

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061237.D
 Acq On : 1 May 2020 17:50
 Operator : JC/MD
 Sample : L2467-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW303-200428

Quant Time: May 04 04:19:39 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

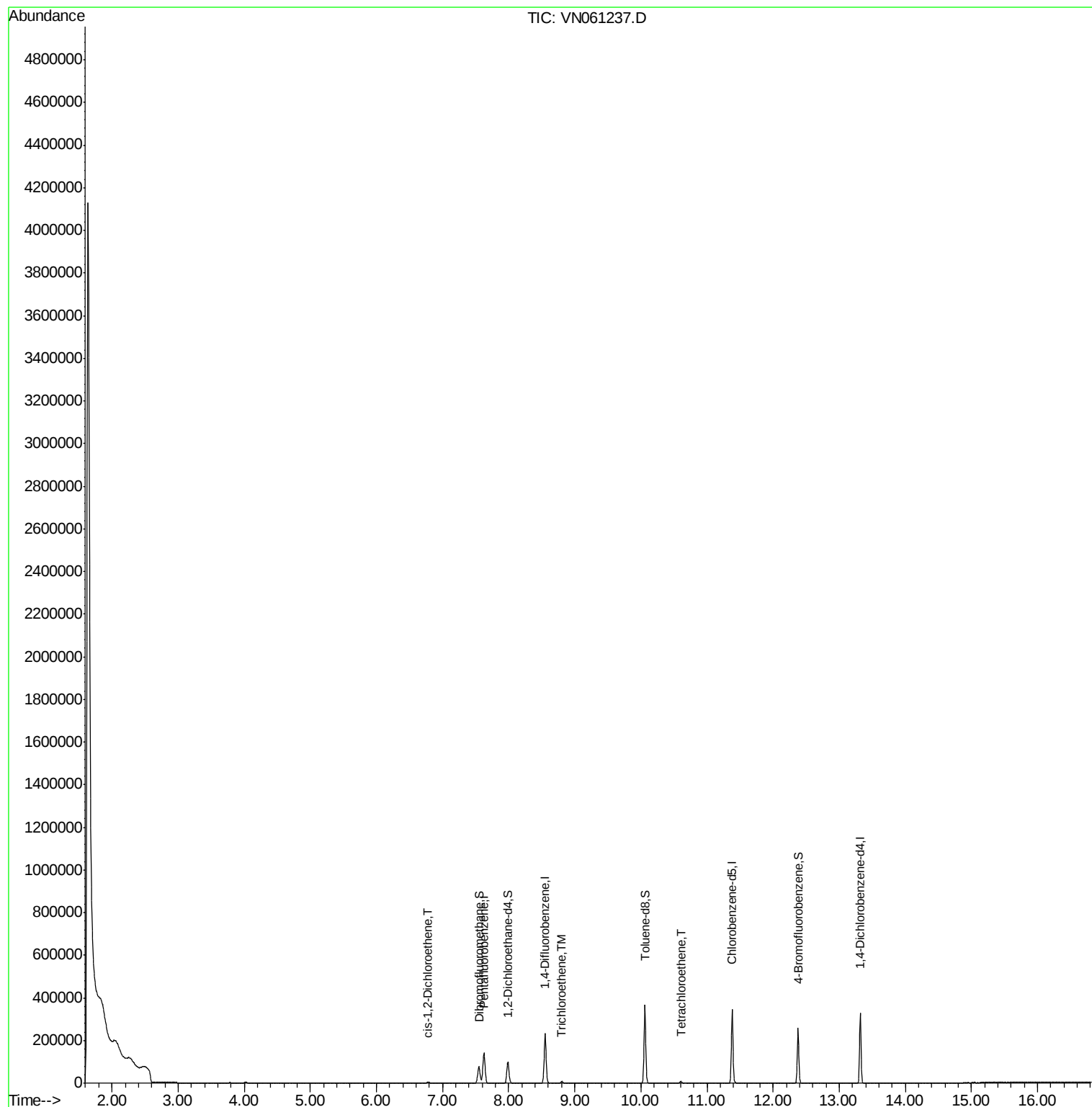
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	107857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	195314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	187425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85988	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	58910	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	10.06	98	243154	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.38	95	88241	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	2190	1.506	ug/l	78
44) Trichloroethene	8.80	130	3010	1.912	ug/l	92
64) Tetrachloroethene	10.60	164	2148	1.323	ug/l	99

