

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061447.D
 Acq On : 18 May 2020 20:10
 Operator : JC/MD
 Sample : L2506-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-051520

Quant Time: May 19 04:39:08 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

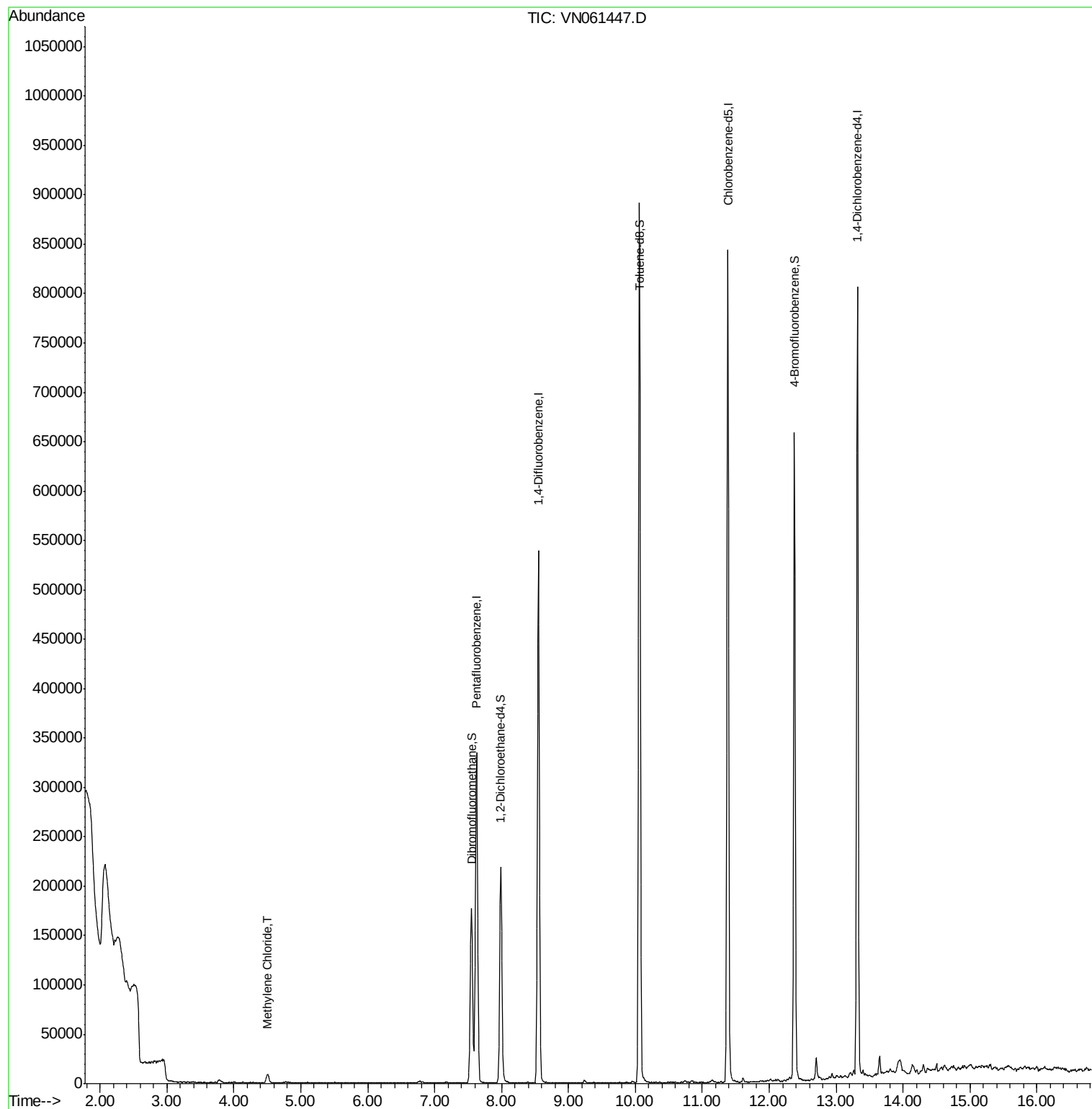
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	258633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	481111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187323	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.55	113	137037	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.06	98	617920	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.37	95	233930	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
Target Compounds						
20) Methylene Chloride	4.50	84	6367	2.007	ug/l #	92

