

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061241.D
 Acq On : 1 May 2020 19:23
 Operator : JC/MD
 Sample : L2467-09 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0548-200428

Quant Time: May 04 04:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

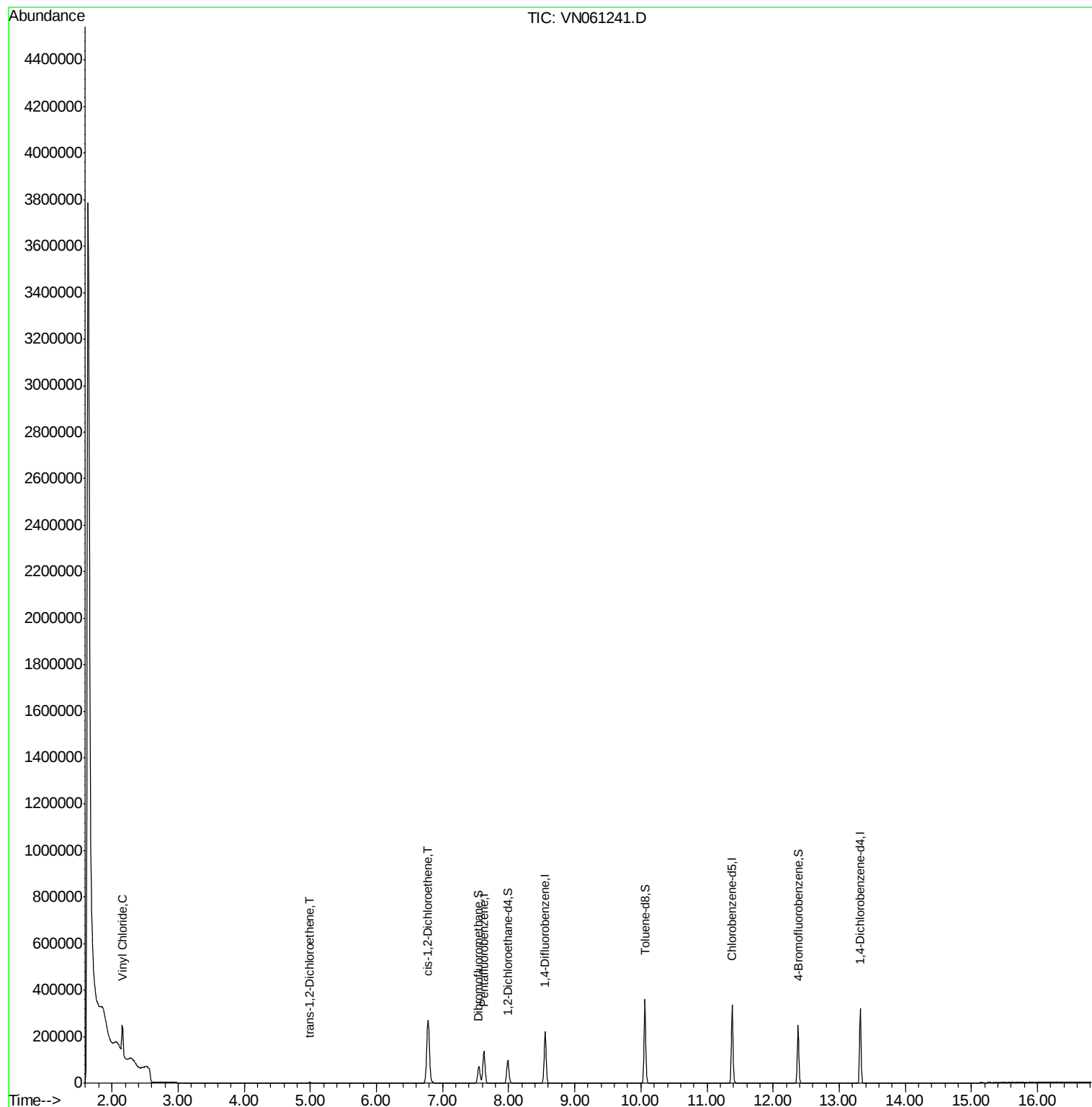
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82080	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	7.55	113	54964	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.06	98	234210	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.38	95	85244	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
Target Compounds						
4) Vinyl Chloride	2.16	62	111519	72.285	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	1634	1.345	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	173728	121.836	ug/l	89

