

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061263.D
 Acq On : 2 May 2020 9:18
 Operator : JC/MD
 Sample : L2467-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040RW056-200429

Quant Time: May 04 08:37:29 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

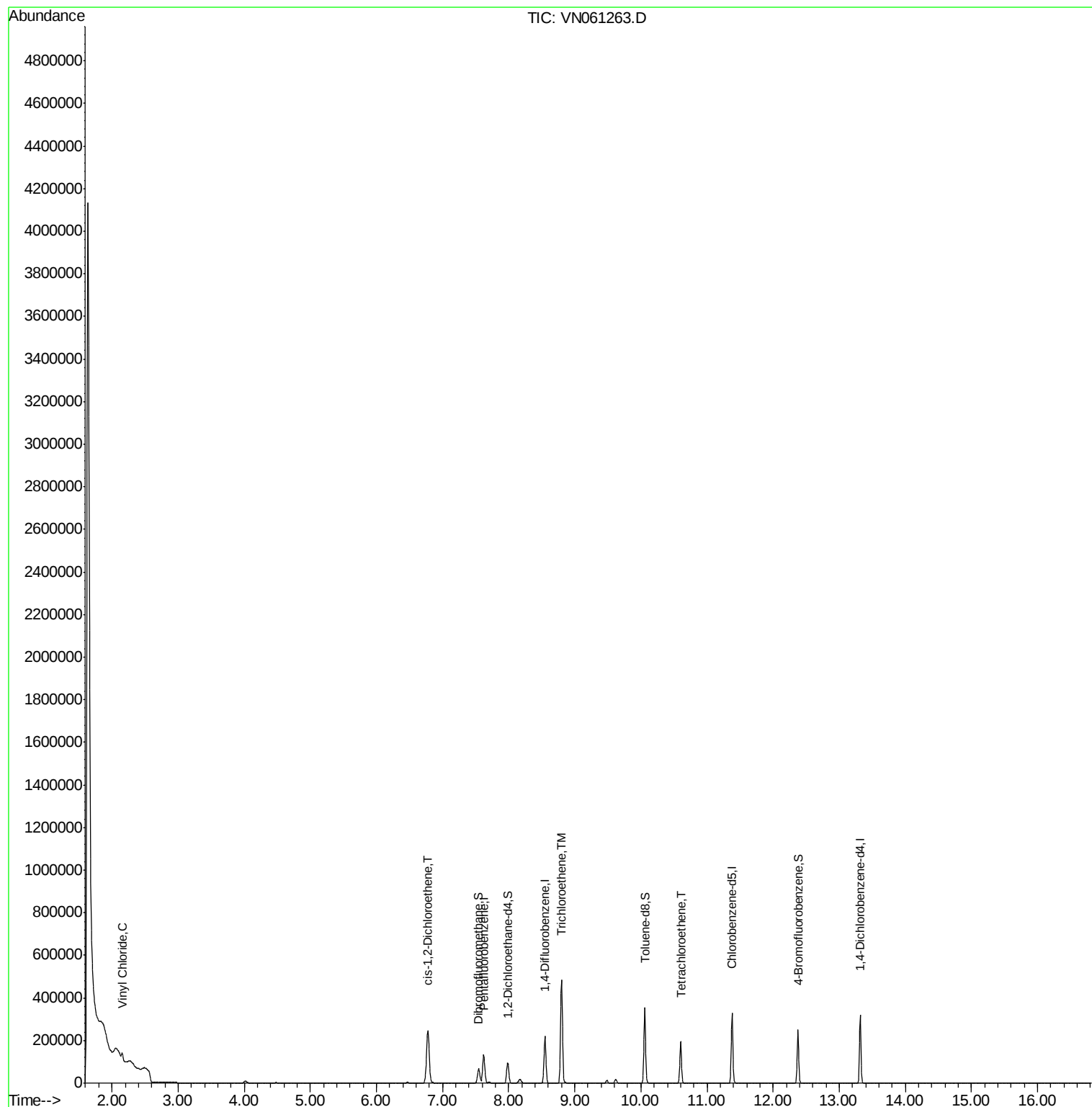
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	100801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	174533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	83264	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	7.55	113	50938	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	10.06	98	229022	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	84213	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
Target Compounds						
4) Vinyl Chloride	2.16	62	25426	17.292	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	156562	115.201	ug/l	90
44) Trichloroethene	8.80	130	167427	113.572	ug/l	97
64) Tetrachloroethene	10.60	164	42717	28.259	ug/l	99

