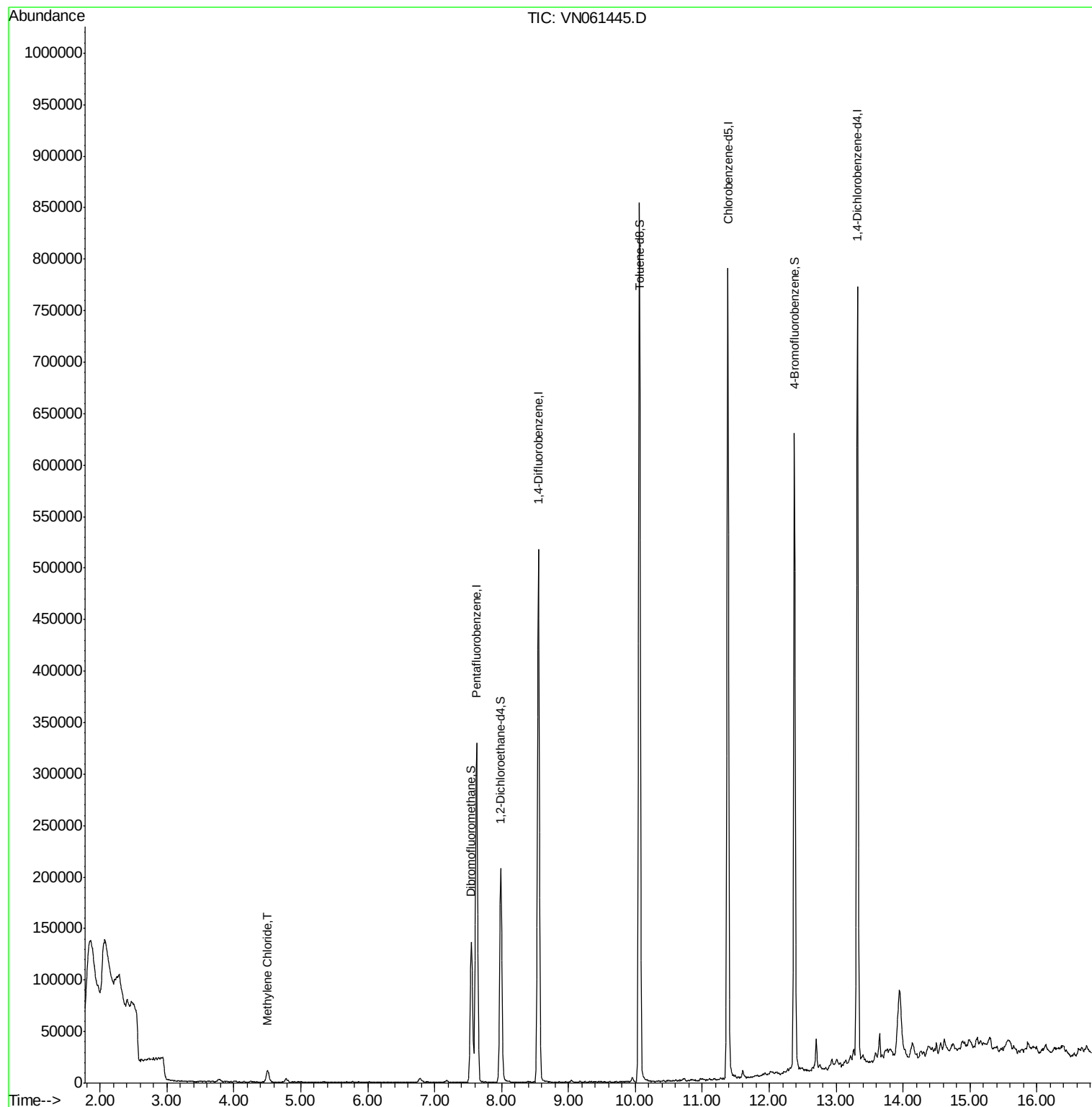
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	253237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182672	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	7.55	113	105433	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
50) Toluene-d8	10.06	98	587664	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.38	95	221029	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
Target Compounds						
20) Methylene Chloride	4.50	84	8815	2.838	ug/l	Qvalue 92

