

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061721.D
 Acq On : 9 Jun 2020 13:17
 Operator : JC/MD
 Sample : PB129410ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#02

Quant Time: Jun 10 03:46:15 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

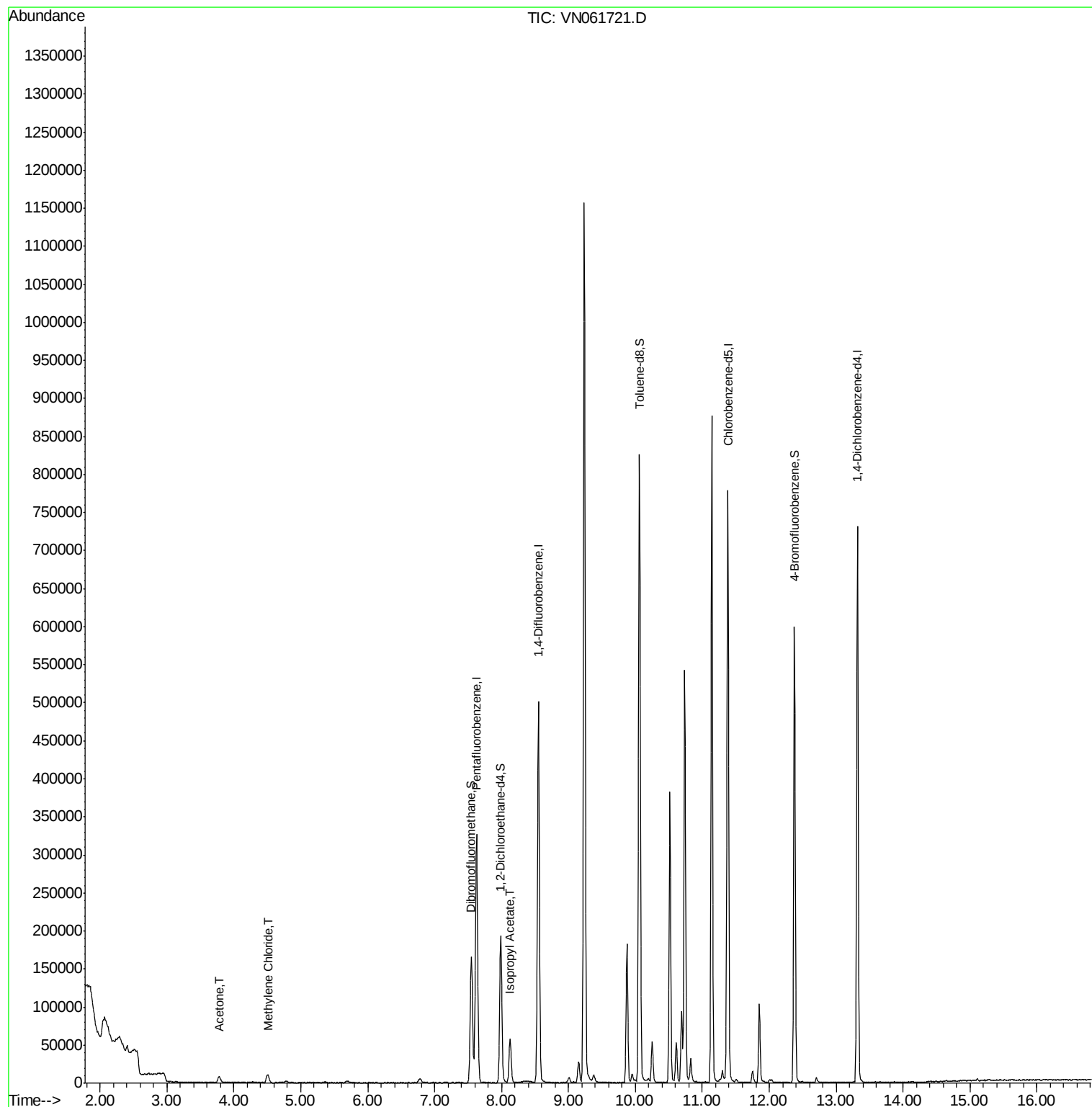
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	489118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	161246	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	7.55	113	129778	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.06	98	591450	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.38	95	206390	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	3.78	43	13602	8.795	ug/l	96
20) Methylene Chloride	4.51	84	8848	1.217	ug/l	97
43) Isopropyl Acetate	8.13	43	64312	10.509	ug/l #	91

