

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061708.D
 Acq On : 8 Jun 2020 20:02
 Operator : JC/MD
 Sample : PB129340ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129340ZHE#03

Quant Time: Jun 09 04:35:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

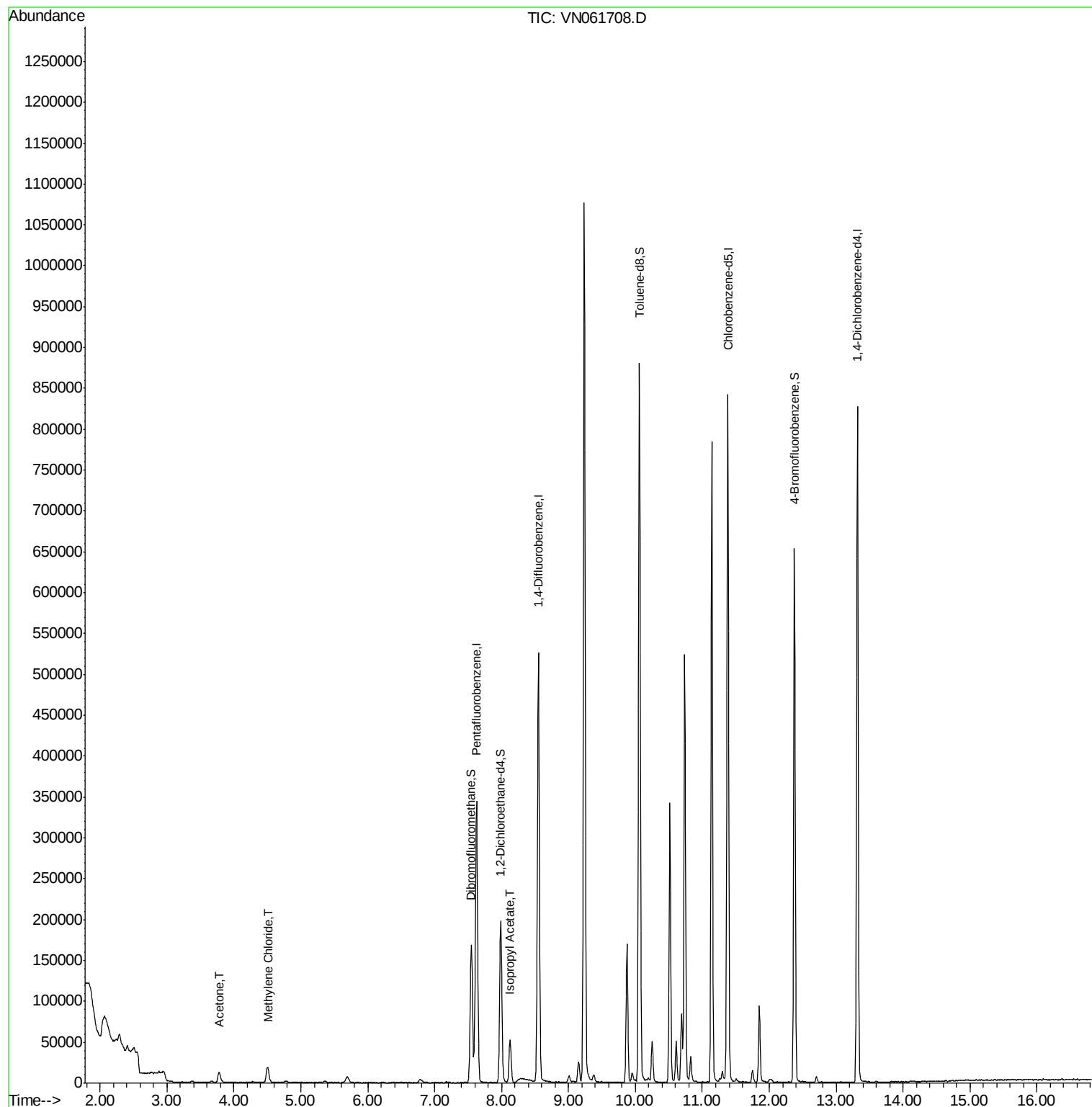
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	292706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	512360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	521179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	240129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	169554	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	7.55	113	132019	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.06	98	623562	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.38	95	224506	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
Target Compounds						
16) Acetone	3.78	43	22078	17.197	ug/l	96
20) Methylene Chloride	4.51	84	15789	3.358	ug/l	94
43) Isopropyl Acetate	8.13	43	59844	9.105	ug/l #	90

