

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061533.D
 Acq On : 21 May 2020 16:14
 Operator : JC/MD
 Sample : PB129027ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#07

Quant Time: May 22 08:11:25 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

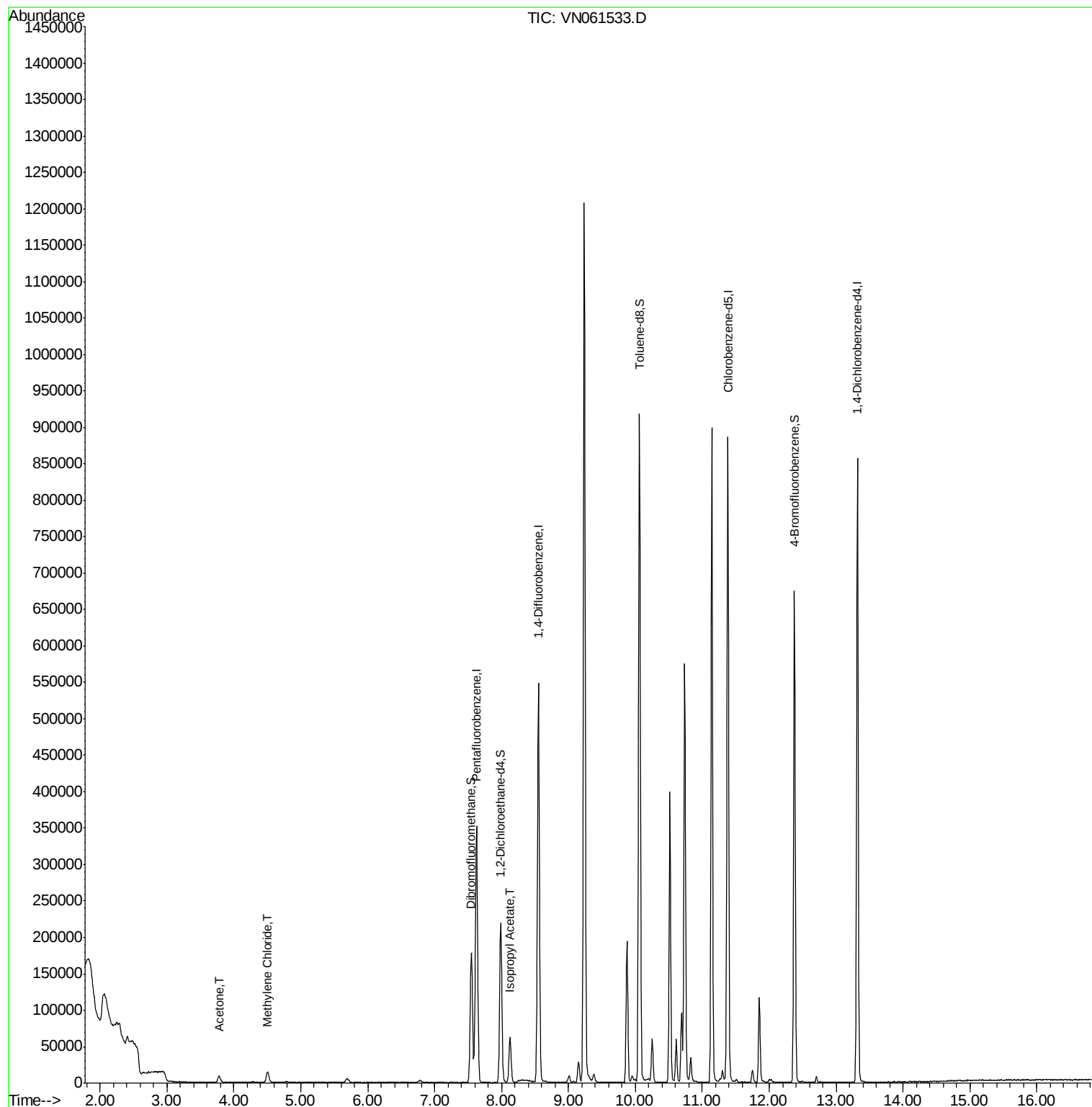
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	520325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189237	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
35) Dibromofluoromethane	7.55	113	138267	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.06	98	650360	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.37	95	247161	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
Target Compounds						
16) Acetone	3.78	43	15170	2.758	ug/l	95
20) Methylene Chloride	4.50	84	12072	3.486	ug/l	91
43) Isopropyl Acetate	8.13	43	71645	9.321	ug/l #	89