(#) = 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# 1820

Delta R.T. 0.00 min

Lab File: VN061721.D

Acq: 9 Jun 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

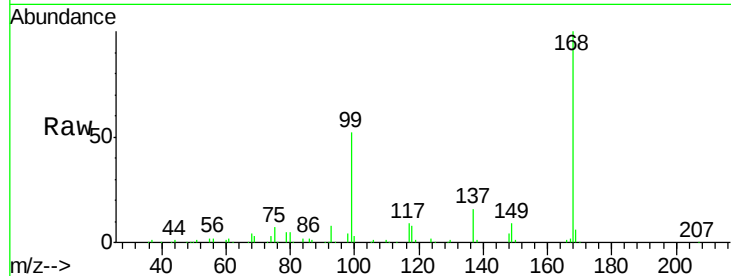
PB129410ZHE#02

Tot Ion:168 Resp: 280325

Ion Ratio Lower Upper

168 100

99 51.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

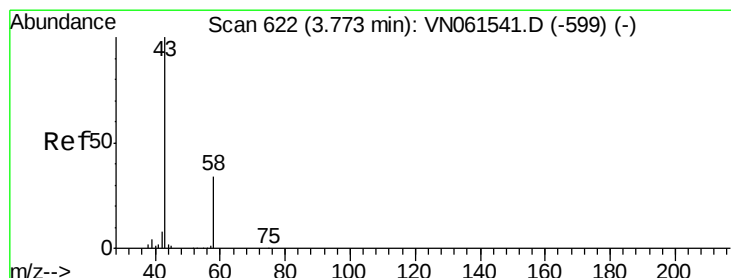
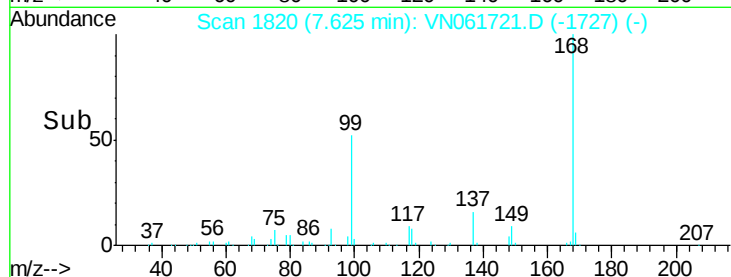
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.795 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061721.D