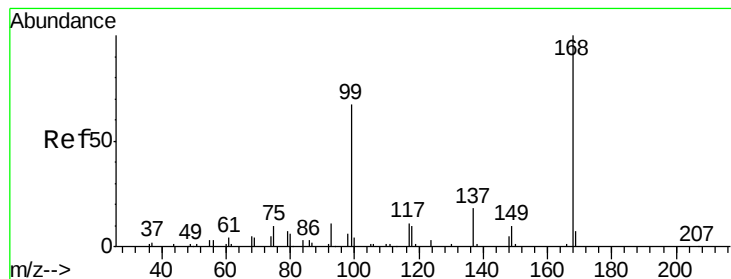
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
Data File : VN061241.D
Acq On : 1 May 2020 19:23
Operator : JC/MD
Sample : L2467-09 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Z3-DUP-0548-200428

Quant Time: May 04 04:44:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

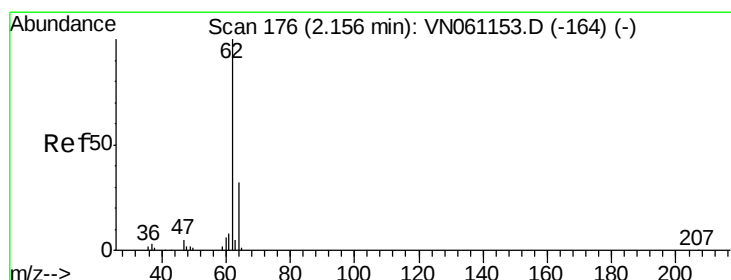
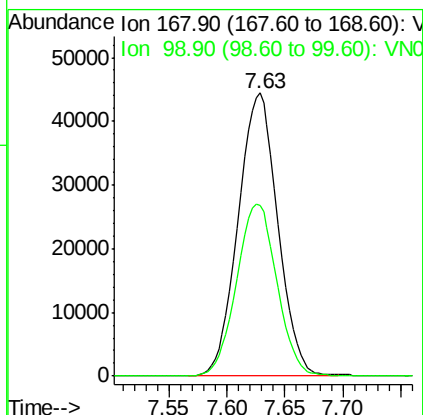
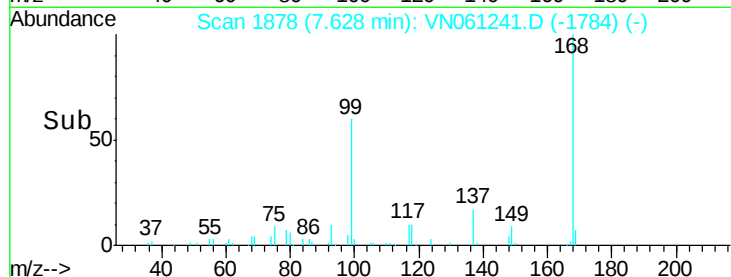
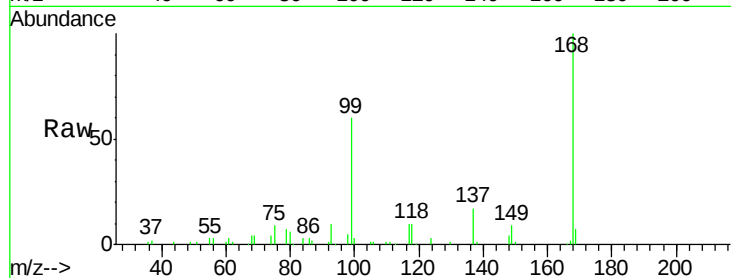
Z3-DUP-0548-200428