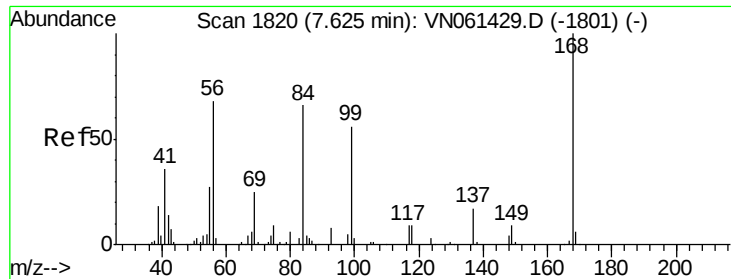
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061533.D

Acq: 21 May 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

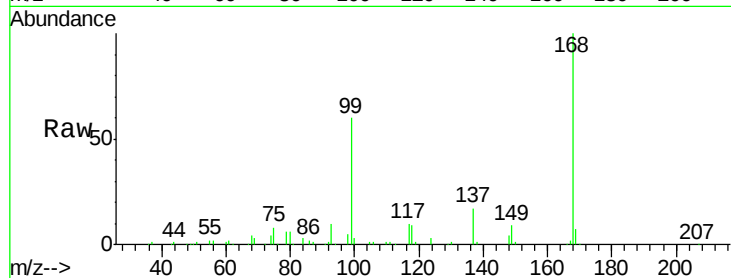
PB129027ZHE#07

Tot Ion:168 Resp: 282313

Ion Ratio Lower Upper

168 100

99 60.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

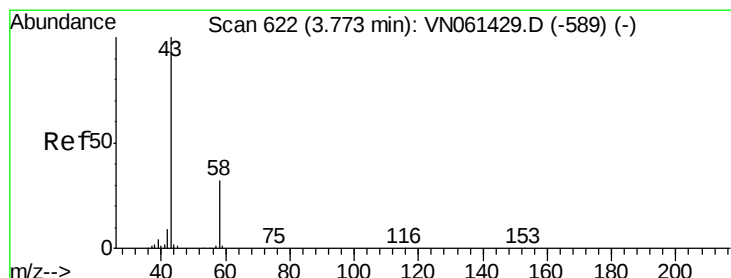
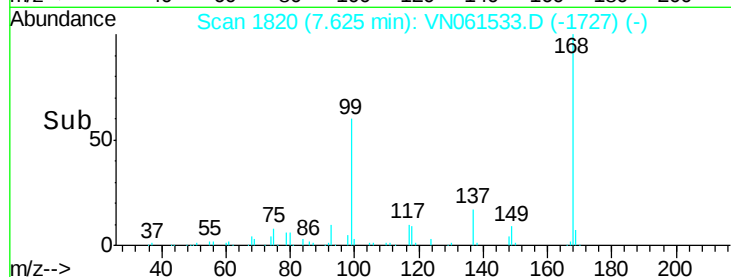
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 2.758 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061533.D