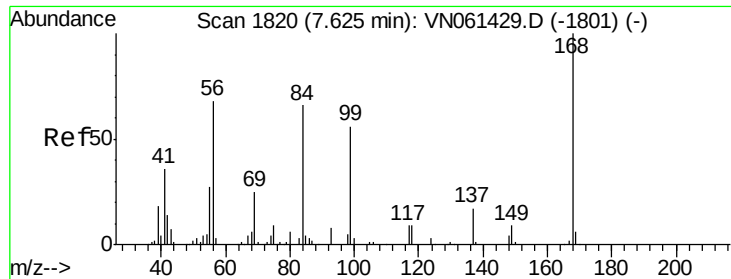
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061445.D

Acq: 18 May 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

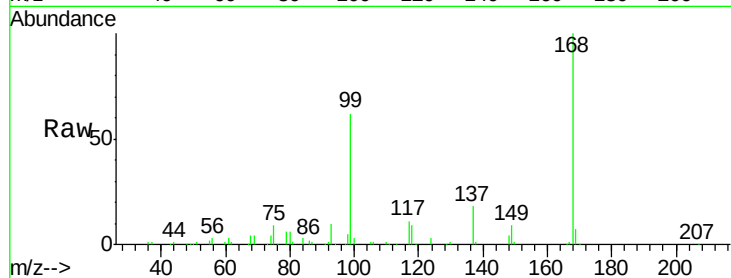
PB128920TB

Tot Ion:168 Resp: 253237

Ion Ratio Lower Upper

168 100

99 62.3 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

120000

100000

80000

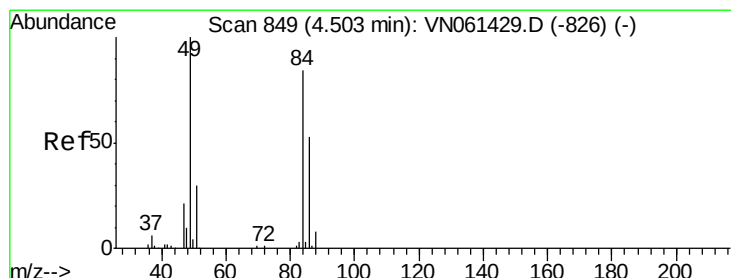
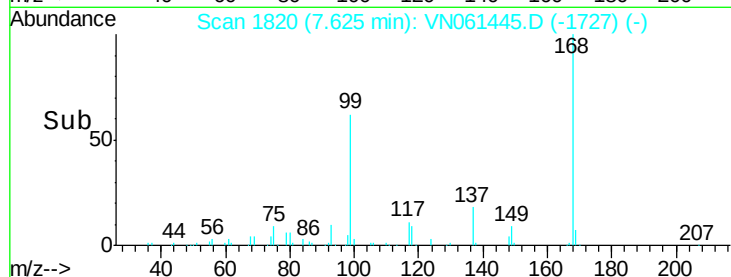
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.838 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN061445.D

