

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061461.D
 Acq On : 19 May 2020 5:46
 Operator : JC/MD
 Sample : PB128923ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128923ZHE#01

Quant Time: May 19 07:23:48 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

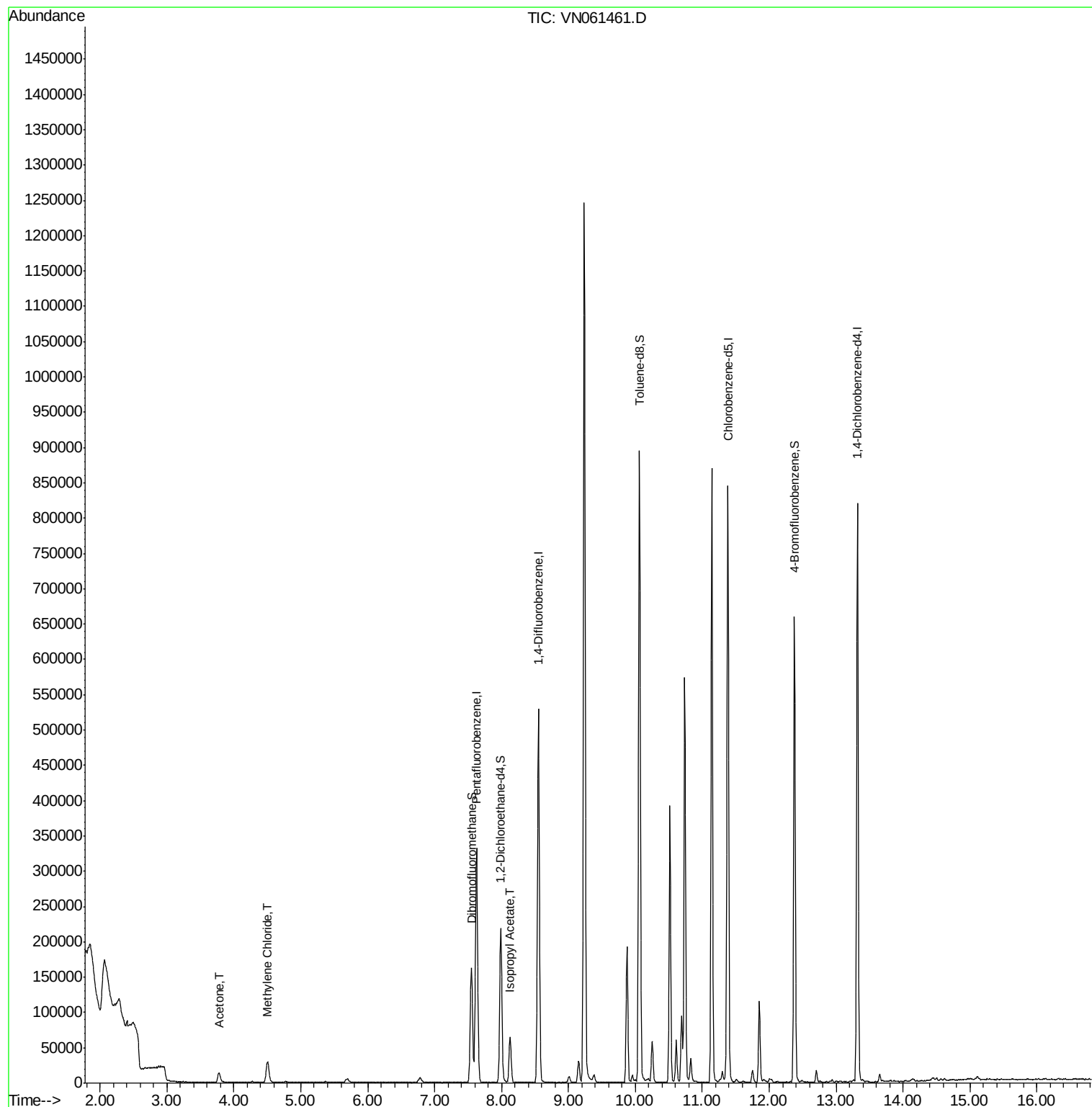
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188061	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.55	113	123068	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.06	98	610027	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.38	95	240836	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
Target Compounds						
16) Acetone	3.78	43	23933	13.785	ug/l	98
20) Methylene Chloride	4.50	84	22397	7.165	ug/l	95
43) Isopropyl Acetate	8.13	43	75790	10.738	ug/l #	90

