

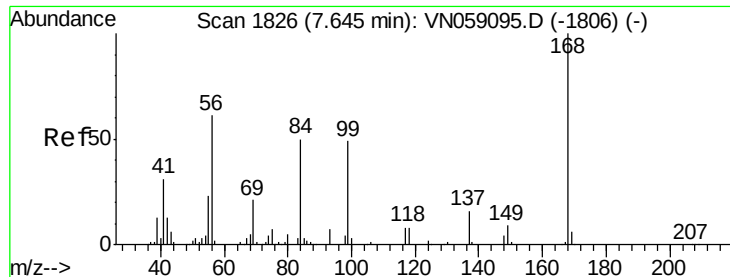
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059190.D
 Acq On : 12 Nov 2019 15:07
 Operator : JC/SP
 Sample : K5799-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-303-SRI4

Quant Time: Nov 13 06:47:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	640590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	554422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276603	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
35) Dibromofluoromethane	7.57	113	210291	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
50) Toluene-d8	10.08	98	809033	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.40	95	254080	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	4150	1.072	ug/l	89
16) Acetone	3.79	43	4479	1.689	ug/l	89
44) Trichloroethene	8.81	130	7061	1.593	ug/l	95
64) Tetrachloroethene	10.63	164	33868	8.984	ug/l	98
95) Naphthalene	15.13	128	48632	7.535	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

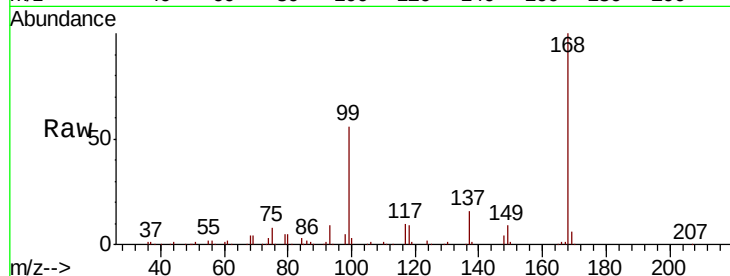
MW-303-SRI4

Tot Ion:168 Resp: 414896

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059190.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059190.D (-1733) (-)

7.64

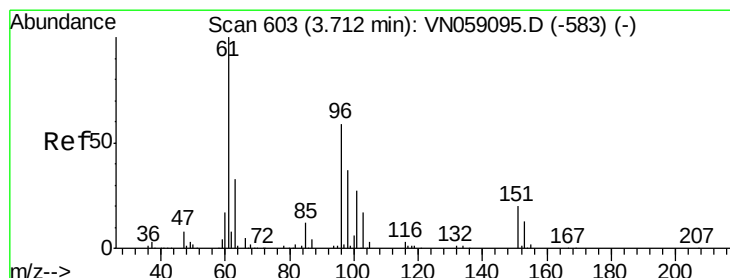
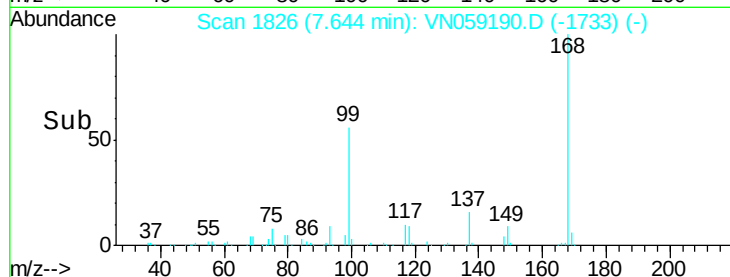
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#12

1,1-Dichloroethene

Concen: 1.072 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

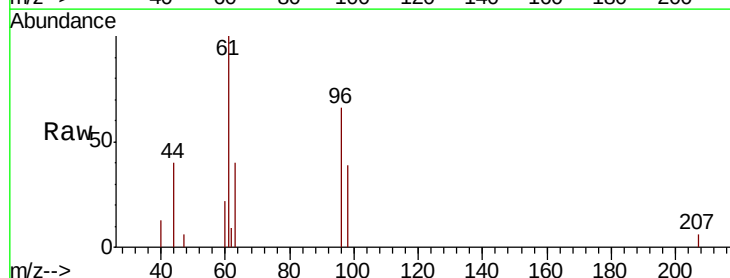
Tgt Ion: 96 Resp: 4150

Ion Ratio Lower Upper

96 100

61 151.3 136.5 204.7

98 59.3 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN059190.D (-510) (-)

Ion 60.90 (60.60 to 61.60): VN059190.D (-510) (-)

Ion 97.90 (97.60 to 98.60): VN059190.D (-510) (-)

