

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061446.D
 Acq On : 18 May 2020 19:47
 Operator : JC/MD
 Sample : PB128923TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128923TB

Quant Time: May 19 04:37:06 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

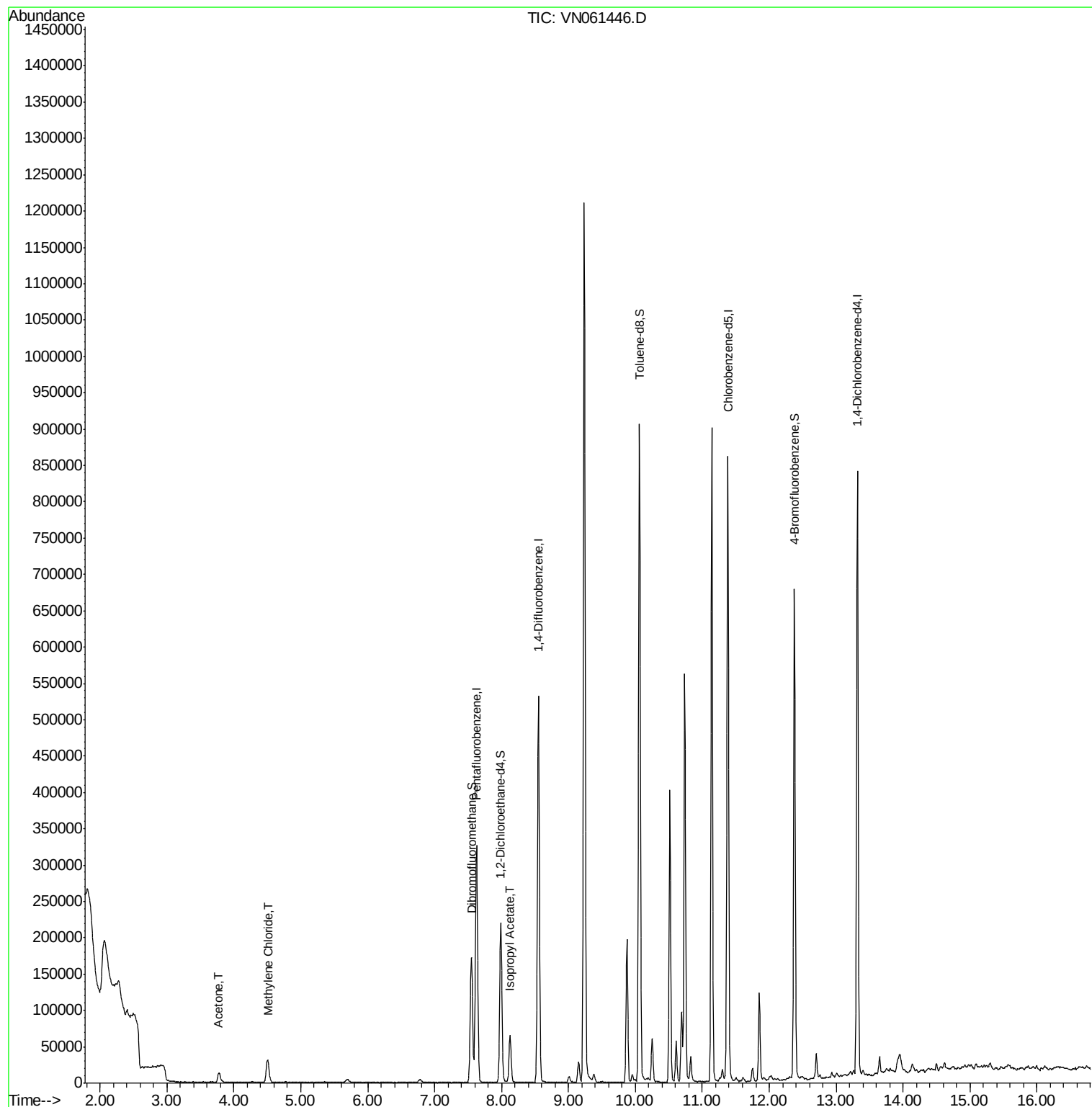
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	256800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	476869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189253	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	7.55	113	134272	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	10.06	98	615049	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.37	95	238645	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
Target Compounds						
16) Acetone	3.77	43	21711	11.214	ug/l	97
20) Methylene Chloride	4.51	84	23585	7.488	ug/l	95
43) Isopropyl Acetate	8.13	43	76086	10.788	ug/l #	89

