

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060412.D
 Acq On : 10 Mar 2020 13:30
 Operator : JC/MD
 Sample : L1857-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Mar 11 08:06:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

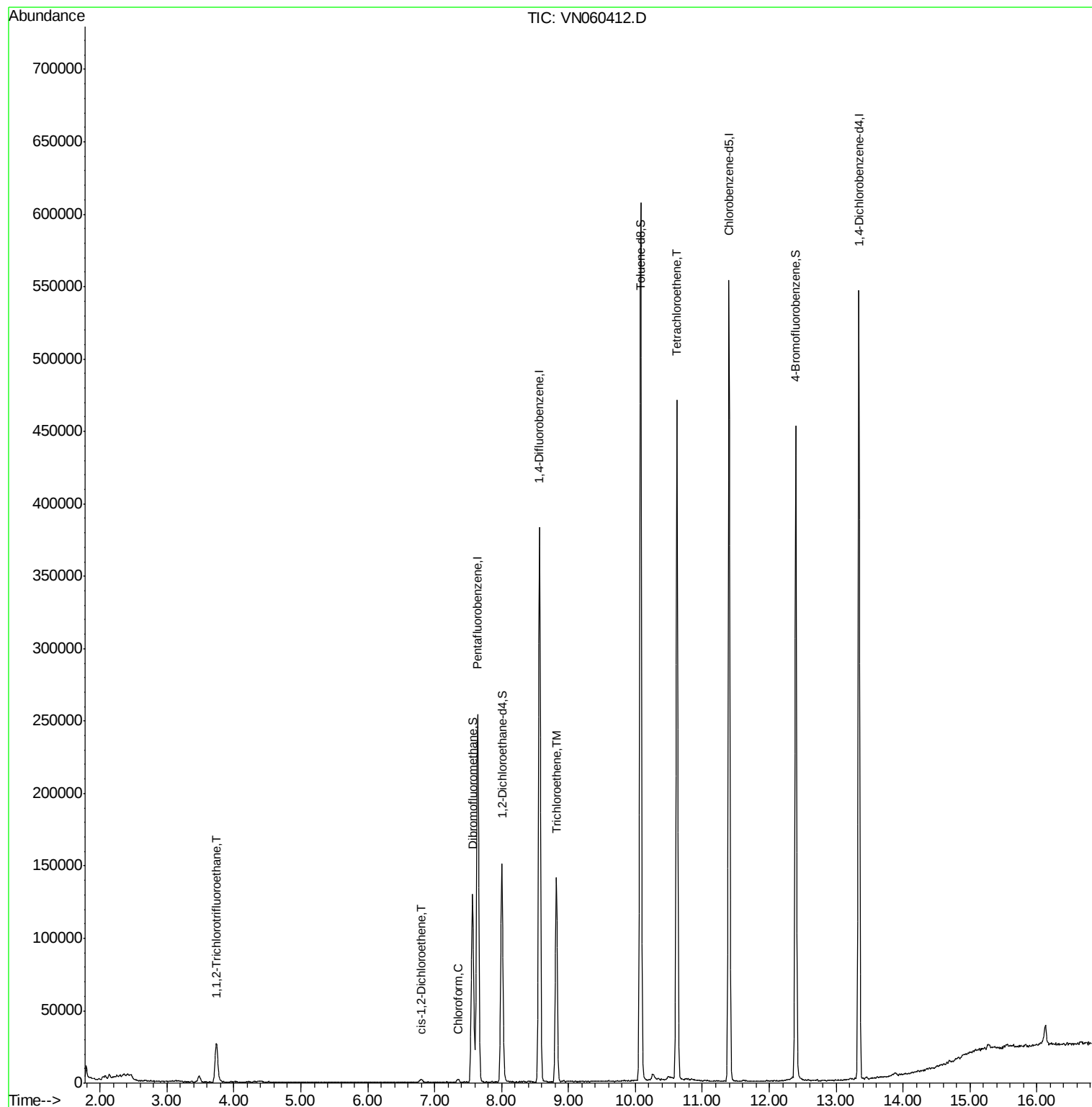
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132652	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	7.57	113	99430	63.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.20%	
50) Toluene-d8	10.08	98	414664	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.40	95	152926	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	17054	8.360	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	1266	0.466	ug/l	90
30) Chloroform	7.34	83	2432	0.584	ug/l	95
44) Trichloroethene	8.82	130	50956	19.582	ug/l	98
64) Tetrachloroethene	10.62	164	108641	43.803	ug/l	99

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

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Quant Time: Mar 11 08:06:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060412.D