Tot Ion:168 Resp: 105762

Ion Ratio Lower Upper

168 100

99 60.5 51.2 76.8



#4

Vinyl Chloride

Concen: 72.285 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061241.D

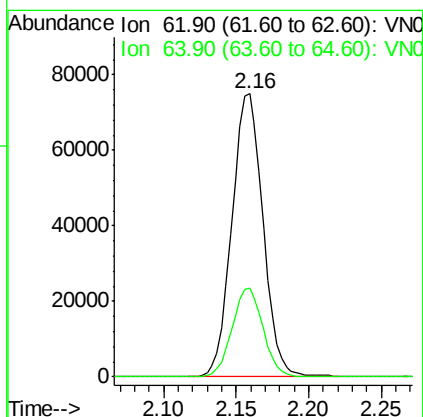
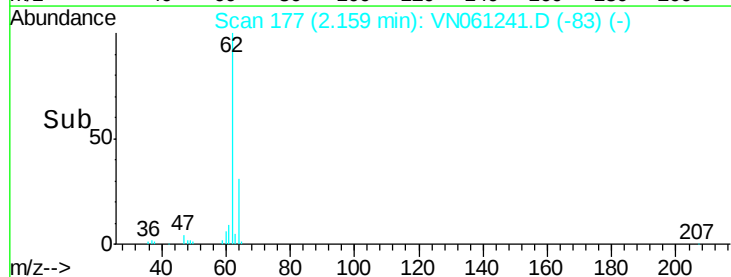
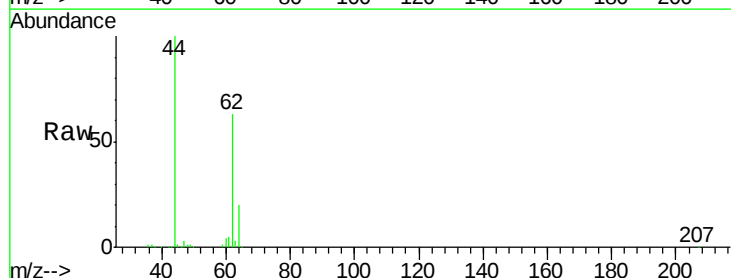
Acq: 1 May 2020 19:23

