

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061661.D
 Acq On : 5 Jun 2020 12:00
 Operator : JC/MD
 Sample : L2904-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB6420

Quant Time: Jun 06 03:37:57 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

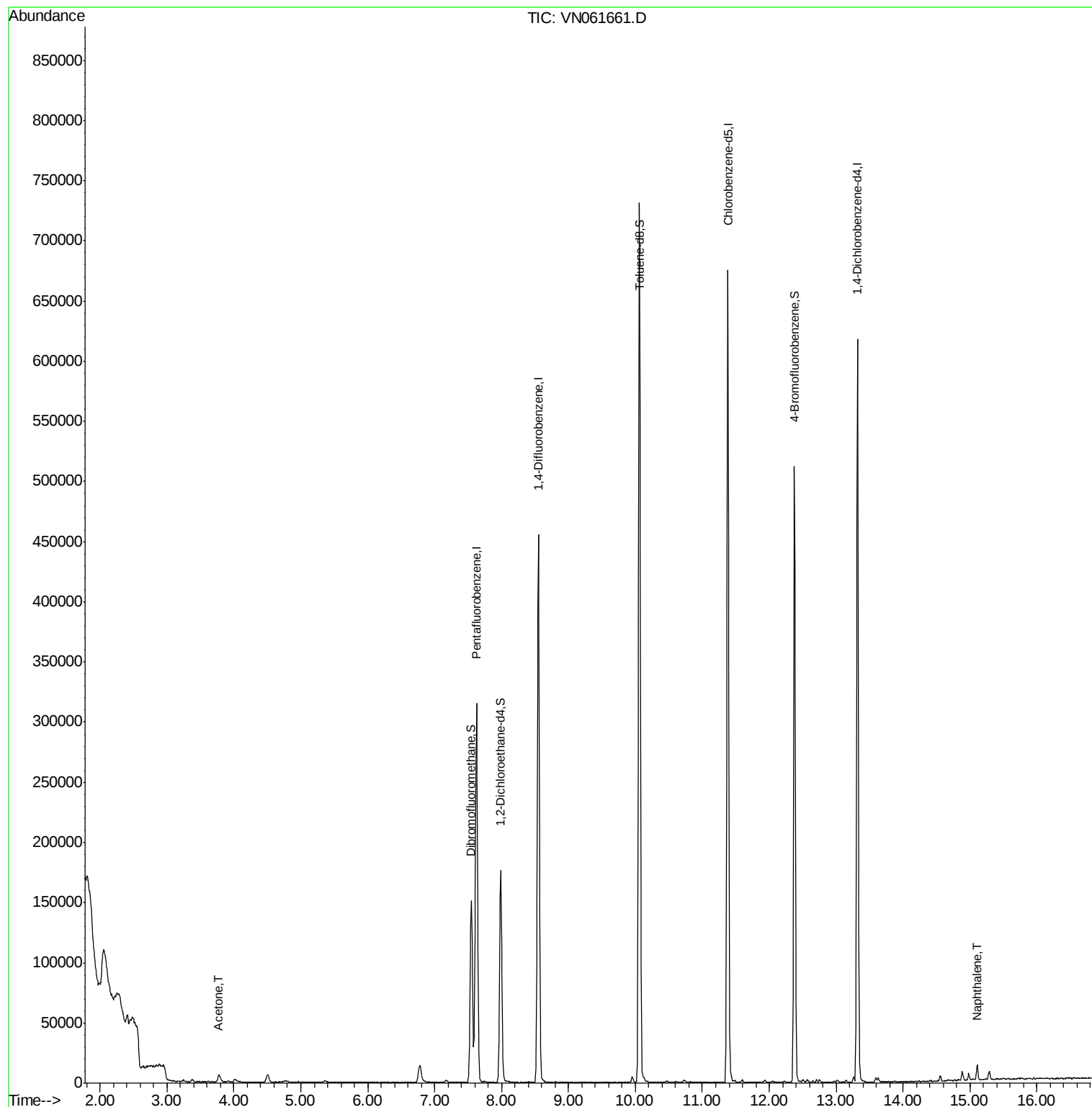
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	149841	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.55	113	117027	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.06	98	530630	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.38	95	180753	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
16) Acetone	3.78	43	9926	5.150	ug/l	94
95) Naphthalene	15.11	128	11111	1.114	ug/l	98