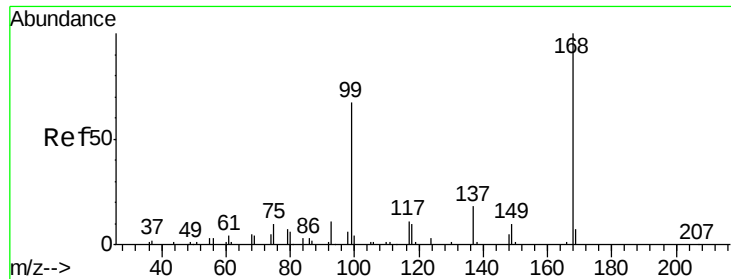
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061263.D

Acq: 2 May 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

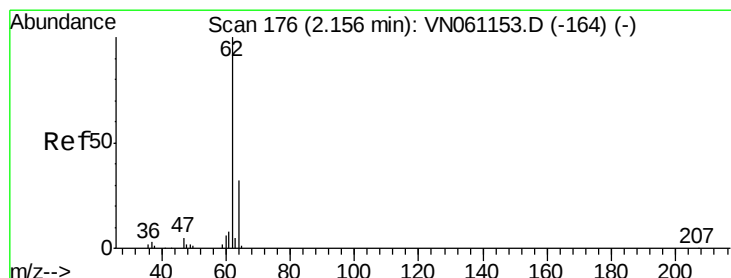
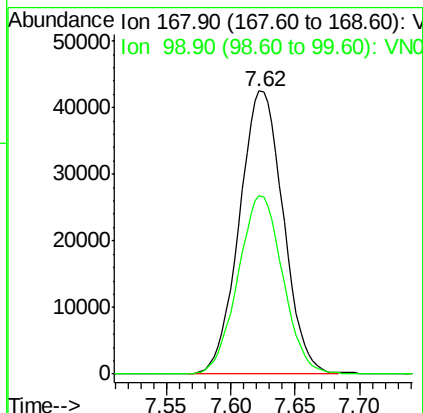
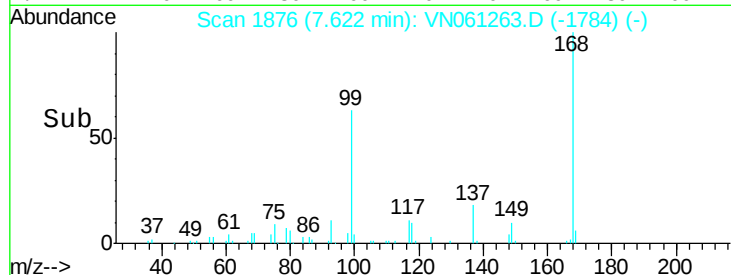
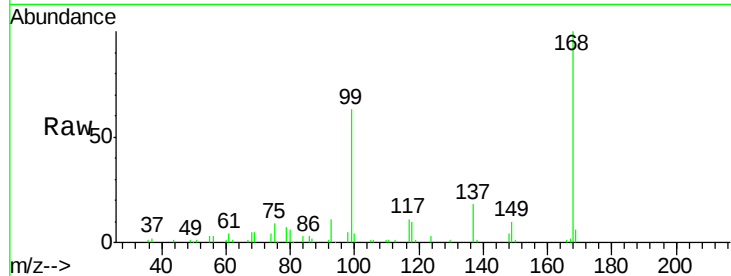
SS040RW056-200429

Tot Ion:168 Resp: 100801

Ion Ratio Lower Upper

168 100

99 63.2 51.2 76.8



#4

Vinyl Chloride

Concen: 17.292 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061263.D

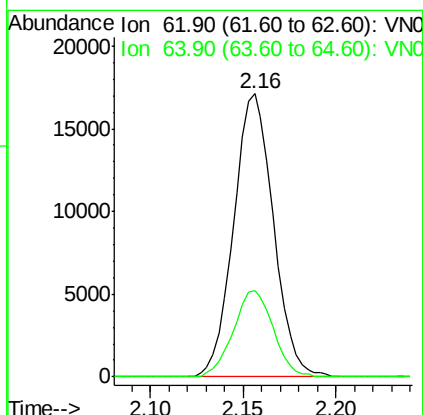
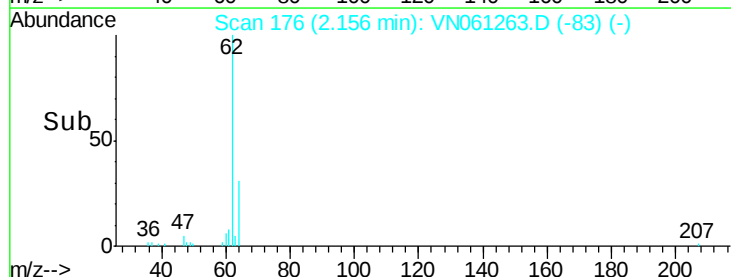
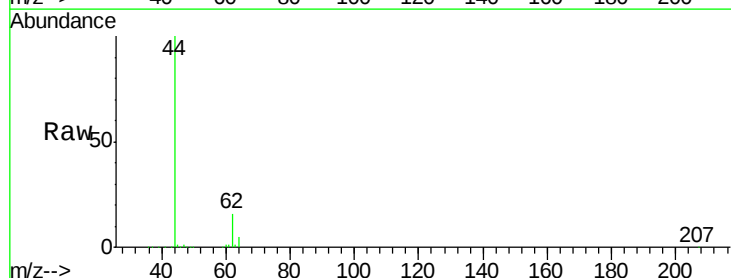
Acq: 2 May 2020 9:18