Acq: 18 May 2020 19:24

Tgt Ion: 84 Resp: 8815

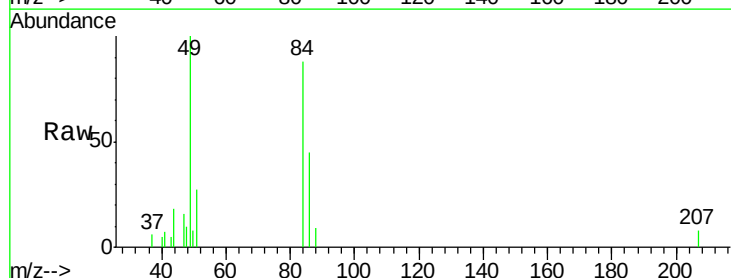
Ion Ratio Lower Upper

84 100

49 114.2 95.3 142.9

51 31.1 29.0 43.6

86 51.1 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

5000

4000

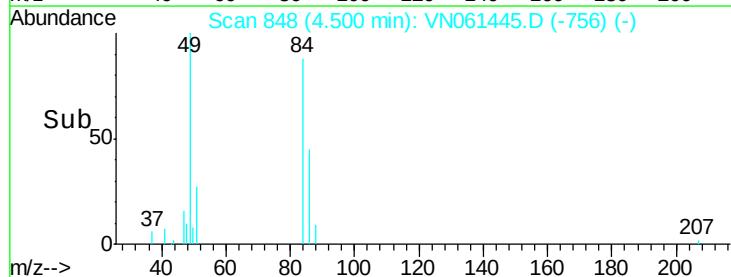
3000

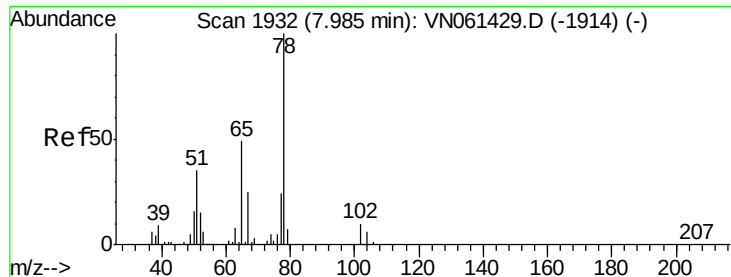
2000

1000

0

Time-->

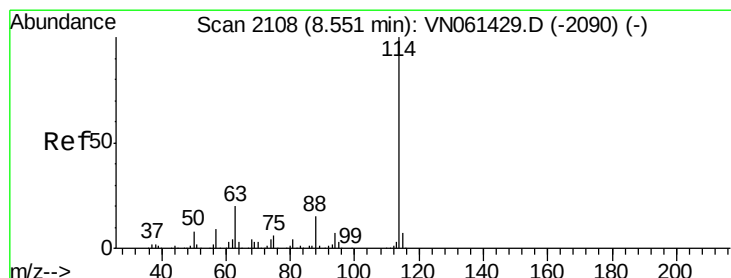
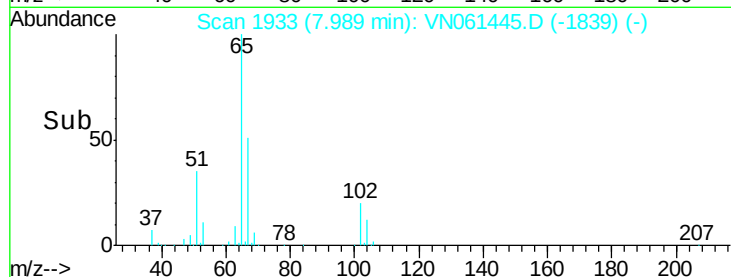
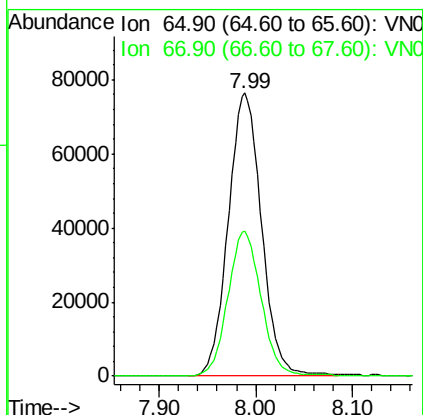
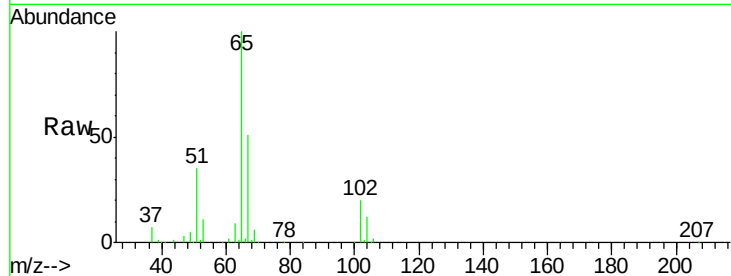