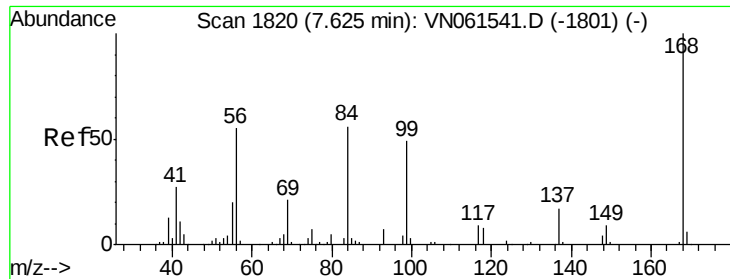
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061661.D

Acq: 5 Jun 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

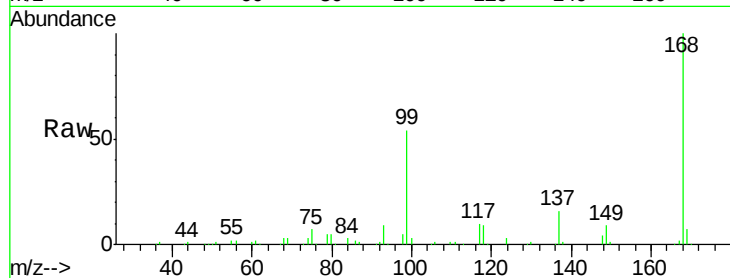
EB6420

Tot Ion:168 Resp: 269340

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

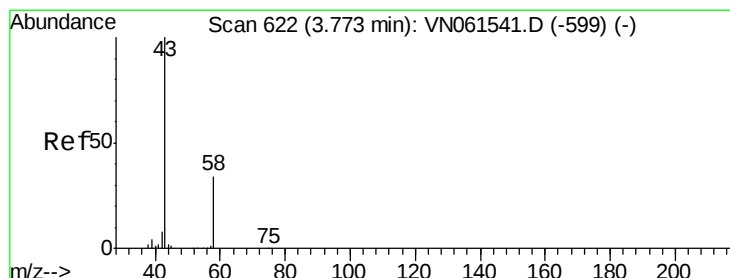
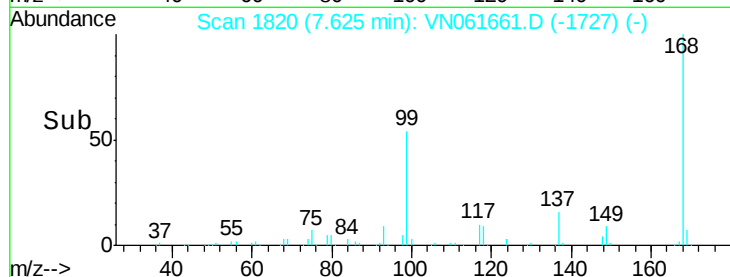
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 5.150 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061661.D