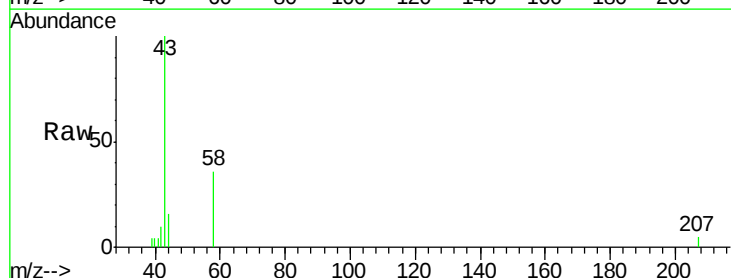
Acq: 9 Jun 2020 13:17

Tgt Ion: 43 Resp: 13602

Ion Ratio Lower Upper

43 100

58 36.3 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

6000

5000

4000

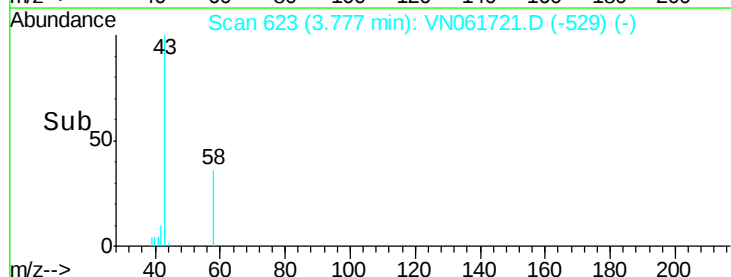
3000

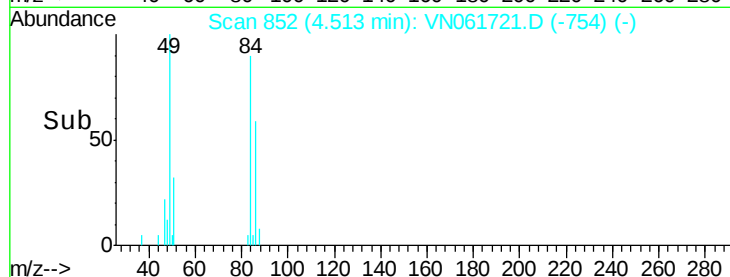
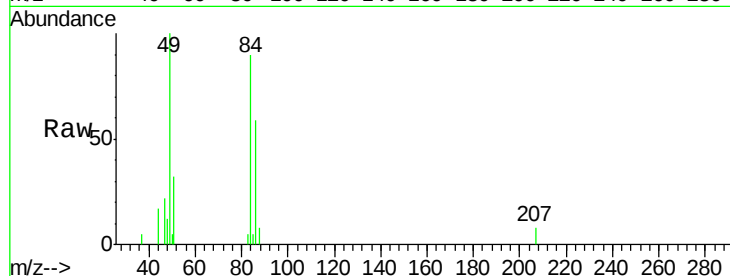
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

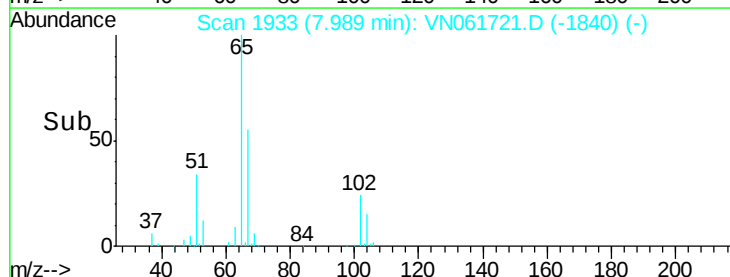
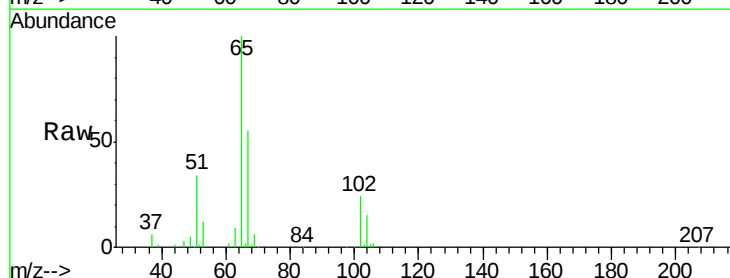
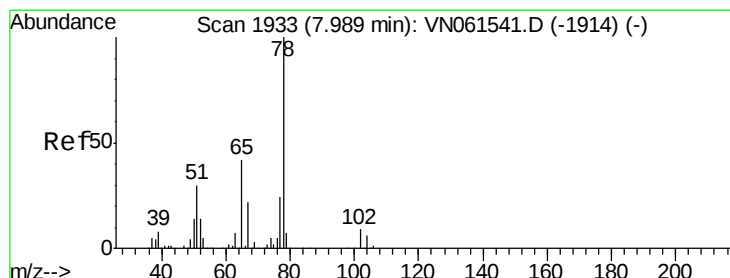
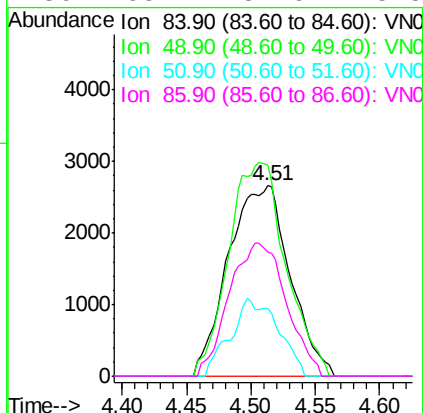