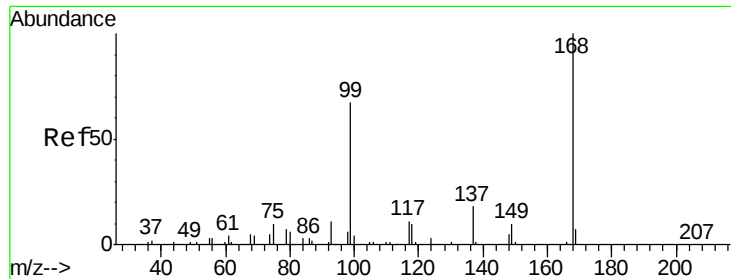
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061237.D

Acq: 1 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

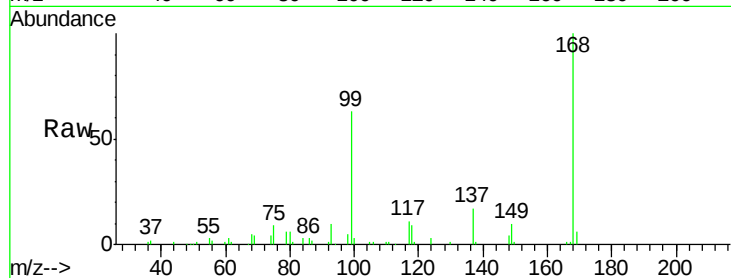
SS040MW303-200428

Tot Ion:168 Resp: 107857

Ion Ratio Lower Upper

168 100

99 63.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061237.D (-1784) (-)

Ion 98.90 (98.60 to 99.60): VN061237.D (-1784) (-)

7.63

50000

40000

30000

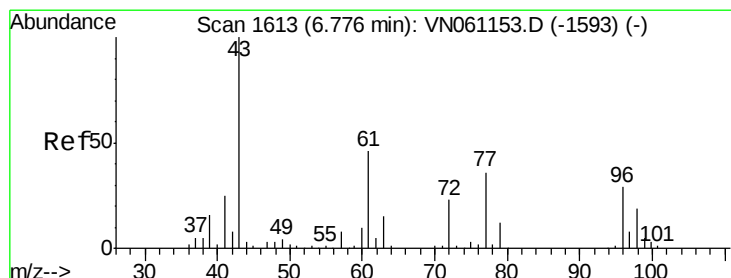
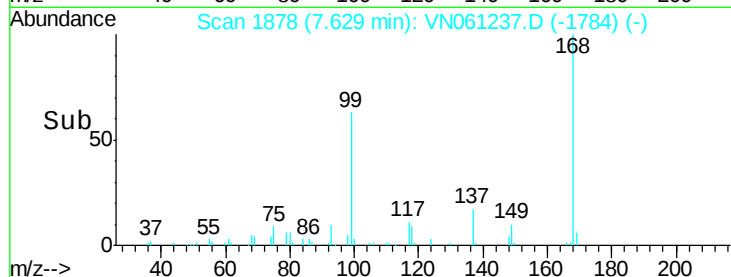
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#27

cis-1,2-Dichloroethene

Concen: 1.506 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061237.D

Acq: 1 May 2020 17:50

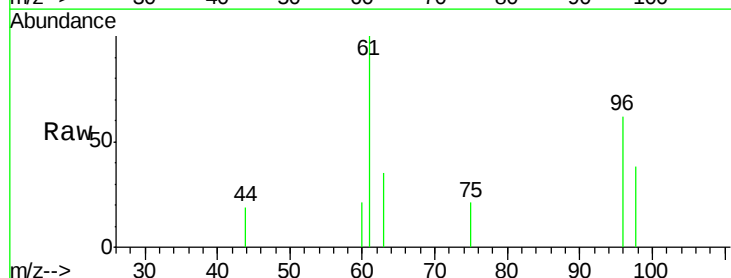
Tgt Ion: 96 Resp: 2190

Ion Ratio Lower Upper

96 100

61 146.8 0.0 322.0

98 25.4 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061237.D (-1520) (-)