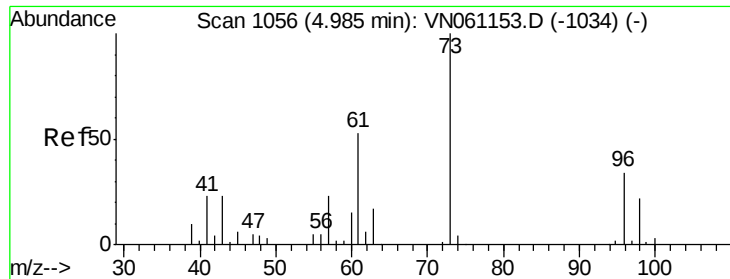
Tgt Ion: 62 Resp: 111519

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#21

trans-1,2-Dichloroethene

Concen: 1.345 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

Z3-DUP-0548-200428

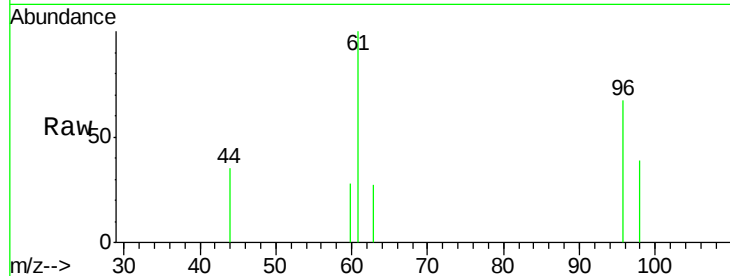
Tot Ion: 96 Resp: 1634

Ion Ratio Lower Upper

96 100

61 122.4 123.0 184.4#

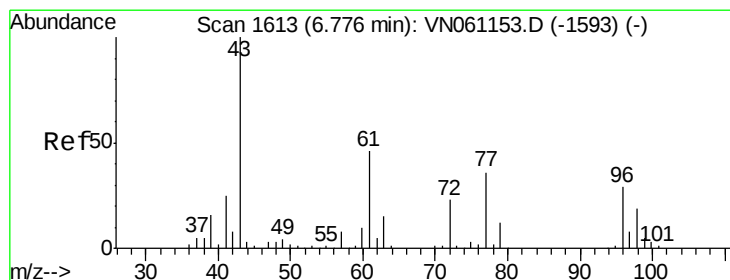
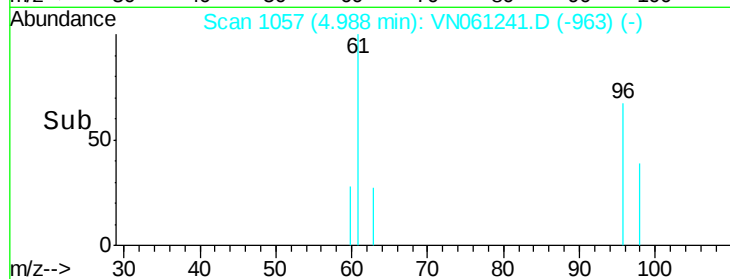
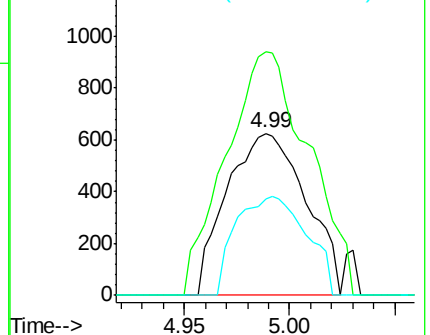
98 59.1 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1034) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1034) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1034) (-)



#27

cis-1,2-Dichloroethene

Concen: 121.836 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

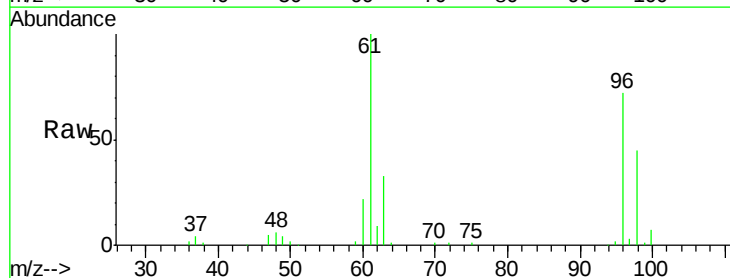
Tgt Ion: 96 Resp: 173728

Ion Ratio Lower Upper

96 100

61 142.0 0.0 322.0

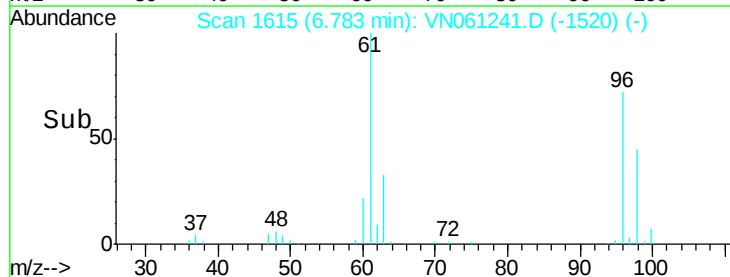
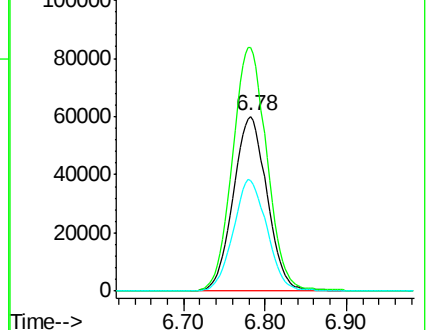
98 63.5 0.0 129.6

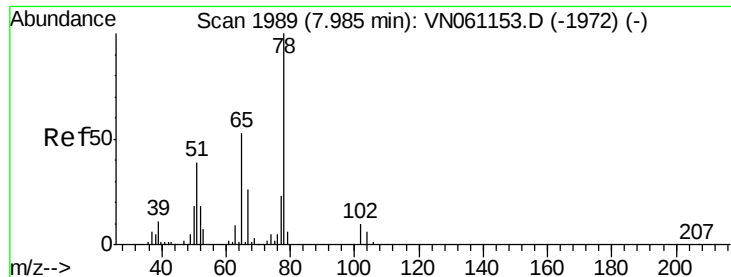


Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.047 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