#20
Methvlene Chloride
Concen: 1.217 ug/l
RT: 4.51 min Scan# 852
Delta R.T. 0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

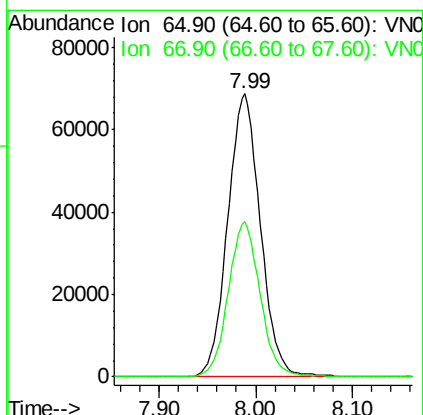
Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

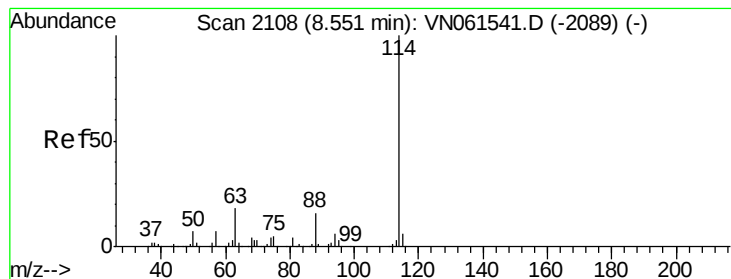
Tot Ion: 84 Resp: 8848
Ion Ratio Lower Upper
84 100
49 111.0 85.8 128.8
51 35.7 26.2 39.2
86 65.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 48.279 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 65 Resp: 161246
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061721.D

Acq: 9 Jun 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

PB129410ZHE#02

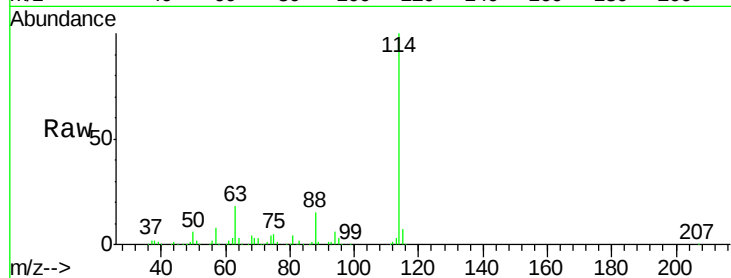
Tot Ion:114 Resp: 477047

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

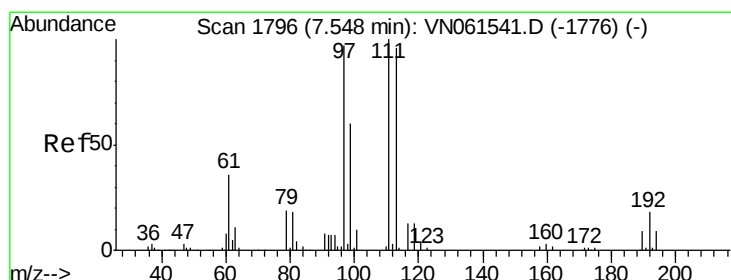
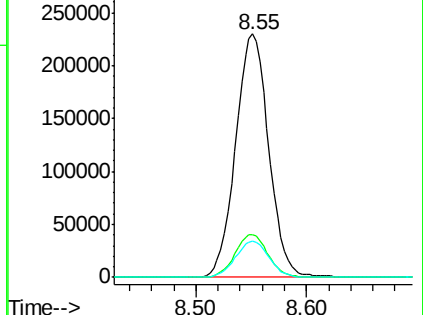
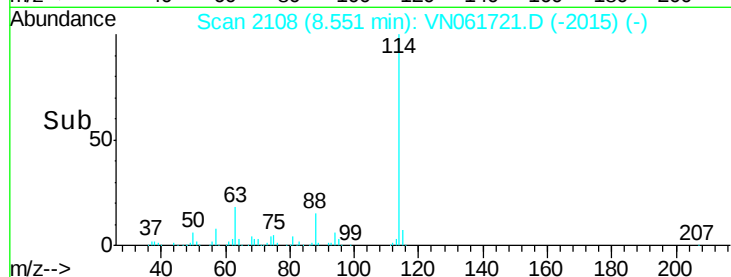
88 14.8 0.0 31.0