#33
 1,2-Dichloroethane-d4
 Concen: 48.333 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061445.D
 Acq: 18 May 2020 19:24

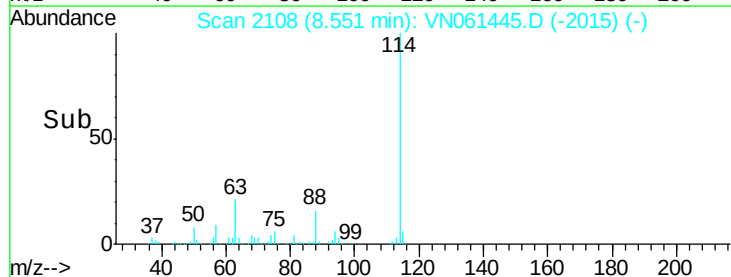
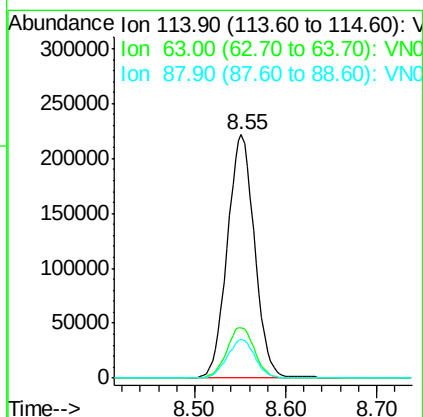
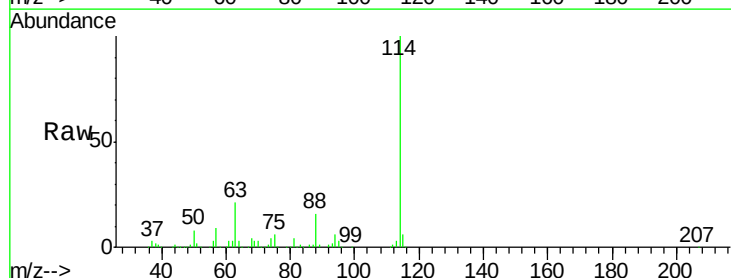
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128920TB

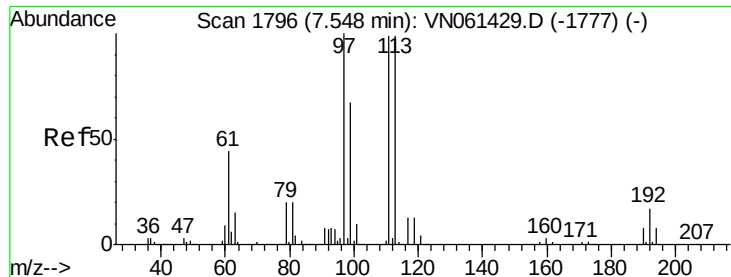
Tot Ion: 65 Resp: 182672
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061445.D
 Acq: 18 May 2020 19:24

Tgt Ion: 114 Resp: 461831
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.1 0.0 30.8