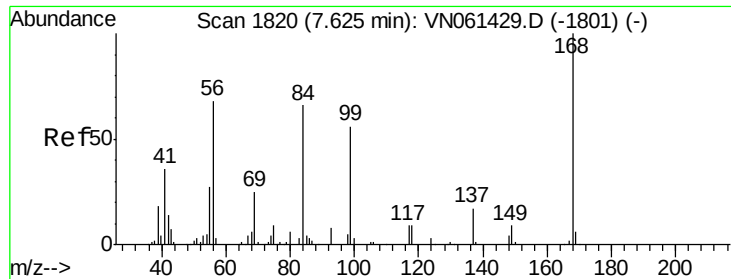
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

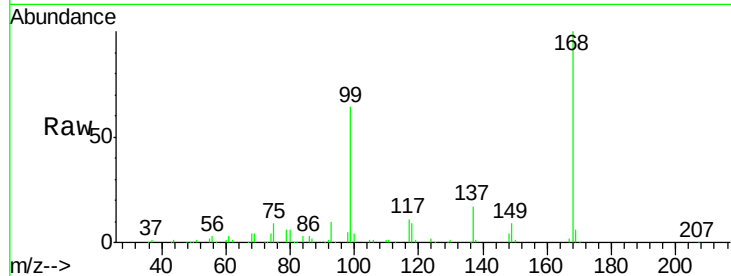
PB128923ZHE#01

Tot Ion:168 Resp: 254849

Ion Ratio Lower Upper

168 100

99 64.0 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

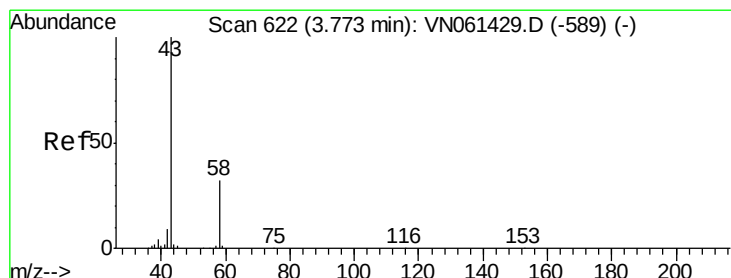
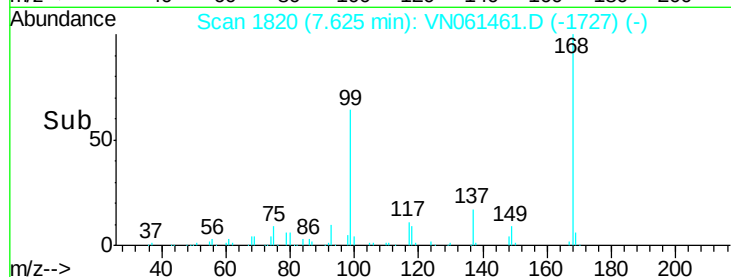
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.785 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061461.D