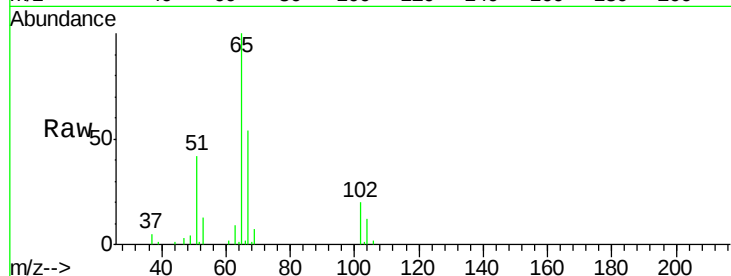
Z3-DUP-0548-200428

Tot Ion: 65 Resp: 82080

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.99

40000

30000

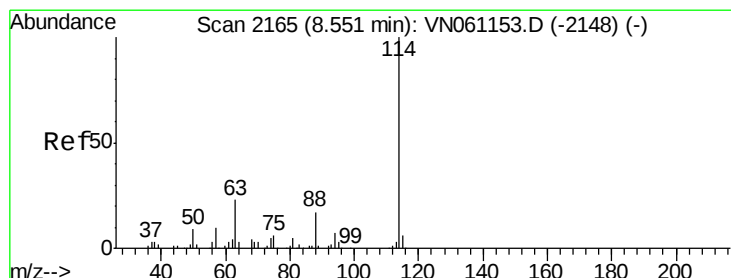
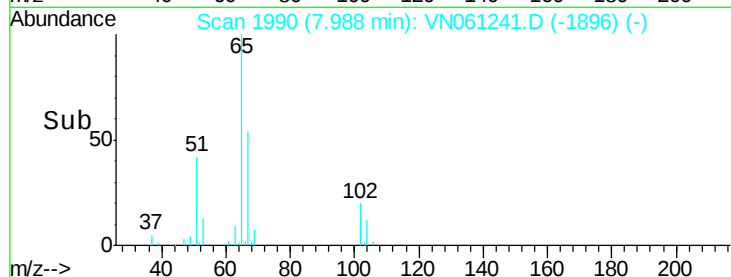
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