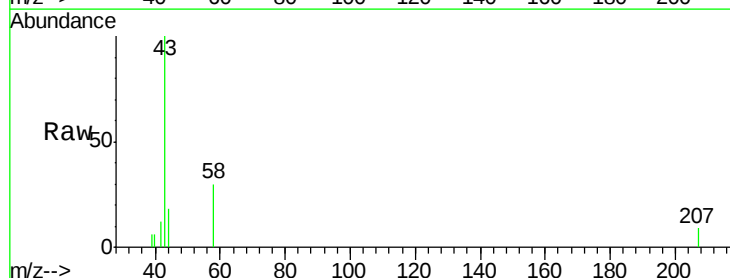
Acq: 5 Jun 2020 12:00

Tgt Ion: 43 Resp: 9926

Ion Ratio Lower Upper

43 100

58 30.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

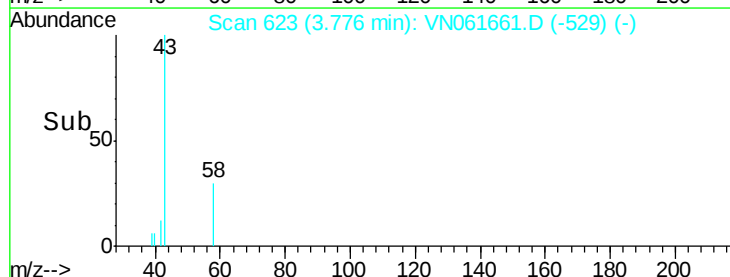
3000

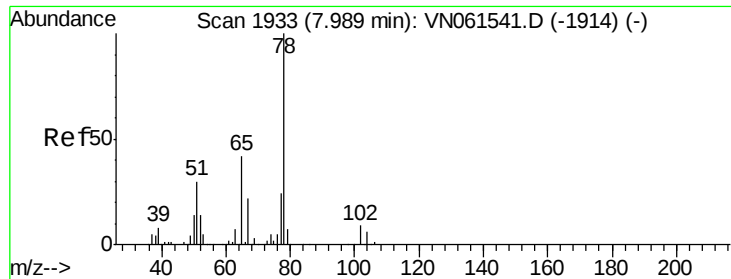
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

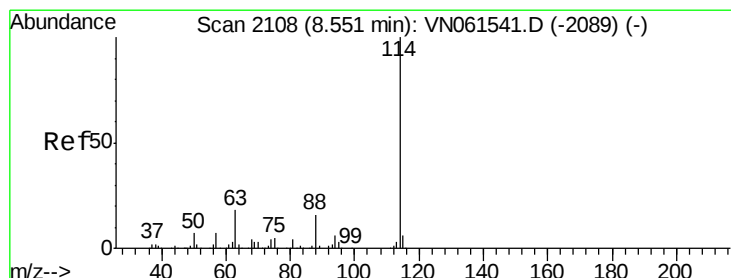
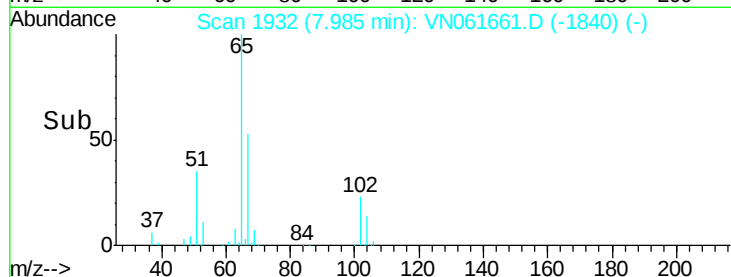
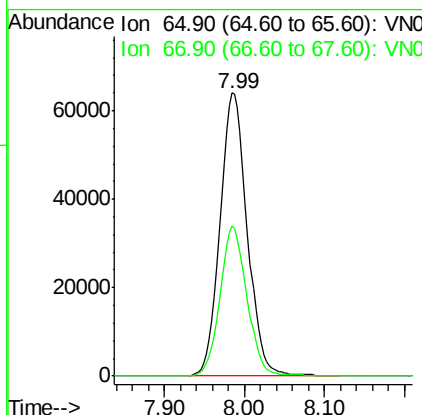
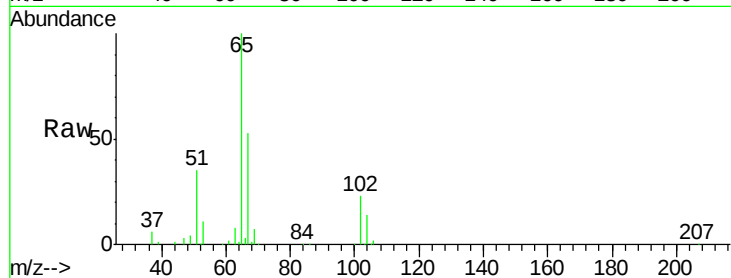




#33
 1,2-Dichloroethane-d4
 Concen: 46.694 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061661.D
 Acq: 5 Jun 2020 12:00