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: 53.628 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061721.D

Acq: 9 Jun 2020 13:17

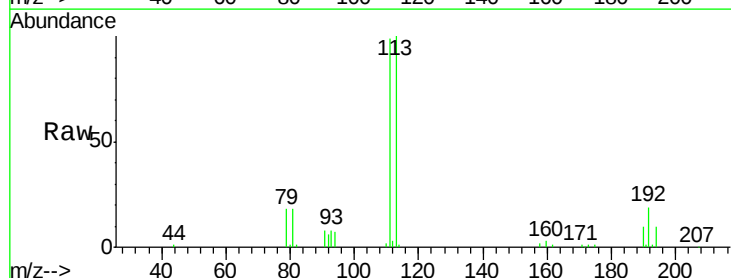
Tgt Ion:113 Resp: 129778

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.0

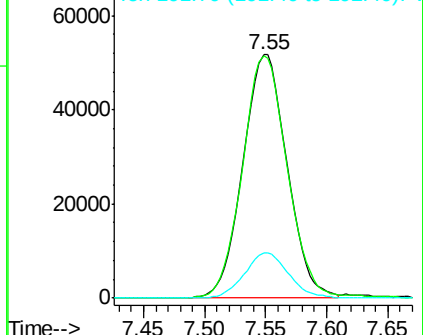
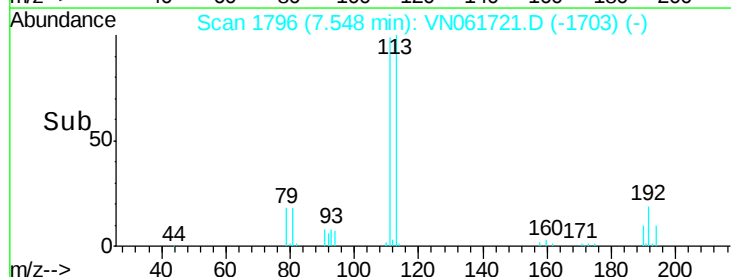
192 18.5 15.4 23.2