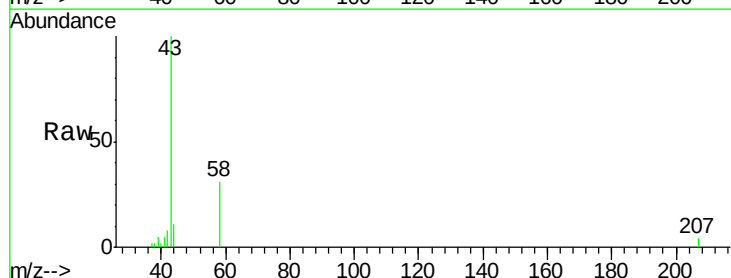
Acq: 19 May 2020 5:46

Tgt Ion: 43 Resp: 23933

Ion Ratio Lower Upper

43 100

58 31.0 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

10000

8000

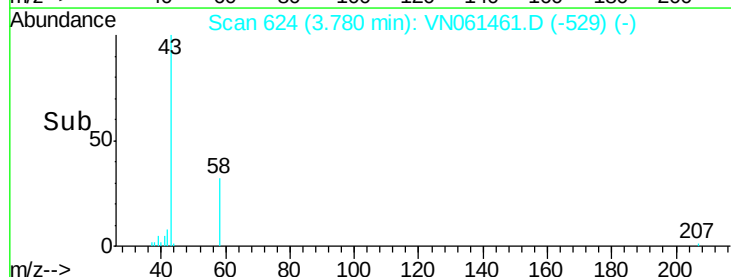
6000

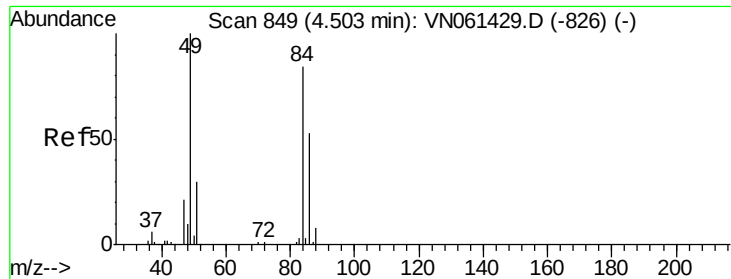
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

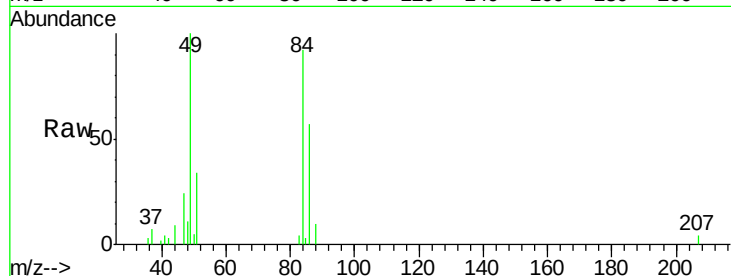




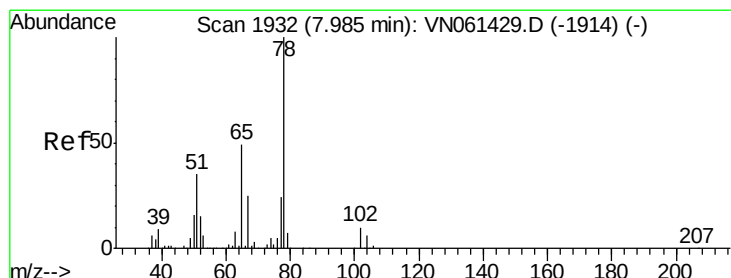
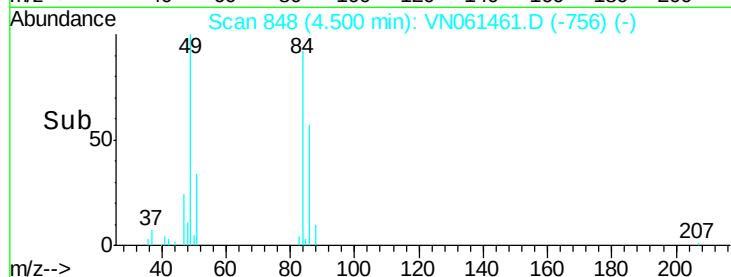
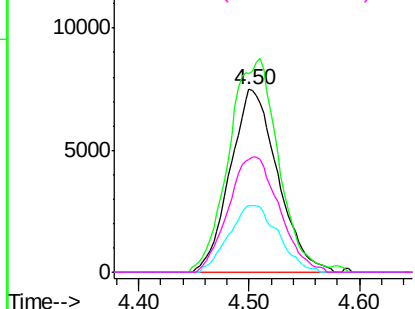
#20
Methvlene Chloride
Concen: 7.165 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061461.D
Acq: 19 May 2020 5:46

