

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061524.D
 Acq On : 21 May 2020 12:44
 Operator : JC/MD
 Sample : PB129039TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129039TB

Quant Time: May 22 07:51:18 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

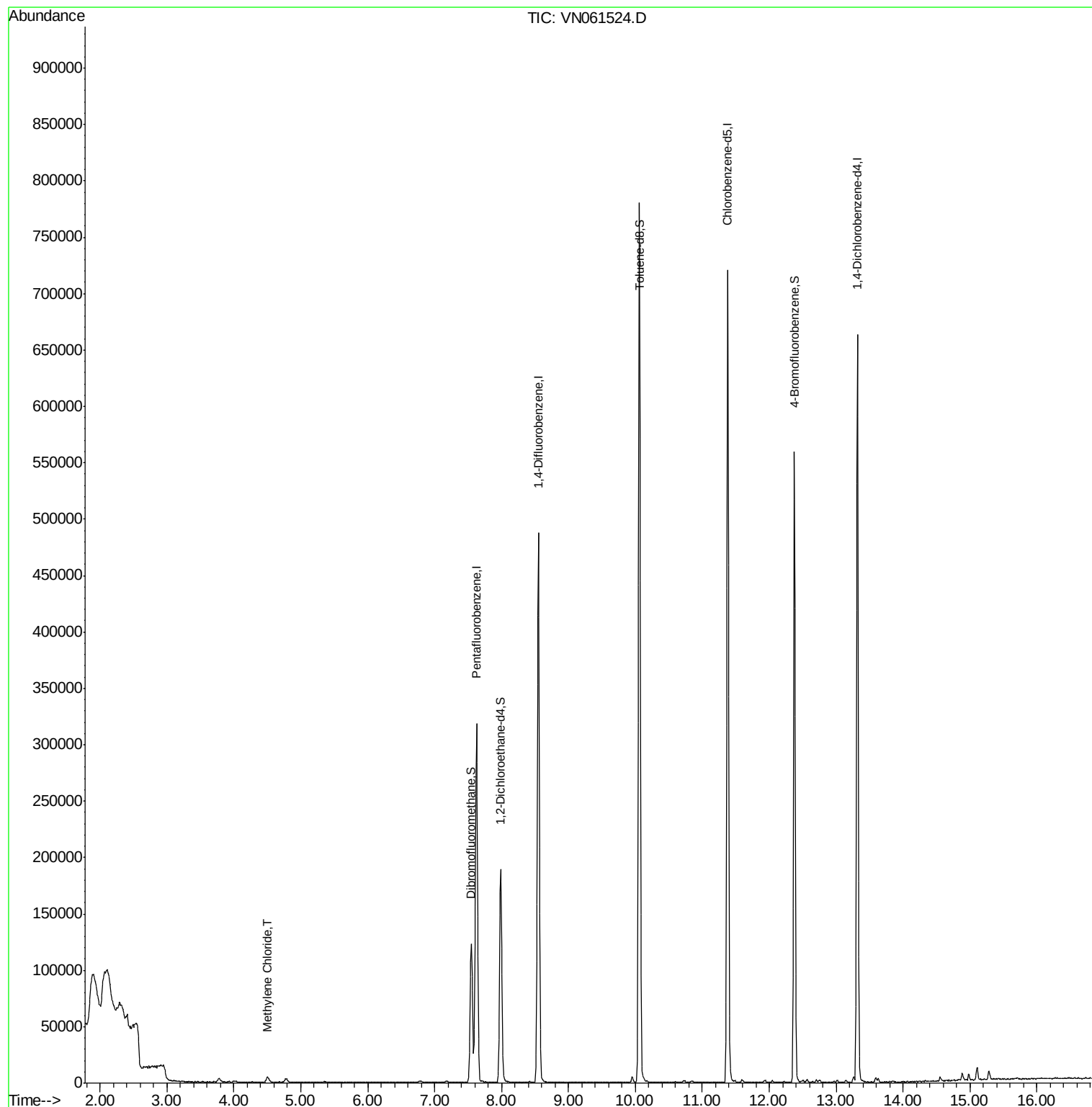
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164798	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
35) Dibromofluoromethane	7.55	113	98437	40.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.60%	
50) Toluene-d8	10.06	98	560987	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.37	95	200745	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
Target Compounds						
20) Methylene Chloride	4.50	84	3884	1.254	ug/l	Qvalue 89