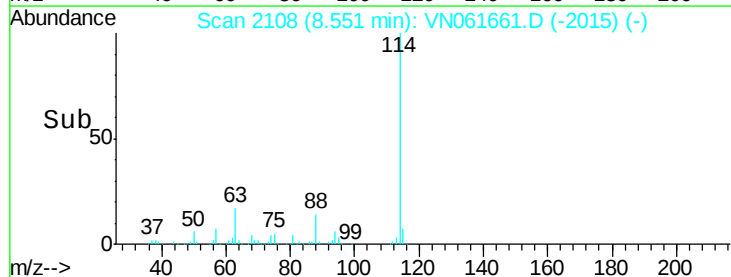
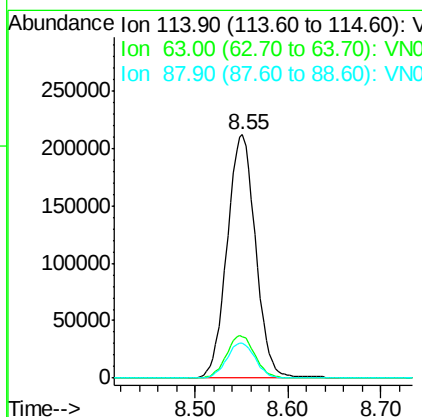
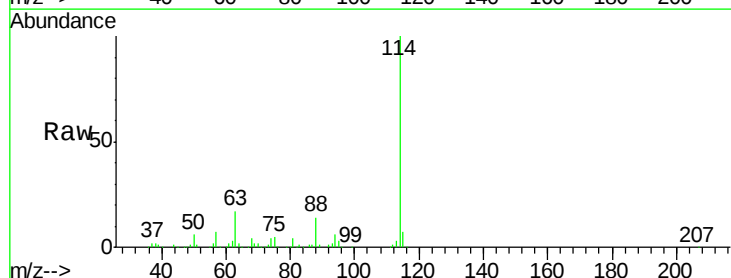
Instrument :
 MSVOA_N
 ClientSampleId :
 EB6420

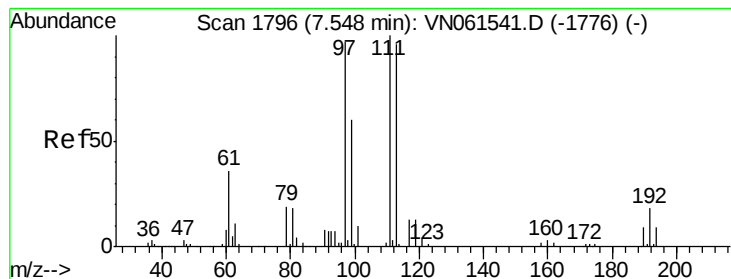
Tot Ion: 65 Resp: 149841
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061661.D
 Acq: 5 Jun 2020 12:00

Tgt Ion: 114 Resp: 451189
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.130 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061661.D

Acq: 5 Jun 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

EB6420

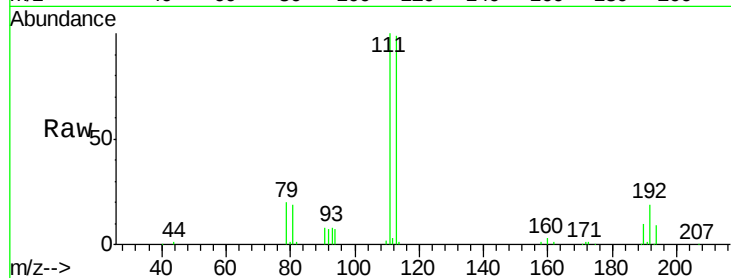
Tot Ion:113 Resp: 117027

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

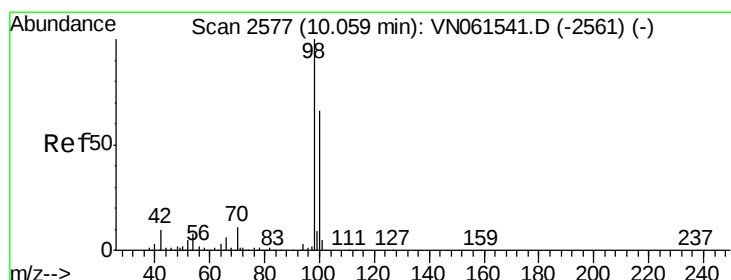
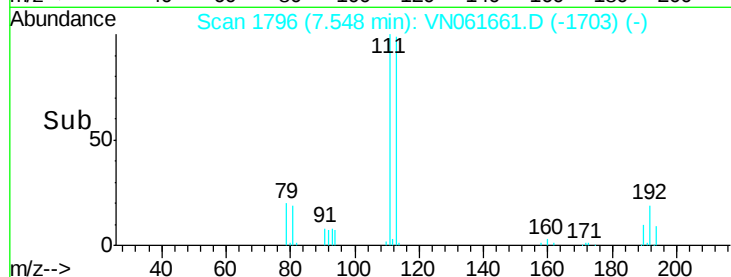
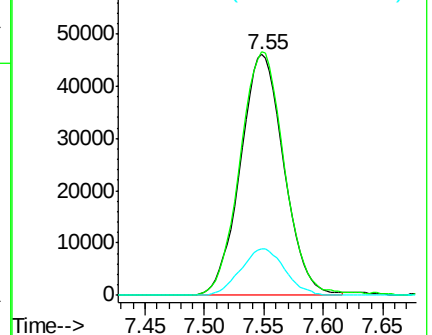
192 19.6 15.4 23.2