Ion 60.90 (60.60 to 61.60): VN061237.D (-1520) (-)

Ion 97.90 (97.60 to 98.60): VN061237.D (-1520) (-)

6.78

1500

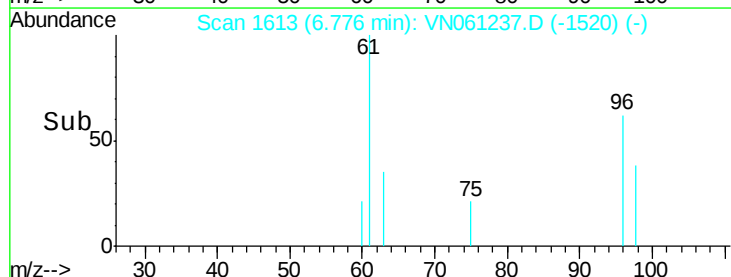
1000

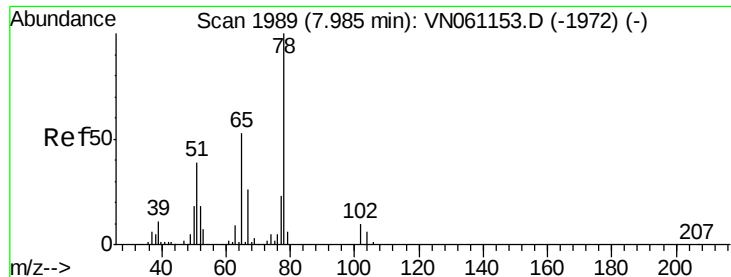
500

0

Time-->

6.70 6.75 6.80 6.85





#33

1,2-Dichloroethane-d4

Concen: 50.385 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061237.D

Acq: 1 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

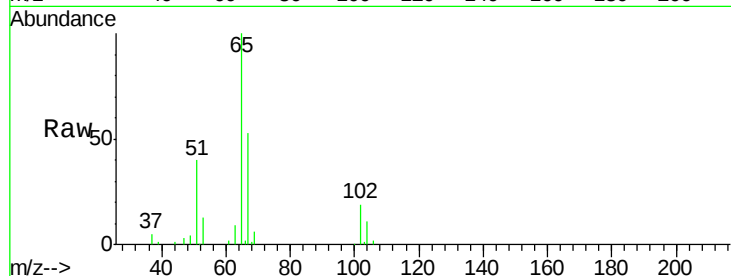
SS040MW303-200428

Tot Ion: 65 Resp: 85988

Ion Ratio Lower Upper

65 100

67 51.7 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

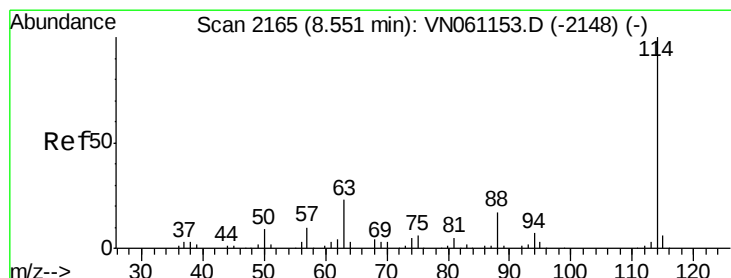
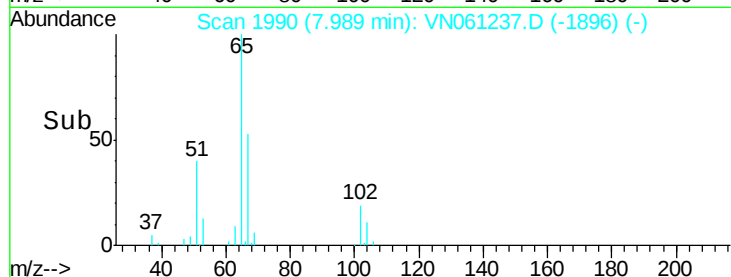
0