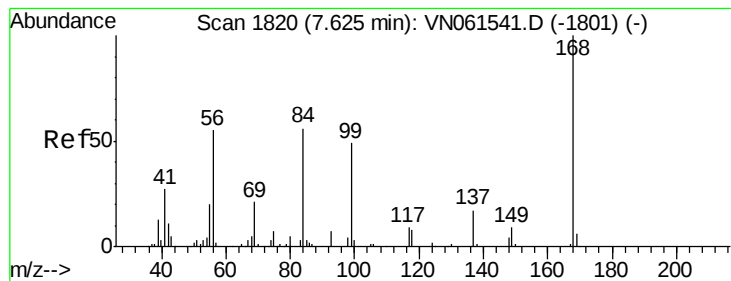
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 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: VN061708.D

Acq: 8 Jun 2020 20:02

Instrument :

MSVOA_N

ClientSampleId :

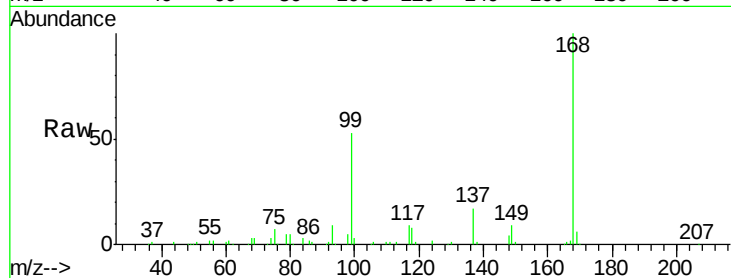
PB129340ZHE#03

Tot Ion:168 Resp: 292706

Ion Ratio Lower Upper

168 100

99 53.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

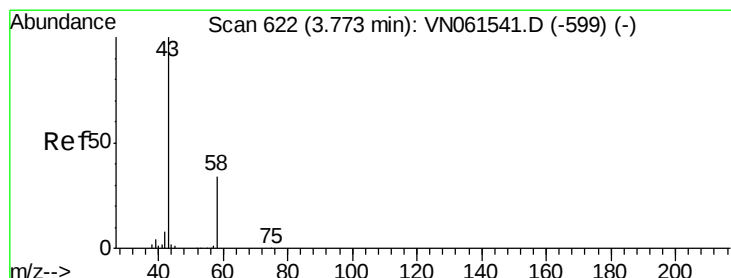
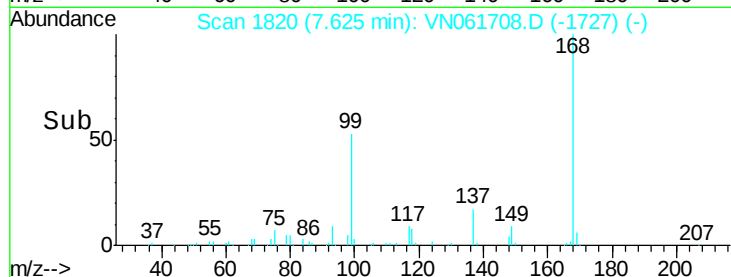
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 17.197 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061708.D