Instrument :
MSVOA_N
ClientSampleId :
PB128923ZHE#01

Tot Ion:	84	Resp:	22397
Ion	Ratio	Lower	Upper
84	100		
49	109.1	95.3	142.9
51	36.7	29.0	43.6
86	62.0	50.2	75.2

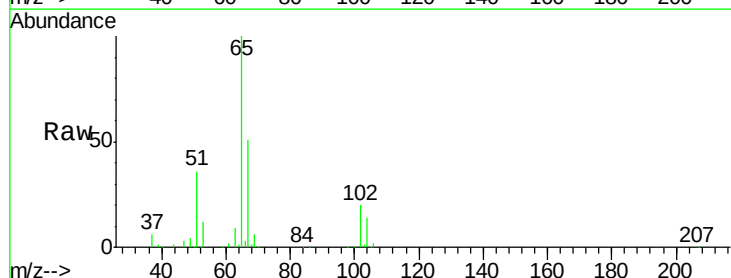


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

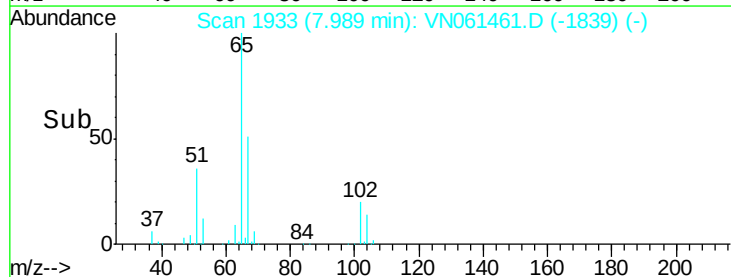
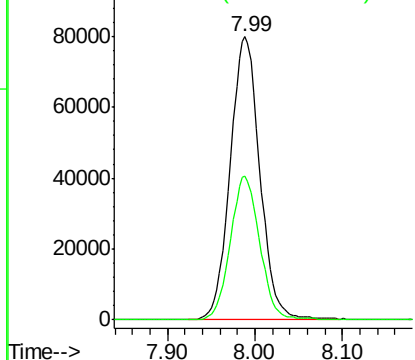


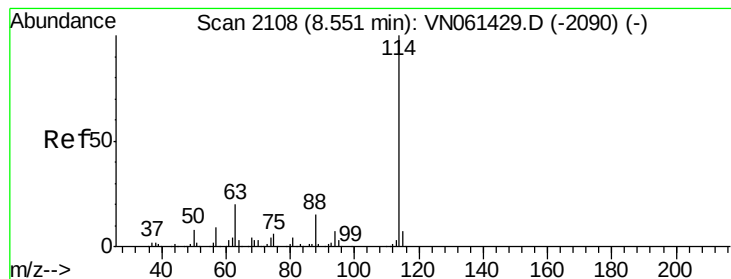
#33
1,2-Dichloroethane-d4
Concen: 49.444 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061461.D
Acq: 19 May 2020 5:46

Tgt Ion:	65	Resp:	188061
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#01