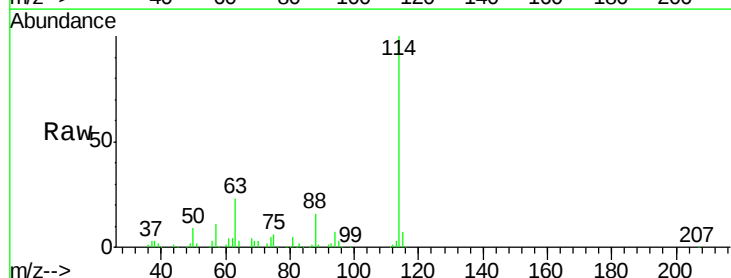
Tgt Ion: 114 Resp: 185941

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.6

88 16.3 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

120000

100000

80000

60000

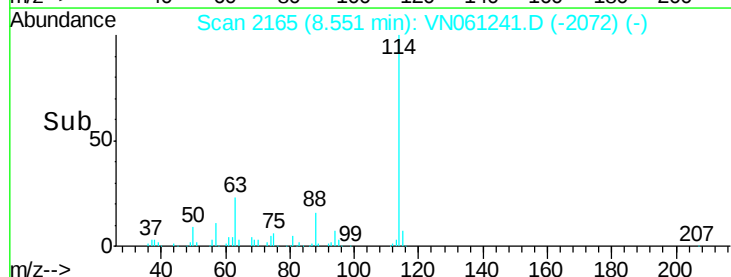
40000

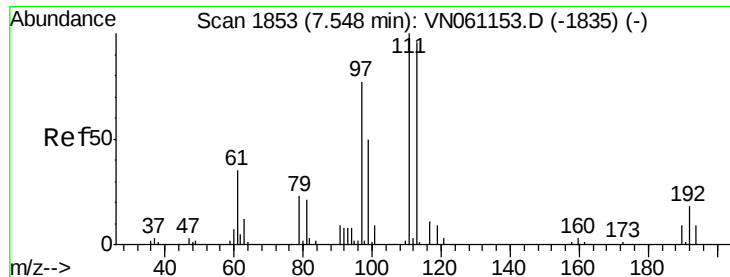
20000

0

Time-->

8.50 8.55 8.60 8.70

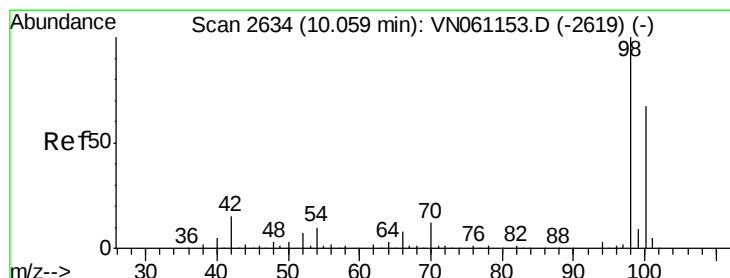
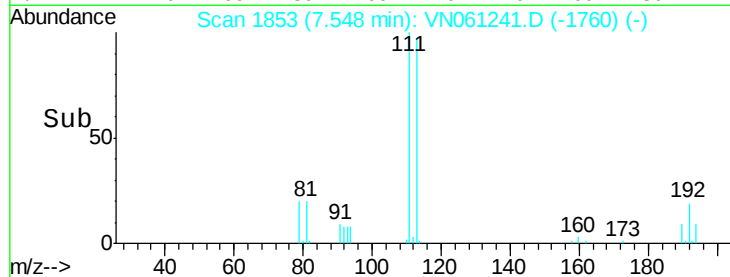
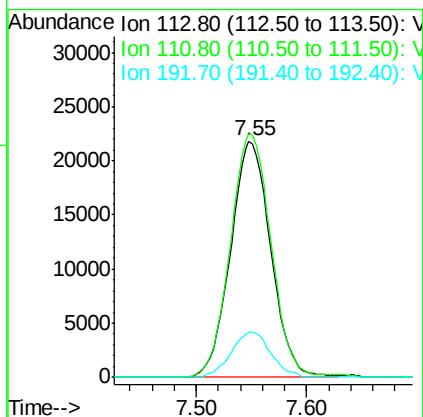
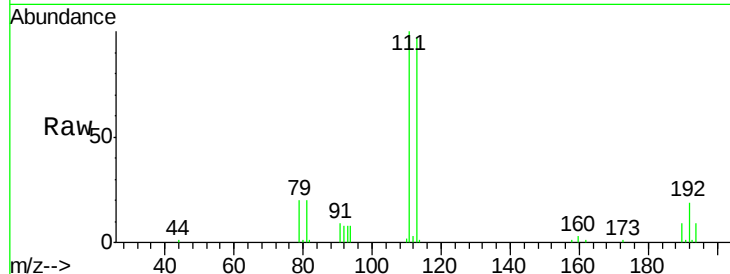




#35
 Dibromofluoromethane
 Concen: 49.989 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN061241.D
 Acq: 1 May 2020 19:23

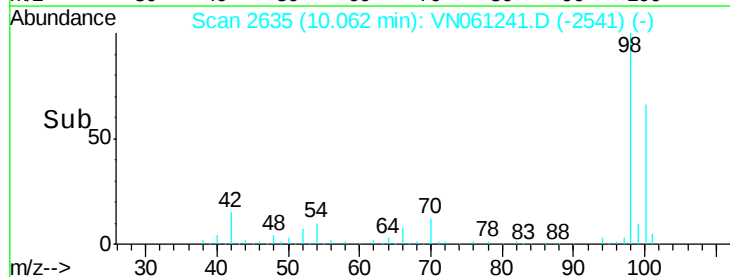
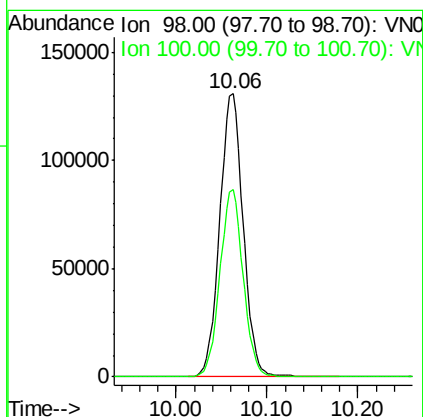
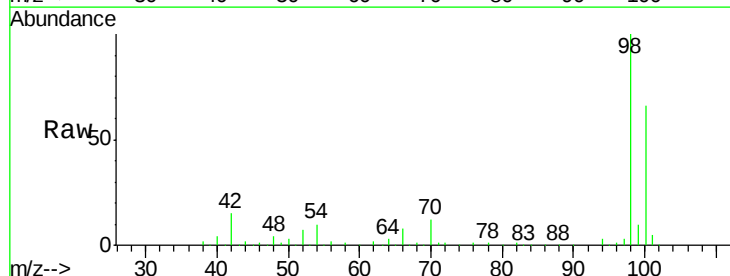
Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0548-200428