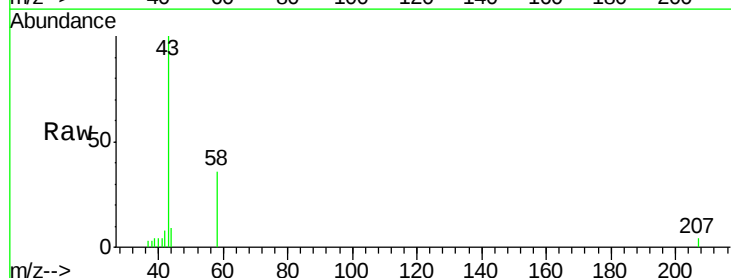
Acq: 8 Jun 2020 20:02

Tgt Ion: 43 Resp: 22078

Ion Ratio Lower Upper

43 100

58 36.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

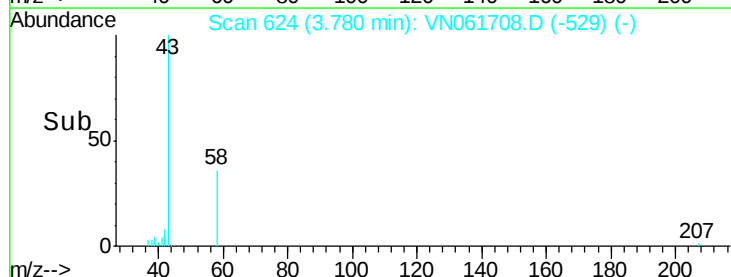
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 3.358 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN061708.D

Acq: 8 Jun 2020 20:02

Instrument :

MSVOA_N

ClientSampleId :

PB129340ZHE#03

Tot Ion: 84 Resp: 15789

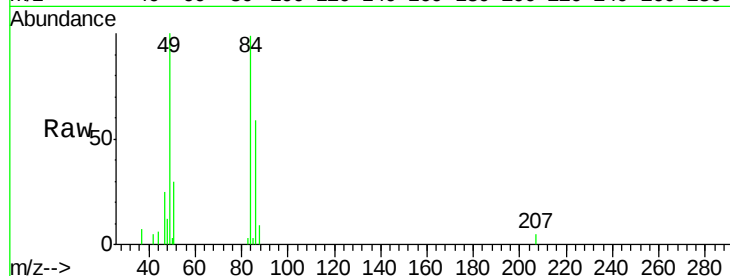
Ion Ratio Lower Upper

84 100

49 101.5 85.8 128.8

51 30.2 26.2 39.2

86 59.4 52.6 78.8

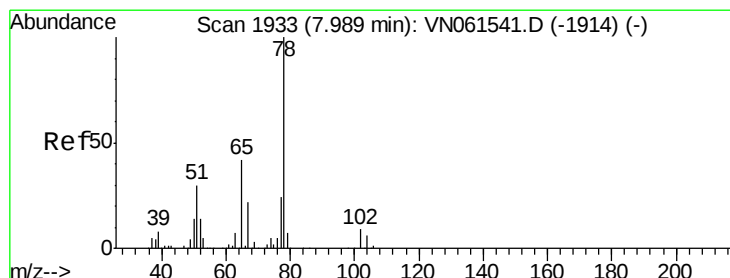
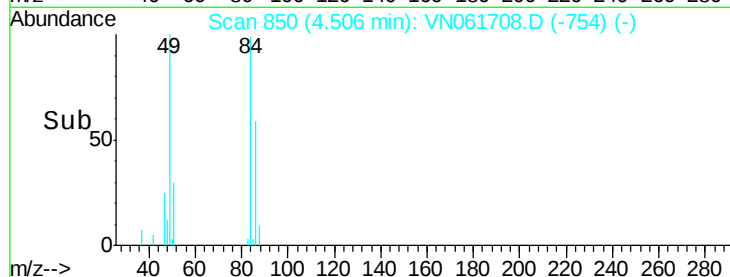
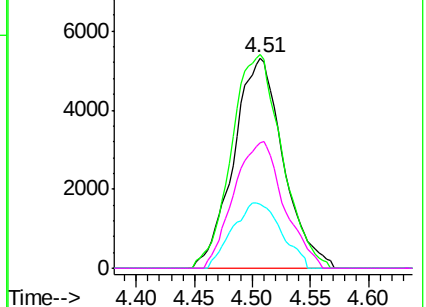


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.619 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061708.D