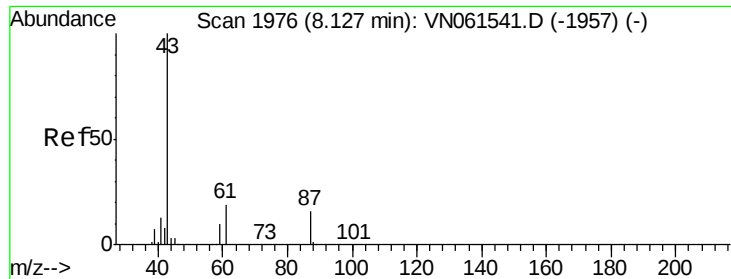


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



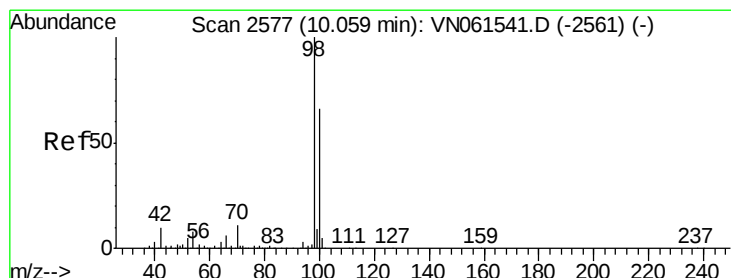
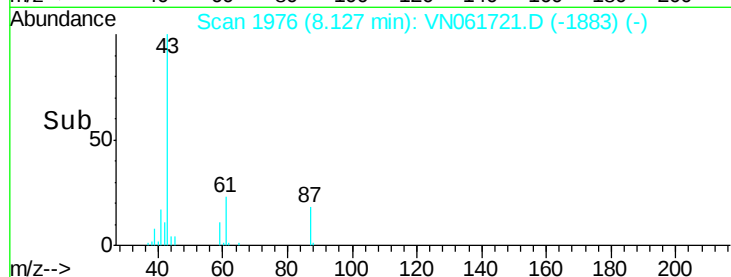
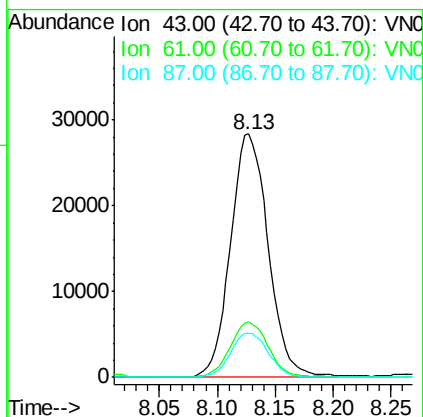
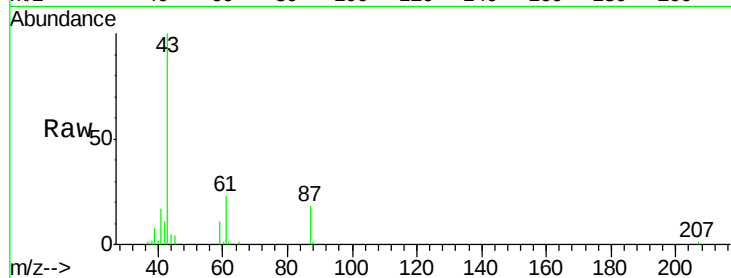


#43

Isopropyl Acetate
 Concen: 10.509 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061721.D
 Acq: 9 Jun 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#02

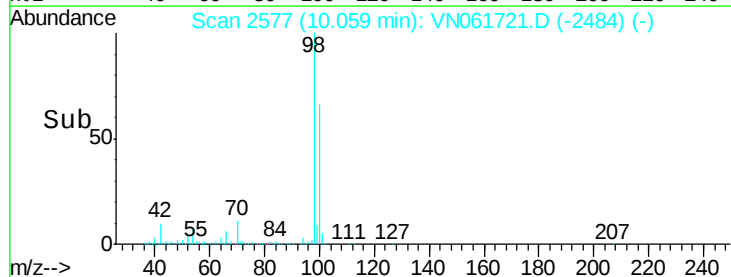
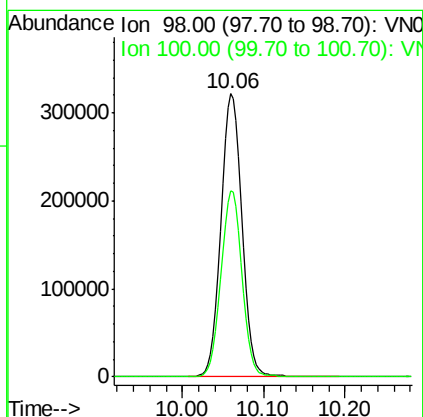
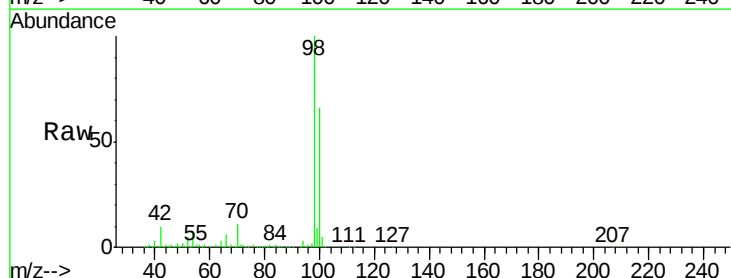
Tot Ion: 43 Resp: 64312
 Ion Ratio Lower Upper
 43 100
 61 22.9 23.6 35.4#
 87 18.1 13.0 19.6