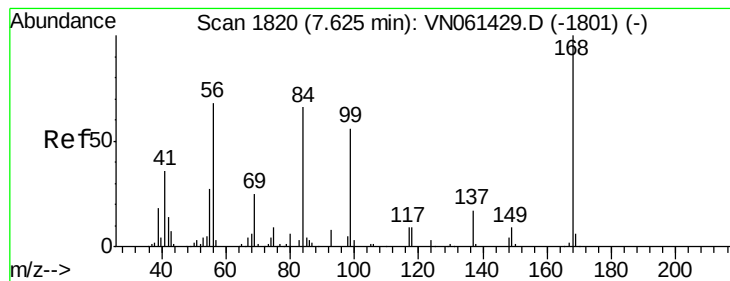
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN061447.D

Acq: 18 May 2020 20:10

Instrument :

MSVOA_N

ClientSampleId :

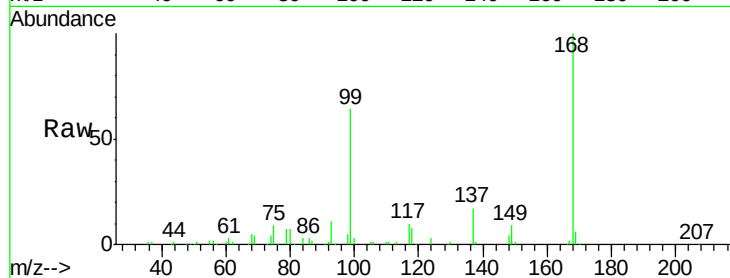
TR-05-051520

Tot Ion:168 Resp: 258633

Ion Ratio Lower Upper

168 100

99 63.6 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

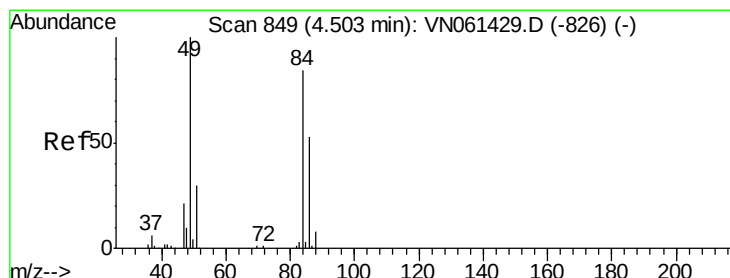
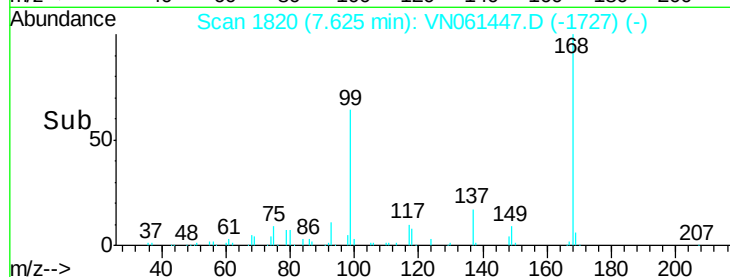
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 2.007 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN061447.D