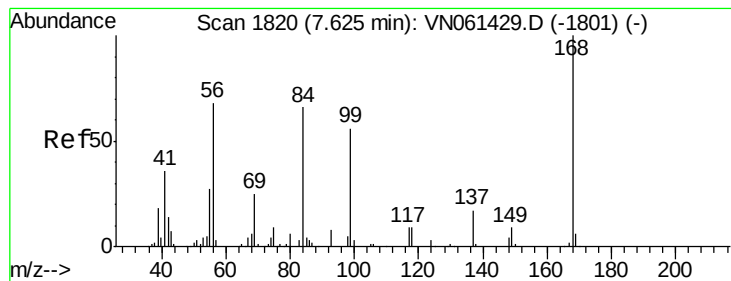
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061524.D

Acq: 21 May 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

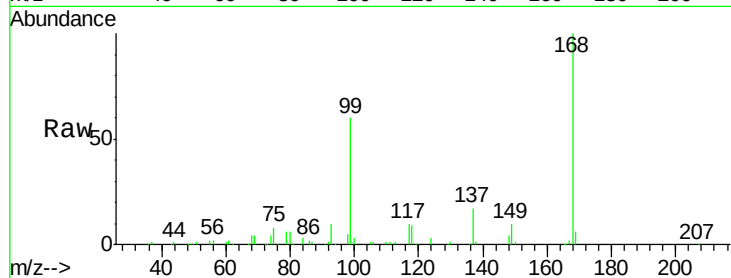
PB129039TB

Tot Ion:168 Resp: 252473

Ion Ratio Lower Upper

168 100

99 60.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

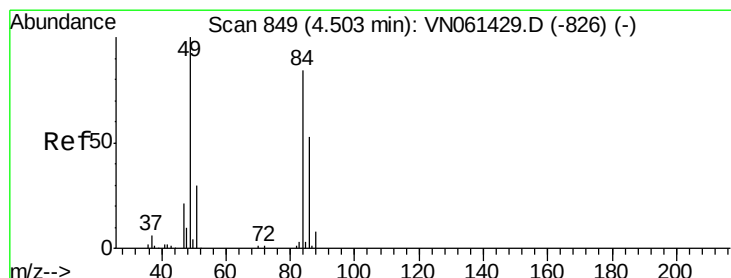
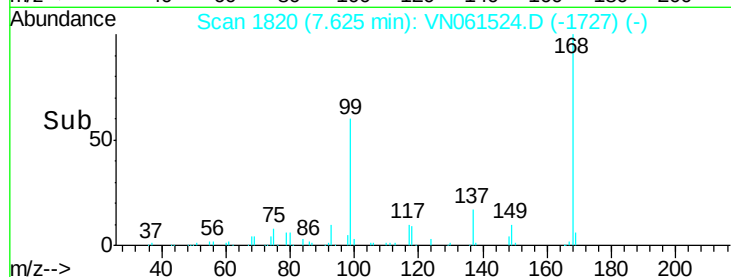
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.254 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061524.D

