

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061240.D
 Acq On : 1 May 2020 19:00
 Operator : JC/MD
 Sample : L2467-06 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW320-200428

Quant Time: May 04 04:32:35 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

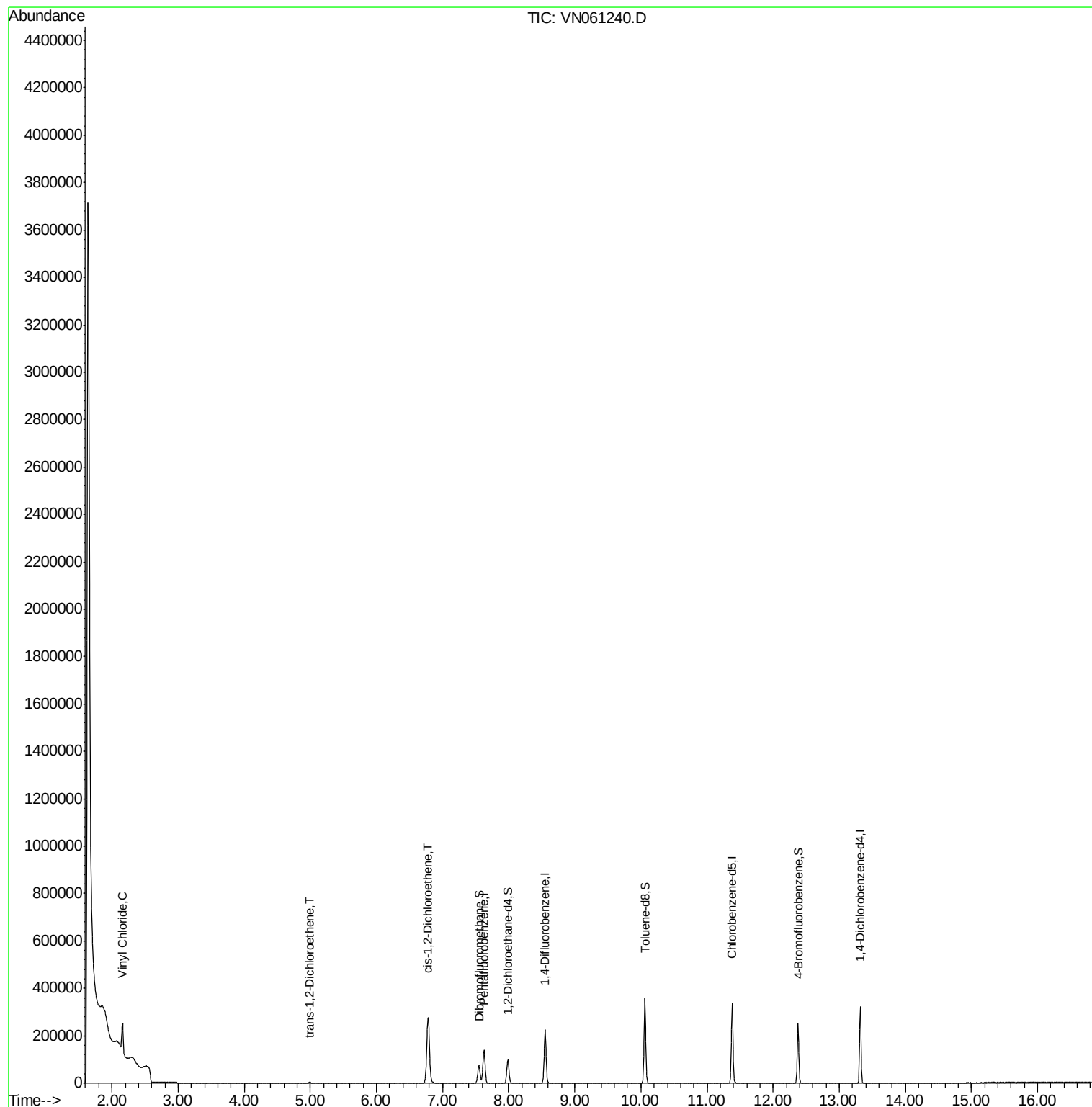
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	107270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	188532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	182446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84850	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.55	113	55564	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.06	98	235541	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.38	95	85608	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
4) Vinyl Chloride	2.16	62	110267	70.469	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	1739	1.411	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	177127	122.473	ug/l	89