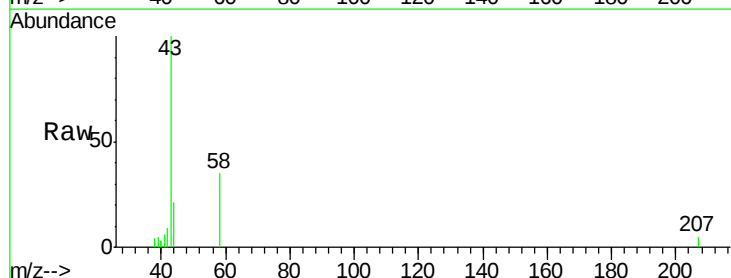
Acq: 21 May 2020 16:14

Tgt Ion: 43 Resp: 15170

Ion Ratio Lower Upper

43 100

58 35.0 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

6000

5000

4000

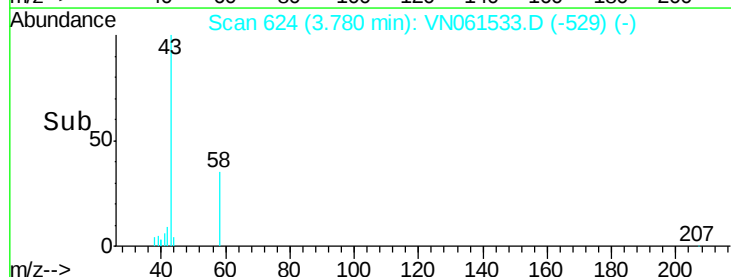
3000

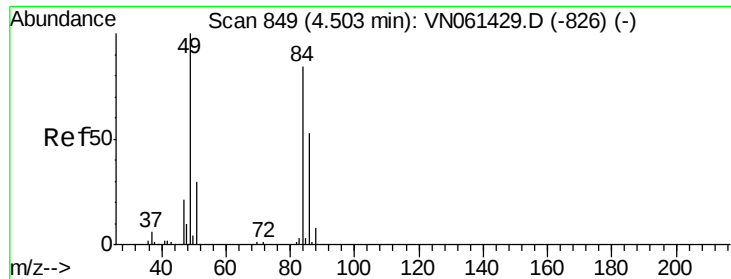
2000

1000

0

Time--> 3.70 3.80 3.90

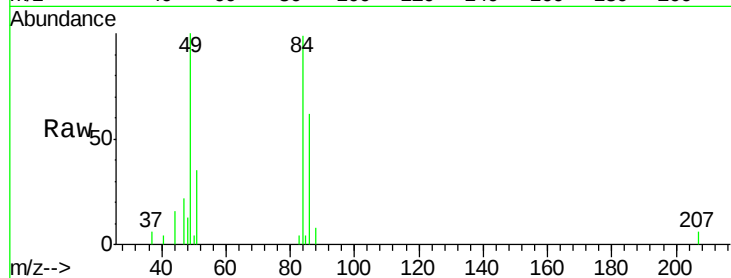




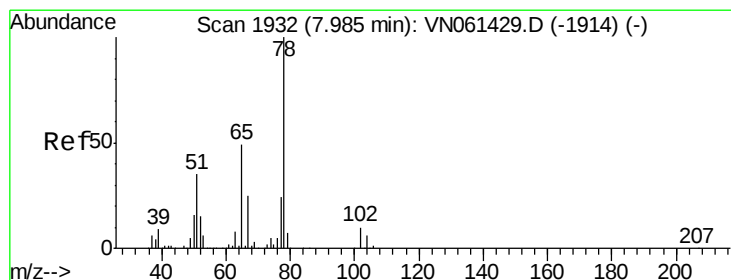
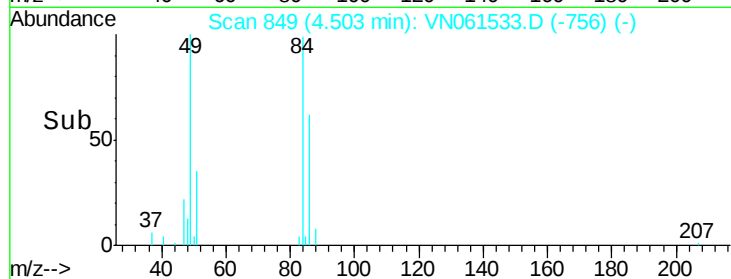
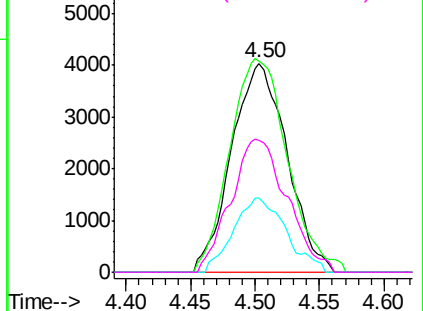
#20
Methvlene Chloride
Concen: 3.486 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061533.D
Acq: 21 May 2020 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB129027ZHE#07

Tot Ion:	84	Resp:	12072
Ion	Ratio	Lower	Upper
84	100		
49	101.3	95.3	142.9
51	35.8	29.0	43.6
86	63.1	50.2	75.2