Acq: 10 Mar 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

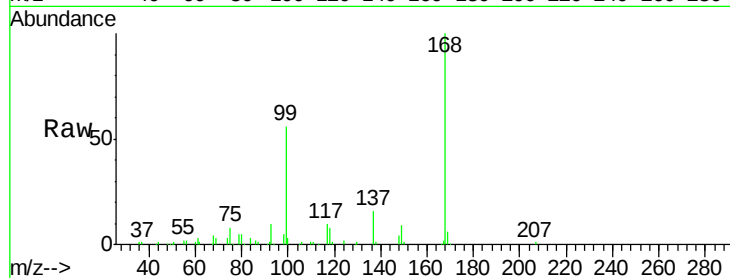
MW-2

Tot Ion:168 Resp: 206072

Ion Ratio Lower Upper

168 100

99 56.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

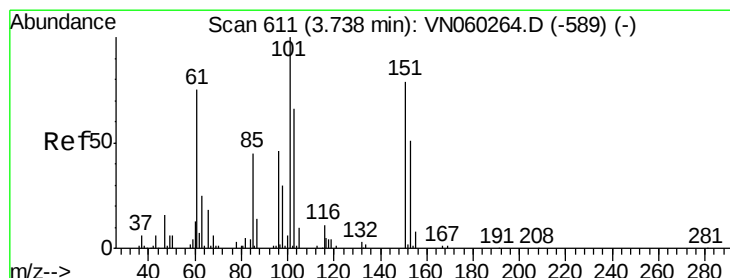
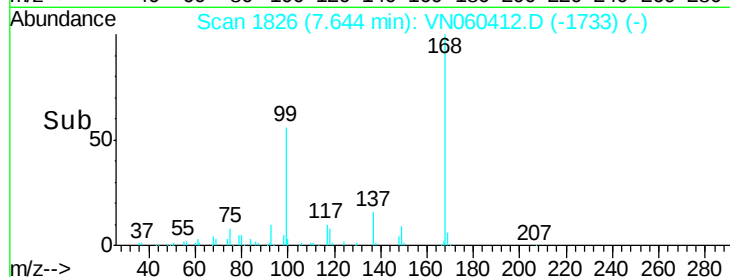
40000

20000

0

7.60 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.360 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060412.D

Acq: 10 Mar 2020 13:30

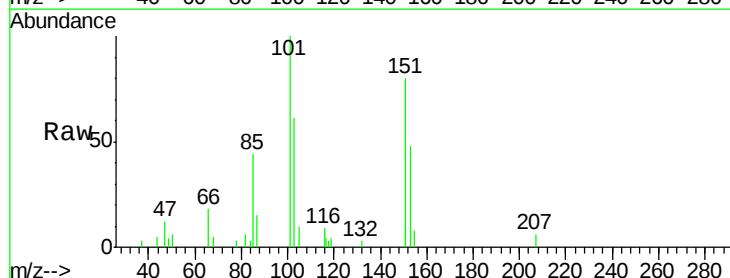
Tgt Ion:101 Resp: 17054

Ion Ratio Lower Upper

101 100

85 46.7 35.4 53.2

151 81.9 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.74

8000

6000

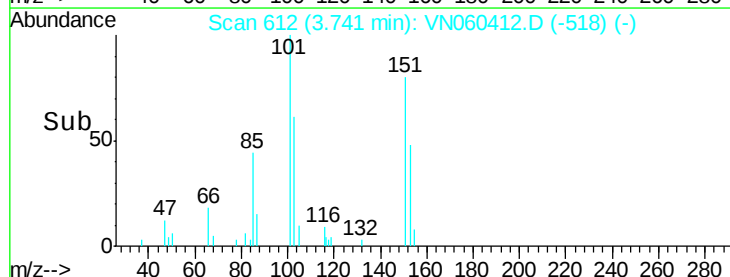
4000

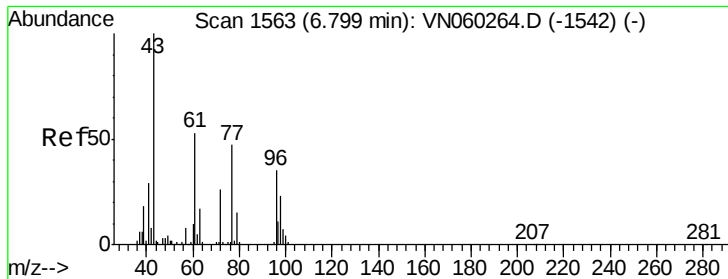
2000

0

3.65 3.70 3.75 3.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.466 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN060412.D