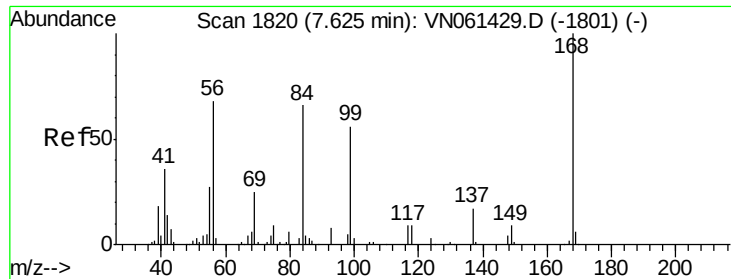
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061446.D

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Instrument :

MSVOA_N

ClientSampleId :

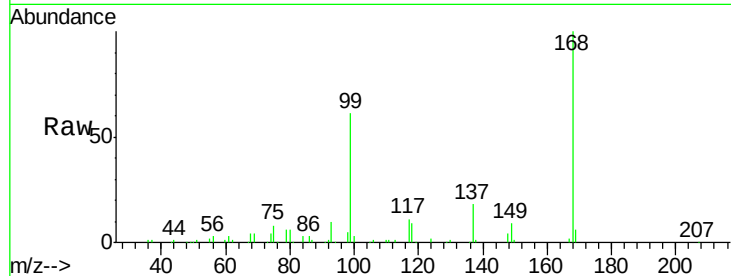
PB128923TB

Tot Ion:168 Resp: 256800

Ion Ratio Lower Upper

168 100

99 60.8 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

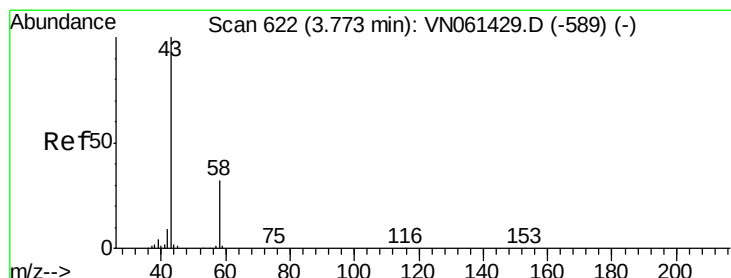
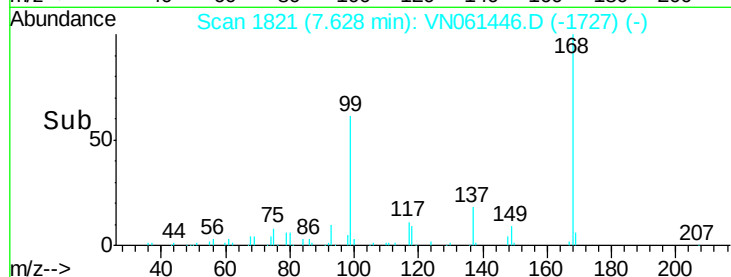
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.214 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061446.D