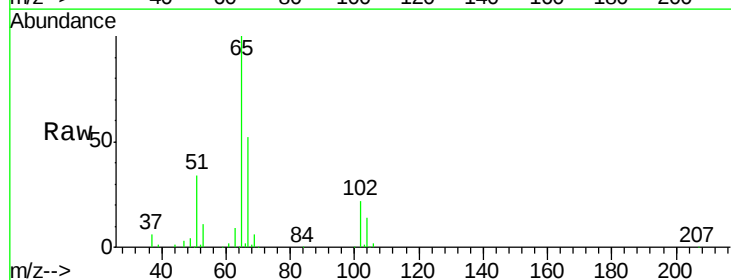


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

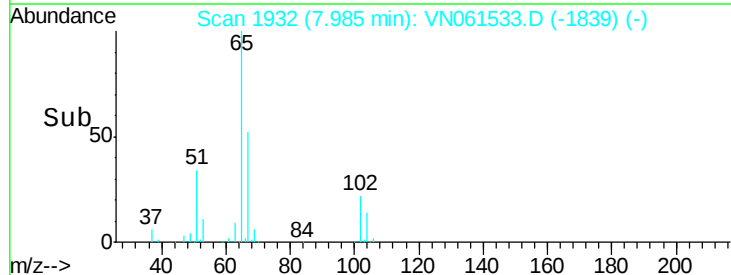
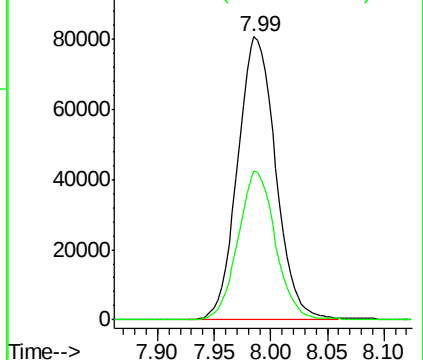


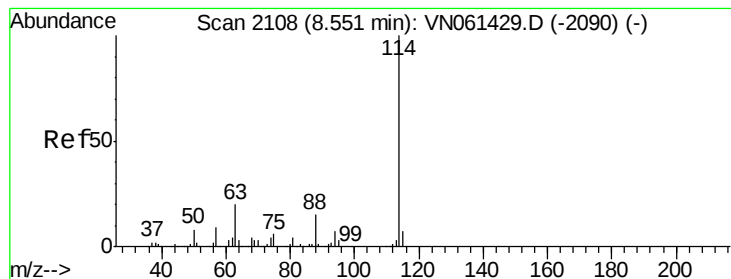
#33
1,2-Dichloroethane-d4
Concen: 44.913 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VN061533.D
Acq: 21 May 2020 16:14

Tgt Ion:	65	Resp:	189237
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VN061533.D