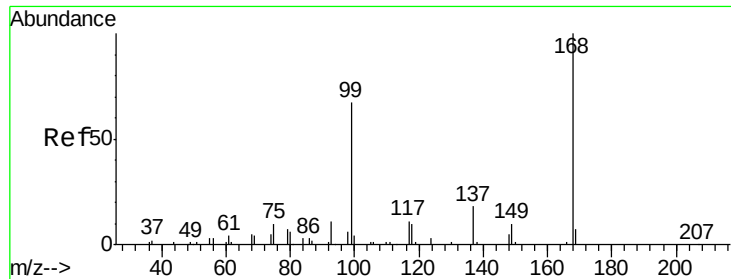
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061240.D

Acq: 1 May 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

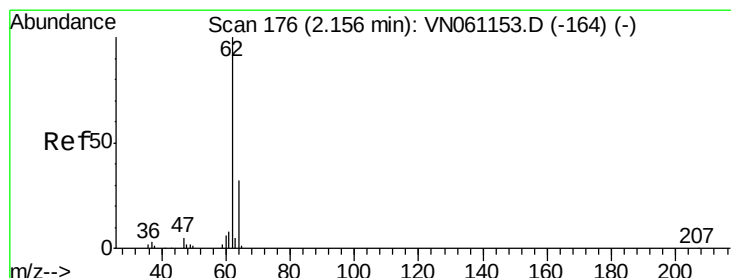
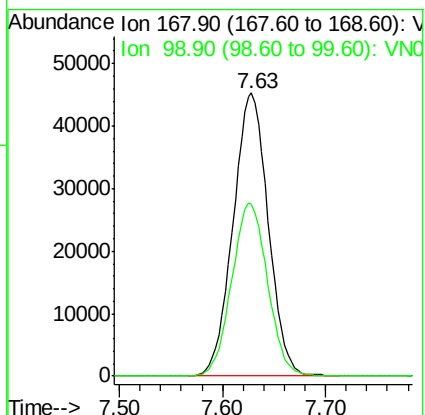
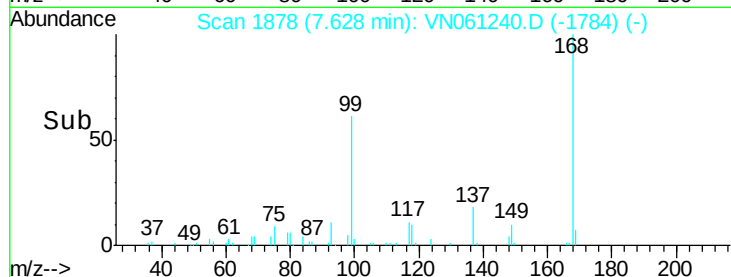
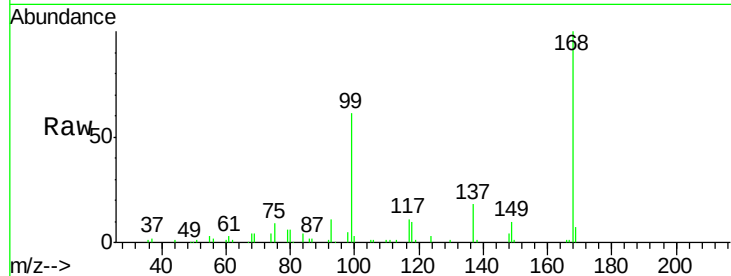
SS040MW320-200428