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



#50

Toluene-d8

Concen: 50.028 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061661.D

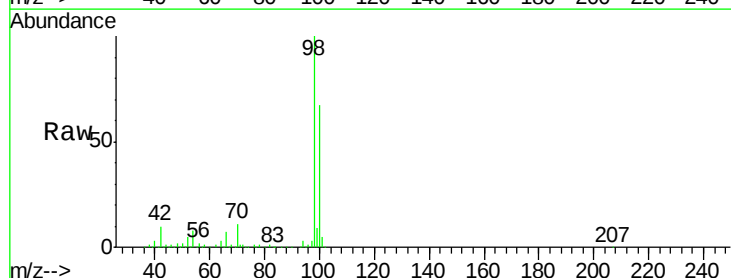
Acq: 5 Jun 2020 12:00

Tgt Ion: 98 Resp: 530630

Ion Ratio Lower Upper

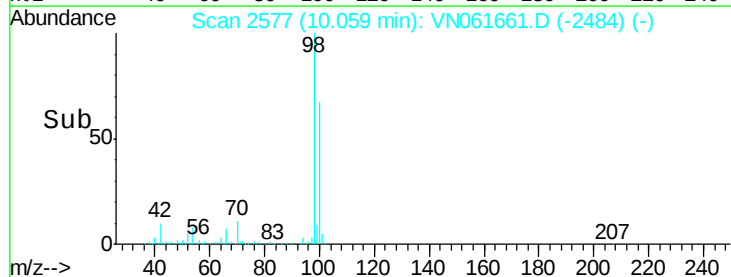
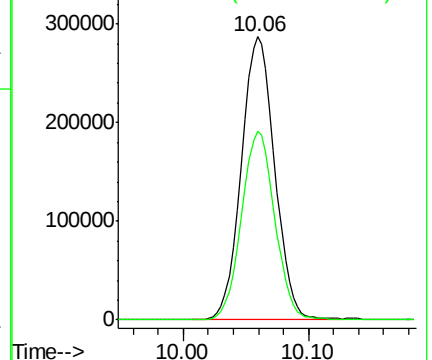
98 100

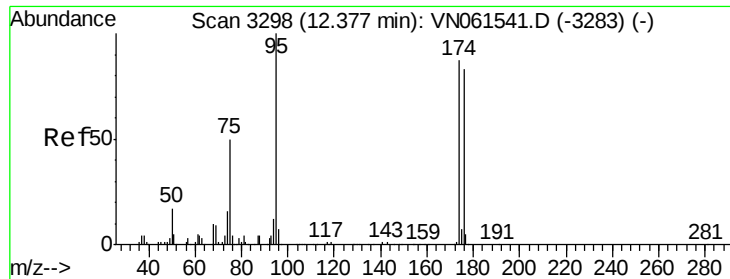
100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