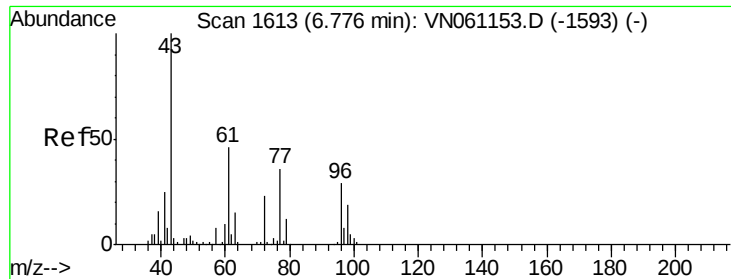
Tgt Ion: 62 Resp: 25426

Ion Ratio Lower Upper

62 100

64 30.6 25.2 37.8





#27

cis-1,2-Dichloroethene

Concen: 115.201 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061263.D

Acq: 2 May 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

SS040RW056-200429

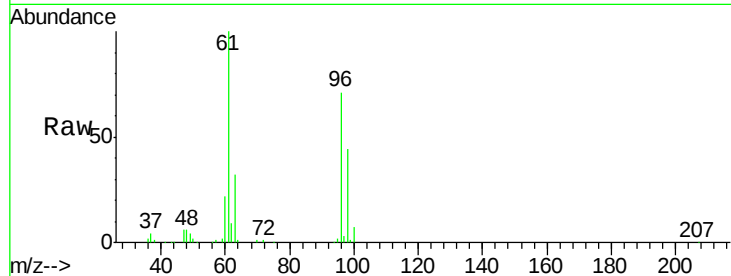
Tot Ion: 96 Resp: 156562

Ion Ratio Lower Upper

96 100

61 142.9 0.0 322.0

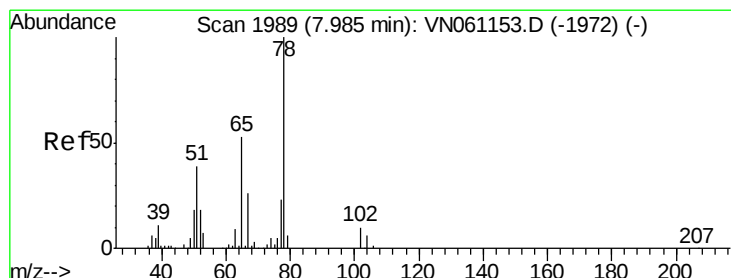
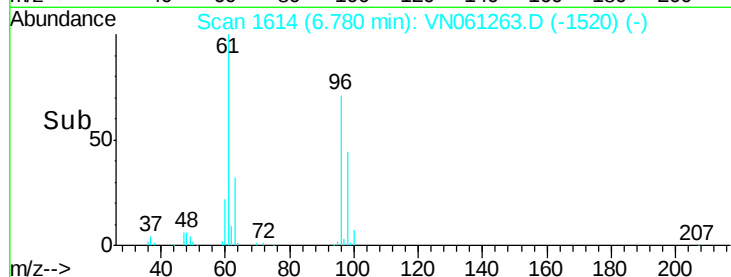
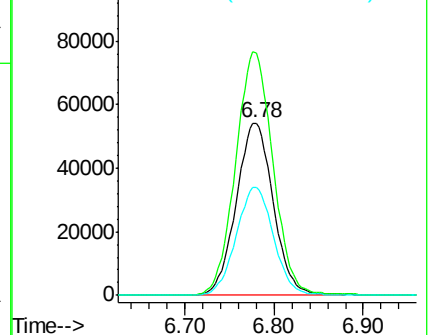
98 63.4 0.0 129.6



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: 52.204 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061263.D