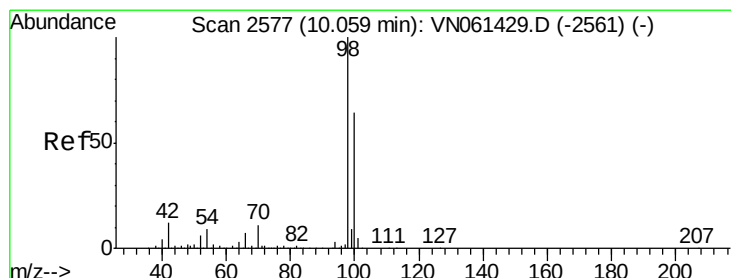
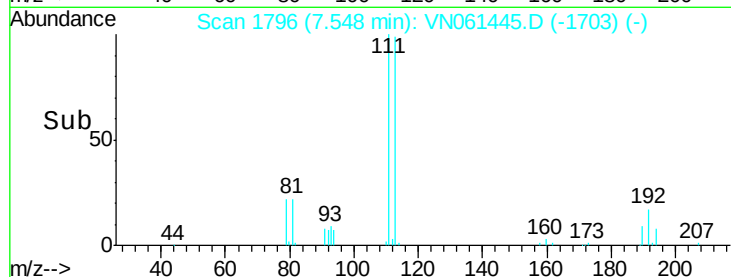
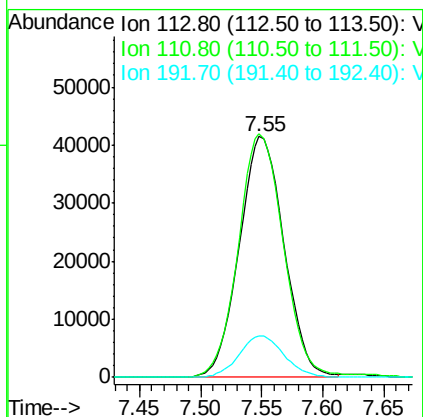
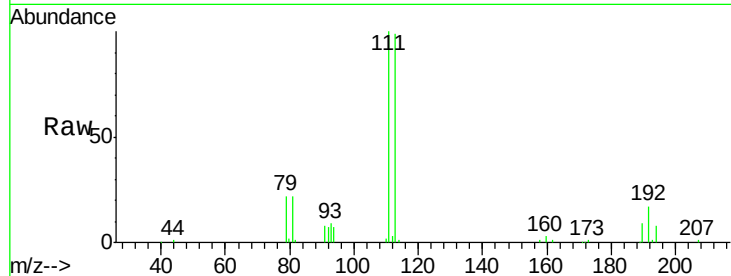




#35
 Dibromofluoromethane
 Concen: 43.578 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061445.D
 Acq: 18 May 2020 19:24

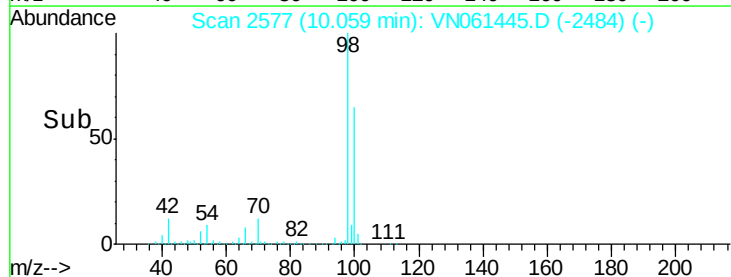
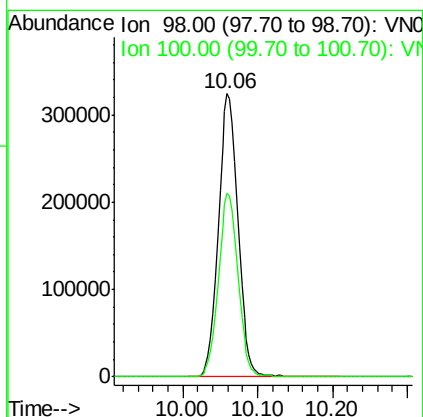
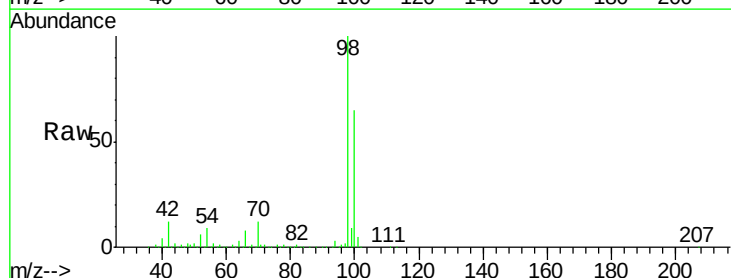
Instrument :
 MSVOA_N
 ClientSampled :
 PB128920TB