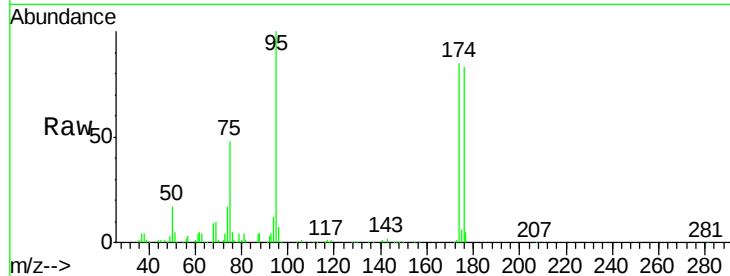




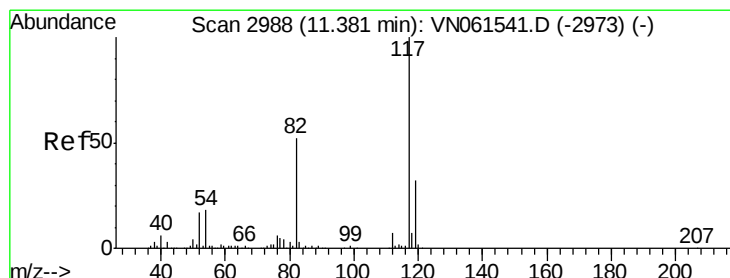
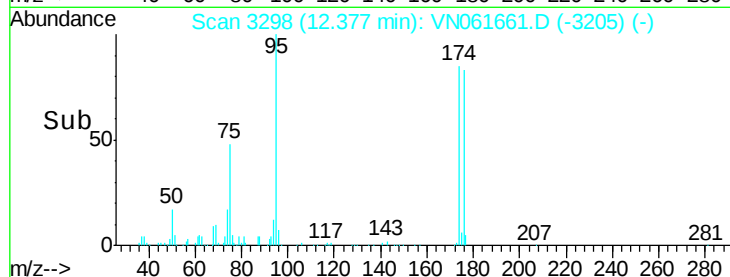
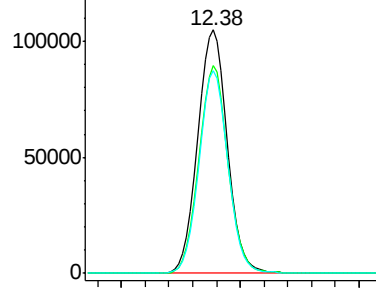
#62
4-Bromofluorobenzene
Concen: 46.710 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
EB6420

Tot Ion: 95 Resp: 180753
Ion Ratio Lower Upper
95 100
174 84.1 0.0 172.8
176 81.6 0.0 164.8

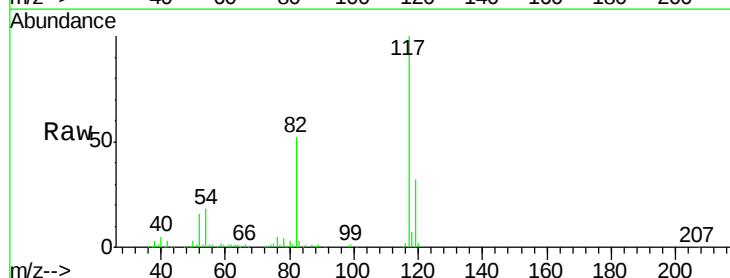


Abundance Ion 94.90 (94.60 to 95.60): VN061661.D (-3205) (-)
Ion 173.80 (173.50 to 174.50): VN061661.D (-3205) (-)
Ion 175.80 (175.50 to 176.50): VN061661.D (-3205) (-)

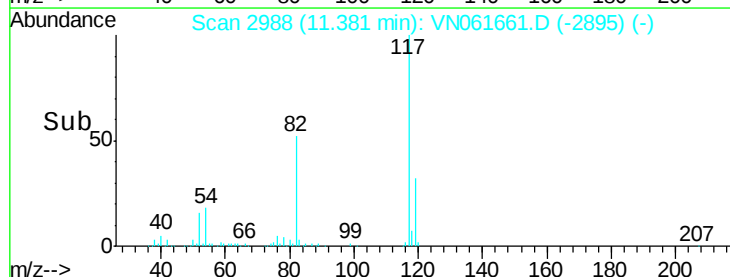
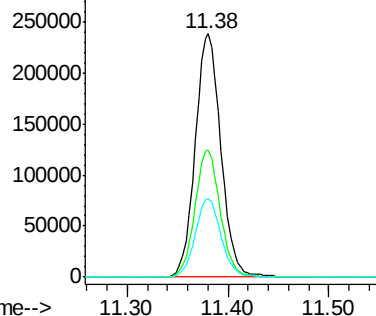