Time-->

7.90

8.00

8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061237.D

Acq: 1 May 2020 17:50

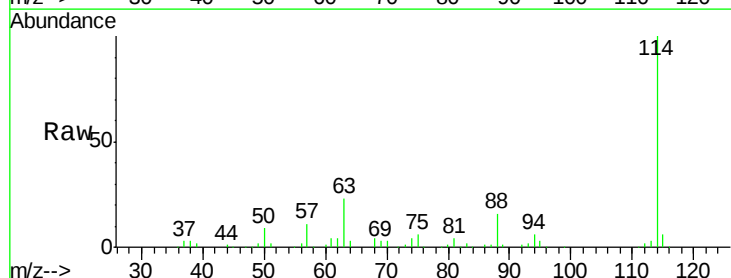
Tgt Ion: 114 Resp: 195314

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.4 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

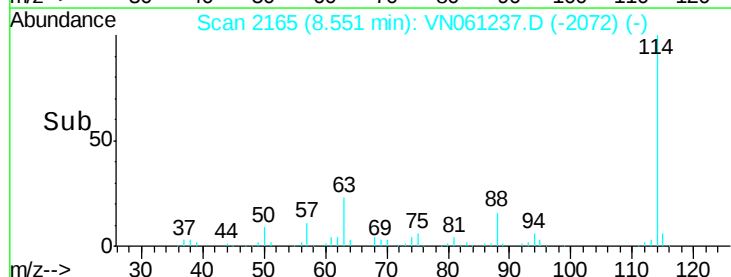
20000

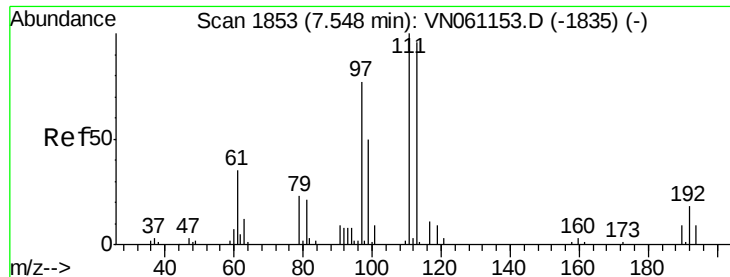
0

Time-->

8.50

8.60

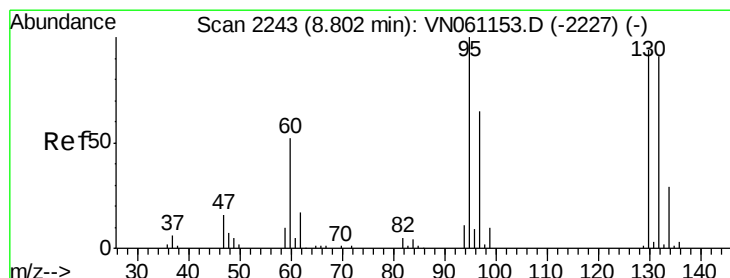