#50

Toluene-d8
 Concen: 52.740 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061721.D
 Acq: 9 Jun 2020 13:17

Tgt Ion: 98 Resp: 591450
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 50.444 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061721.D

Acq: 9 Jun 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

PB129410ZHE#02

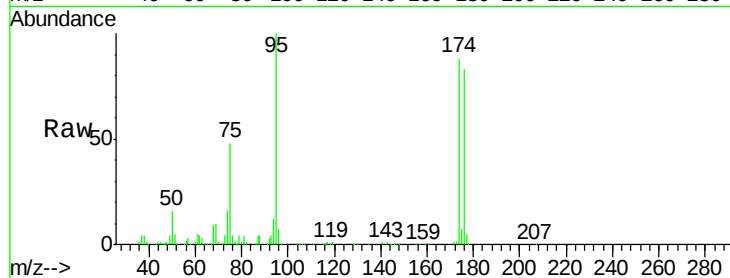
Tot Ion: 95 Resp: 206390

Ion Ratio Lower Upper

95 100

174 86.6 0.0 172.8

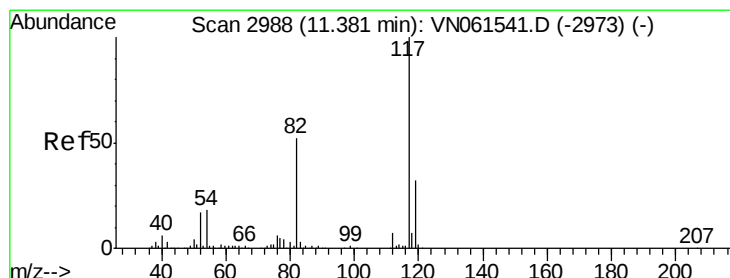
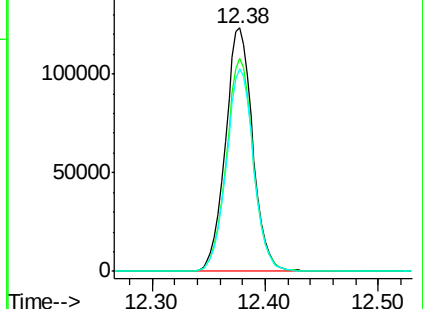
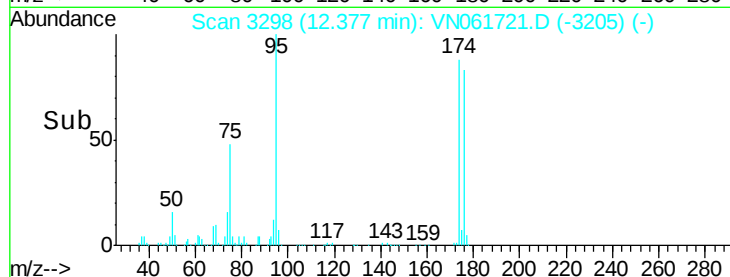
176 83.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061721.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061721.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061721.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061721.D