Acq: 21 May 2020 12:44

Tgt Ion: 84 Resp: 3884

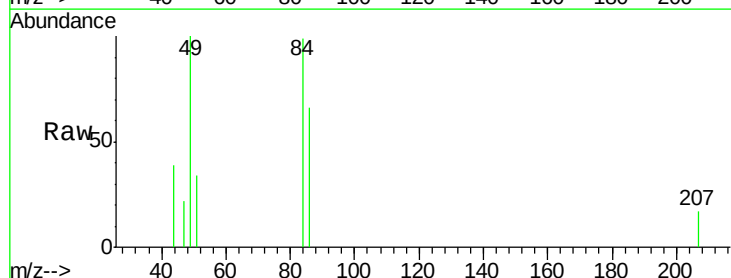
Ion Ratio Lower Upper

84 100

49 100.9 95.3 142.9

51 34.1 29.0 43.6

86 66.9 50.2 75.2



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

2000

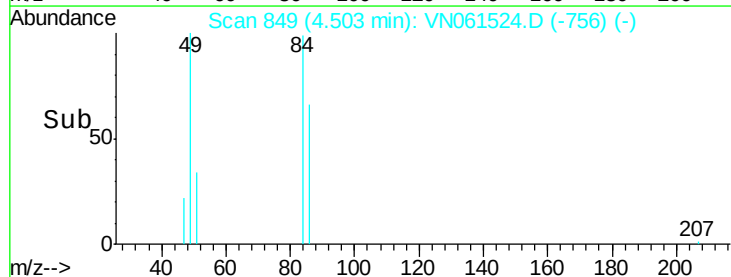
1500

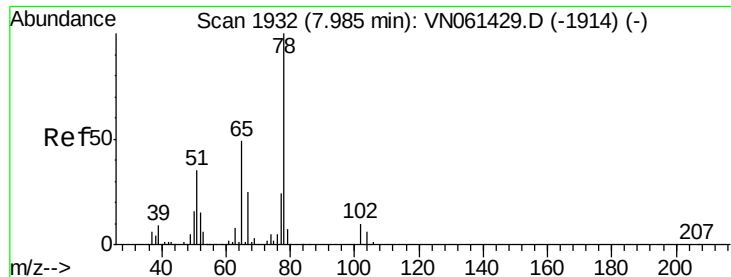
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.736 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN061524.D

Acq: 21 May 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

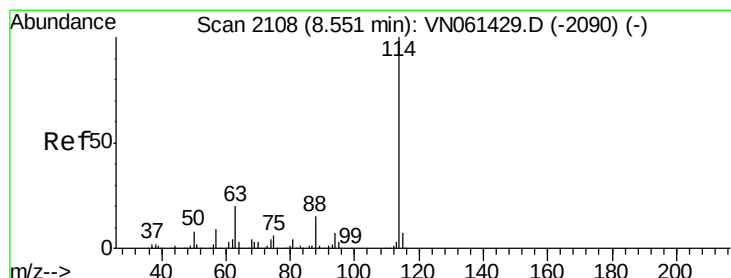
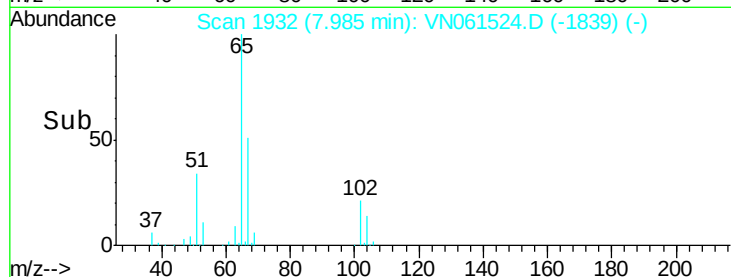
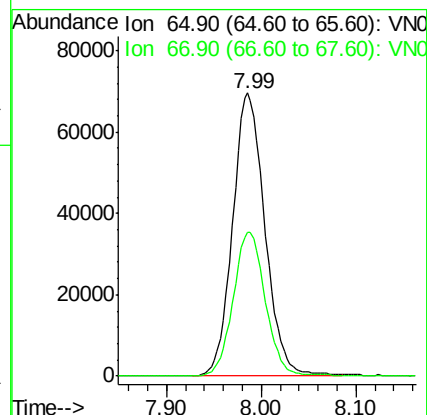
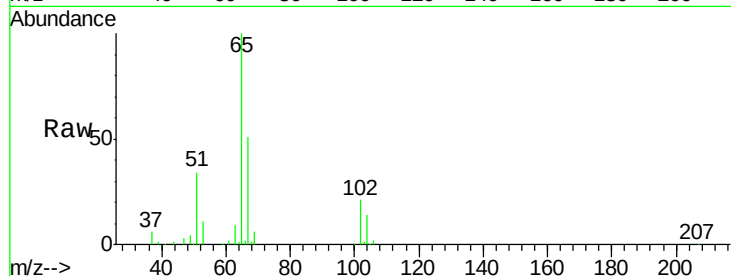
PB129039TB