Acq: 21 May 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#07

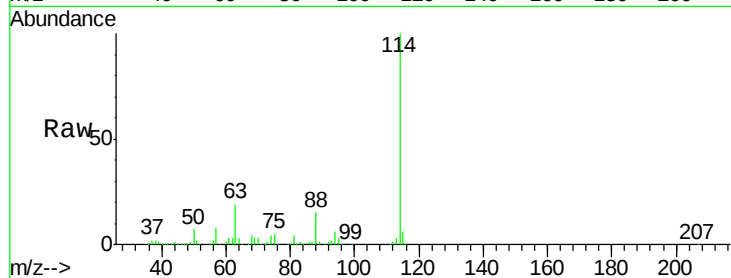
Tot Ion:114 Resp: 519735

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

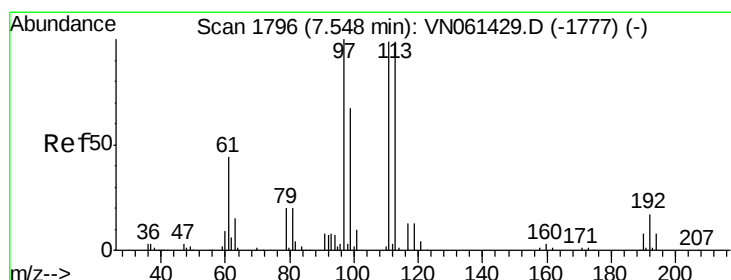
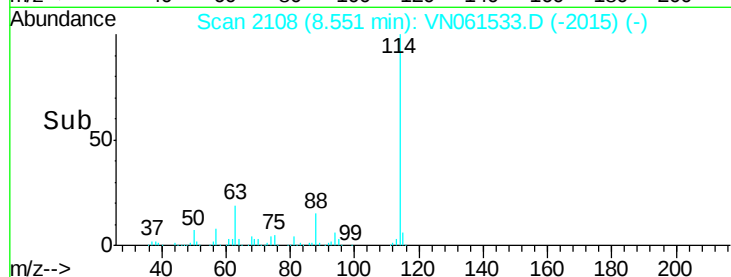
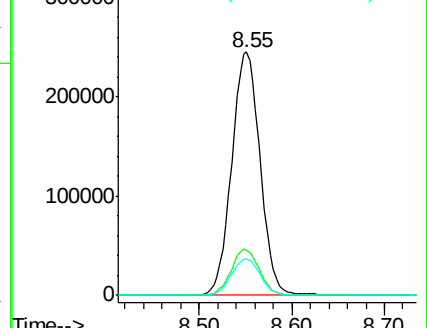
88 14.9 0.0 30.8



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: 50.782 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061533.D

Acq: 21 May 2020 16:14

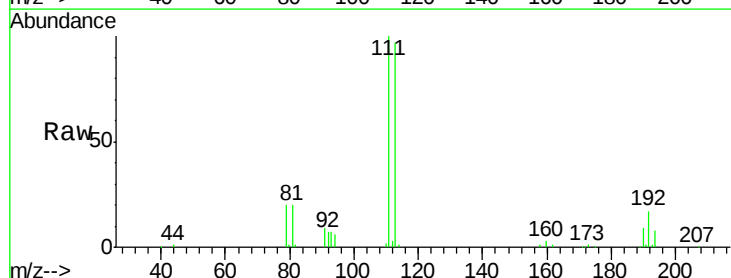
Tgt Ion:113 Resp: 138267

Ion Ratio Lower Upper

113 100

111 102.3 80.6 121.0

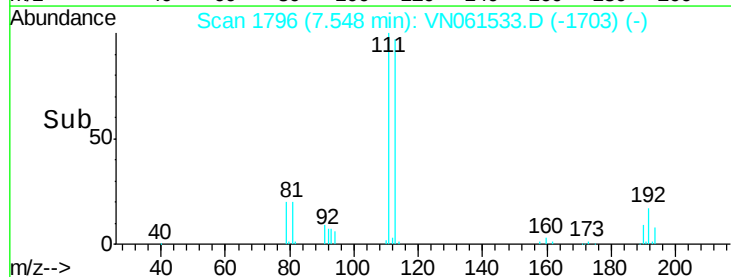
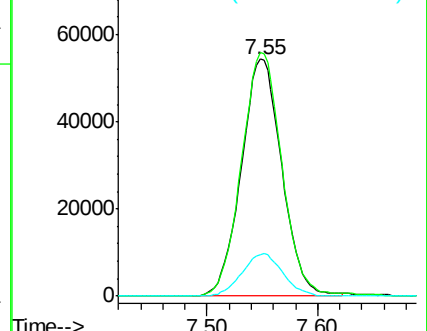
192 17.9 13.2 19.8

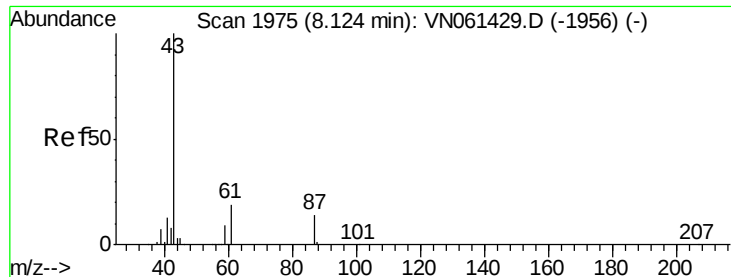


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.321 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061533.D