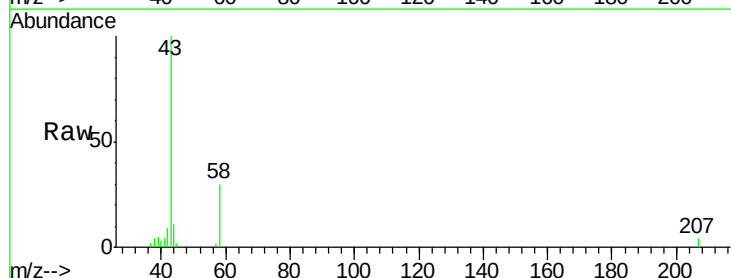
Acq: 18 May 2020 19:47

Tgt Ion: 43 Resp: 21711

Ion Ratio Lower Upper

43 100

58 30.1 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.77

8000

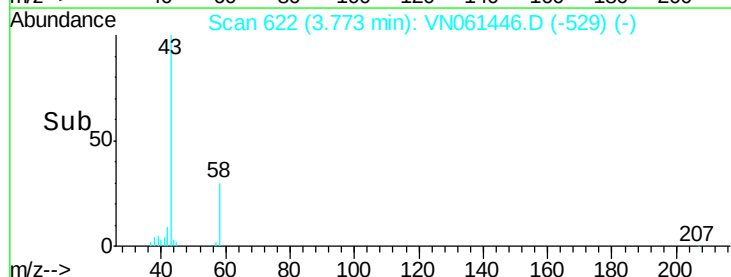
6000

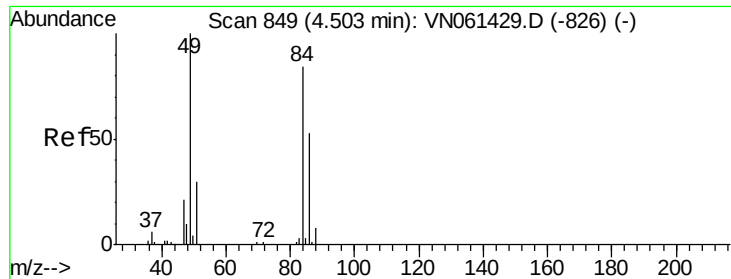
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

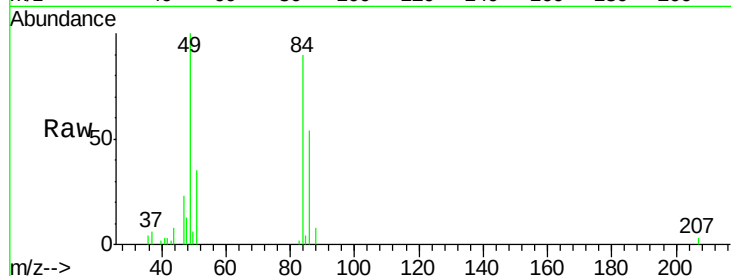




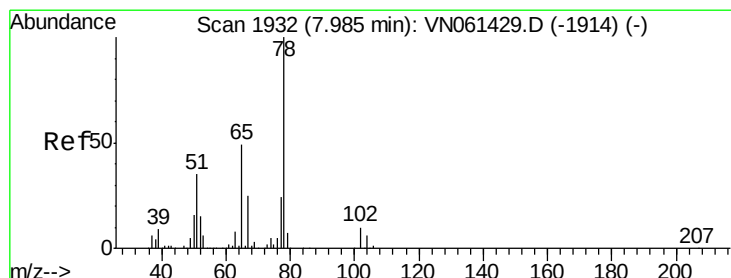
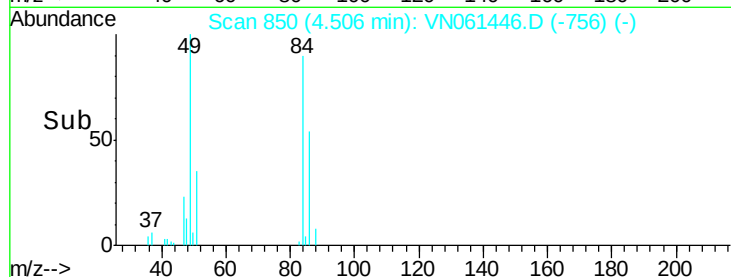
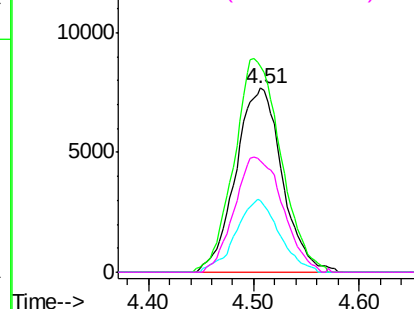
#20
Methylene Chloride
Concen: 7.488 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061446.D
Acq: 18 May 2020 19:47

Instrument :
MSVOA_N
ClientSampled :
PB128923TB

Tot Ion: 84 Resp: 23585
Ion Ratio Lower Upper
84 100
49 111.7 95.3 142.9
51 39.0 29.0 43.6
86 60.6 50.2 75.2