Tot Ion:168 Resp: 107270

Ion Ratio Lower Upper

168 100

99 60.6 51.2 76.8



#4

Vinyl Chloride

Concen: 70.469 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061240.D

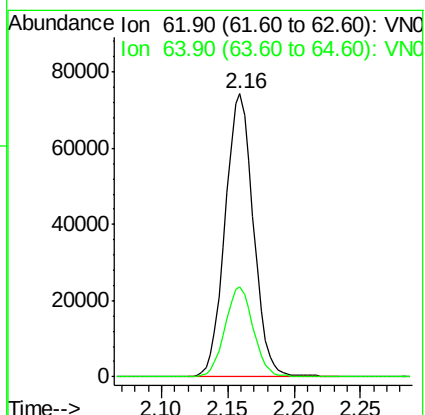
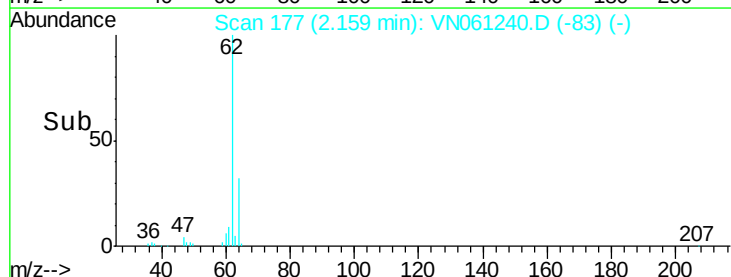
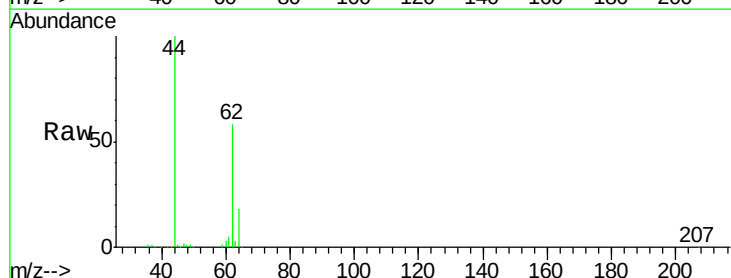
Acq: 1 May 2020 19:00

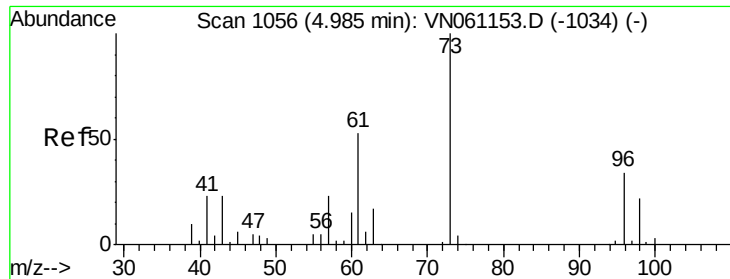
Tgt Ion: 62 Resp: 110267

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8



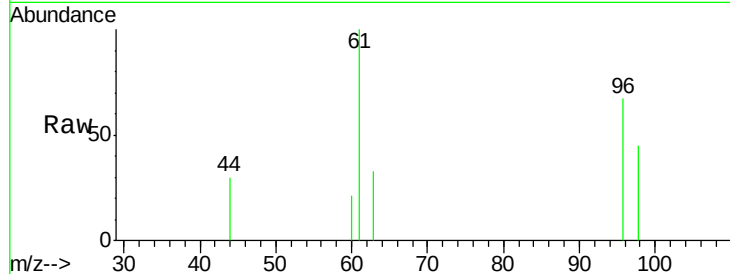


#21

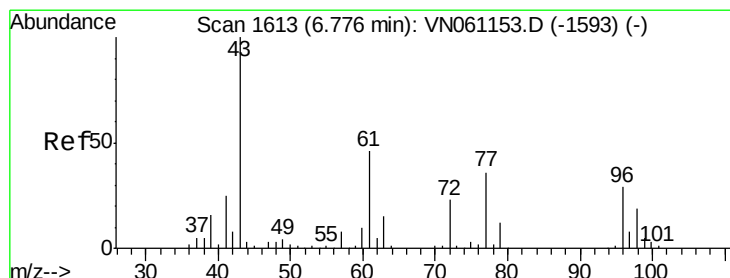
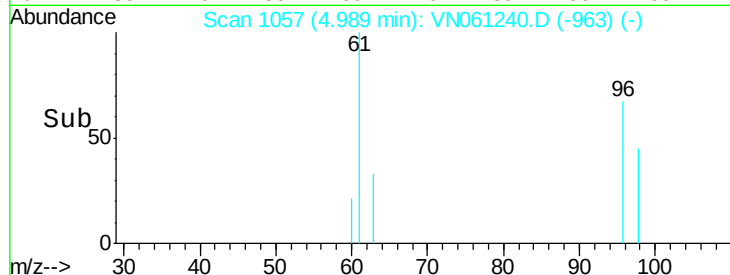
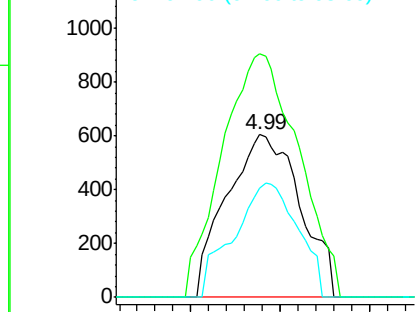
trans-1,2-Dichloroethene
Concen: 1.411 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061240.D
Acq: 1 May 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
SS040MW320-200428