Acq: 18 May 2020 20:10

Tgt Ion: 84 Resp: 6367

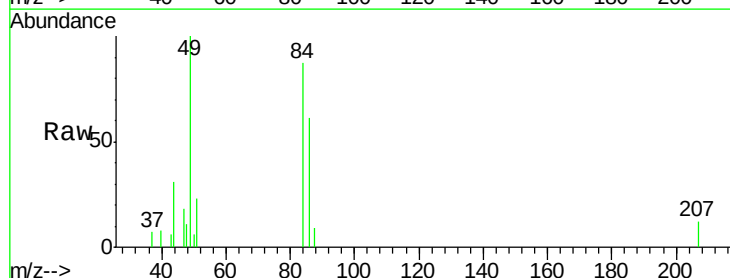
Ion Ratio Lower Upper

84 100

49 115.1 95.3 142.9

51 26.8 29.0 43.6#

86 70.6 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

4000

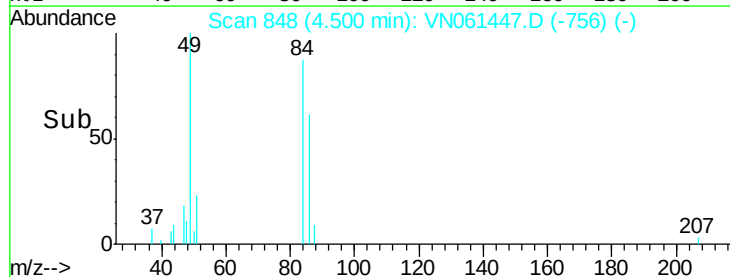
3000

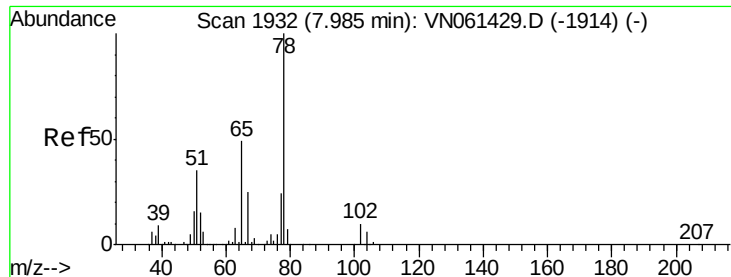
2000

1000

0

Time--> 4.40 4.45 4.50 4.55 4.60

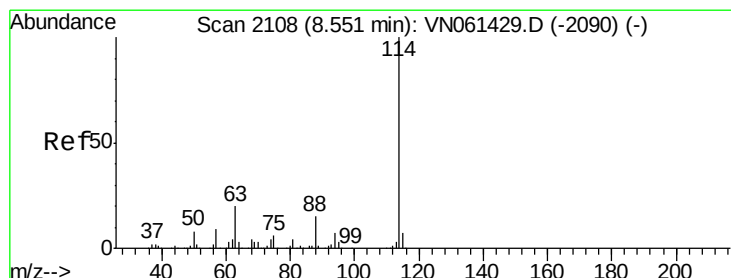
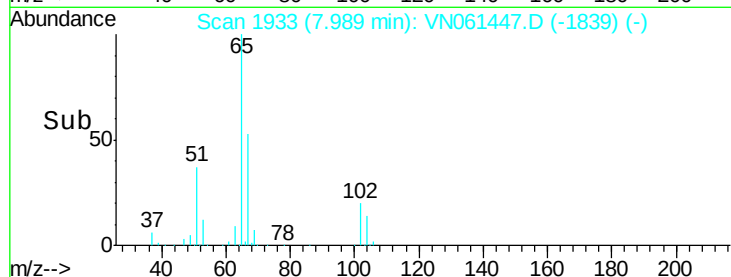
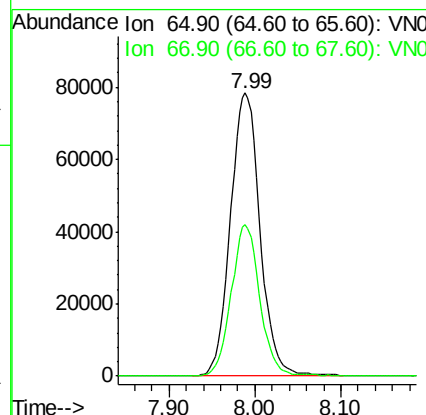
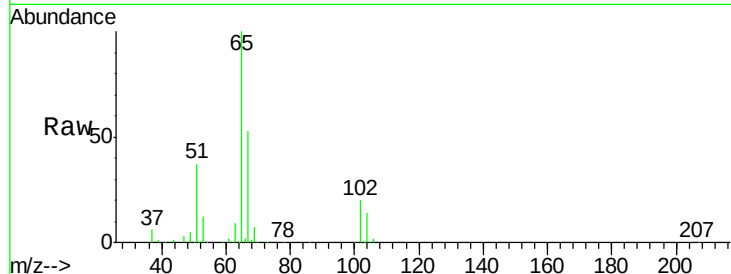