Acq: 9 Jun 2020 13:17

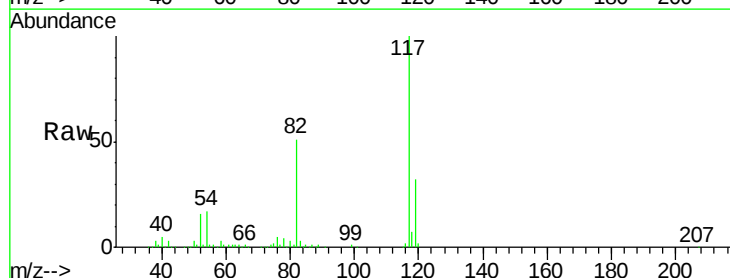
Tgt Ion: 117 Resp: 489118

Ion Ratio Lower Upper

117 100

82 51.0 41.5 62.3

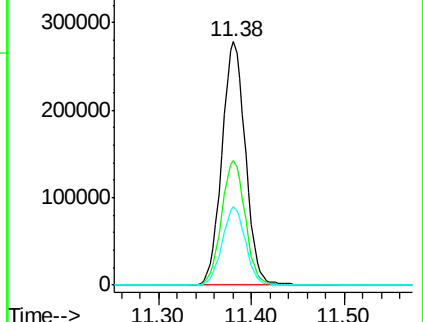
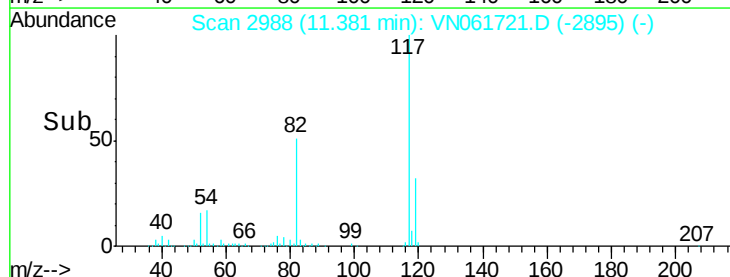
119 32.1 25.6 38.4

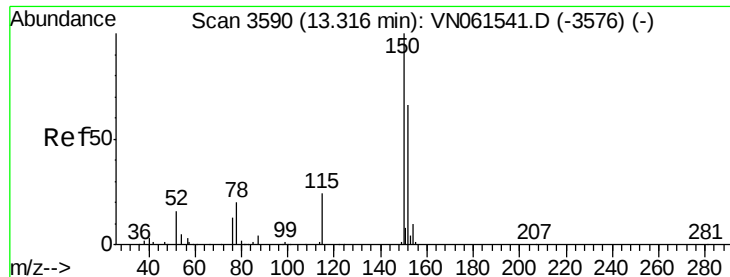


Abundance Ion 116.90 (116.60 to 117.60): VN061721.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061721.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061721.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: VN061721.D

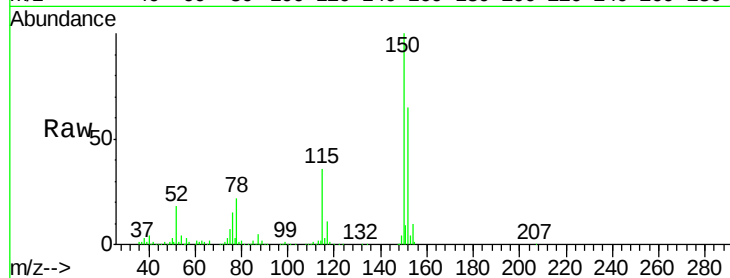
Acq: 9 Jun 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

PB129410ZHE#02



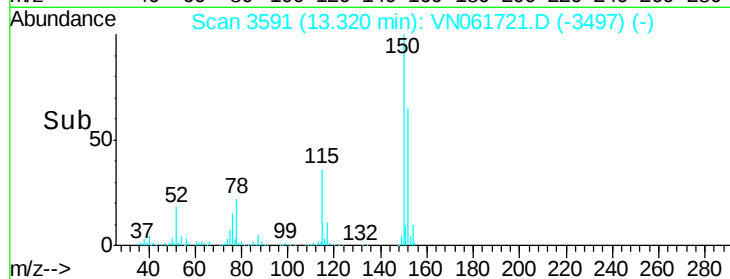
Tot Ion:152 Resp: 210205

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 156.5 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