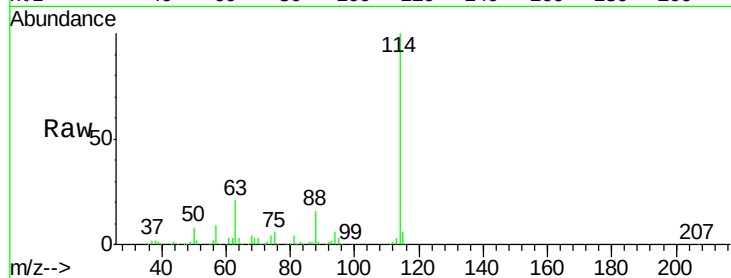
Tot Ion:114 Resp: 477224

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

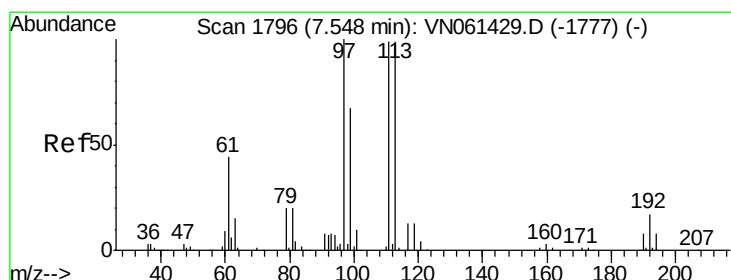
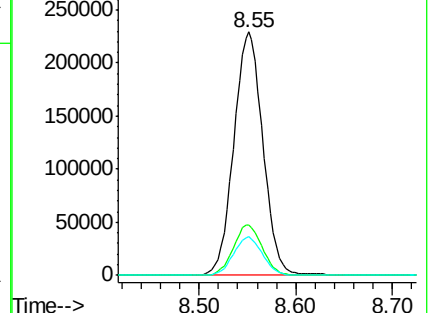
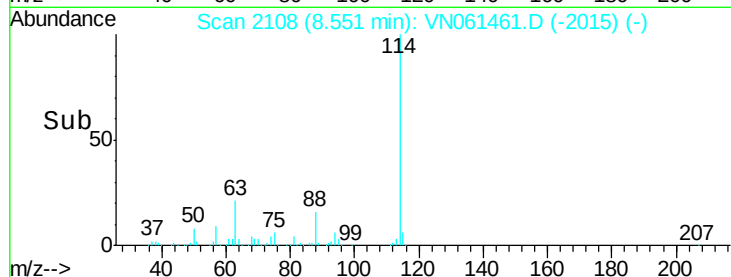
88 15.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.226 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

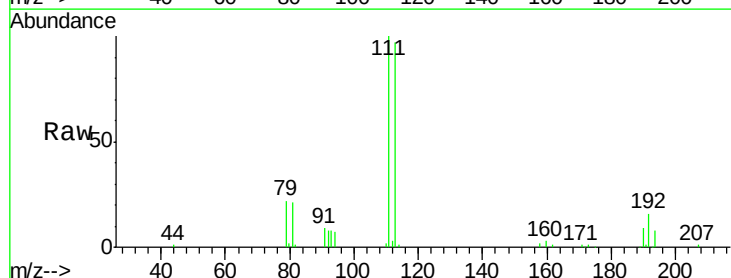
Tgt Ion:113 Resp: 123068

Ion Ratio Lower Upper

113 100

111 103.8 80.6 121.0

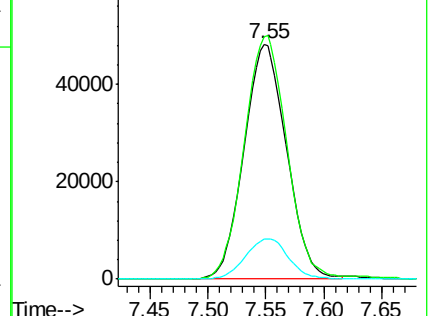
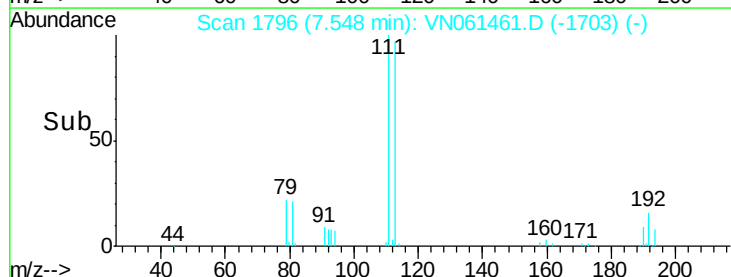
192 17.4 13.2 19.8

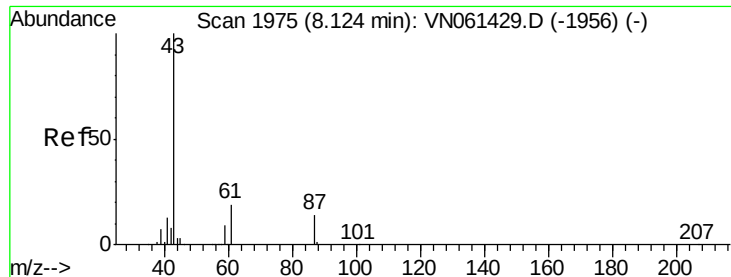


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.738 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#01