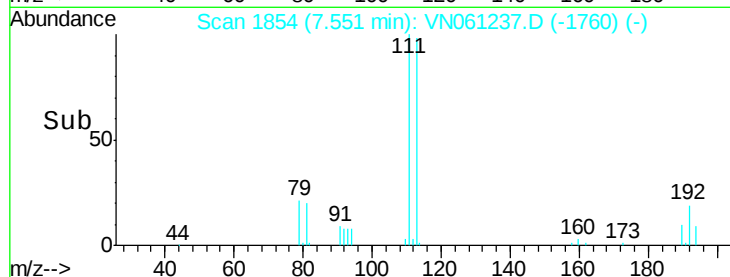
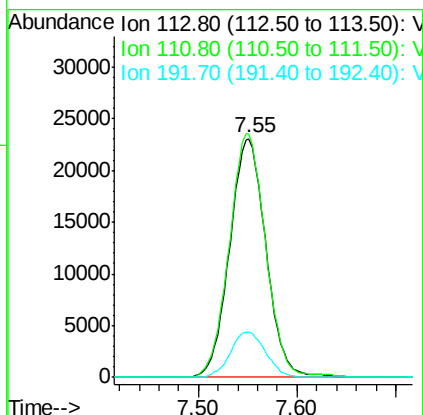
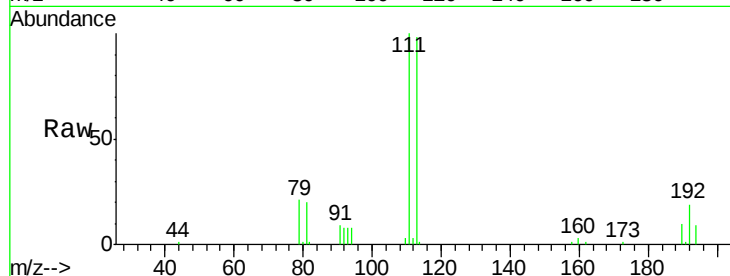




#35
Dibromofluoromethane
Concen: 51.007 ug/l
RT: 7.55 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061237.D
Acq: 1 May 2020 17:50

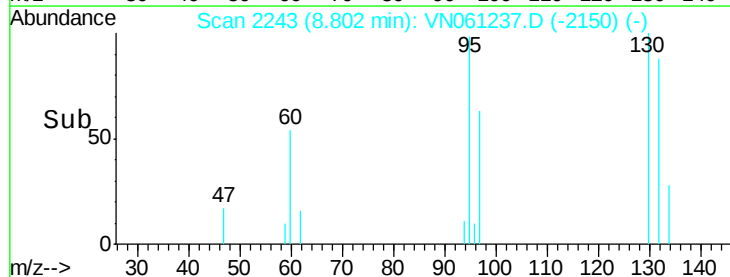
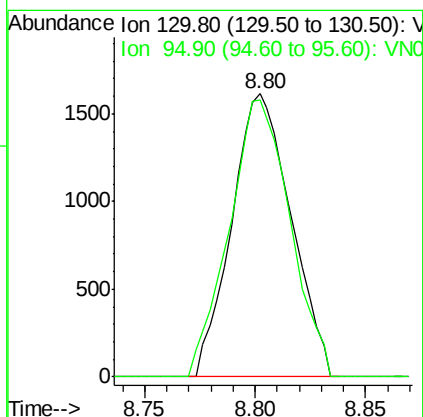
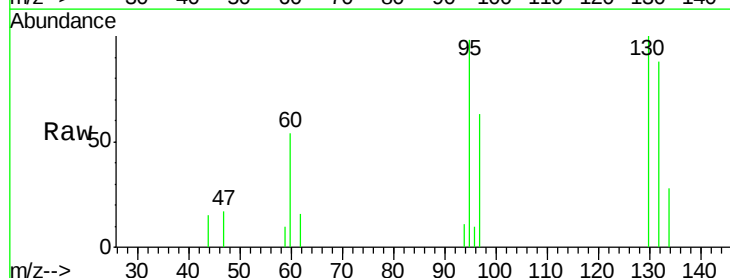
Instrument :
MSVOA_N
ClientSampleId :
SS040MW303-200428