Acq: 21 May 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#07

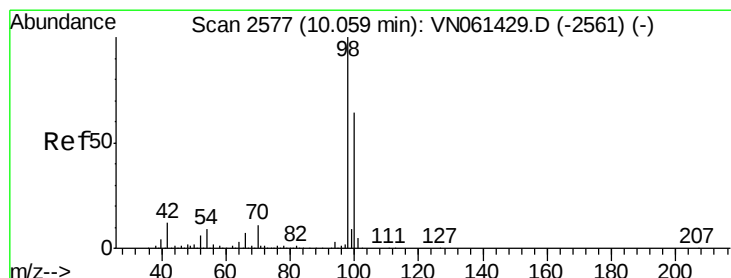
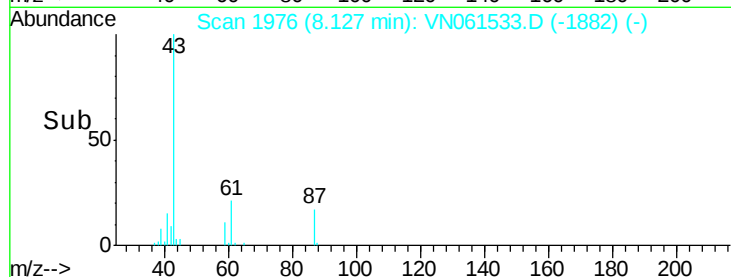
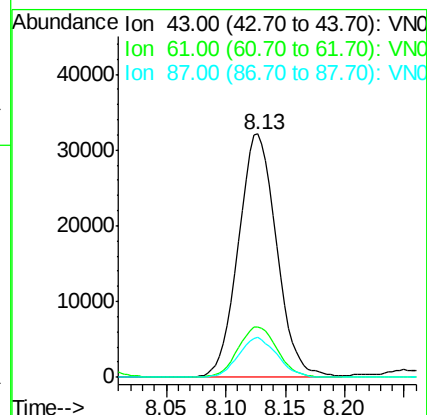
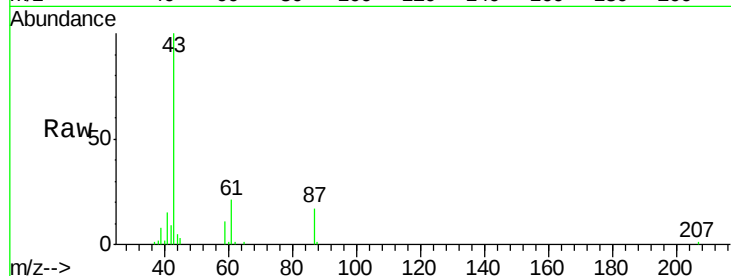
Tot Ion: 43 Resp: 71645

Ion Ratio Lower Upper

43 100

61 21.3 23.0 34.4#

87 16.4 11.6 17.4



#50

Toluene-d8

Concen: 51.498 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061533.D

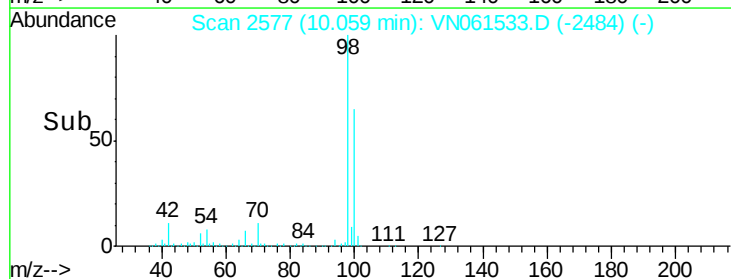
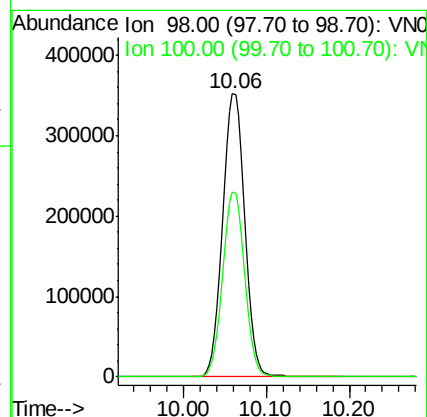
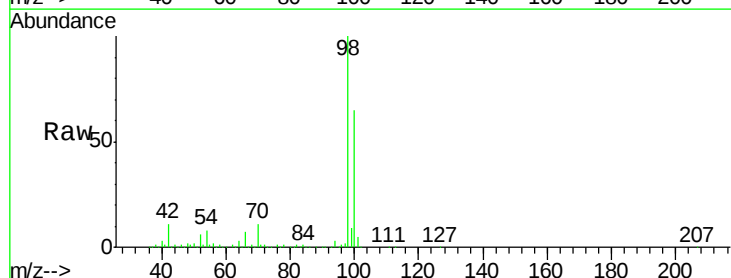
Acq: 21 May 2020 16:14