Tot Ion: 96 Resp: 1739
Ion Ratio Lower Upper
96 100
61 149.8 123.0 184.4
98 67.5 50.1 75.1



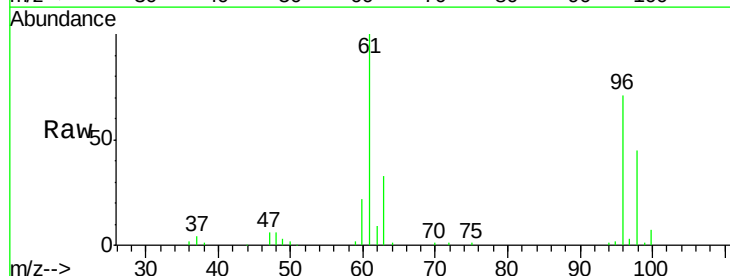
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



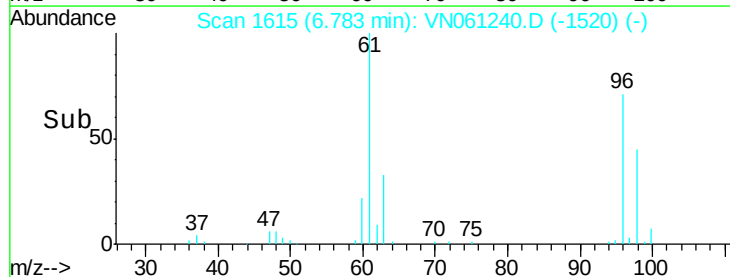
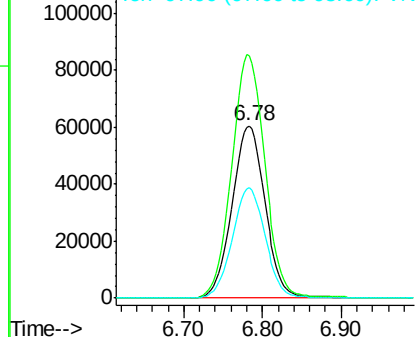
#27

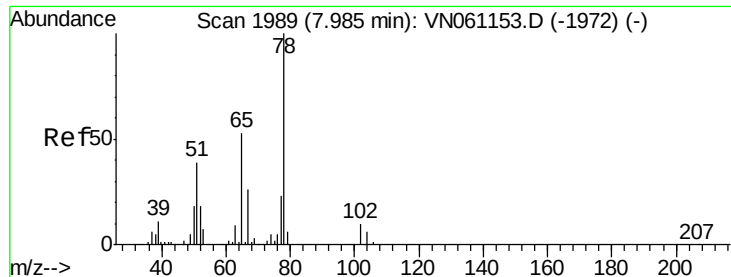
cis-1,2-Dichloroethene
Concen: 122.473 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.01 min
Lab File: VN061240.D
Acq: 1 May 2020 19:00

Tgt Ion: 96 Resp: 177127
Ion Ratio Lower Upper
96 100
61 142.3 0.0 322.0
98 63.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