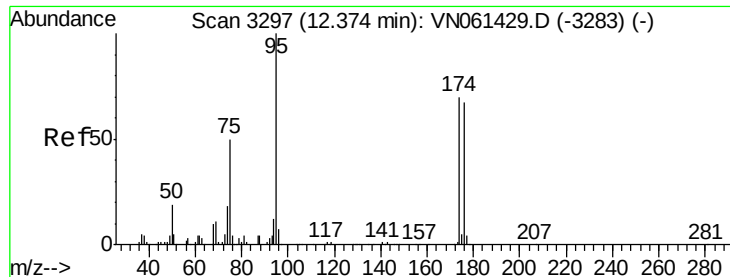
Tot Ion:113 Resp: 105433
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.6 121.0
 192 17.2 13.2 19.8



#50
 Toluene-d8
 Concen: 52.368 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061445.D
 Acq: 18 May 2020 19:24

Tgt Ion: 98 Resp: 587664
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.720 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061445.D

Acq: 18 May 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

PB128920TB

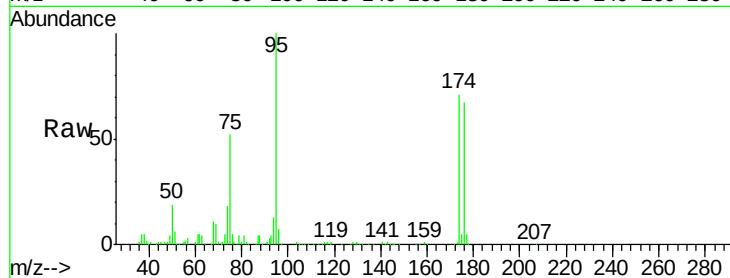
Tot Ion: 95 Resp: 221029

Ion Ratio Lower Upper

95 100

174 70.2 0.0 141.2

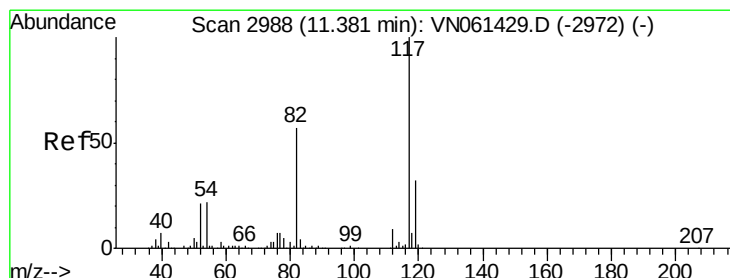
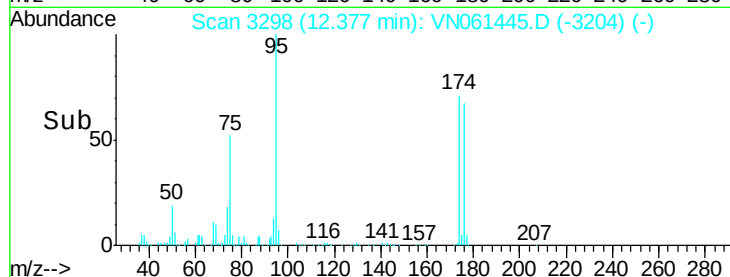
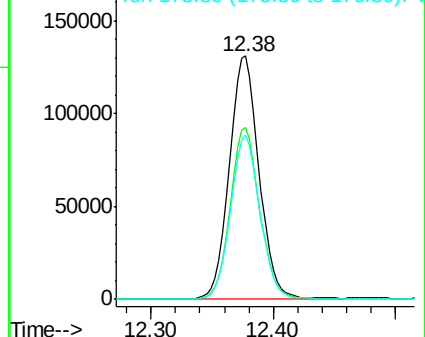
176 67.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061445.D