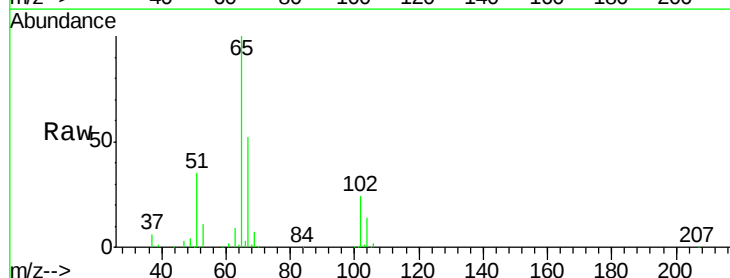
Acq: 8 Jun 2020 20:02

Tgt Ion: 65 Resp: 169554

Ion Ratio Lower Upper

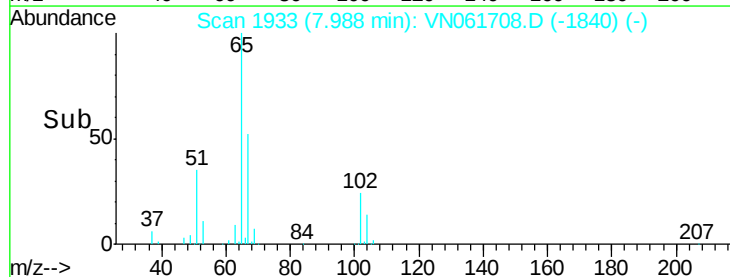
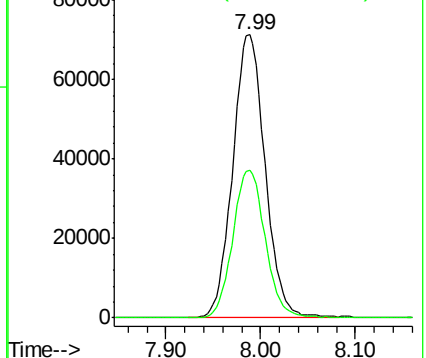
65 100

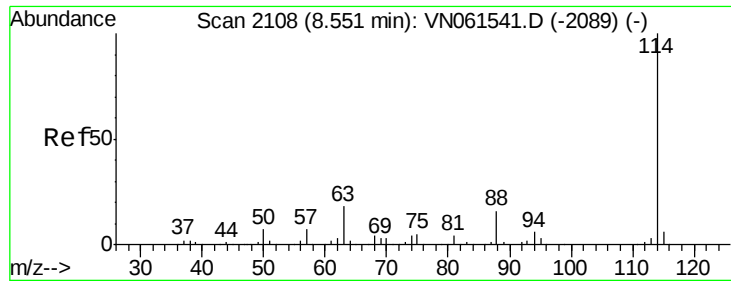
67 52.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

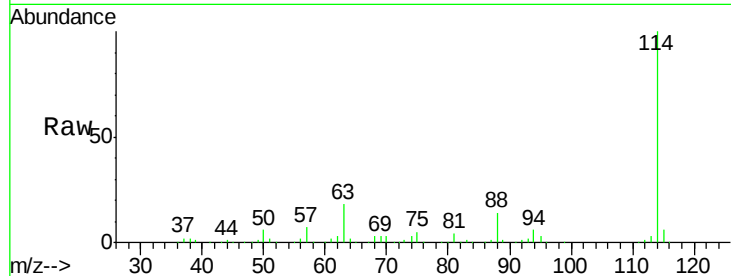




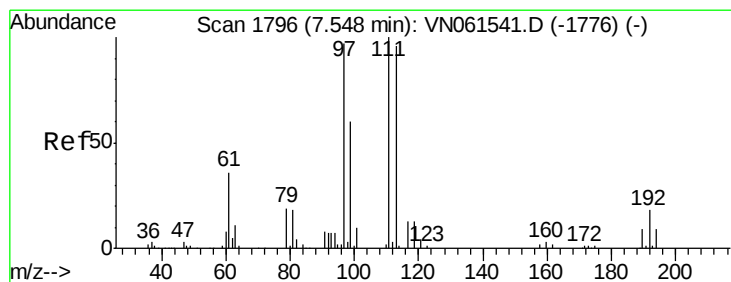
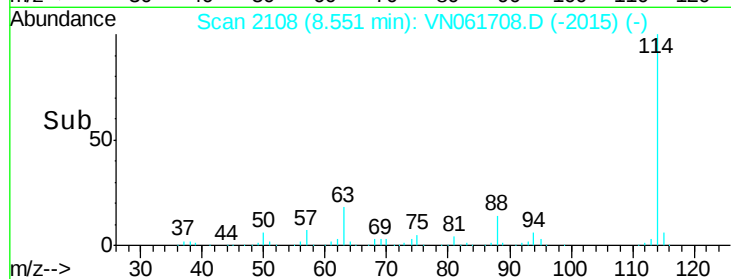
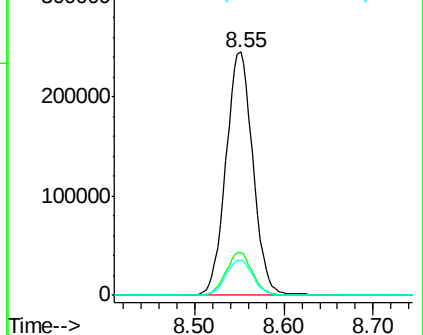
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061708.D
 Acq: 8 Jun 2020 20:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129340ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.8
88	14.3	0.0	31.0