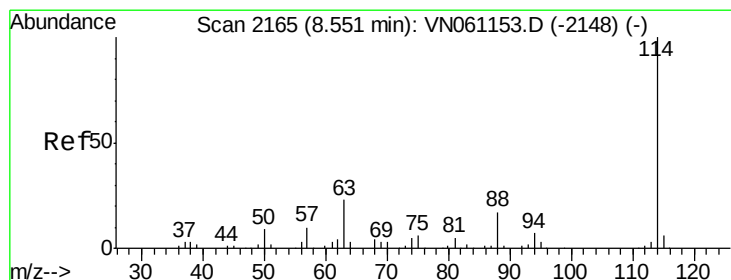
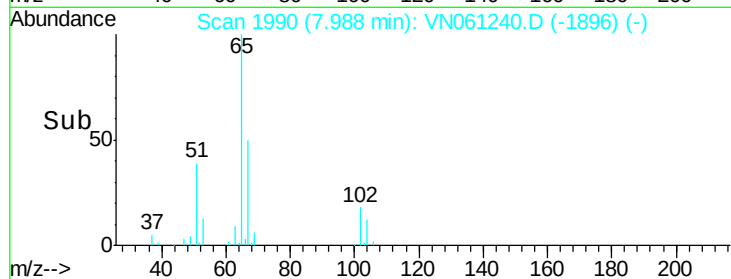
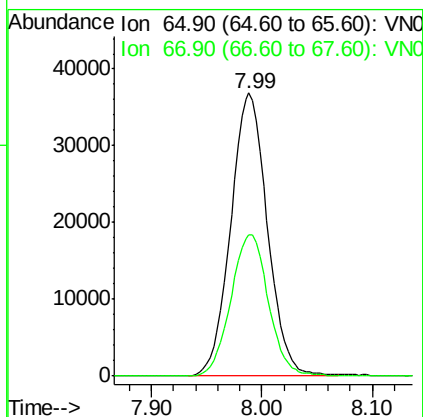
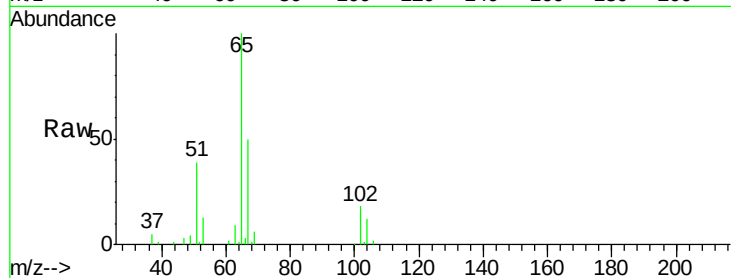




#33
 1,2-Dichloroethane-d4
 Concen: 49.990 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061240.D
 Acq: 1 May 2020 19:00

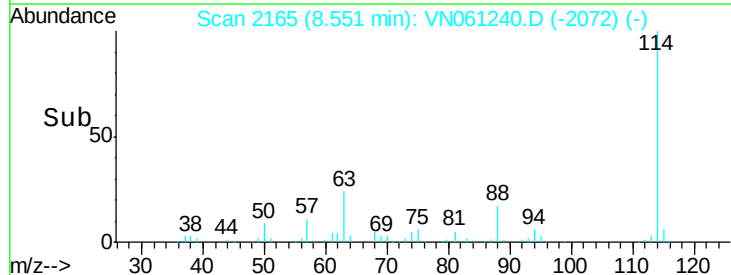
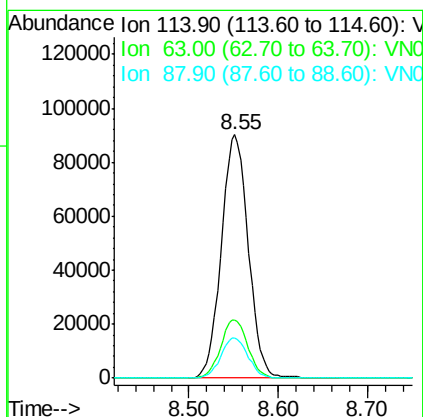
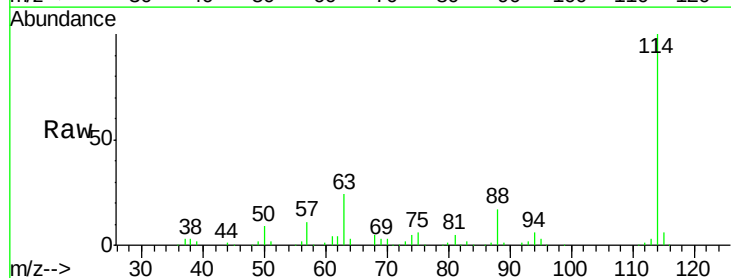
Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW320-200428

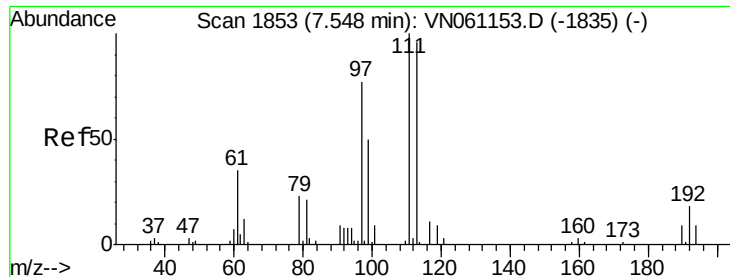
Tot Ion: 65 Resp: 84850
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061240.D
 Acq: 1 May 2020 19:00