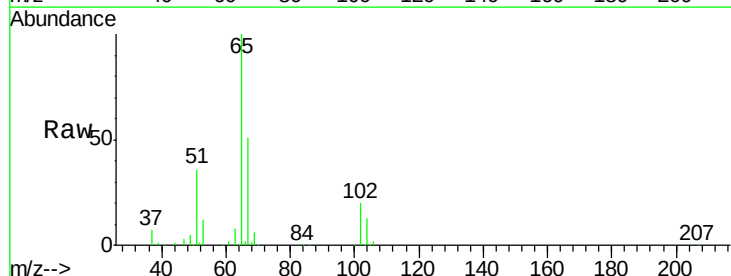


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

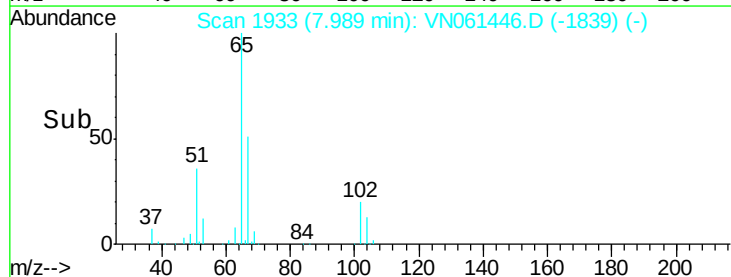
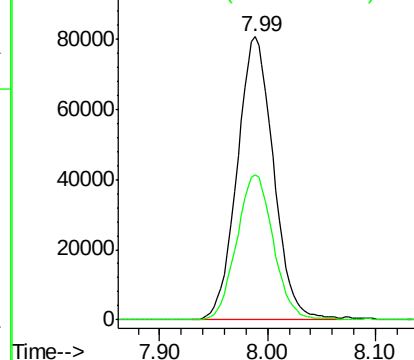


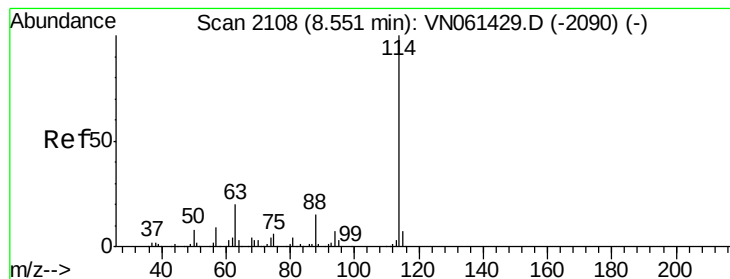
#33
1,2-Dichloroethane-d4
Concen: 49.380 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061446.D
Acq: 18 May 2020 19:47

Tgt Ion: 65 Resp: 189253
Ion Ratio Lower Upper
65 100
67 51.8 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: VN061446.D