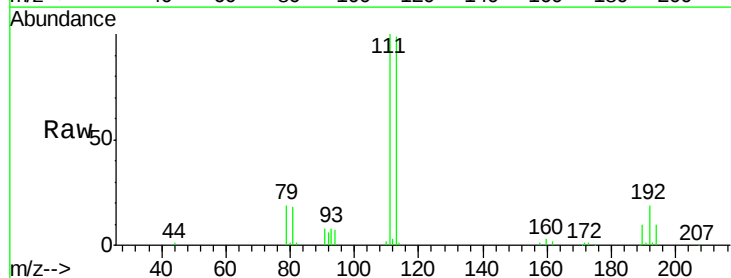


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

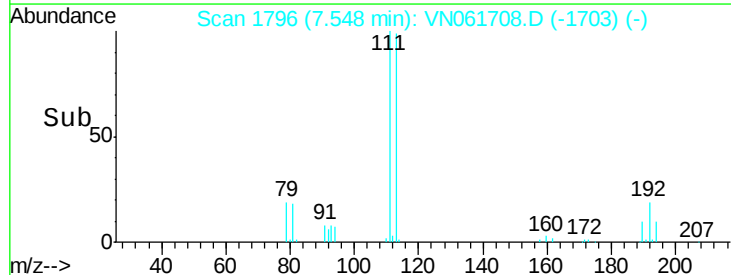
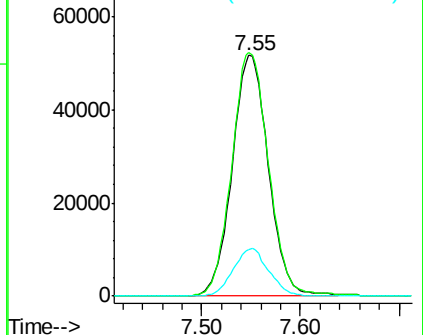


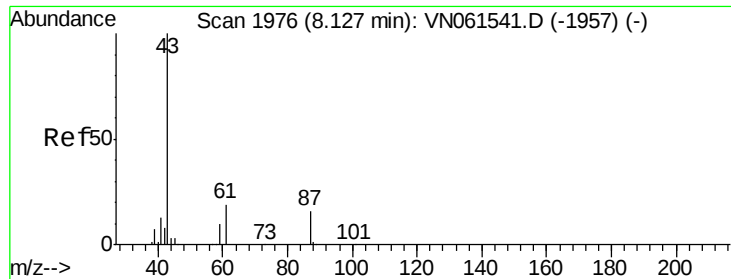
#35
 Dibromofluoromethane
 Concen: 50.794 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061708.D
 Acq: 8 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.0
192	19.3	15.4	23.2



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: 9.105 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN061708.D

Acq: 8 Jun 2020 20:02

Instrument :

MSVOA_N

ClientSampleId :