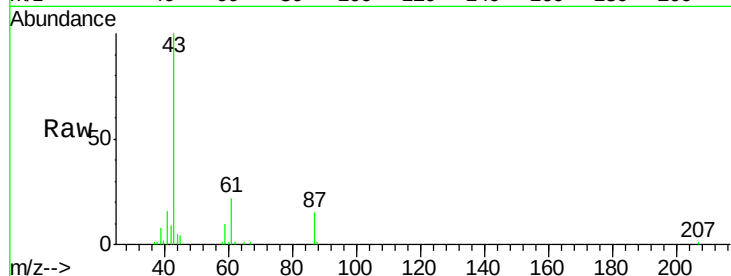
Tot Ion: 43 Resp: 75790

Ion Ratio Lower Upper

43 100

61 20.4 23.0 34.4#

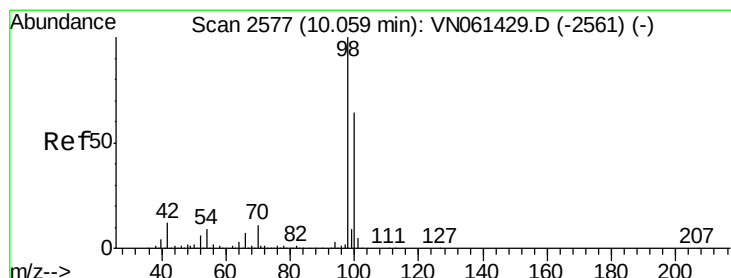
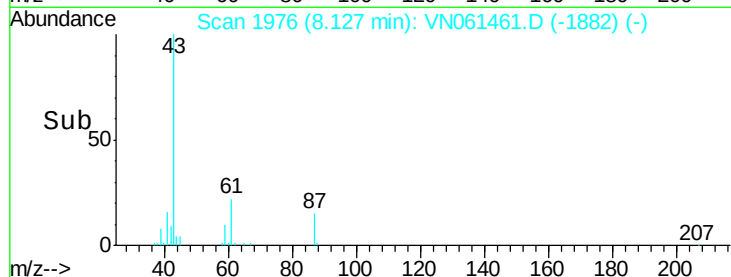
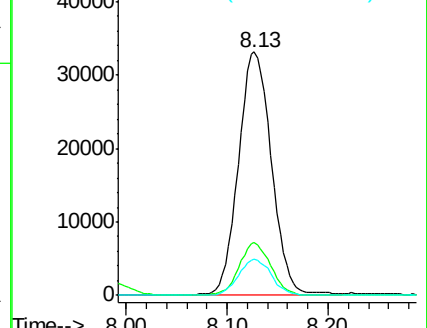
87 14.5 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)