Tgt Ion: 114 Resp: 188532
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 16.7 0.0 33.4

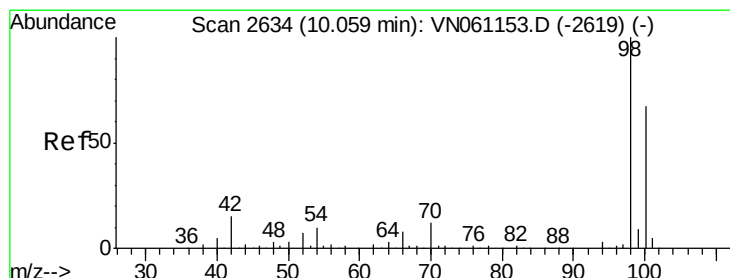
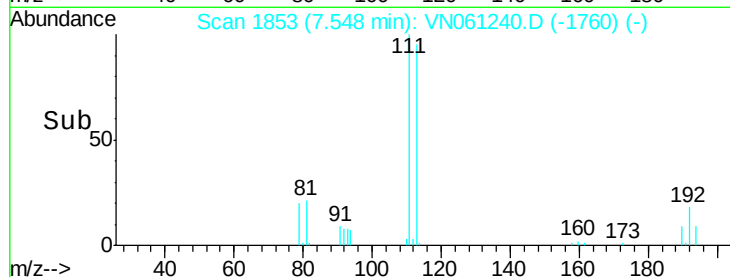
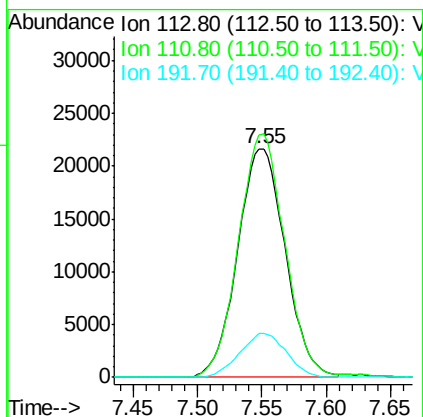
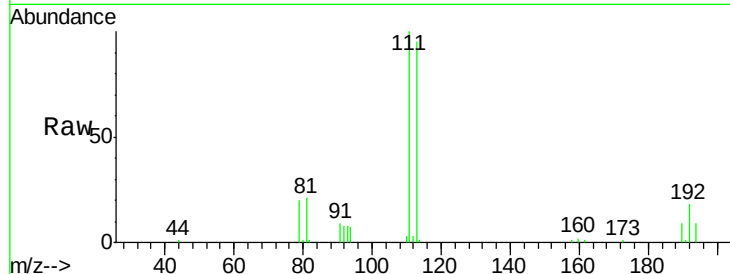




#35
 Dibromofluoromethane
 Concen: 49.841 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061240.D
 Acq: 1 May 2020 19:00

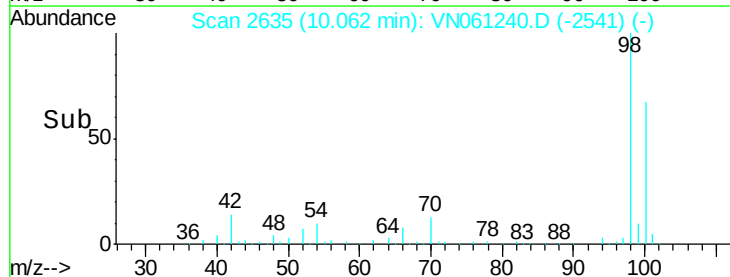
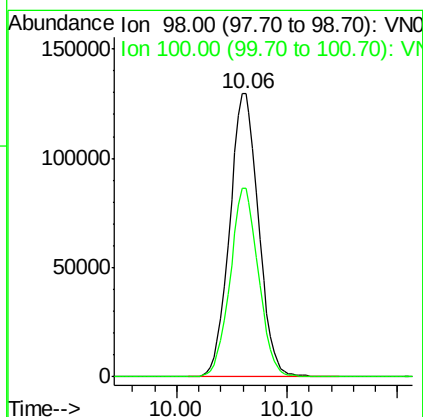
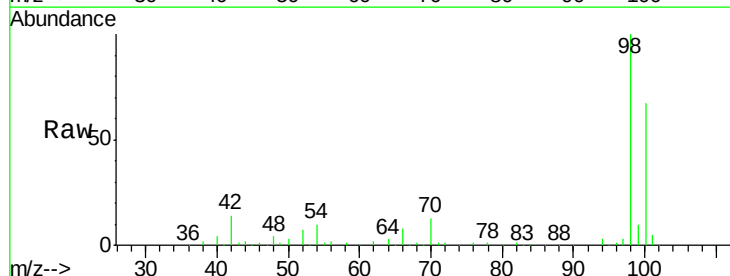
Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW320-200428