Acq: 18 May 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

PB128923TB

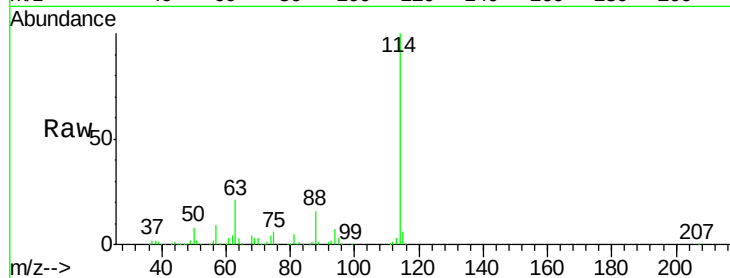
Tot Ion:114 Resp: 476869

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

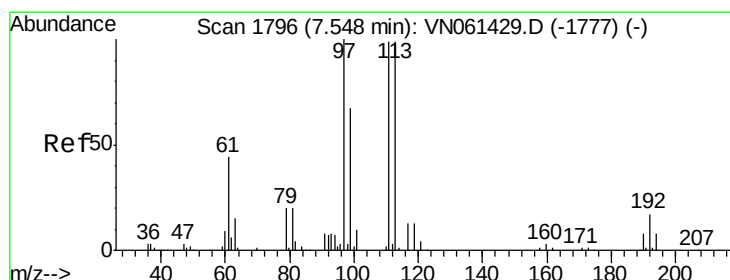
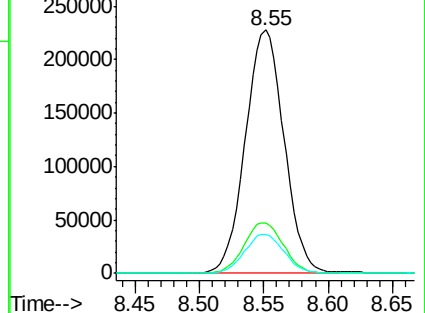
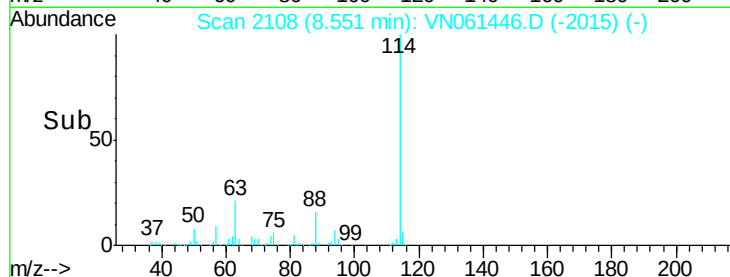
88 16.0 0.0 30.8



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: 53.748 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061446.D

Acq: 18 May 2020 19:47

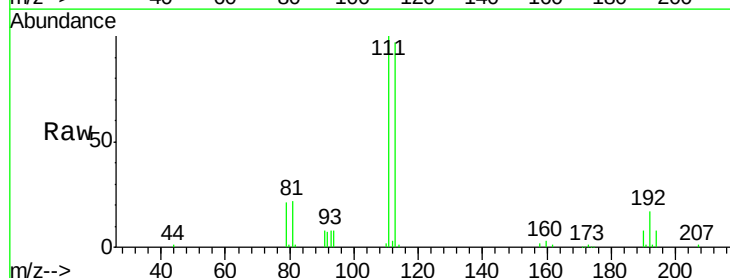
Tgt Ion:113 Resp: 134272

Ion Ratio Lower Upper

113 100

111 101.1 80.6 121.0

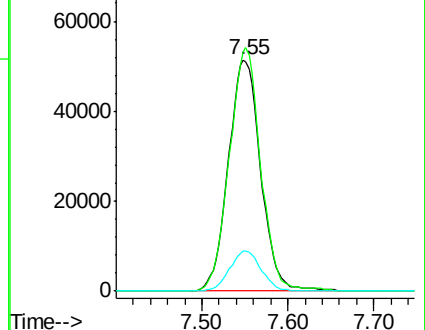
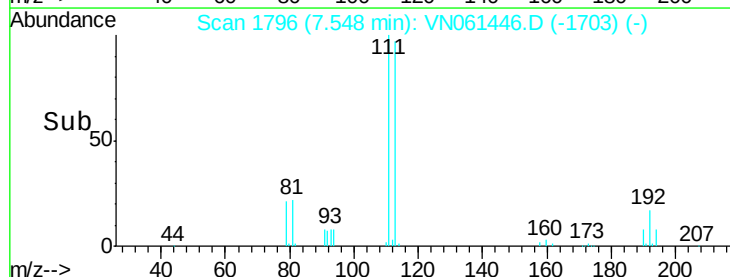
192 16.9 13.2 19.8

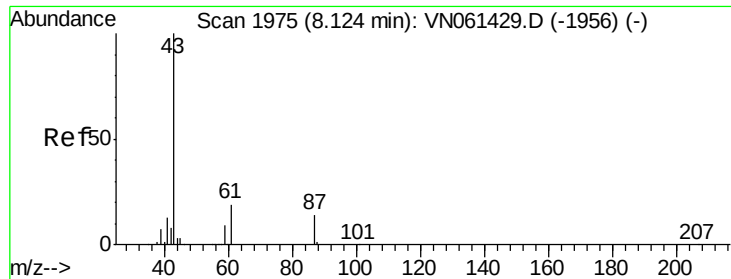


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.788 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061446.D