#33
 1,2-Dichloroethane-d4
 Concen: 48.530 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061447.D
 Acq: 18 May 2020 20:10

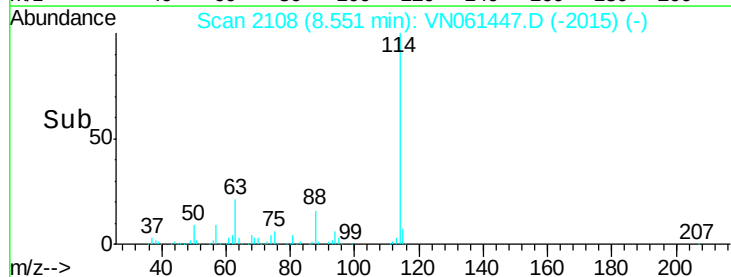
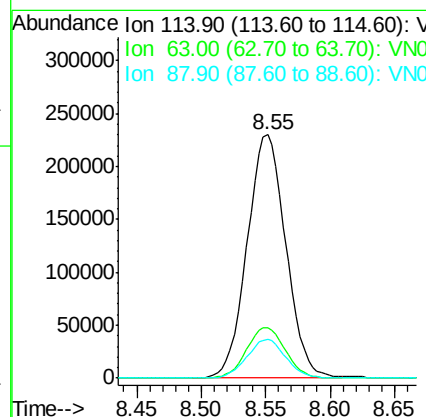
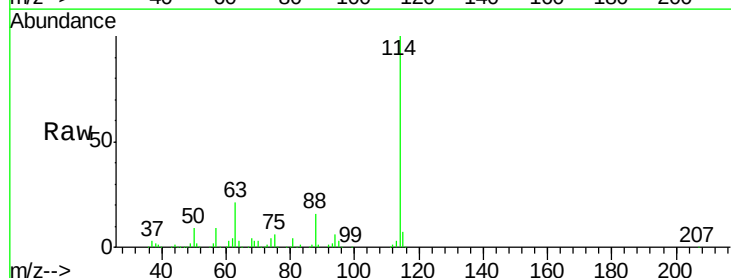
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-051520

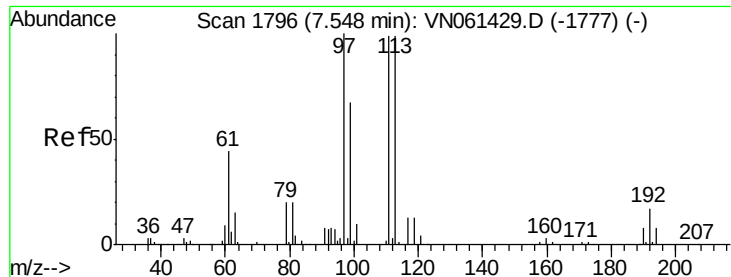
Tot Ion: 65 Resp: 187323
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061447.D
 Acq: 18 May 2020 20:10

Tgt Ion: 114 Resp: 481111
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.9 0.0 30.8