Acq: 10 Mar 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

MW-2

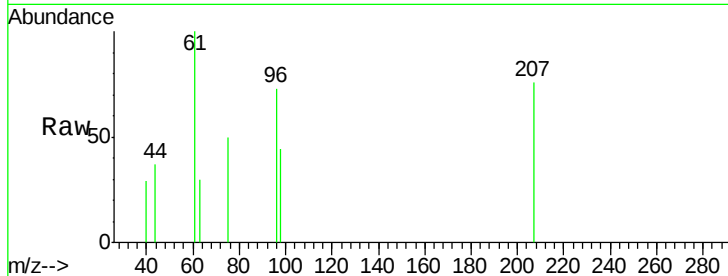
Tot Ion: 96 Resp: 1266

Ion Ratio Lower Upper

96 100

61 140.0 0.0 300.8

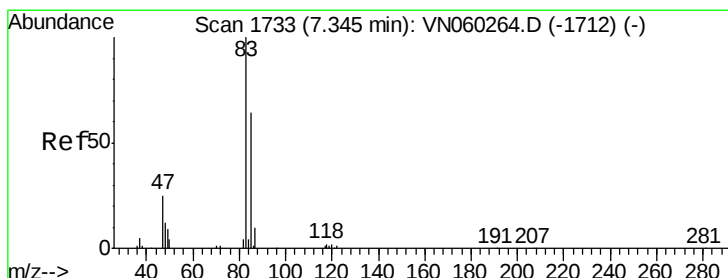
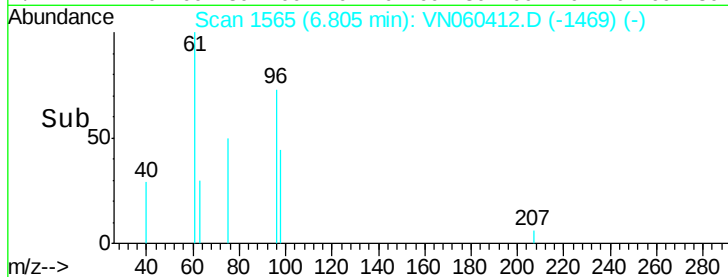
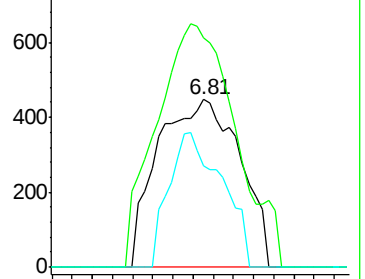
98 52.3 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060412.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060412.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060412.D (-1542) (-)



#30

Chloroform

Concen: 0.584 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060412.D

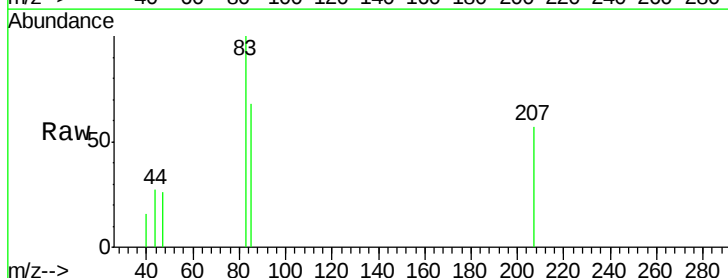
Acq: 10 Mar 2020 13:30

Tgt Ion: 83 Resp: 2432

Ion Ratio Lower Upper

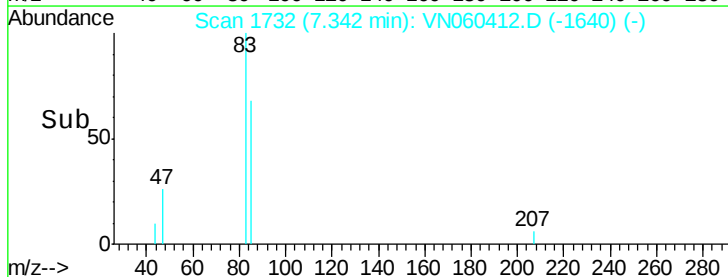
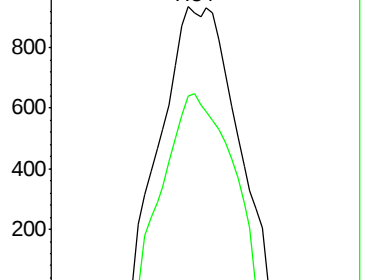
83 100