#50

Toluene-d8

Concen: 52.608 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061461.D

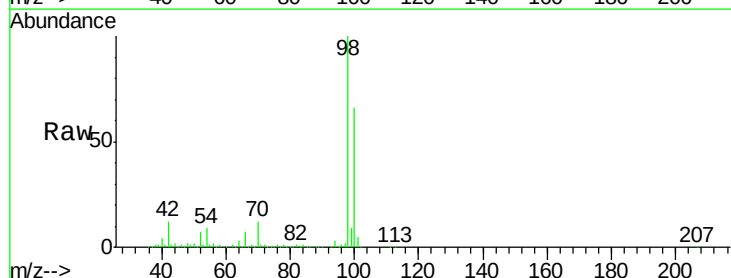
Acq: 19 May 2020 5:46

Tgt Ion: 98 Resp: 610027

Ion Ratio Lower Upper

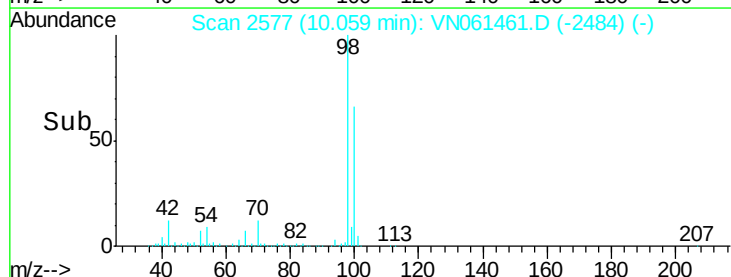
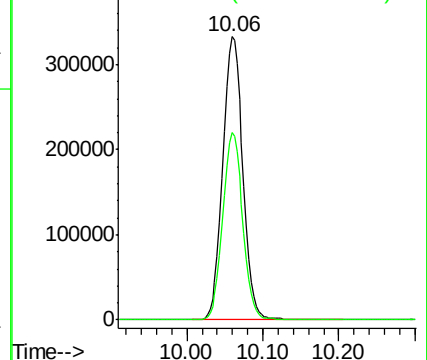
98 100

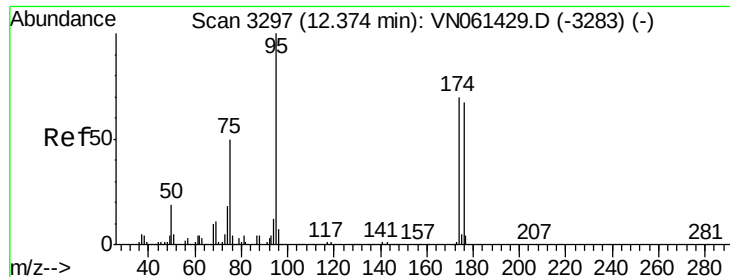
100 65.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061429.D (-2561) (-)

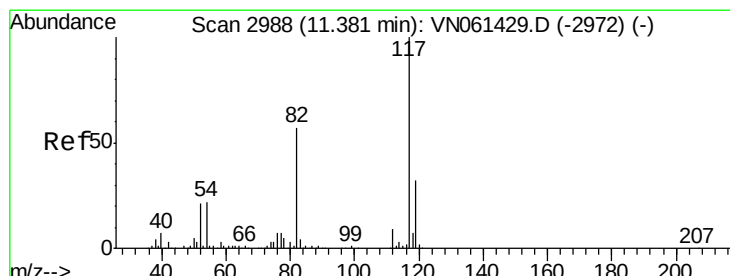
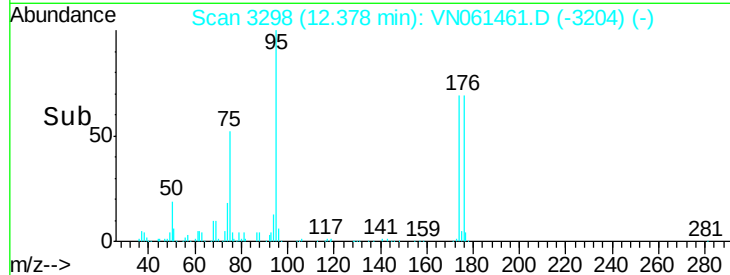
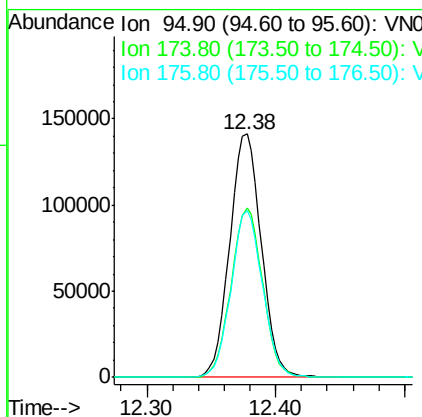
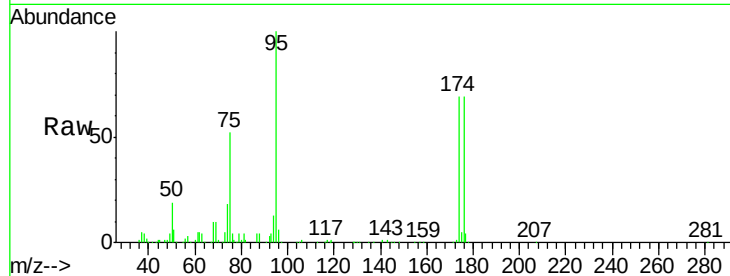