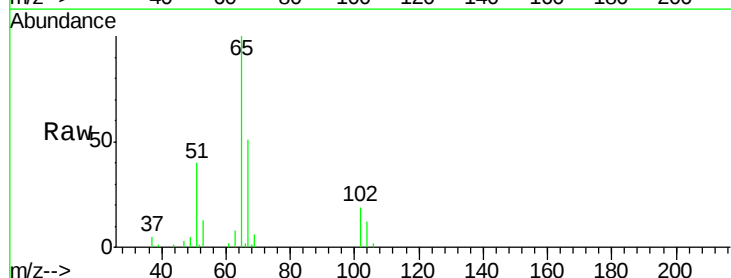
Acq: 2 May 2020 9:18

Tgt Ion: 65 Resp: 83264

Ion Ratio Lower Upper

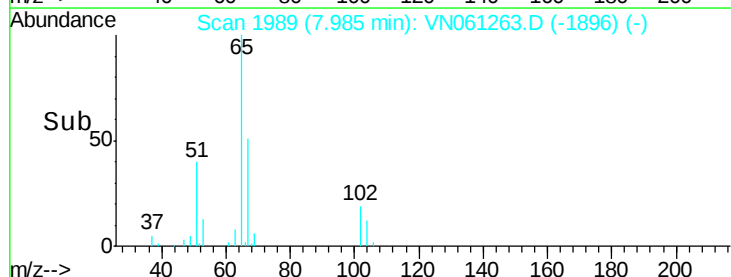
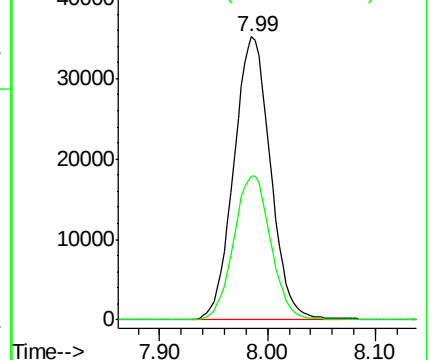
65 100

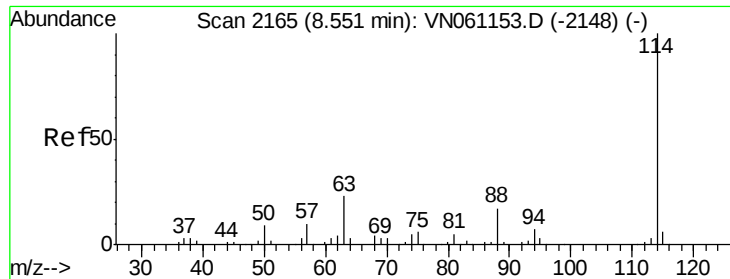
67 51.3 0.0 101.6



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

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

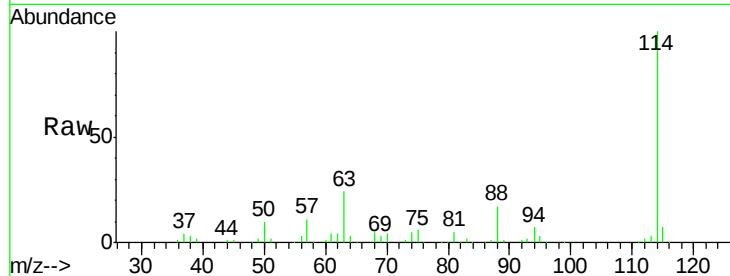




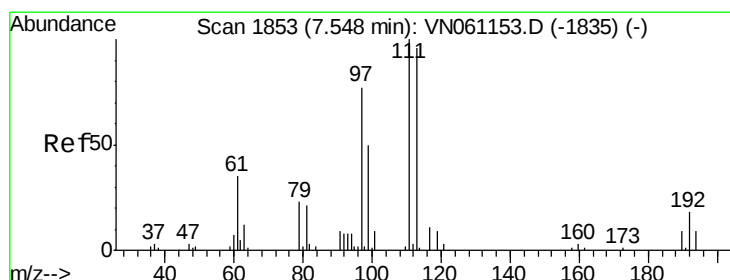
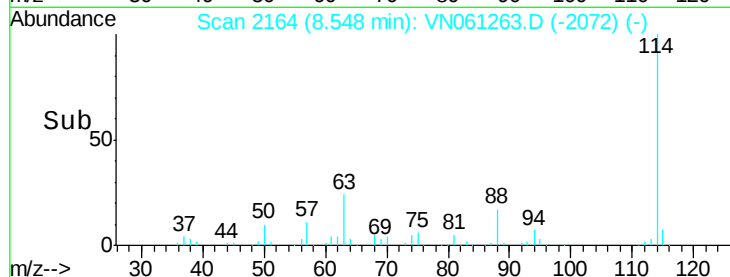
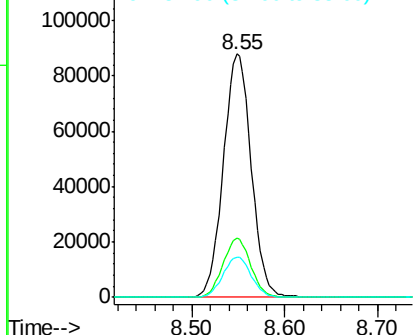
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061263.D
 Acq: 2 May 2020 9:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040RW056-200429