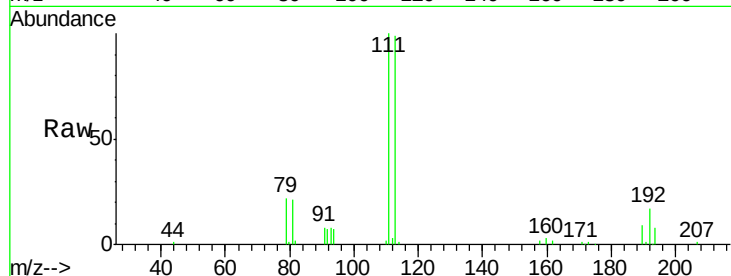




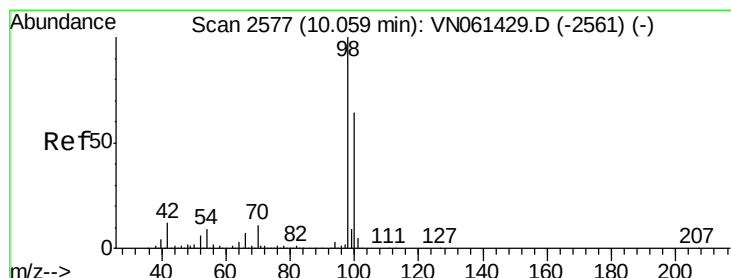
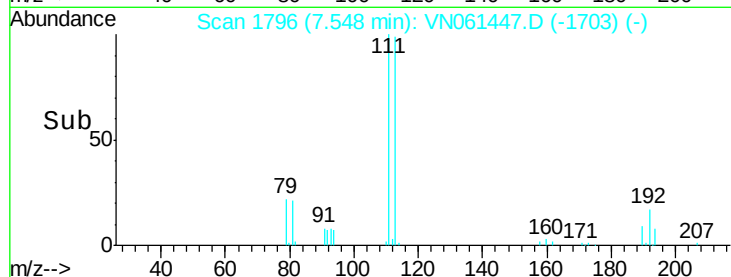
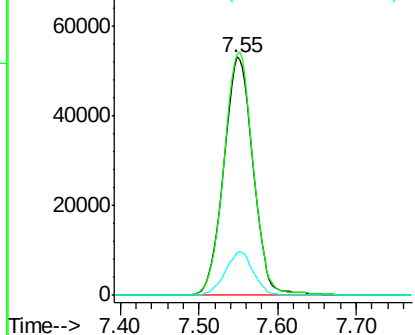
#35
 Dibromofluoromethane
 Concen: 54.371 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061447.D
 Acq: 18 May 2020 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.6	121.0
192	17.4	13.2	19.8

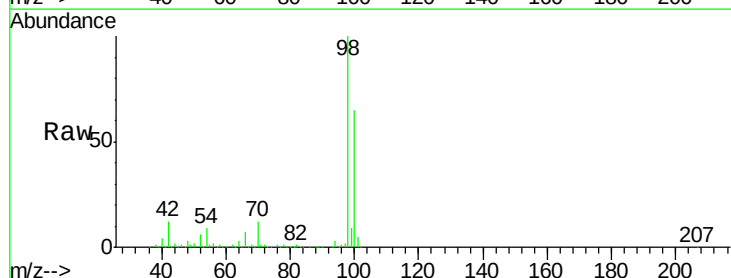


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

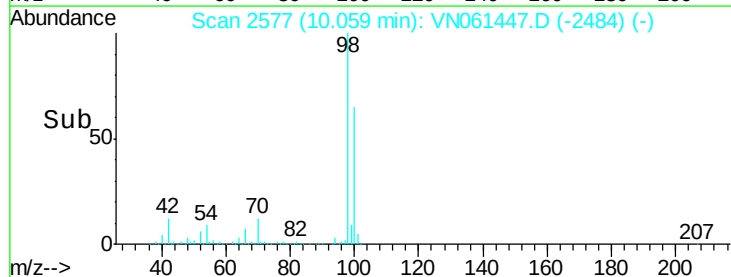
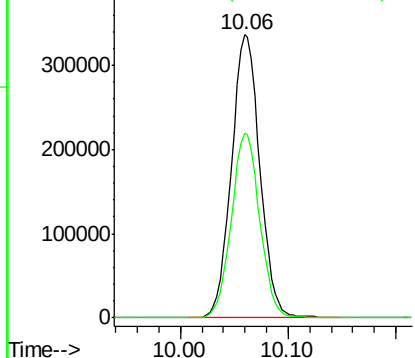