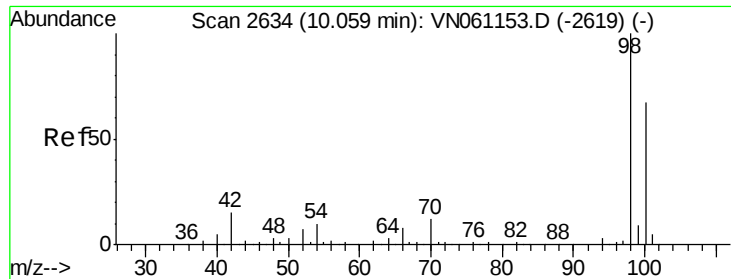
Tot Ion:113 Resp: 58910
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.4 14.7 22.1



#44
Trichloroethene
Concen: 1.912 ug/l
RT: 8.80 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VN061237.D
Acq: 1 May 2020 17:50

Tgt Ion:130 Resp: 3010
Ion Ratio Lower Upper
130 100
95 97.8 0.0 212.4





#50

Toluene-d8

Concen: 51.646 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061237.D

Acq: 1 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

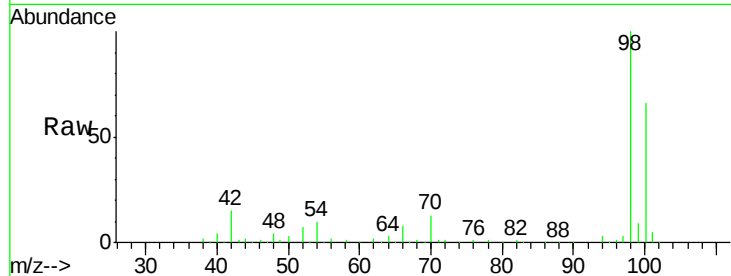
SS040MW303-200428

Tot Ion: 98 Resp: 243154

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

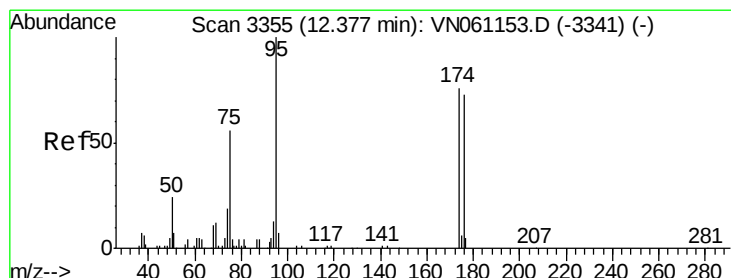
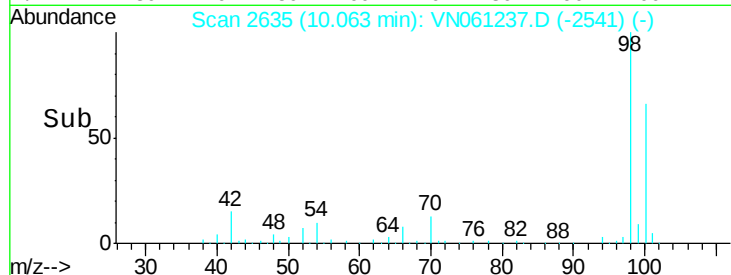
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.805 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061237.D