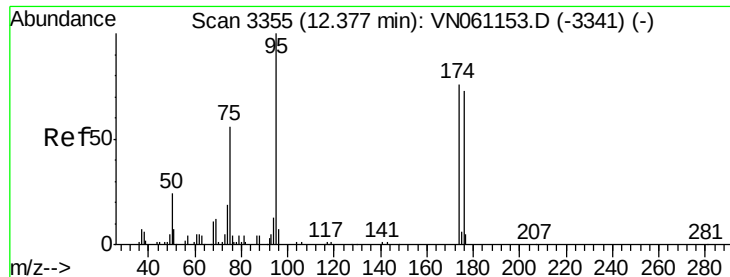
Tot Ion:113 Resp: 55564
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 18.9 14.7 22.1



#50
 Toluene-d8
 Concen: 51.828 ug/l
 RT: 10.06 min Scan# 2635
 Delta R.T. 0.00 min
 Lab File: VN061240.D
 Acq: 1 May 2020 19:00

Tgt Ion: 98 Resp: 235541
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 50.057 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061240.D

Acq: 1 May 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

SS040MW320-200428

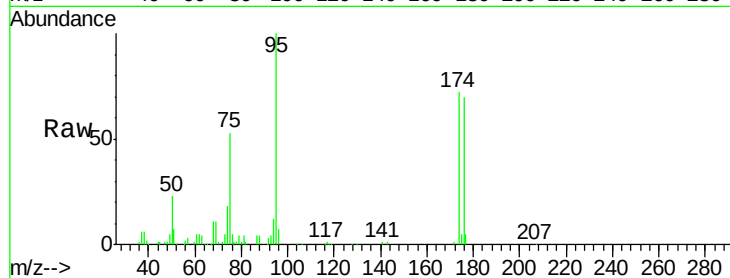
Tot Ion: 95 Resp: 85608

Ion Ratio Lower Upper

95 100

174 73.6 0.0 149.4

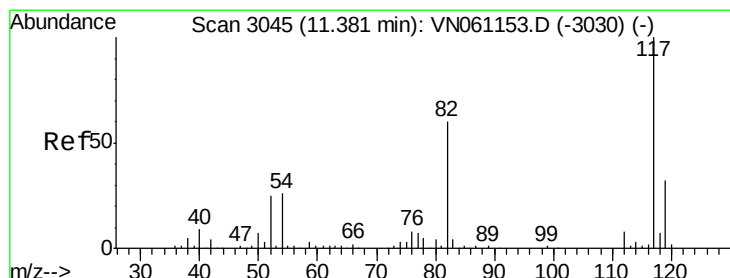
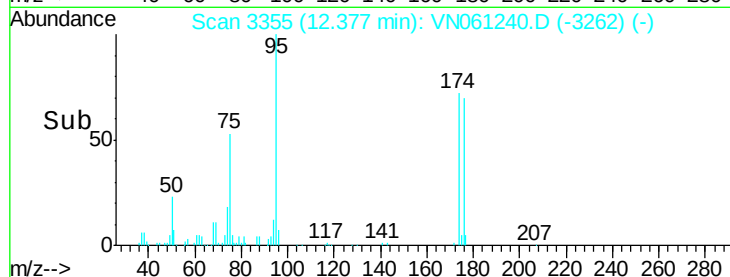
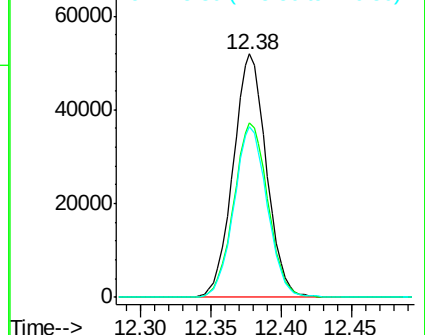
176 70.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061240.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061240.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061240.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061240.D