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	46.6
88	16.6	0.0	33.4

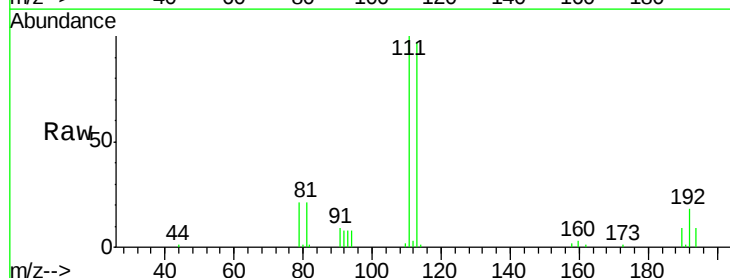


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

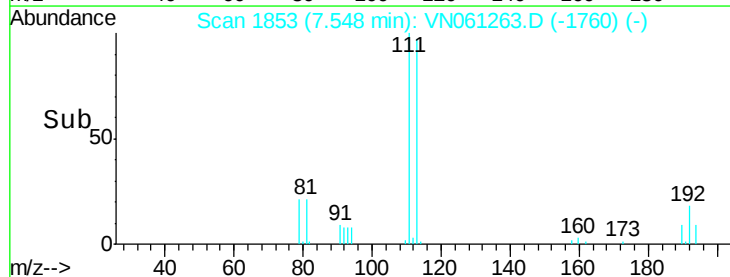
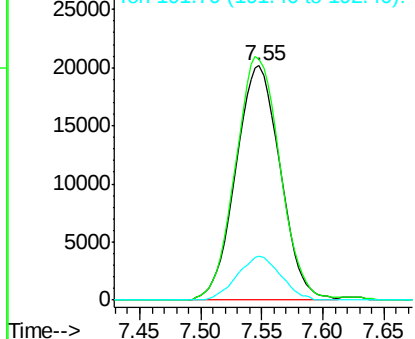


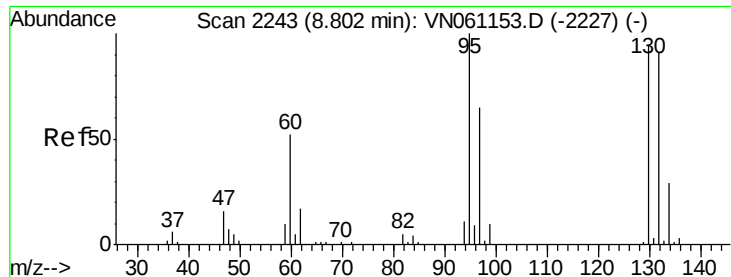
#35
 Dibromofluoromethane
 Concen: 47.110 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061263.D
 Acq: 2 May 2020 9:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	18.2	14.7	22.1