Acq: 1 May 2020 17:50

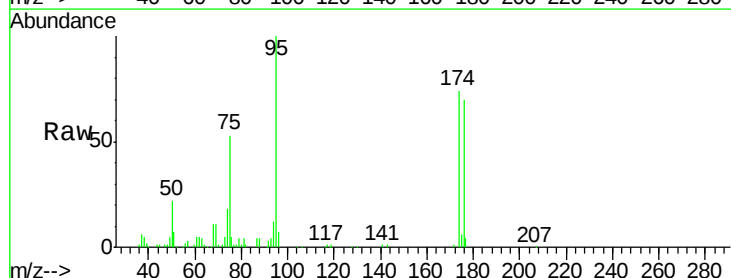
Tgt Ion: 95 Resp: 88241

Ion Ratio Lower Upper

95 100

174 74.0 0.0 149.4

176 70.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

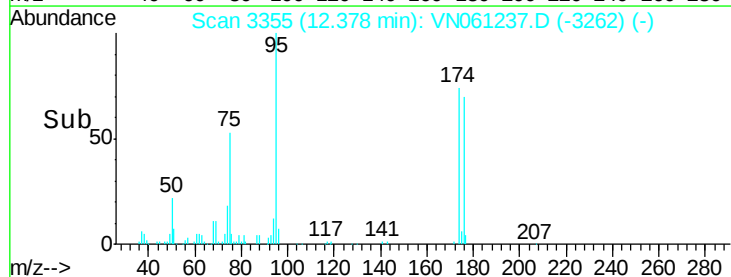
60000

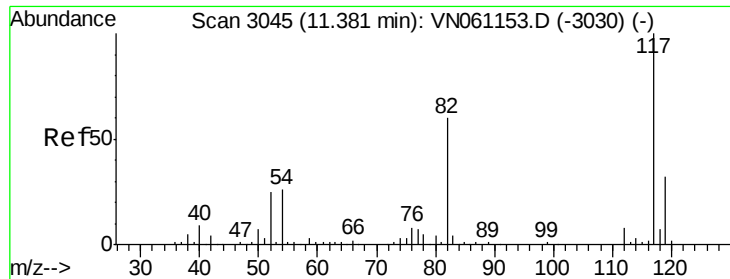
40000

20000

0

Time-->

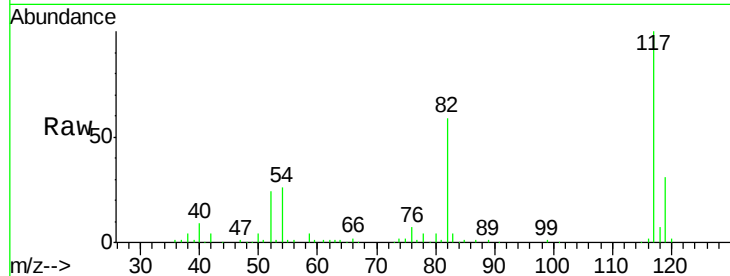




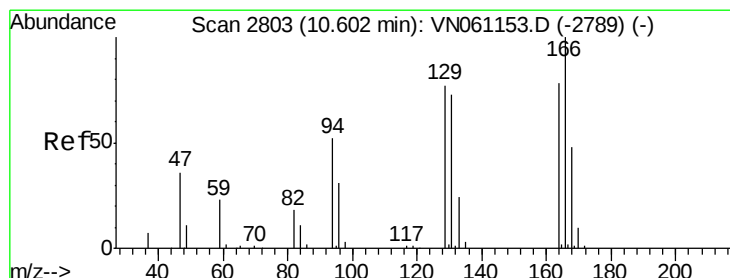
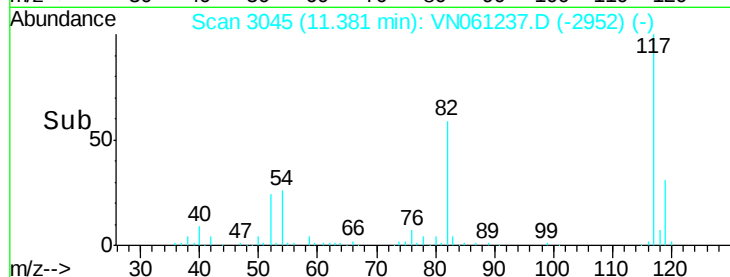
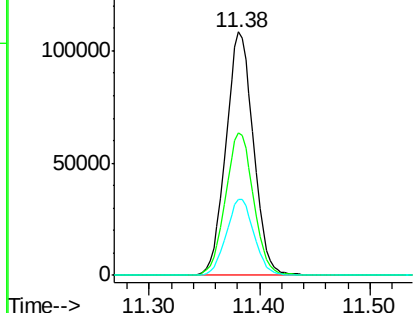
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061237.D
Acq: 1 May 2020 17:50