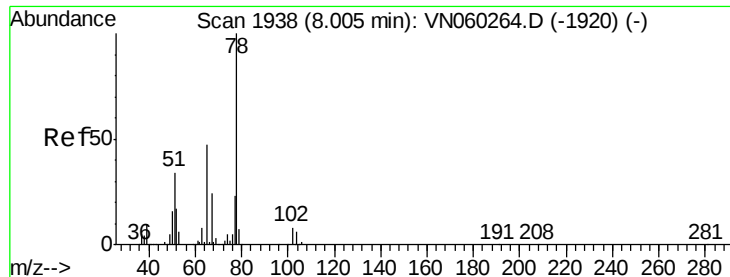
85 68.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN060412.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060412.D (-1640) (-)

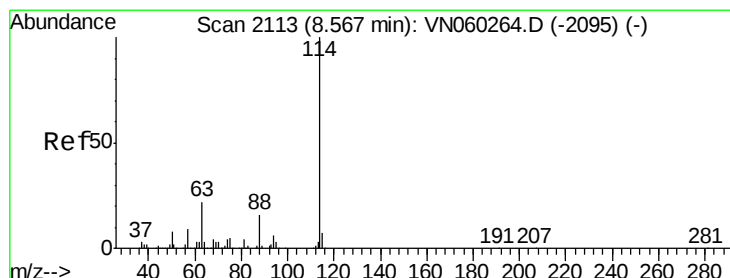
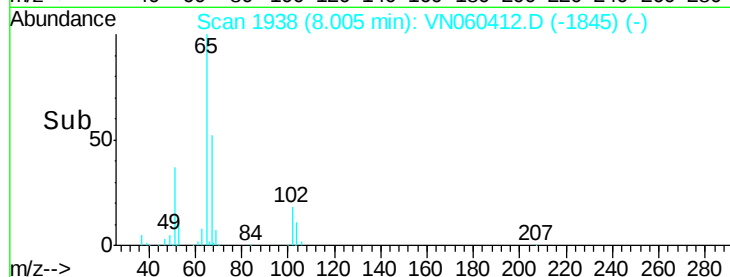
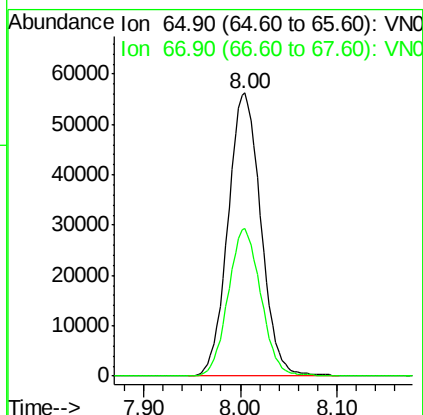
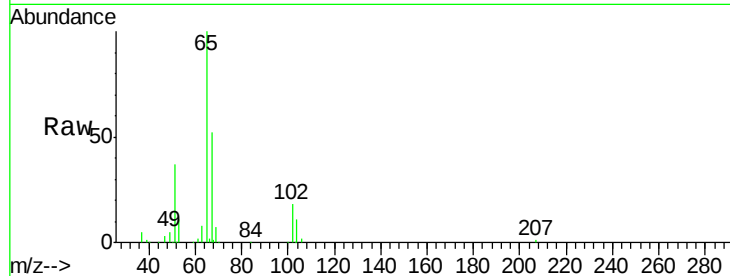




#33
 1,2-Dichloroethane-d4
 Concen: 50.172 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060412.D
 Acq: 10 Mar 2020 13:30

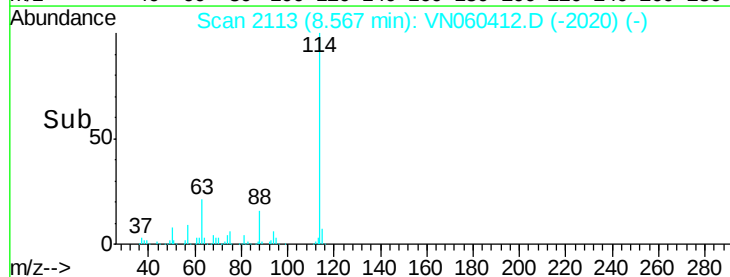
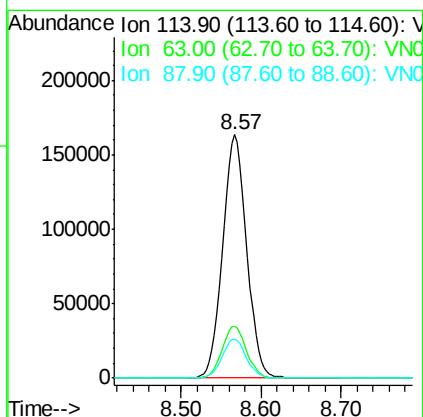
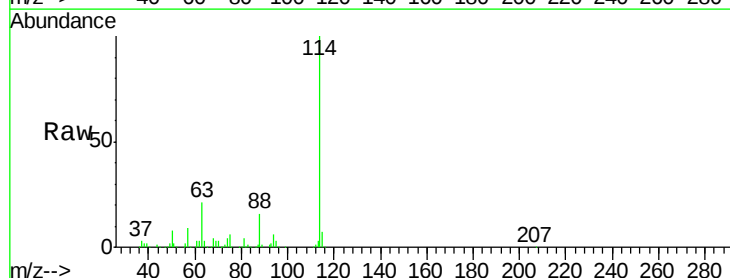
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