Acq: 1 May 2020 19:00

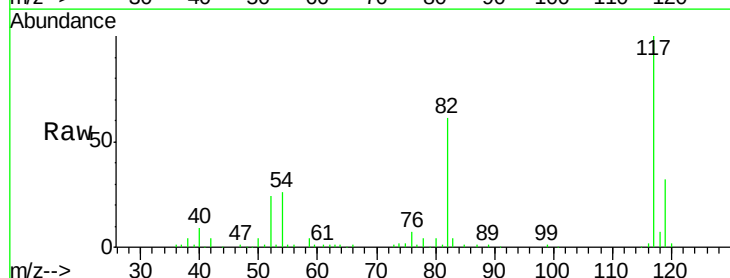
Tgt Ion: 117 Resp: 182446

Ion Ratio Lower Upper

117 100

82 61.1 47.8 71.8

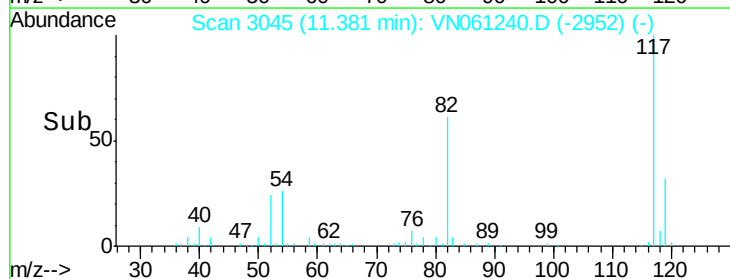
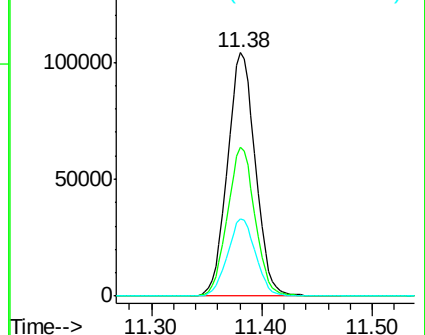
119 31.9 25.8 38.6

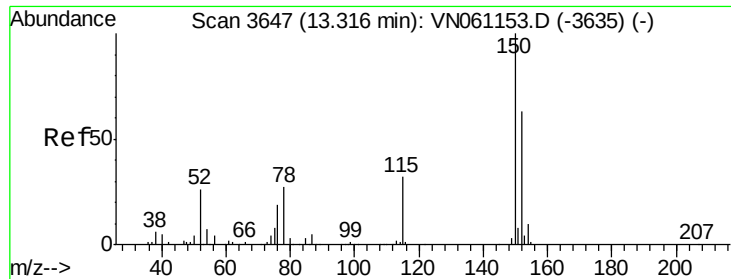


Abundance Ion 116.90 (116.60 to 117.60): VN061240.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061240.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061240.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061240.D

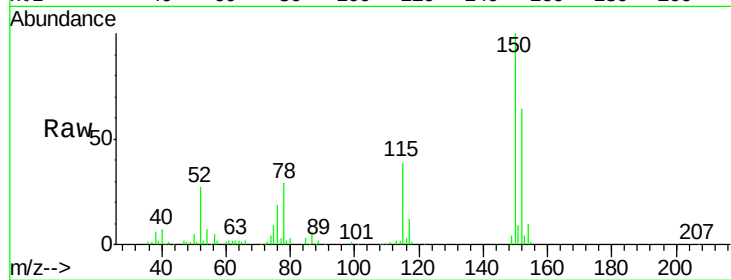
Acq: 1 May 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

SS040MW320-200428



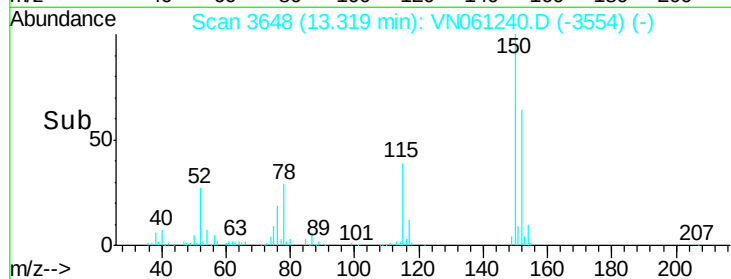
Tot Ion:152 Resp: 80549

Ion Ratio Lower Upper

152 100

115 62.0 31.0 93.0

150 157.0 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