Instrument :
MSVOA_N
ClientSampleId :
SS040MW303-200428

Tot Ion:117 Resp: 187425
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 31.3 25.8 38.6

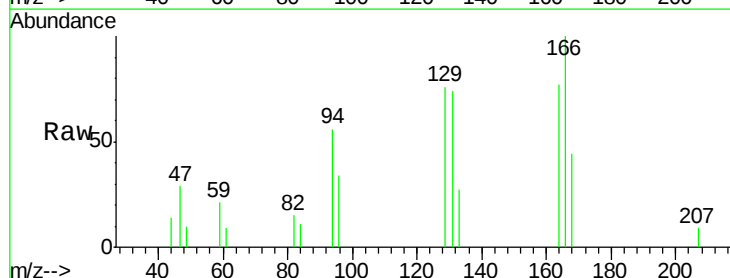


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

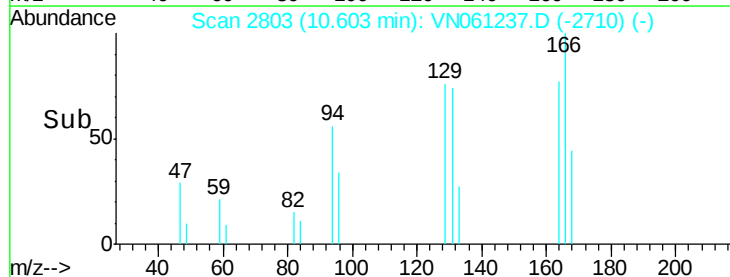
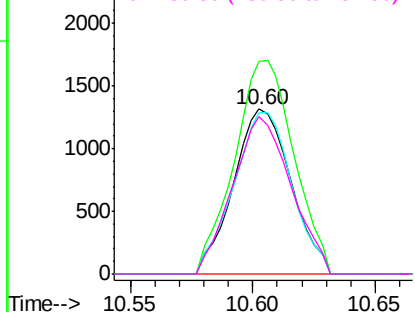


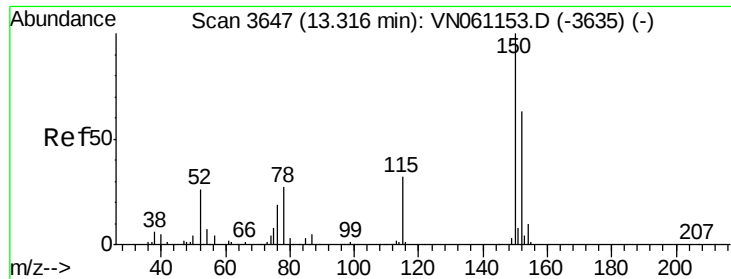
#64
Tetrachloroethene
Concen: 1.323 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061237.D
Acq: 1 May 2020 17:50

Tgt Ion:164 Resp: 2148
Ion Ratio Lower Upper
164 100
166 129.3 102.0 153.0
129 97.8 78.2 117.2
131 95.4 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# 3648

Delta R.T. 0.00 min

Lab File: VN061237.D

Acq: 1 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

SS040MW303-200428

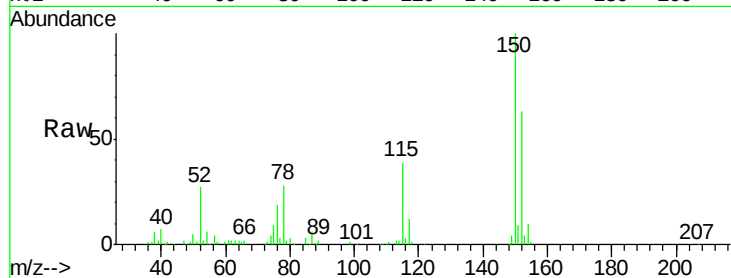
Tot Ion:152 Resp: 81412

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

150 159.6 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