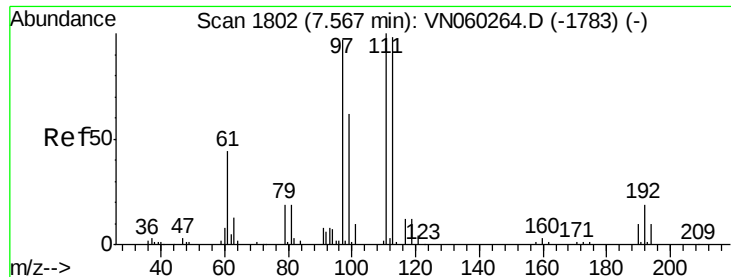
Tot Ion: 65 Resp: 132652
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060412.D
 Acq: 10 Mar 2020 13:30

Tgt Ion: 114 Resp: 336824
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.2 0.0 31.6

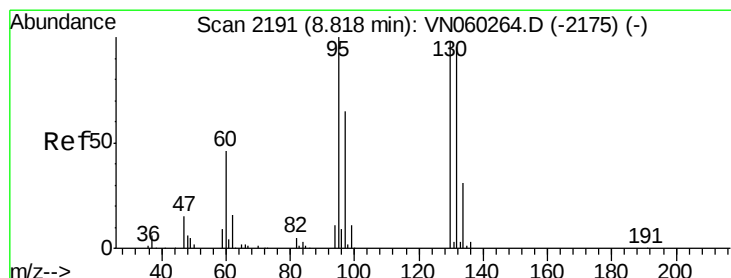
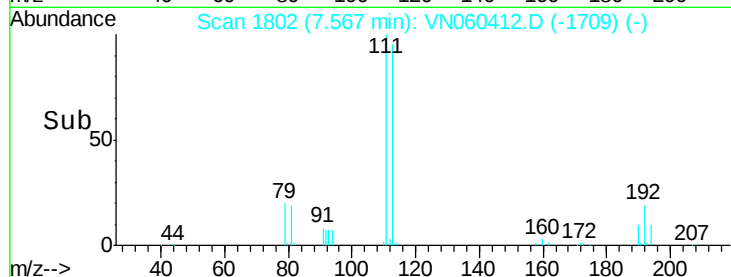
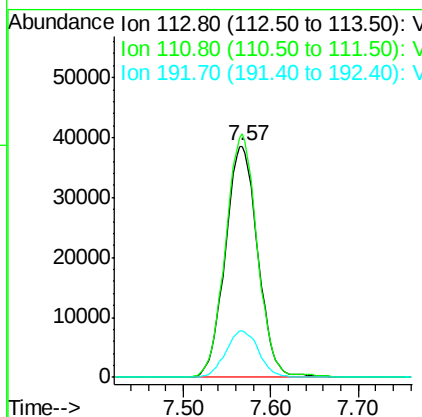
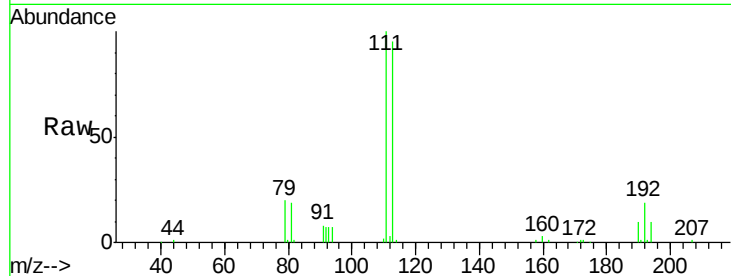




#35
Dibromofluoromethane
Concen: 63.597 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060412.D
Acq: 10 Mar 2020 13:30