Tot Ion: 65 Resp: 164798

Ion Ratio Lower Upper

65 100

67 50.5 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: VN061524.D

Acq: 21 May 2020 12:44

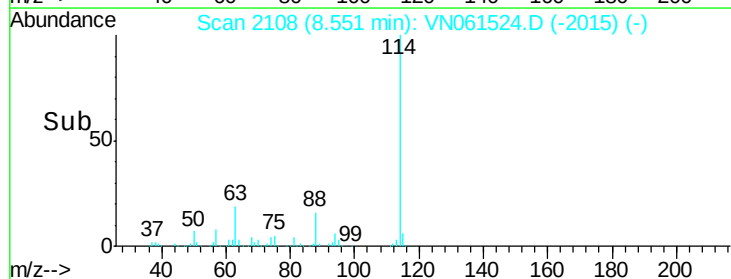
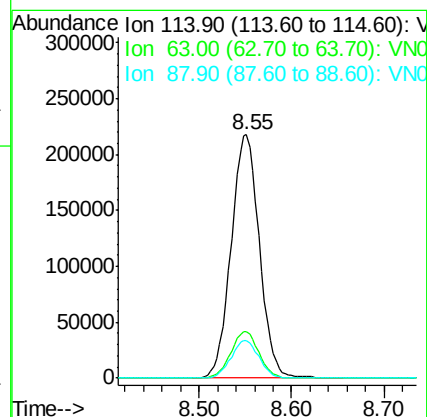
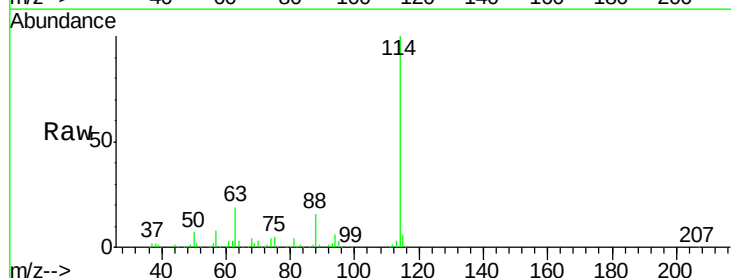
Tgt Ion: 114 Resp: 460497

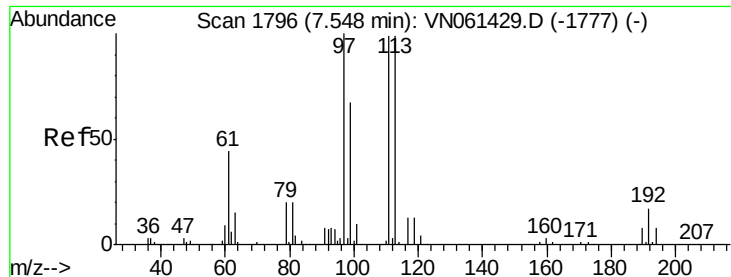
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 40.804 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061524.D