Acq: 18 May 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

PB128923TB

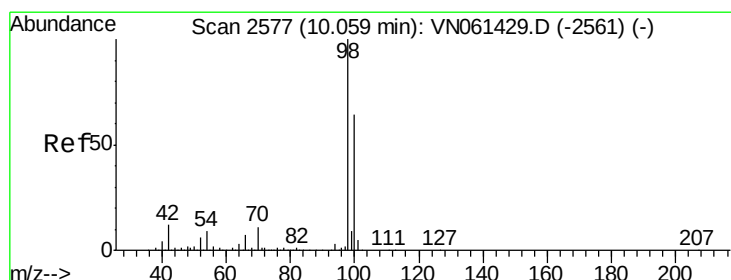
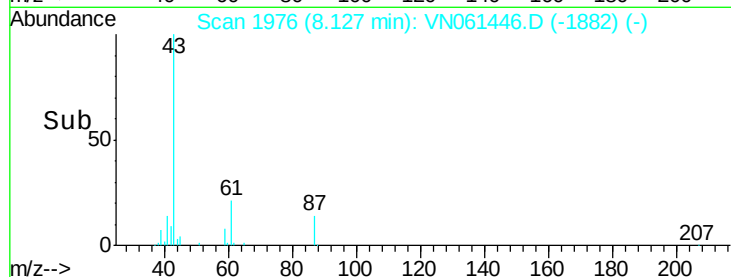
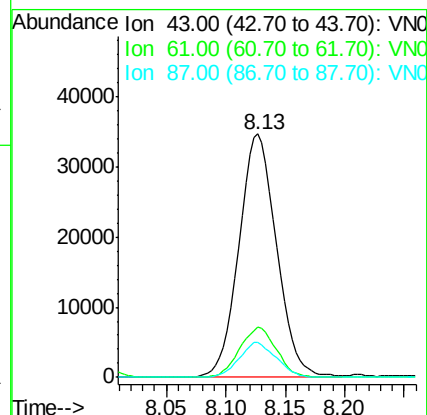
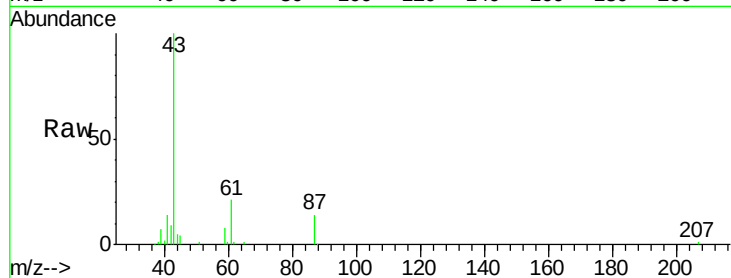
Tot Ion: 43 Resp: 76086

Ion Ratio Lower Upper

43 100

61 20.0 23.0 34.4#

87 14.0 11.6 17.4



#50

Toluene-d8

Concen: 53.080 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061446.D

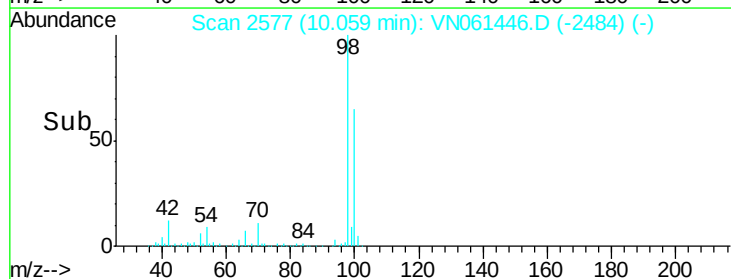
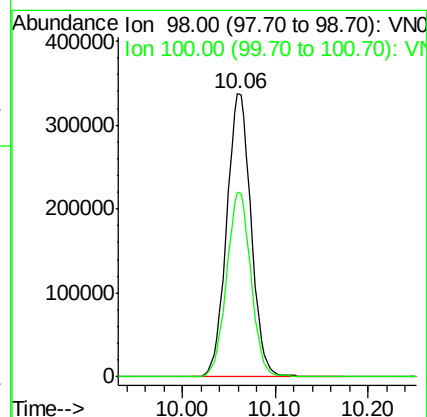
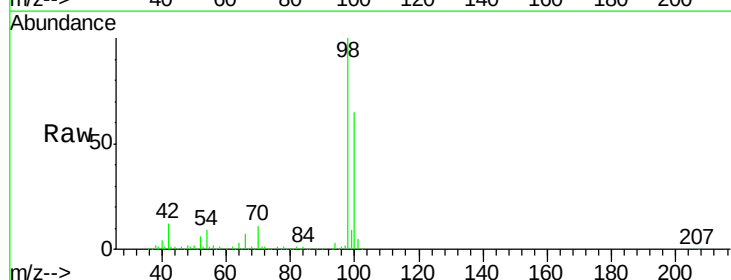
Acq: 18 May 2020 19:47