PB129340ZHE#03

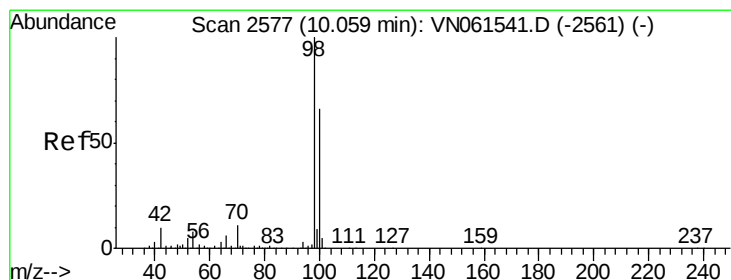
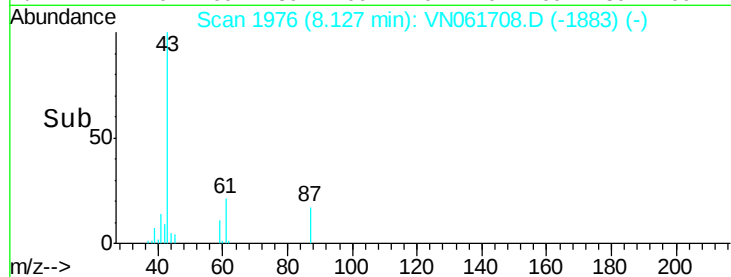
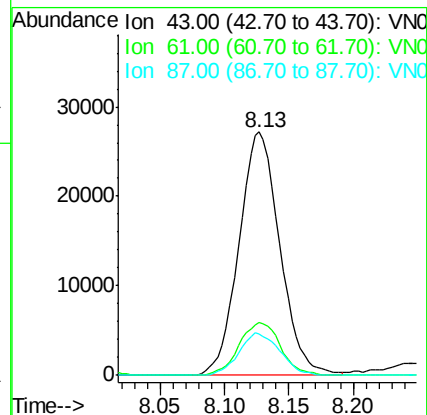
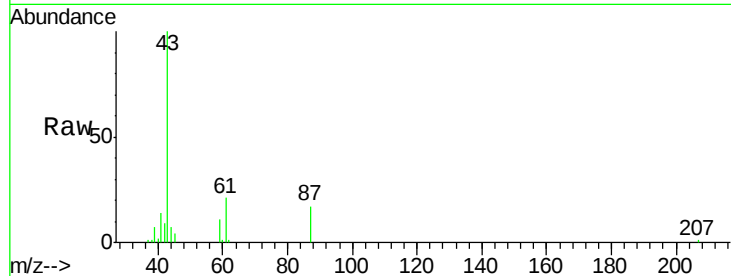
Tot Ion: 43 Resp: 59844

Ion Ratio Lower Upper

43 100

61 22.1 23.6 35.4#

87 17.3 13.0 19.6



#50

Toluene-d8

Concen: 51.771 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061708.D

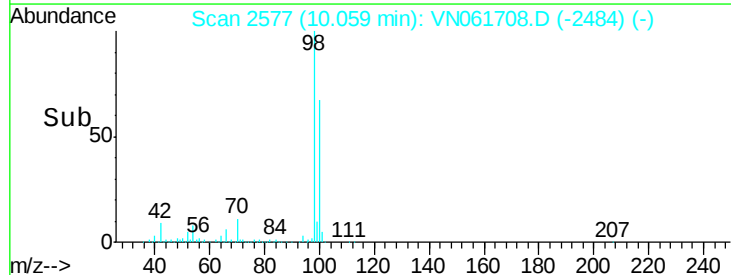
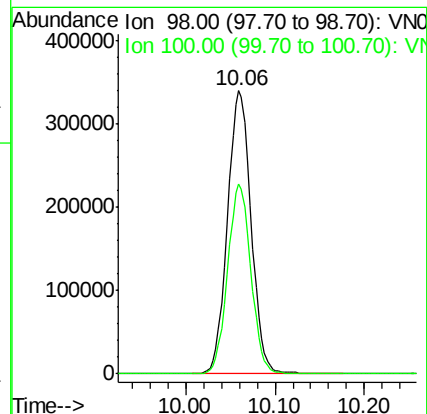
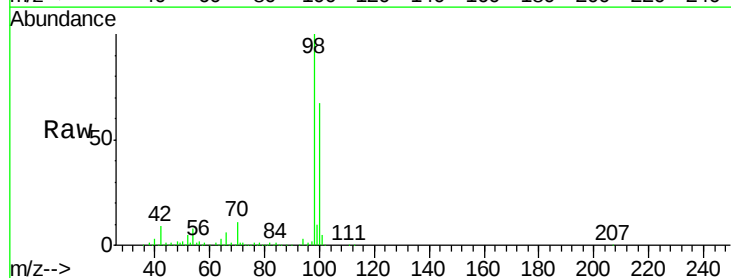
Acq: 8 Jun 2020 20:02