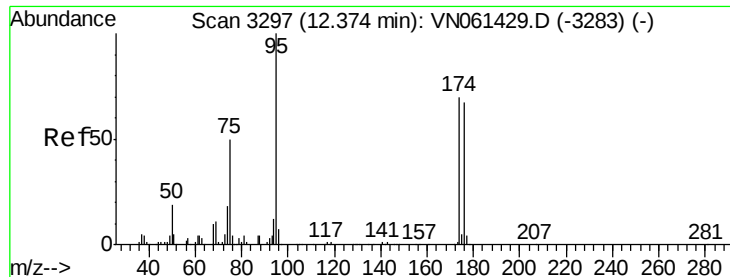
Tgt Ion: 98 Resp: 650360

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

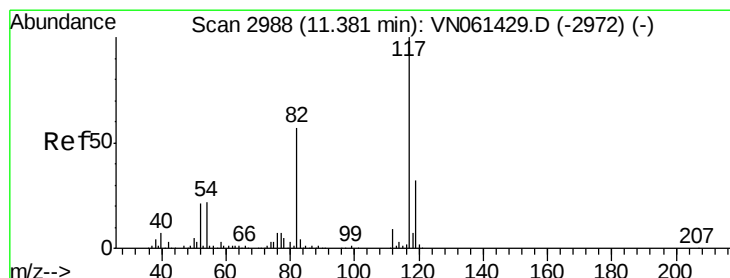
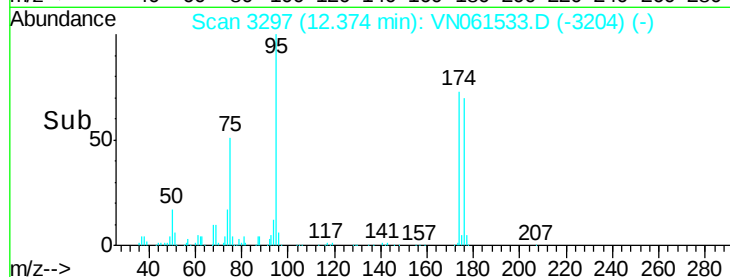
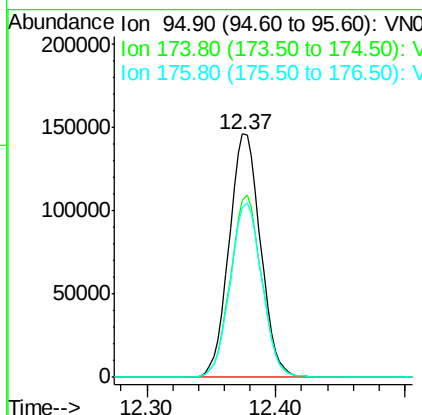
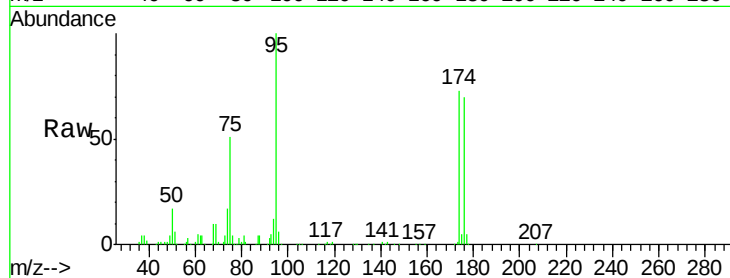




#62
4-Bromofluorobenzene
Concen: 52.385 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061533.D
Acq: 21 May 2020 16:14