3.72

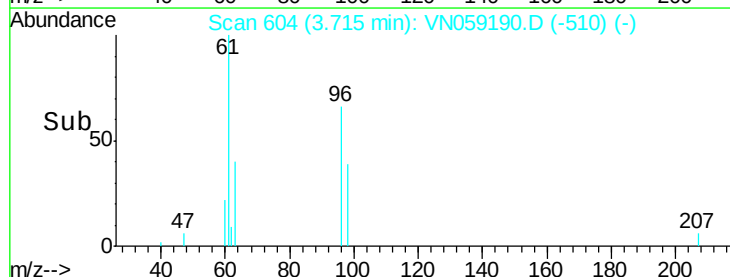
3000

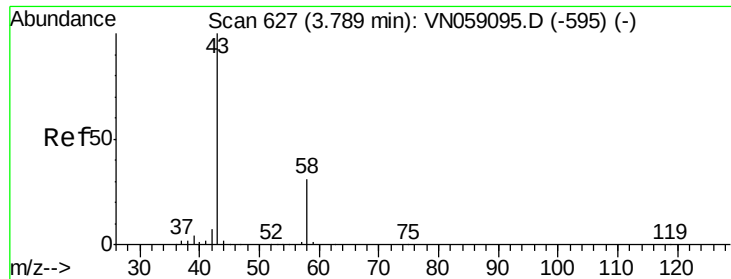
2000

1000

0

Time--> 3.65 3.70 3.75





#16

Acetone

Concen: 1.689 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

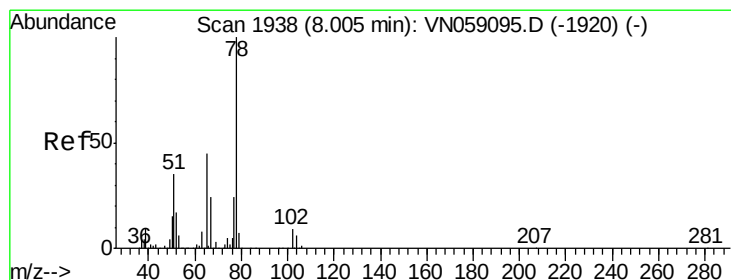
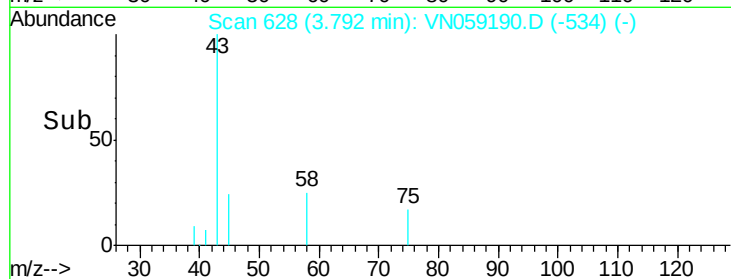
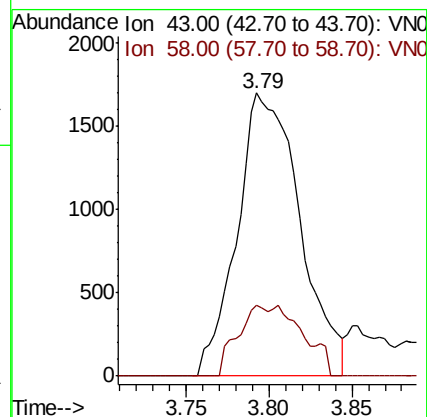
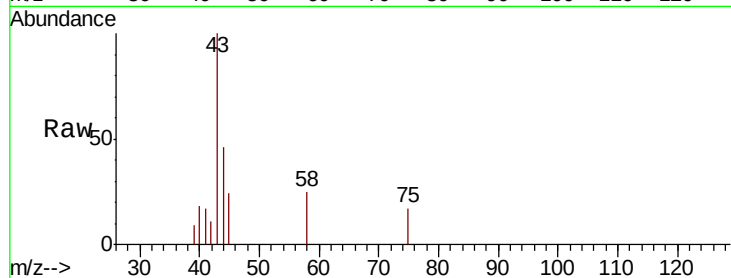
MW-303-SRI4