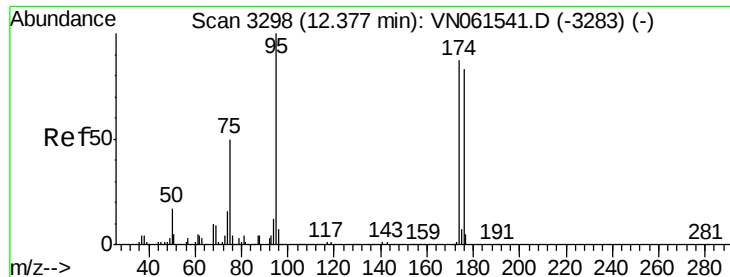
Tgt Ion: 98 Resp: 623562

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2

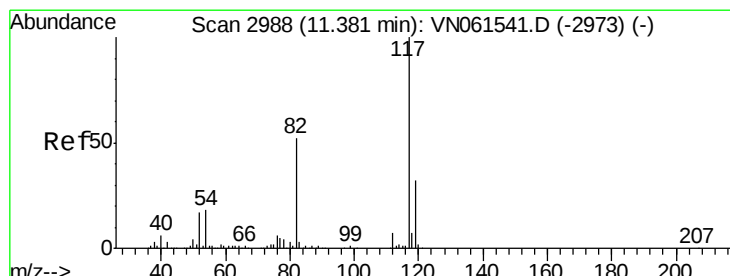
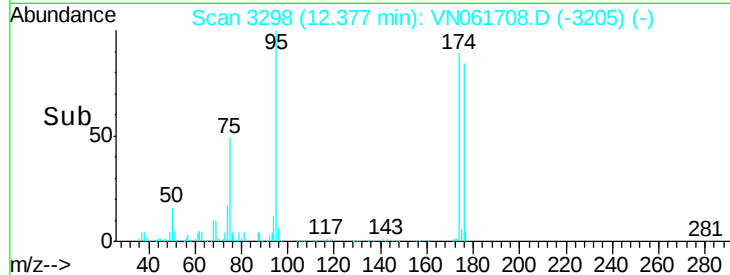
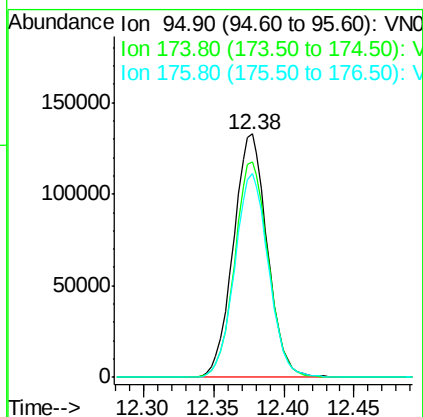
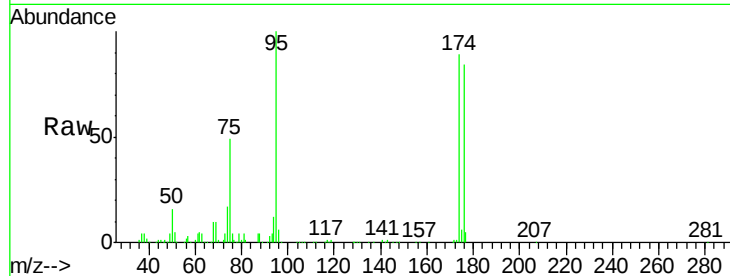




#62
4-Bromofluorobenzene
Concen: 51.090 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061708.D
Acq: 8 Jun 2020 20:02