Acq: 21 May 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

PB129039TB

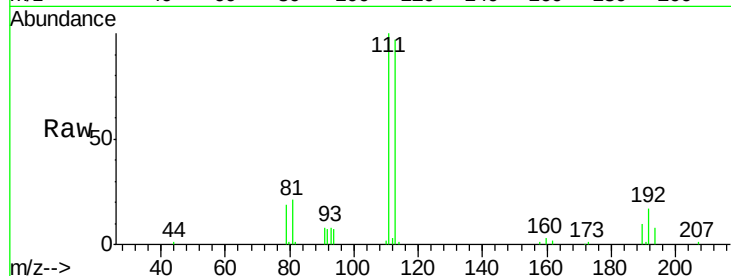
Tot Ion:113 Resp: 98437

Ion Ratio Lower Upper

113 100

111 101.3 80.6 121.0

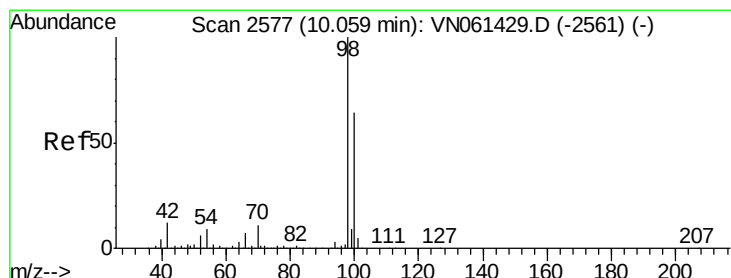
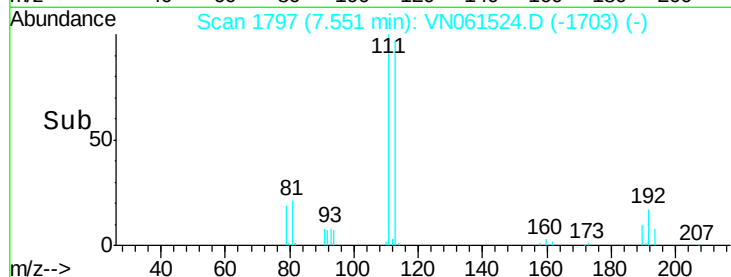
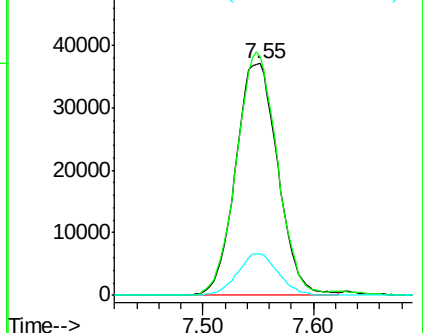
192 17.3 13.2 19.8



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: 50.136 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061524.D

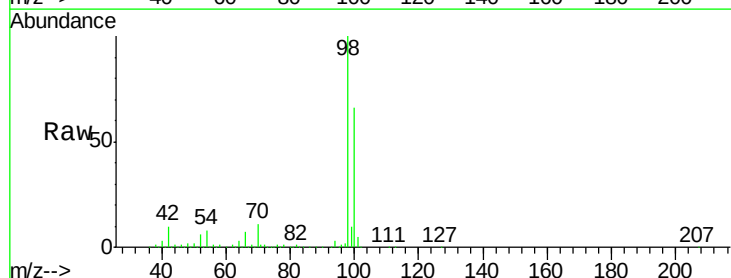
Acq: 21 May 2020 12:44

Tgt Ion: 98 Resp: 560987

Ion Ratio Lower Upper

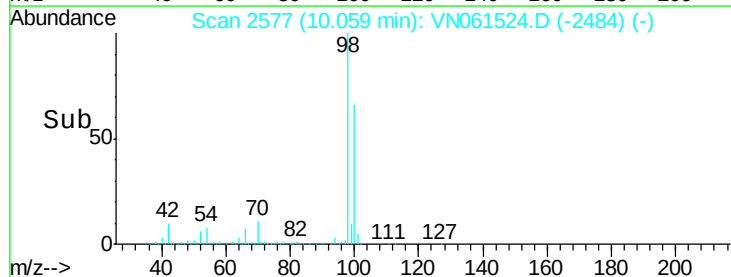
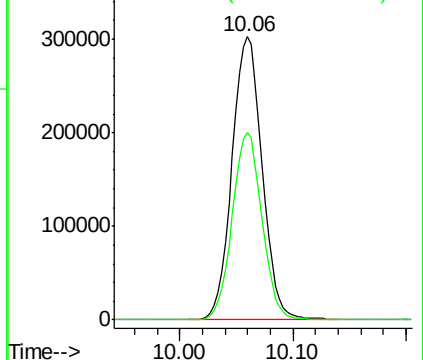
98 100