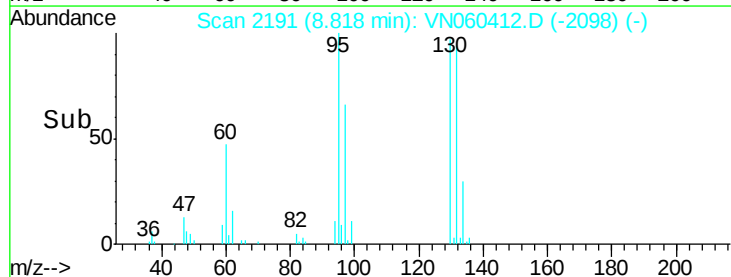
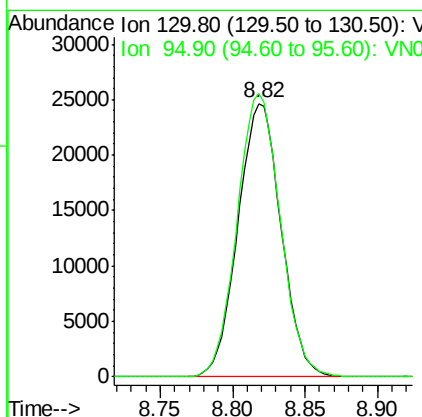
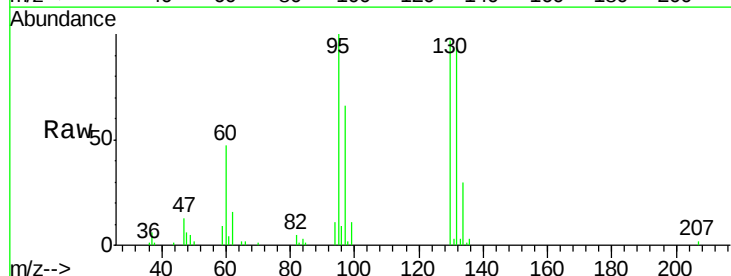
Instrument :
MSVOA_N
ClientSampled :
MW-2

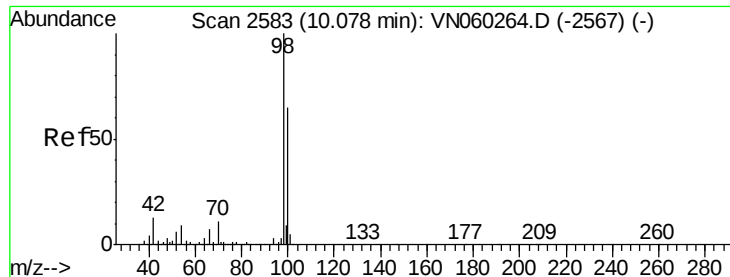
Tot Ion:113 Resp: 99430
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 20.3 16.2 24.2



#44
Trichloroethene
Concen: 19.582 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060412.D
Acq: 10 Mar 2020 13:30

Tgt Ion:130 Resp: 50956
Ion Ratio Lower Upper
130 100
95 103.5 0.0 203.4





#50

Toluene-d8

Concen: 52.405 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060412.D

Acq: 10 Mar 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

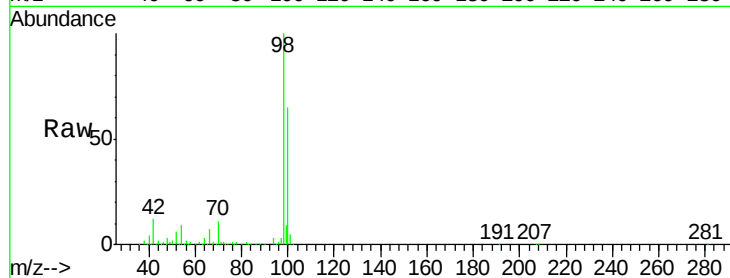
MW-2

Tot Ion: 98 Resp: 414664

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

250000

200000

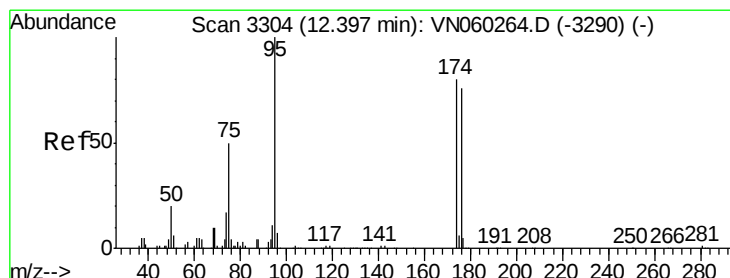
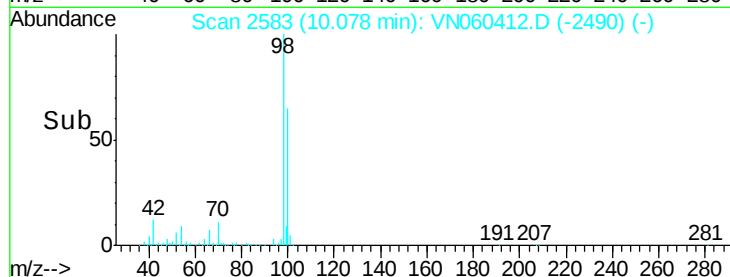
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.984 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060412.D