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





#44

Trichloroethene

Concen: 113.572 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061263.D

Acq: 2 May 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

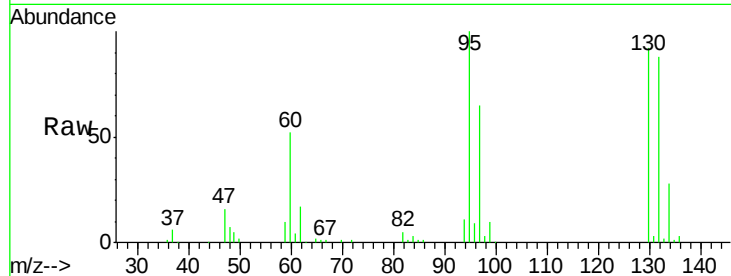
SS040RW056-200429

Tot Ion:130 Resp: 167427

Ion Ratio Lower Upper

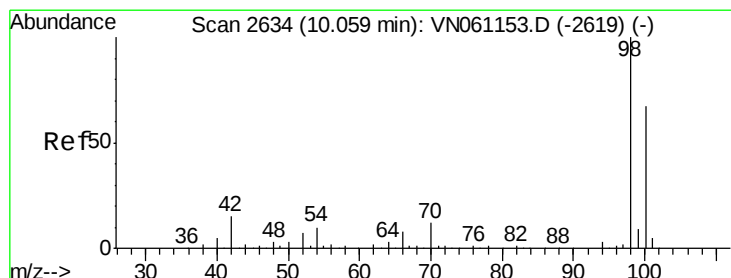
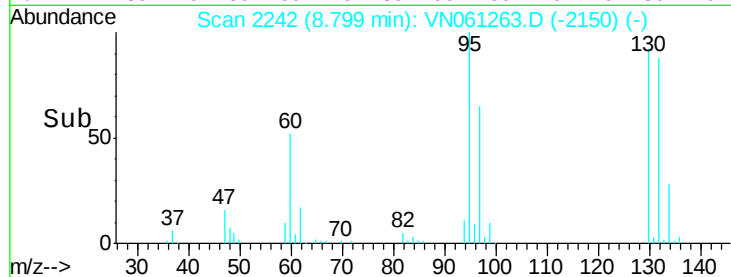
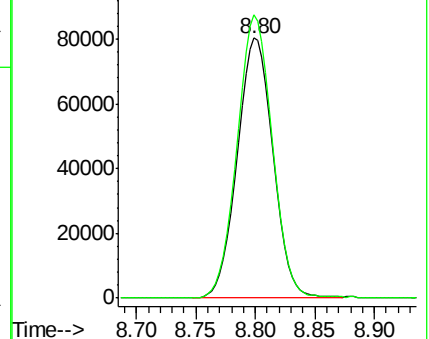
130 100

95 108.8 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)



#50

Toluene-d8

Concen: 51.959 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061263.D

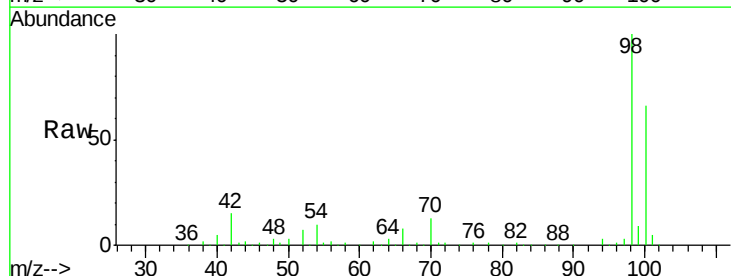
Acq: 2 May 2020 9:18

Tgt Ion: 98 Resp: 229022

Ion Ratio Lower Upper

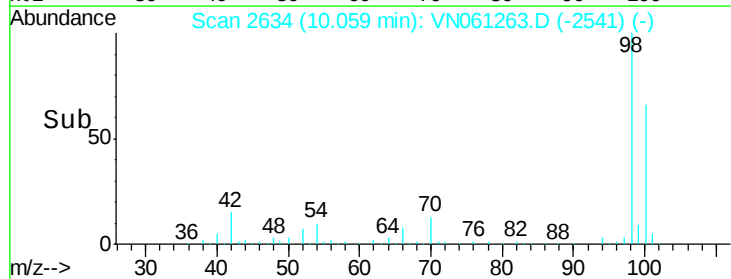
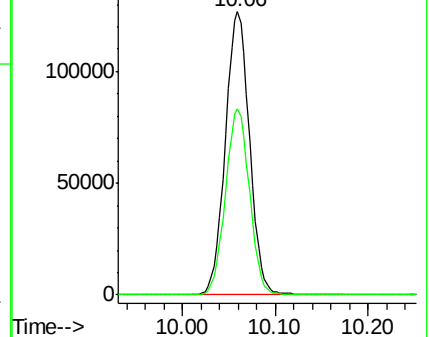
98 100

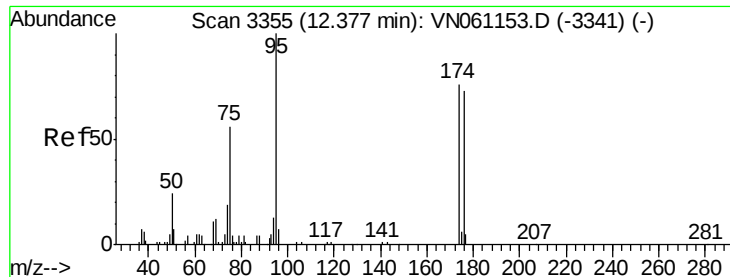
100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 50.771 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061263.D