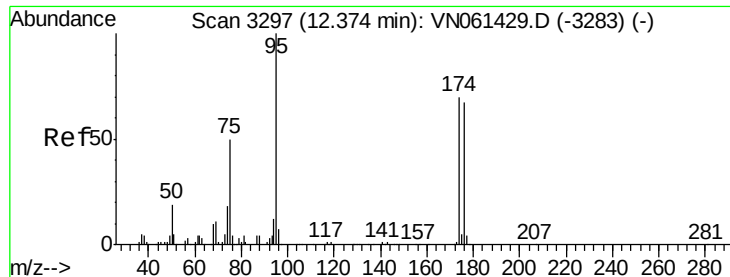
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

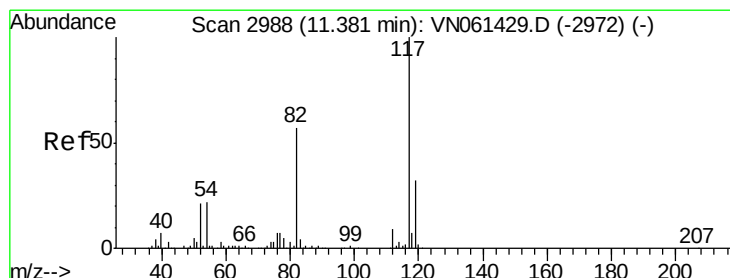
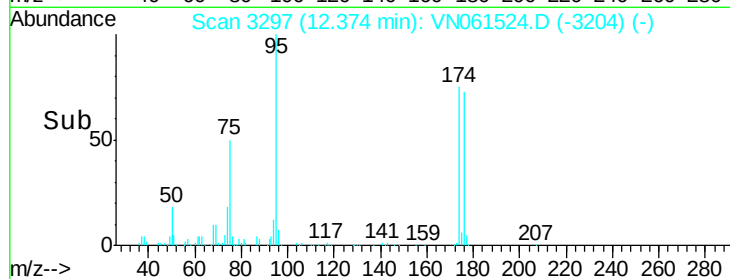
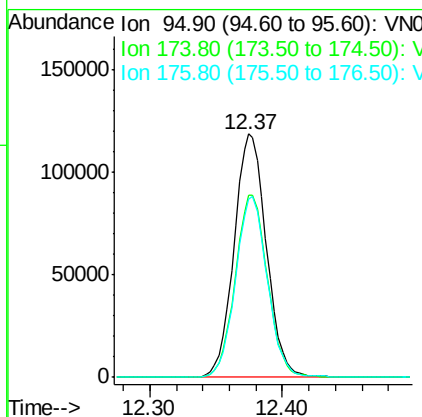
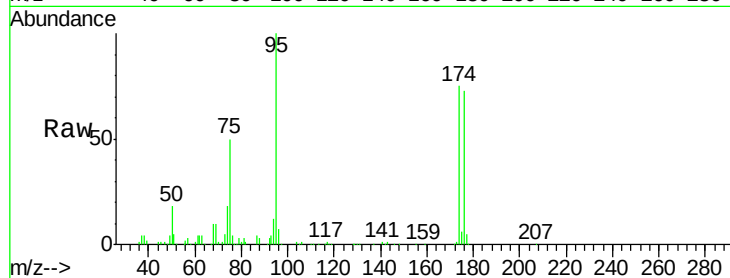