Acq: 10 Mar 2020 13:30

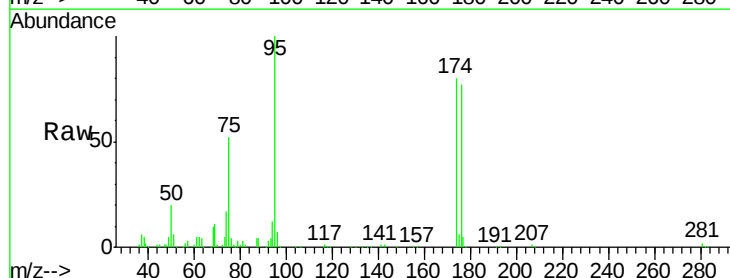
Tgt Ion: 95 Resp: 152926

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.2

176 76.8 0.0 153.8



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

120000

100000

80000

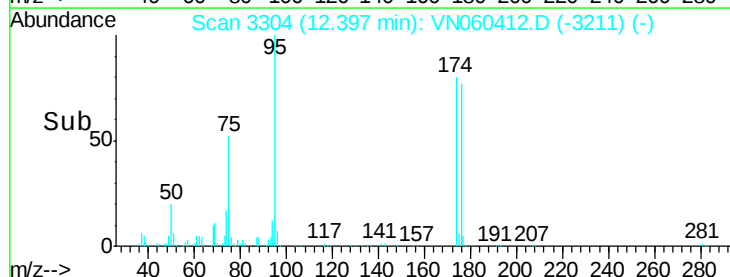
60000

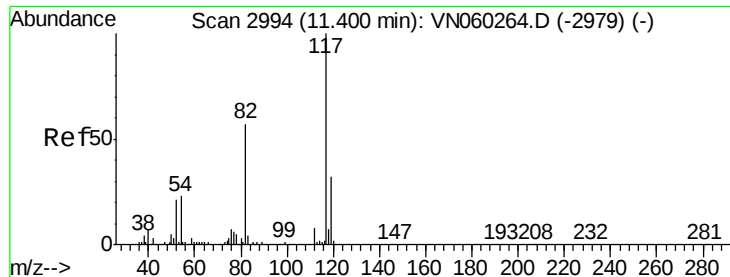
40000

20000

0

Time-->

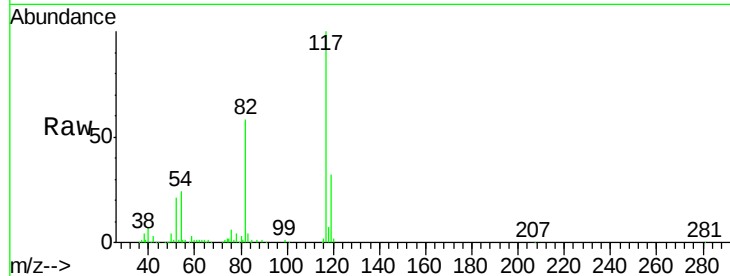




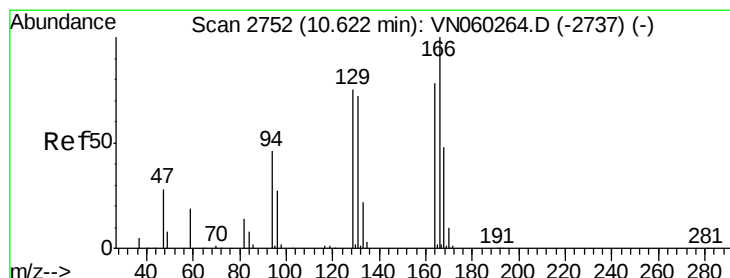
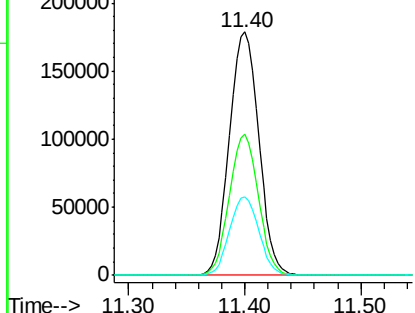
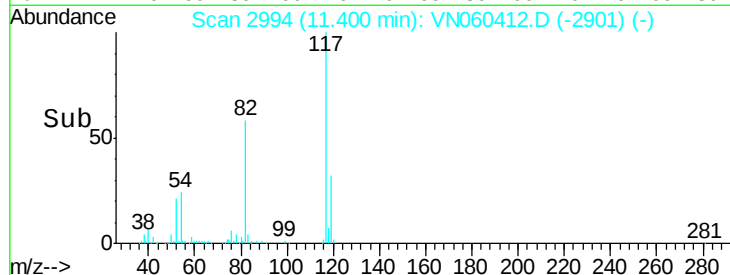
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060412.D
Acq: 10 Mar 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tot Ion:117 Resp: 313751
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 32.0 25.8 38.8