Acq: 18 May 2020 19:24

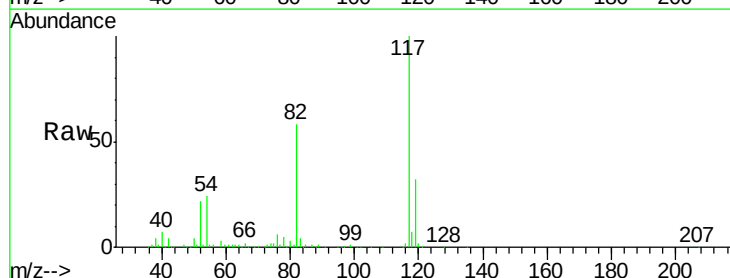
Tgt Ion: 117 Resp: 445332

Ion Ratio Lower Upper

117 100

82 57.8 45.2 67.8

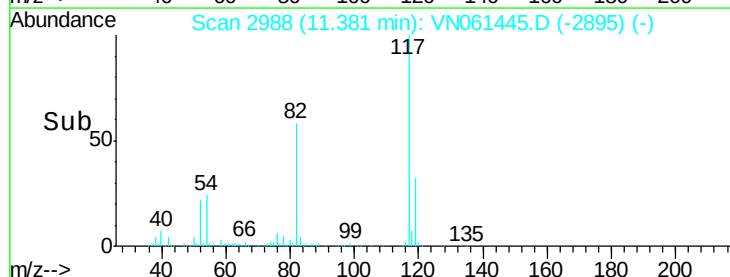
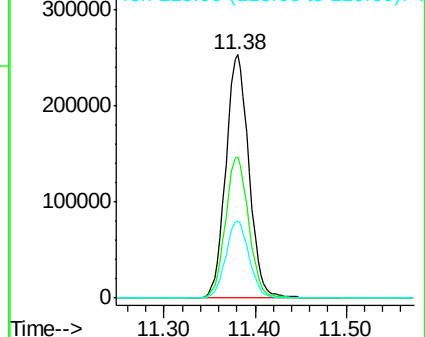
119 32.0 25.3 37.9

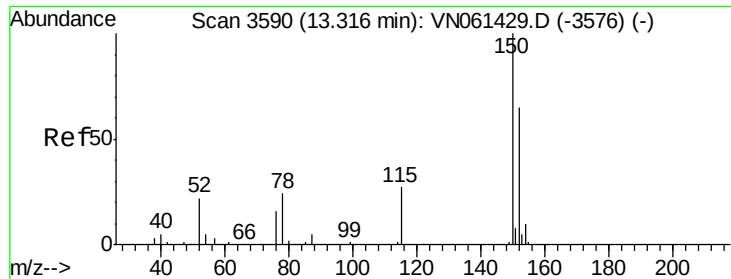


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061445.D

Acq: 18 May 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

PB128920TB

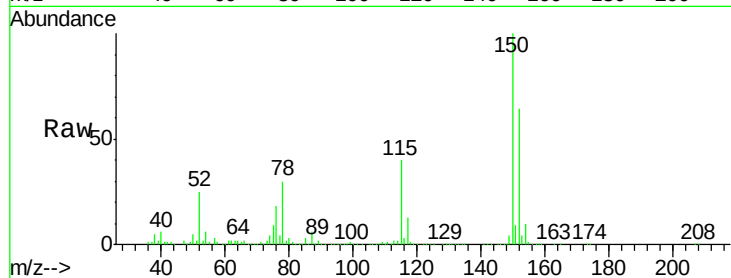
Tot Ion:152 Resp: 191870

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.5

150 157.9 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