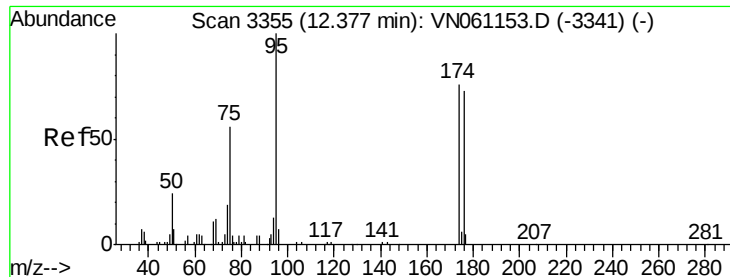
Tot Ion:113 Resp: 54964
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.9 124.3
 192 18.8 14.7 22.1



#50
 Toluene-d8
 Concen: 52.253 ug/l
 RT: 10.06 min Scan# 2635
 Delta R.T. 0.00 min
 Lab File: VN061241.D
 Acq: 1 May 2020 19:23

Tgt Ion: 98 Resp: 234210
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 50.538 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

Z3-DUP-0548-200428

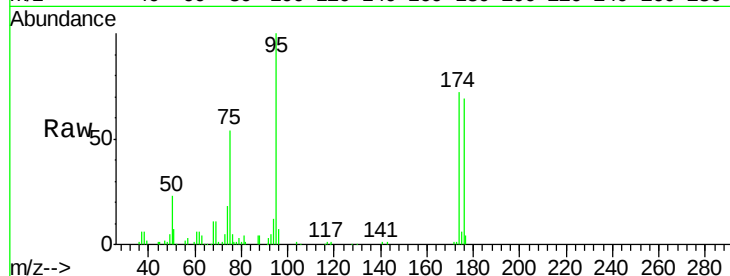
Tot Ion: 95 Resp: 85244

Ion Ratio Lower Upper

95 100

174 74.2 0.0 149.4

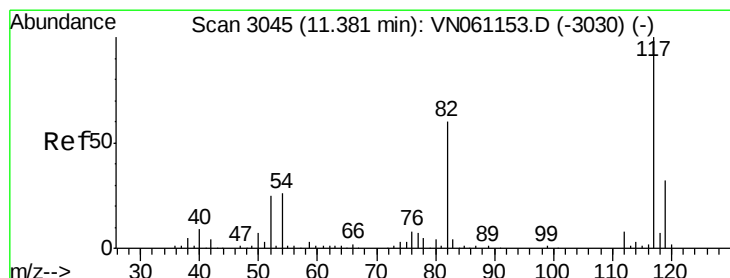
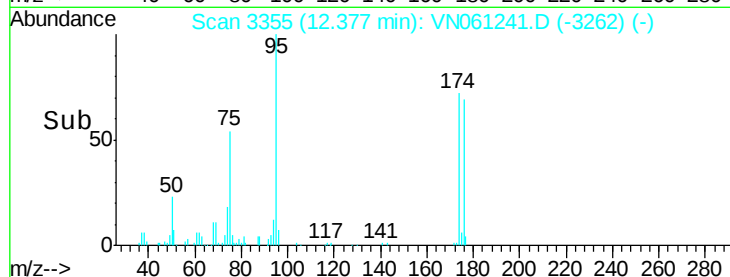
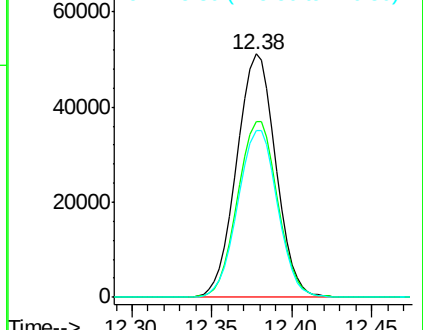
176 70.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. -0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