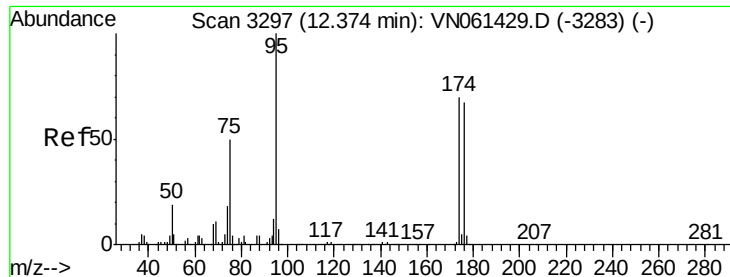
Tgt Ion: 98 Resp: 615049

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8

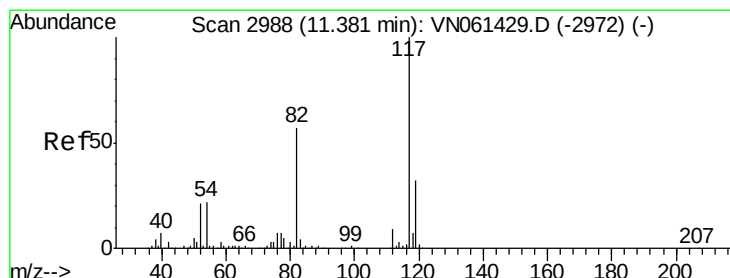
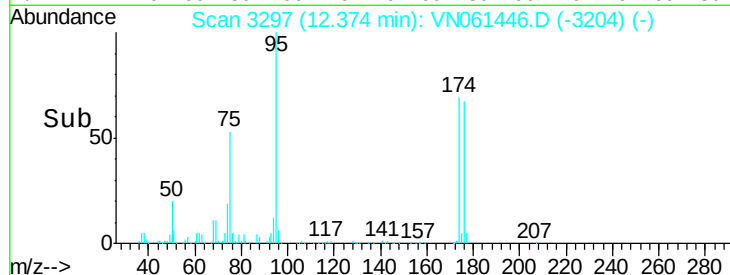
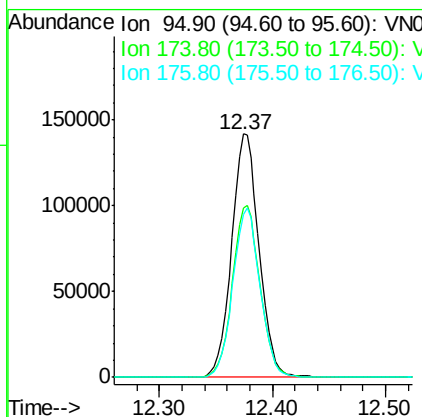
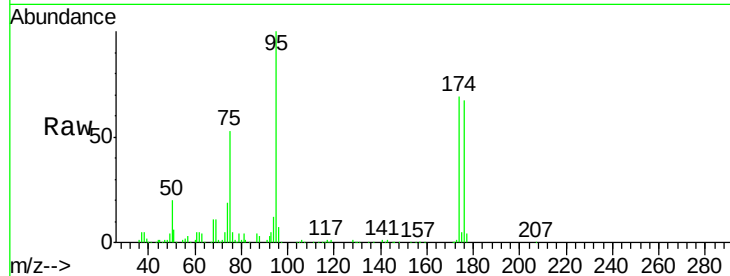