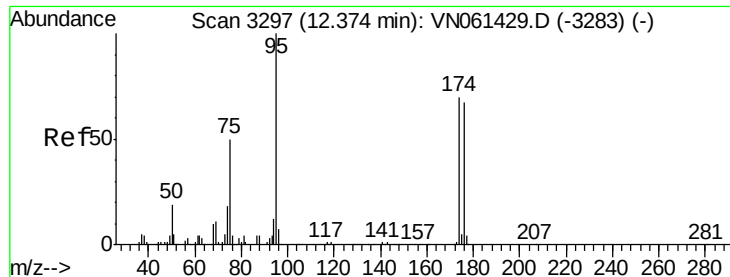
#50
 Toluene-d8
 Concen: 52.858 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061447.D
 Acq: 18 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 53.561 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061447.D

Acq: 18 May 2020 20:10

Instrument :

MSVOA_N

ClientSampleId :

TR-05-051520

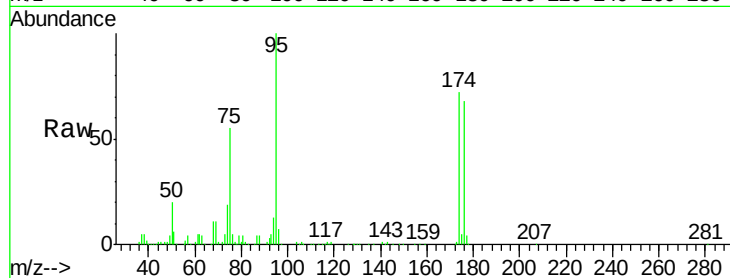
Tot Ion: 95 Resp: 233930

Ion Ratio Lower Upper

95 100

174 70.9 0.0 141.2

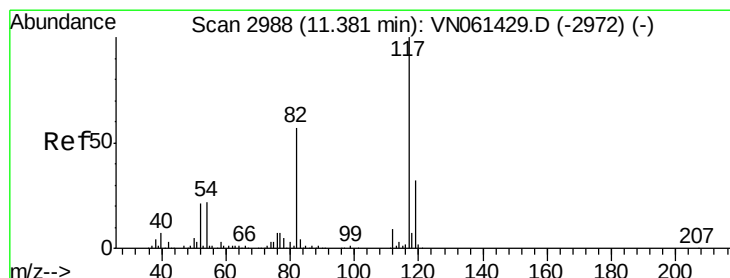
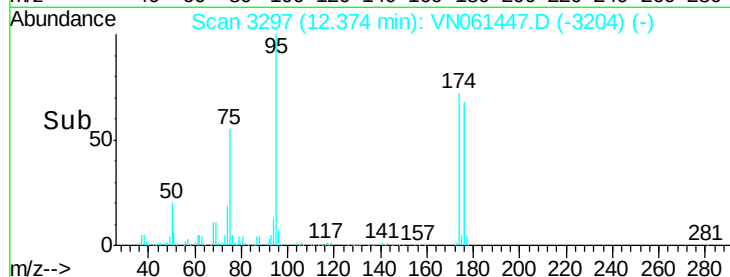
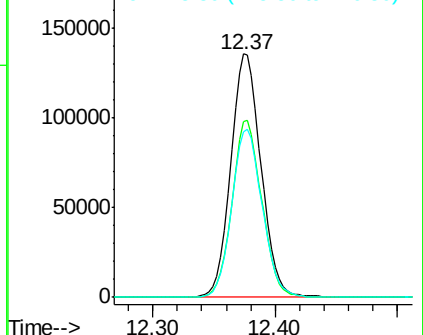
176 69.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061447.D (-3204) (-)