#62
 4-Bromofluorobenzene
 Concen: 55.591 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061461.D
 Acq: 19 May 2020 5:46

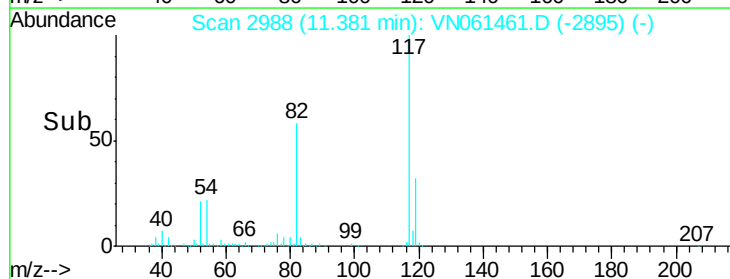
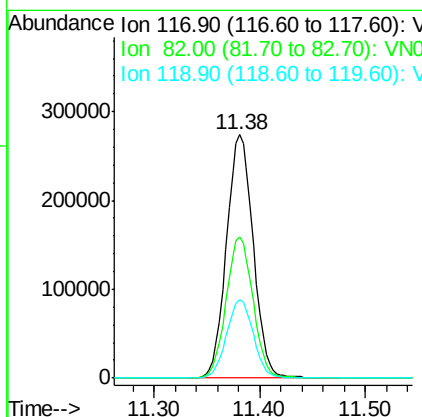
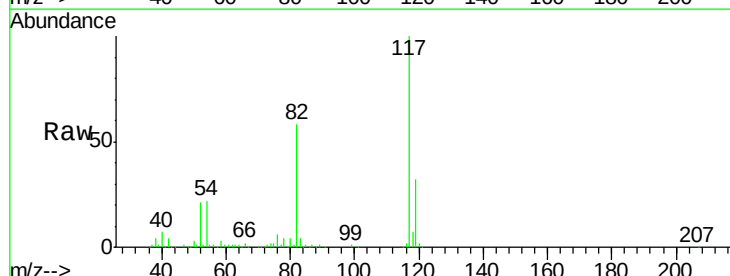
Instrument :
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 PB128923ZHE#01

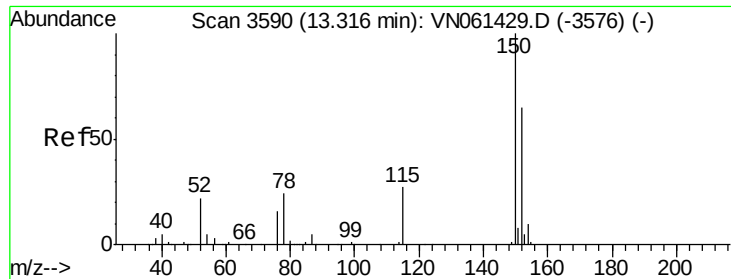
Tot Ion: 95 Resp: 240836
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 141.2
 176 68.0 0.0 137.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061461.D
 Acq: 19 May 2020 5:46

Tgt Ion: 117 Resp: 480152
 Ion Ratio Lower Upper
 117 100
 82 57.9 45.2 67.8
 119 32.0 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: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#01

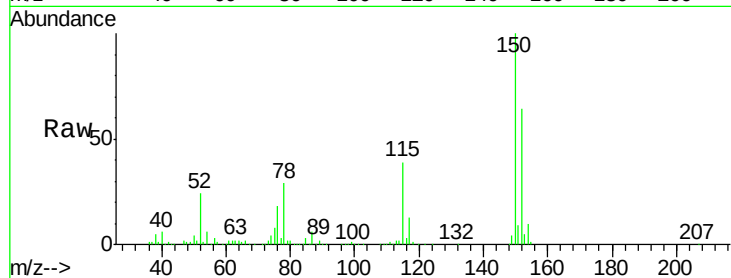
Tot Ion:152 Resp: 212435

Ion Ratio Lower Upper

152 100

115 61.1 30.9 92.5

150 157.1 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