#62
4-Bromofluorobenzene
Concen: 55.126 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061446.D
Acq: 18 May 2020 19:47

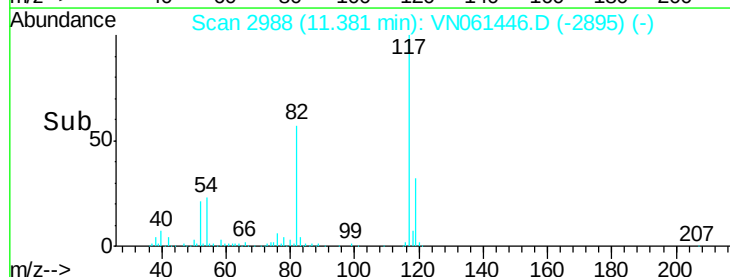
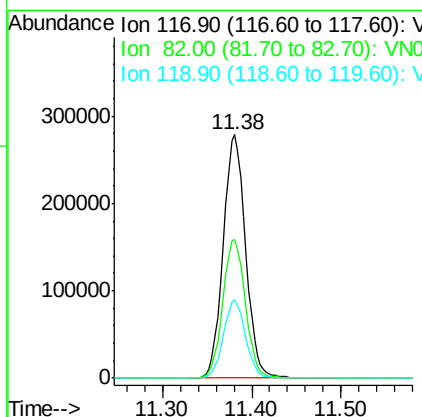
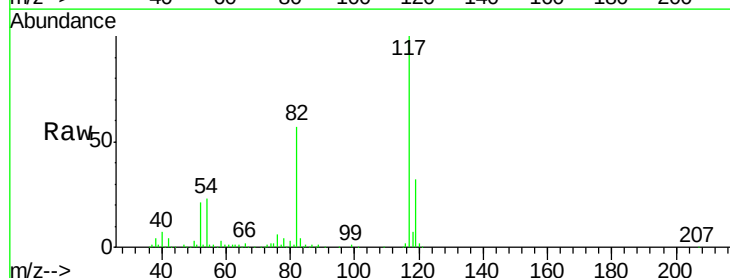
Instrument :
MSVOA_N
ClientSampleId :
PB128923TB

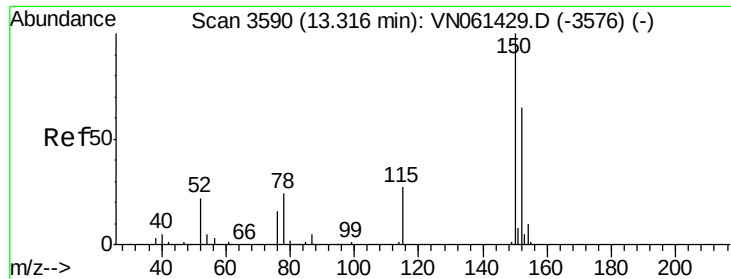
Tot Ion	95	Resp	238645
Ion Ratio	100	Lower	Upper
174	71.0	0.0	141.2
176	69.1	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061446.D
Acq: 18 May 2020 19:47

Tgt Ion	117	Resp	484535
Ion Ratio	100	Lower	Upper
82	57.1	45.2	67.8
119	32.1	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061446.D

Acq: 18 May 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

PB128923TB

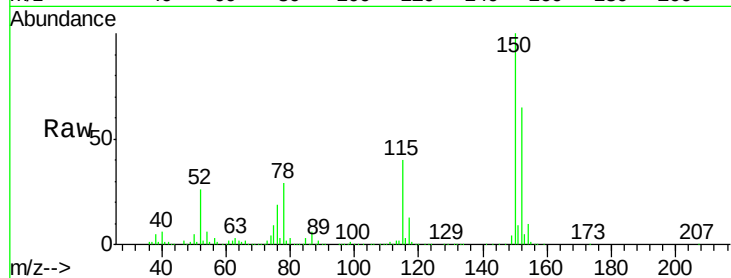
Tot Ion:152 Resp: 212381

Ion Ratio Lower Upper

152 100

115 62.1 30.9 92.5

150 156.6 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