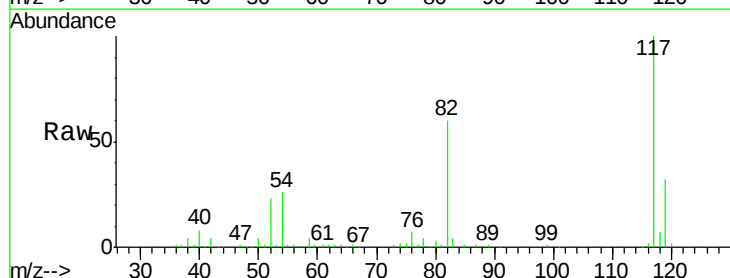
Tgt Ion: 117 Resp: 180660

Ion Ratio Lower Upper

117 100

82 59.6 47.8 71.8

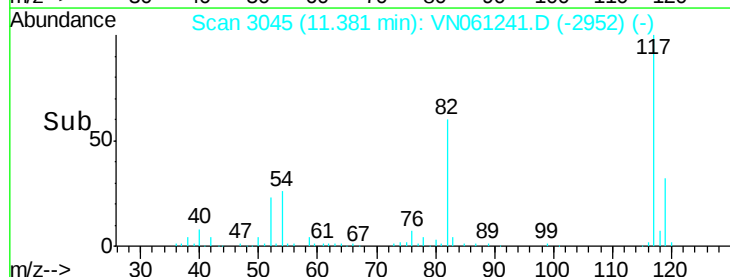
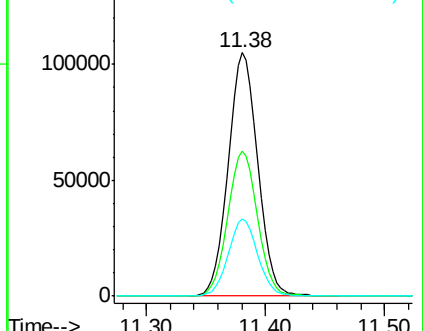
119 31.7 25.8 38.6

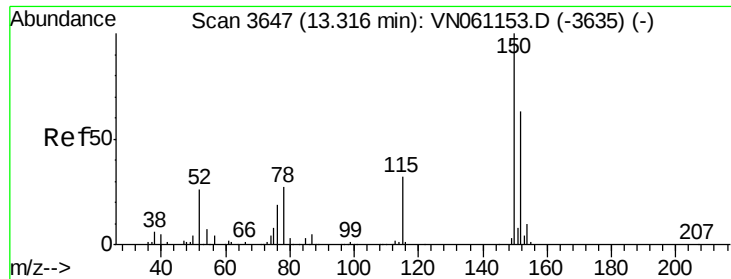


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

Z3-DUP-0548-200428

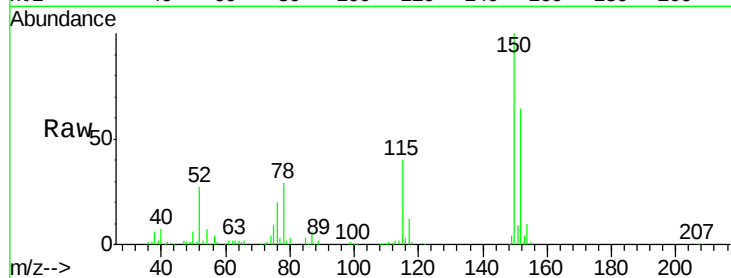
Tot Ion:152 Resp: 79857

Ion Ratio Lower Upper

152 100

115 61.7 31.0 93.0

150 156.5 0.0 351.8



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