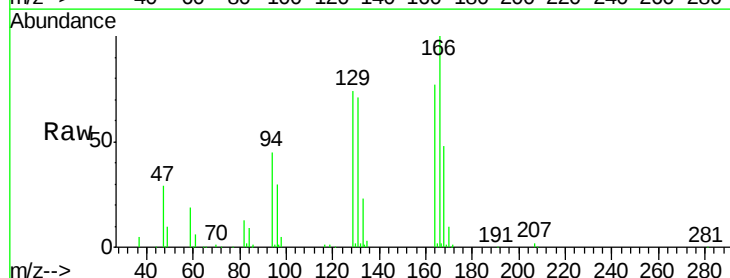


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

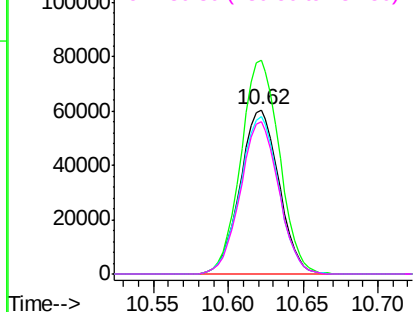
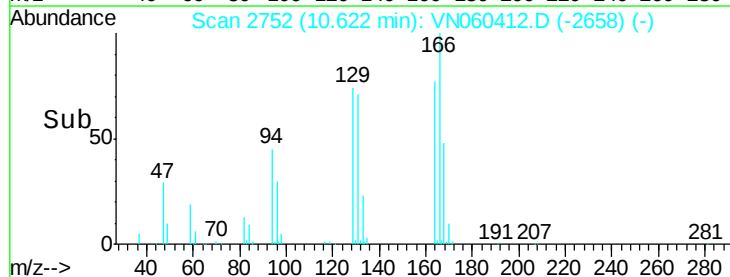


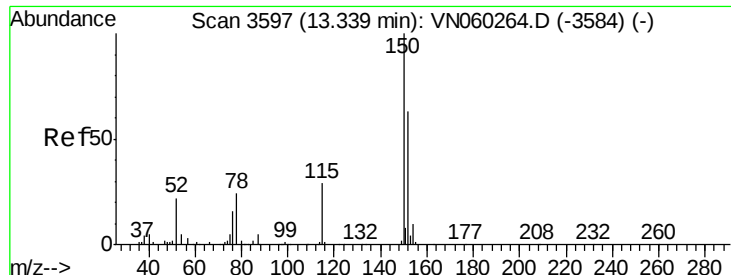
#64
Tetrachloroethene
Concen: 43.803 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060412.D
Acq: 10 Mar 2020 13:30

Tgt Ion:164 Resp: 108641
Ion Ratio Lower Upper
164 100
166 130.1 102.0 153.0
129 95.9 76.4 114.6
131 92.9 73.6 110.4



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060412.D

Acq: 10 Mar 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

MW-2

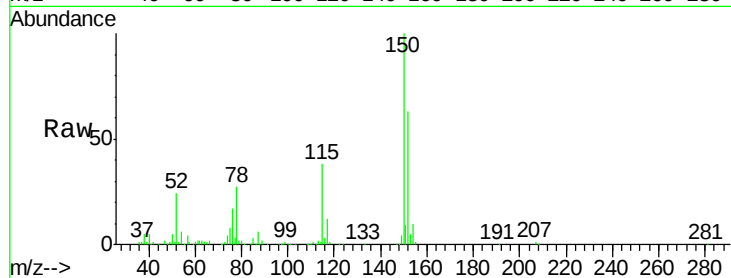
Tot Ion:152 Resp: 144352

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.2 0.0 349.6



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