Ion 173.80 (173.50 to 174.50): VN061447.D (-3204) (-)

Ion 175.80 (175.50 to 176.50): VN061447.D (-3204) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061447.D

Acq: 18 May 2020 20:10

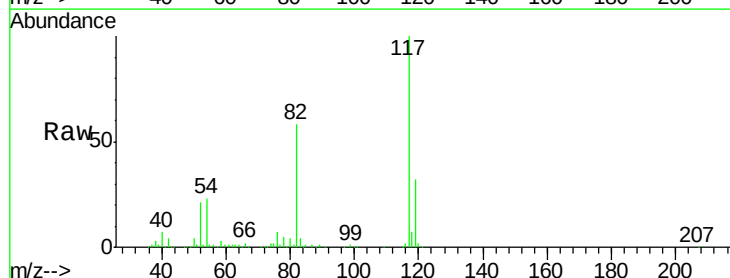
Tgt Ion: 117 Resp: 480098

Ion Ratio Lower Upper

117 100

82 58.3 45.2 67.8

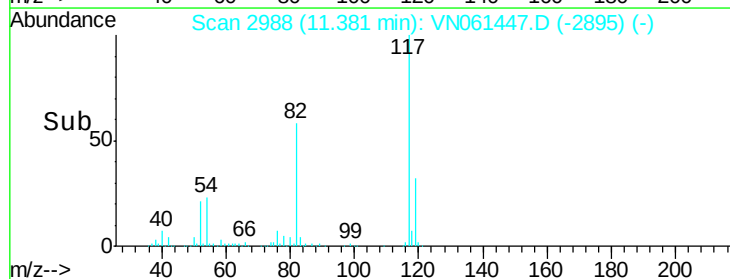
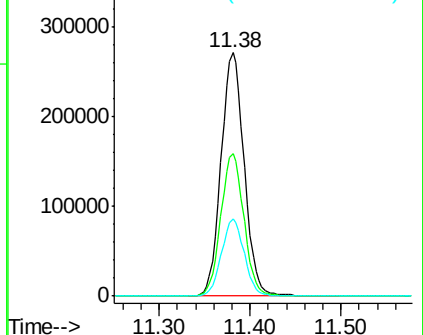
119 31.6 25.3 37.9

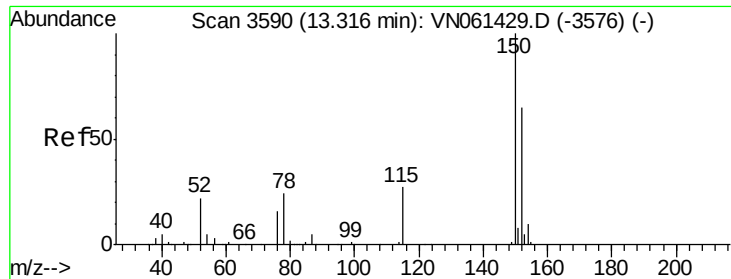


Abundance Ion 116.90 (116.60 to 117.60): VN061447.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061447.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061447.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061447.D

Acq: 18 May 2020 20:10

Instrument :

MSVOA_N

ClientSampleId :

TR-05-051520

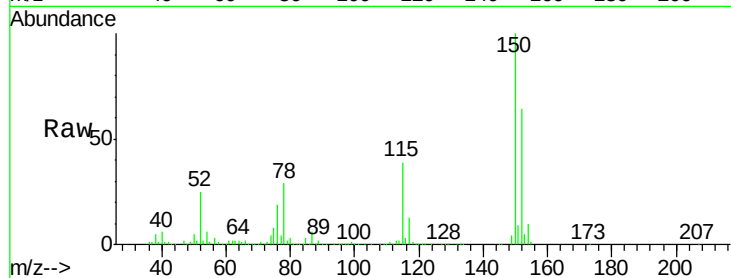
Tot Ion:152 Resp: 205853

Ion Ratio Lower Upper

152 100

115 61.5 30.9 92.5

150 157.5 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