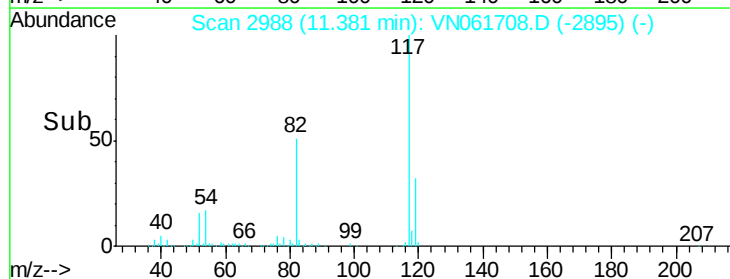
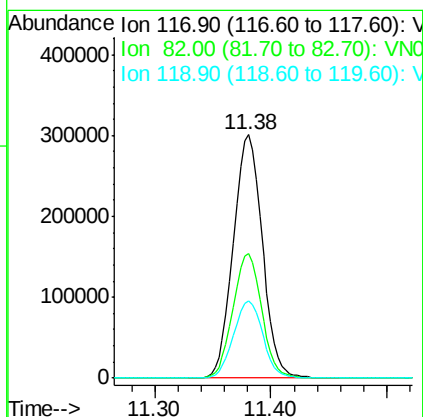
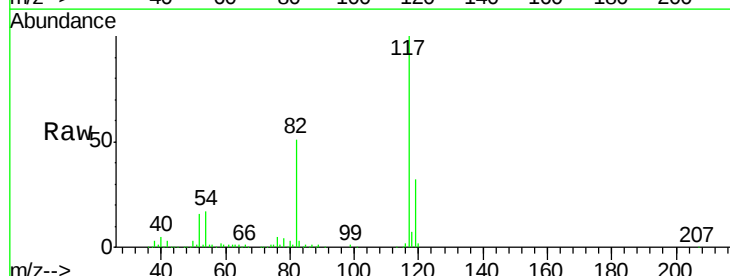
Instrument :
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ClientSampleId :
PB129340ZHE#03

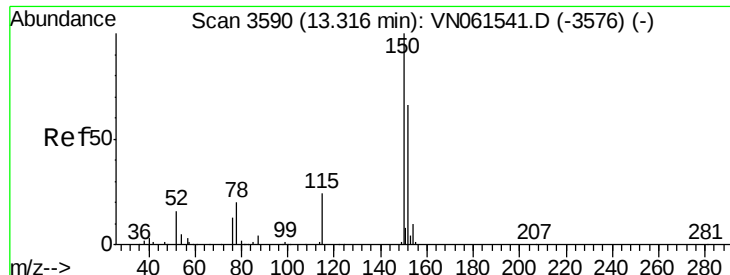
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	172.8
176	83.2	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061708.D
Acq: 8 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.5	62.3
119	31.8	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061708.D

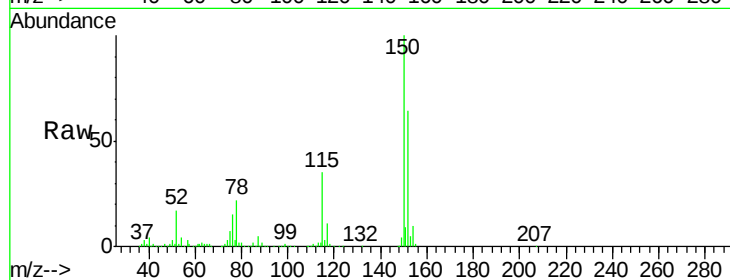
Acq: 8 Jun 2020 20:02

Instrument :

MSVOA_N

ClientSampleId :

PB129340ZHE#03



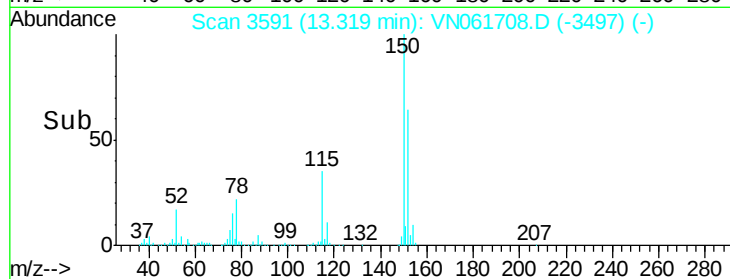
Tot Ion:152 Resp: 240129

Ion Ratio Lower Upper

152 100

115 55.4 28.0 84.0

150 155.8 0.0 344.0



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