Acq: 2 May 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

SS040RW056-200429

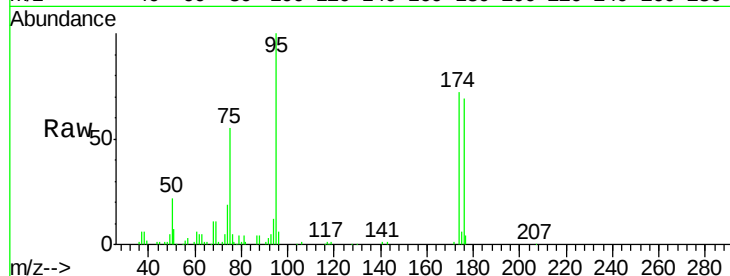
Tot Ion: 95 Resp: 84213

Ion Ratio Lower Upper

95 100

174 72.1 0.0 149.4

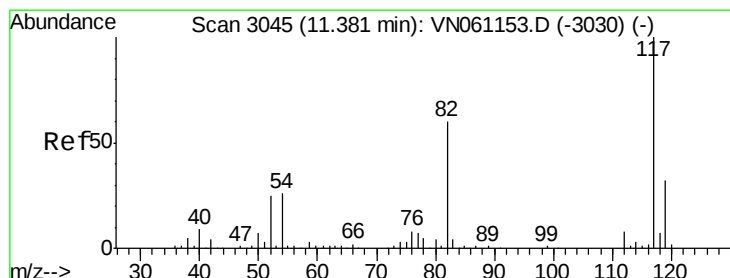
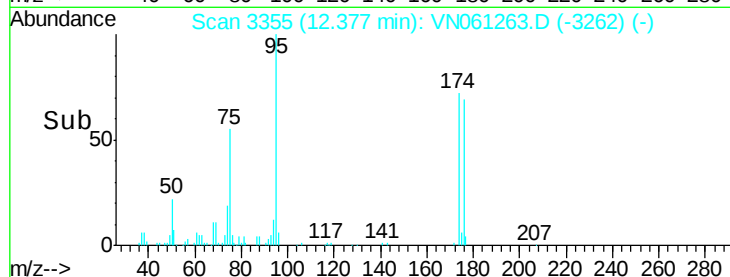
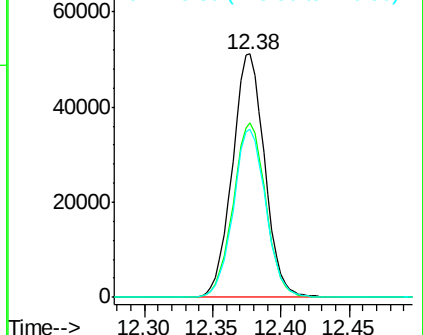
176 69.3 0.0 144.8



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: VN061263.D

Acq: 2 May 2020 9:18

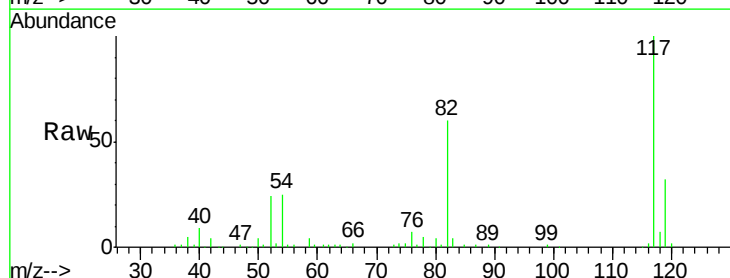
Tgt Ion: 117 Resp: 174533

Ion Ratio Lower Upper

117 100

82 59.9 47.8 71.8

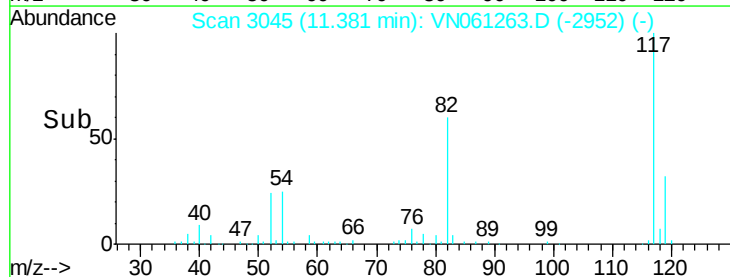
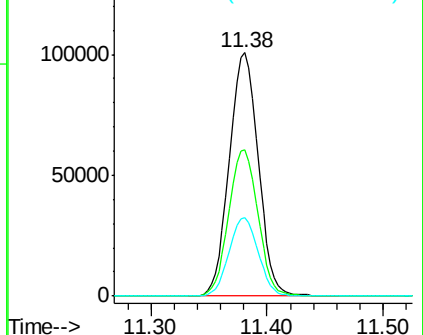
119 32.3 25.8 38.6