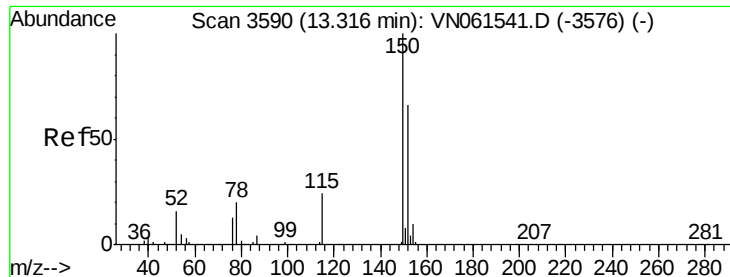
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 117 Resp: 423588
Ion Ratio Lower Upper
117 100
82 52.0 41.5 62.3
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN061661.D (-2895) (-)
Ion 82.00 (81.70 to 82.70): VN061661.D (-2895) (-)
Ion 118.90 (118.60 to 119.60): VN061661.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: VN061661.D

Acq: 5 Jun 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

EB6420

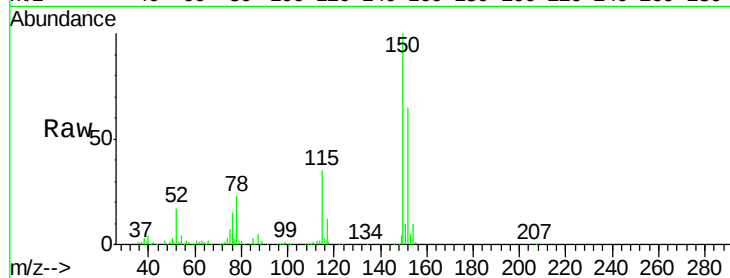
Tot Ion:152 Resp: 177787

Ion Ratio Lower Upper

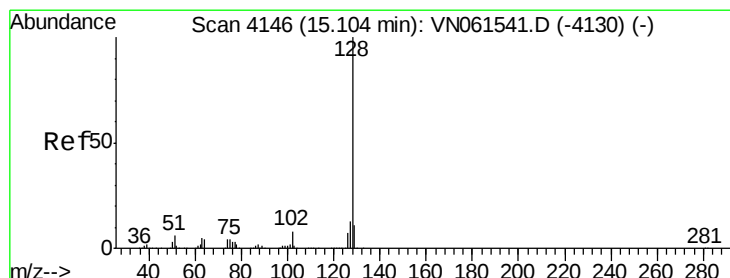
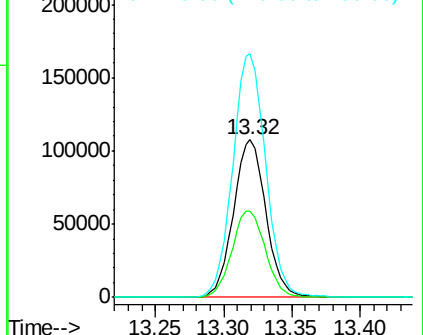
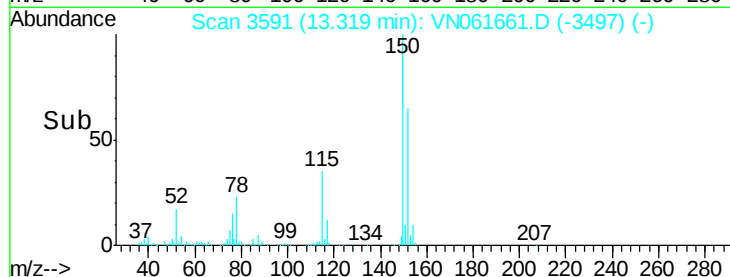
152 100

115 56.8 28.0 84.0

150 156.9 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



#95

Naphthalene

Concen: 1.114 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061661.D

Acq: 5 Jun 2020 12:00

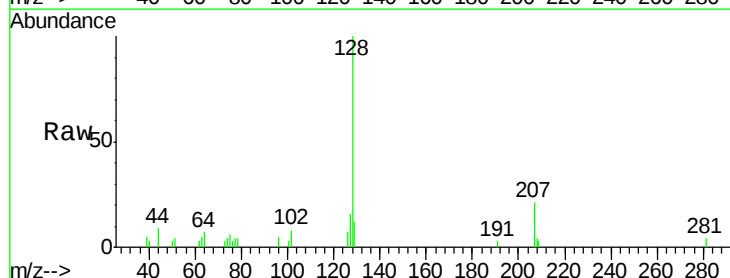
Tgt Ion:128 Resp: 11111

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 10.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