#62
4-Bromofluorobenzene
Concen: 48.020 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061524.D
Acq: 21 May 2020 12:44

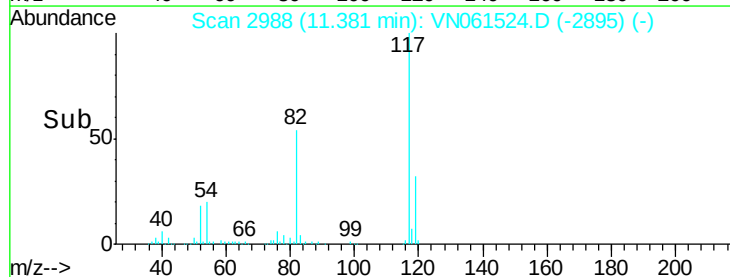
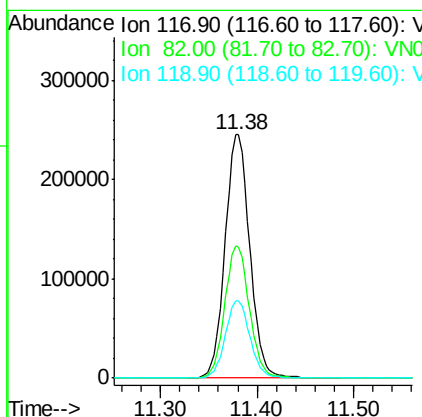
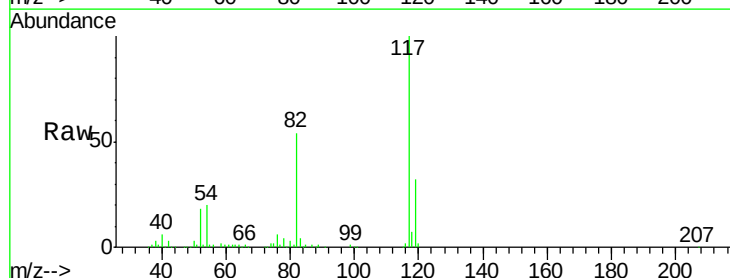
Instrument :
MSVOA_N
ClientSampled :
PB129039TB

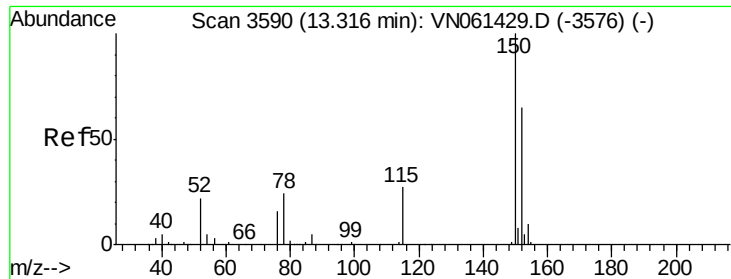
Tot Ion: 95 Resp: 200745
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.2
176 73.3 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061524.D
Acq: 21 May 2020 12:44

Tgt Ion: 117 Resp: 435505
Ion Ratio Lower Upper
117 100
82 53.9 45.2 67.8
119 31.9 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: VN061524.D

Acq: 21 May 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

PB129039TB

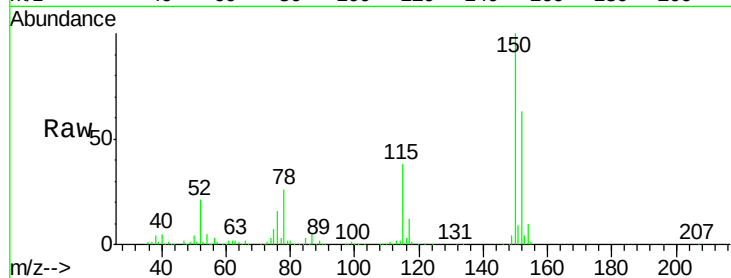
Tot Ion:152 Resp: 181571

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

150 157.3 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