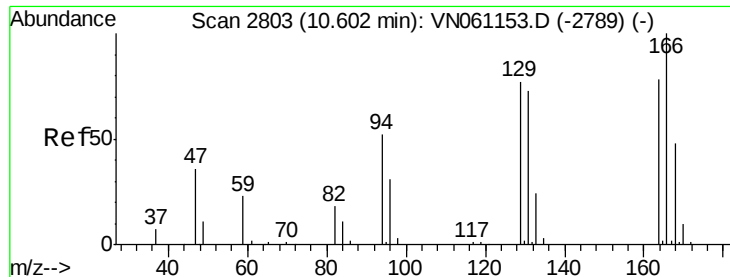


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 28.259 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061263.D

Acq: 2 May 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

SS040RW056-200429

Tot Ion:164 Resp: 42717

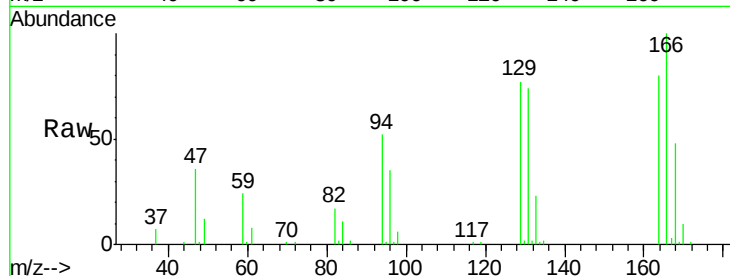
Ion Ratio Lower Upper

164 100

166 125.5 102.0 153.0

129 96.7 78.2 117.2

131 92.5 74.5 111.7

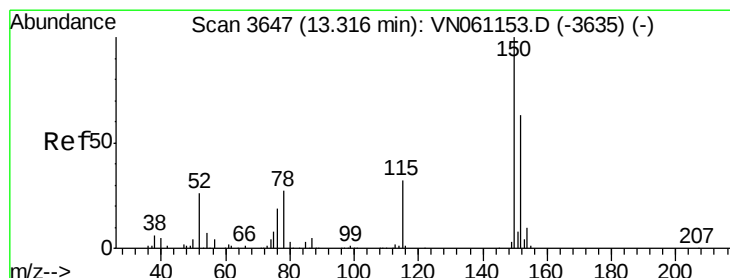
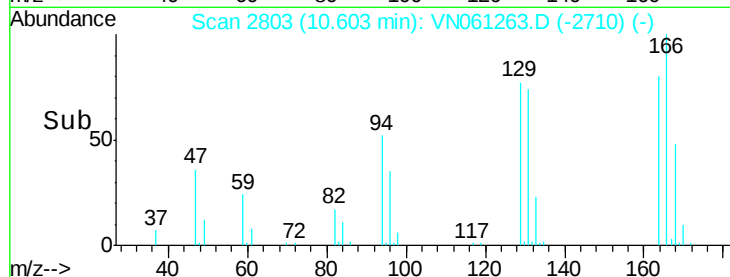
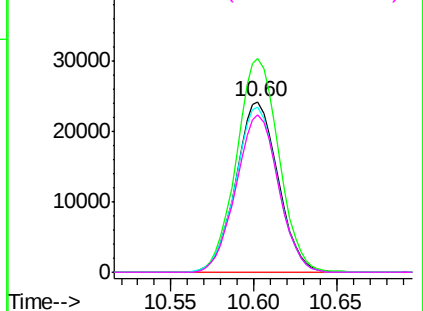


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061263.D

Acq: 2 May 2020 9:18

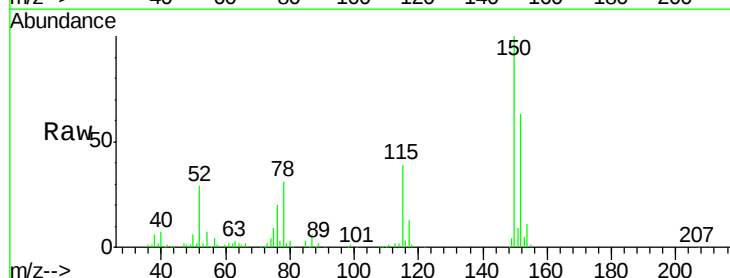
Tgt Ion:152 Resp: 76490

Ion Ratio Lower Upper

152 100

115 62.3 31.0 93.0

150 159.1 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