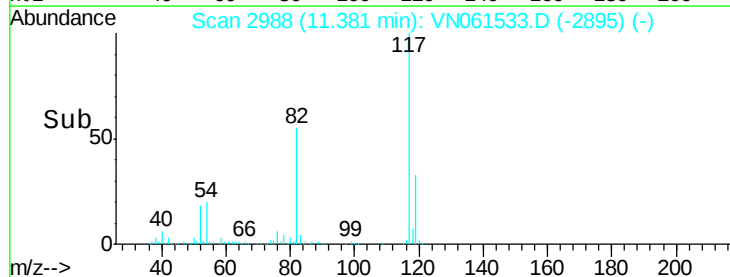
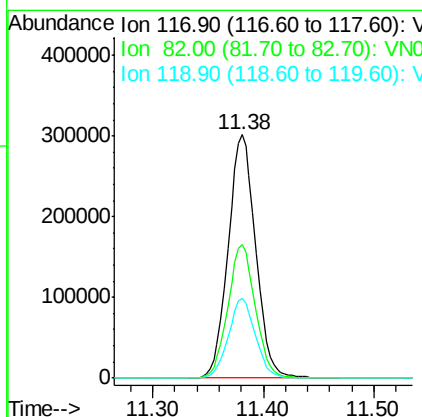
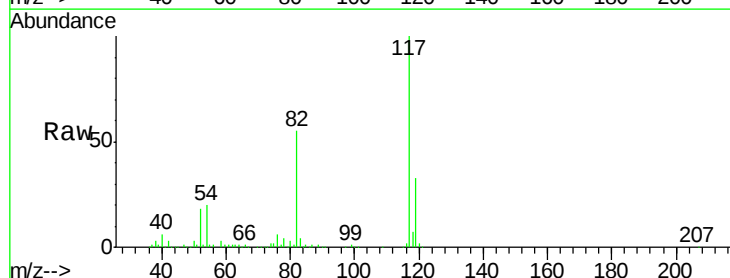
Instrument :
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PB129027ZHE#07

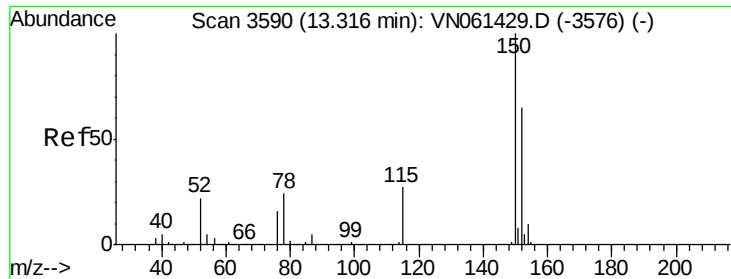
Tot Ion	95	Resp	247161
Ion Ratio	100		
174	74.2	0.0	141.2
176	72.1	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061533.D
Acq: 21 May 2020 16:14

Tgt Ion	117	Resp	520325
Ion Ratio	100		
82	55.0	45.2	67.8
119	32.6	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: VN061533.D

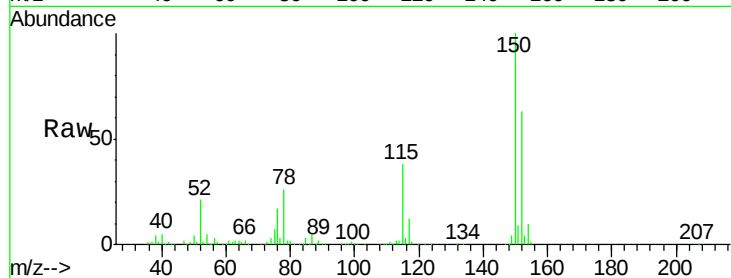
Acq: 21 May 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#07



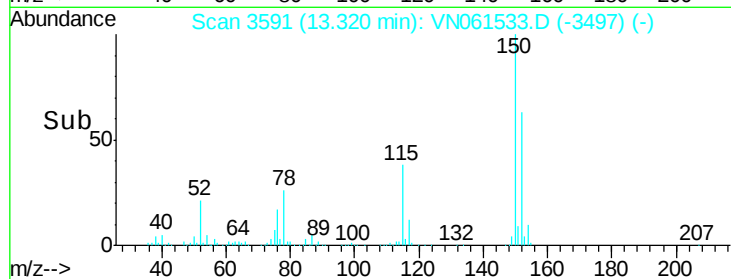
Tot Ion:152 Resp: 229825

Ion Ratio Lower Upper

152 100

115 61.3 30.9 92.5

150 158.4 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