Tot Ion: 43 Resp: 4479

Ion Ratio Lower Upper

43 100

58 25.2 24.9 37.3



#33

1,2-Dichloroethane-d4

Concen: 54.234 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059190.D

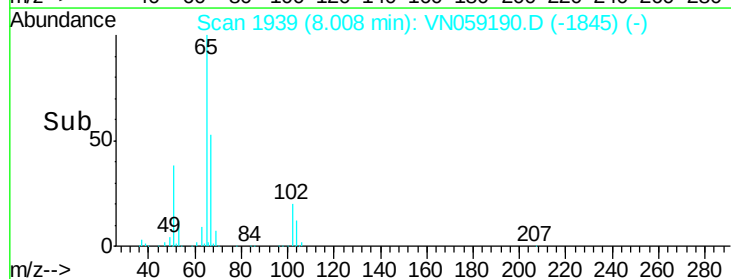
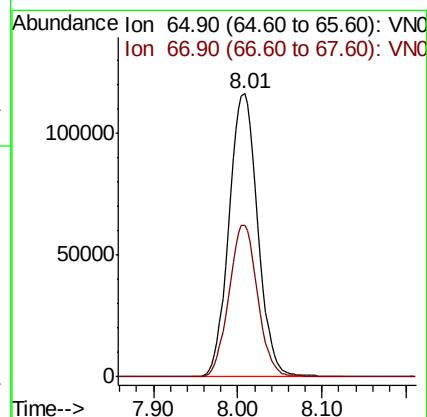
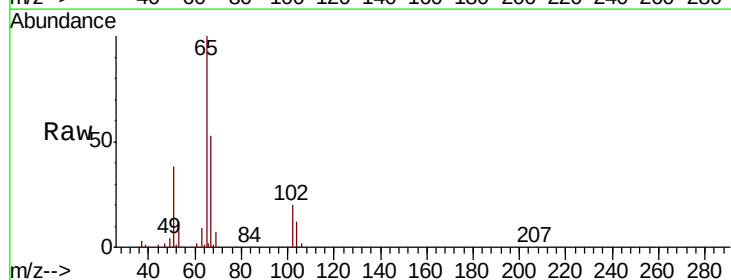
Acq: 12 Nov 2019 15:07

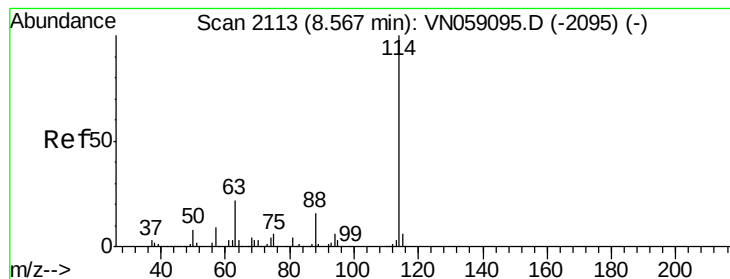
Tgt Ion: 65 Resp: 276603

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

MW-303-SRI4

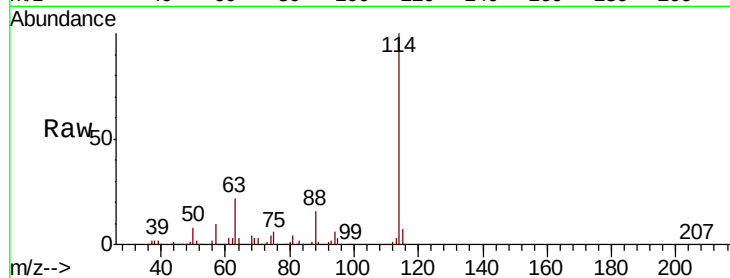
Tot Ion:114 Resp: 640590

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

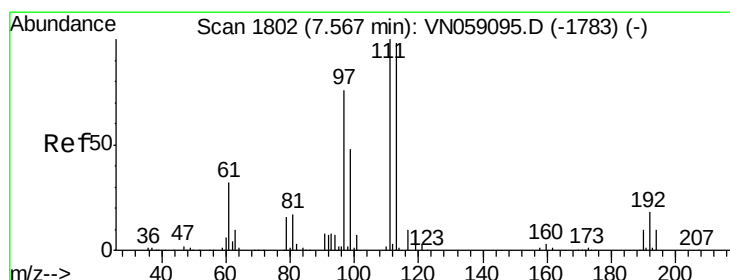
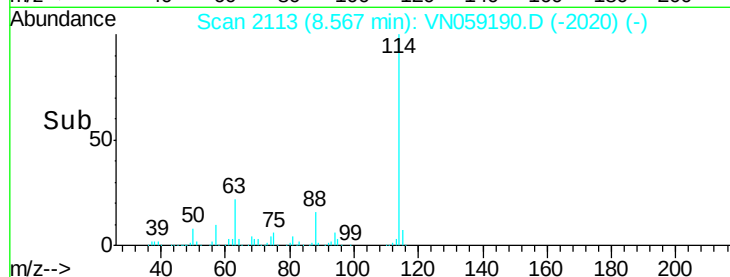
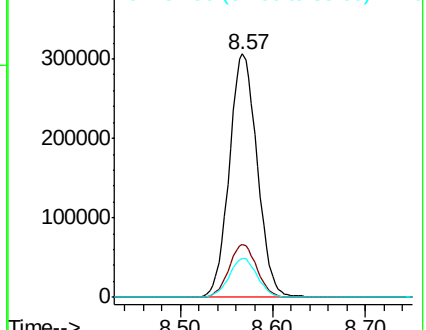
88 16.2 0.0 32.2



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: 54.979 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

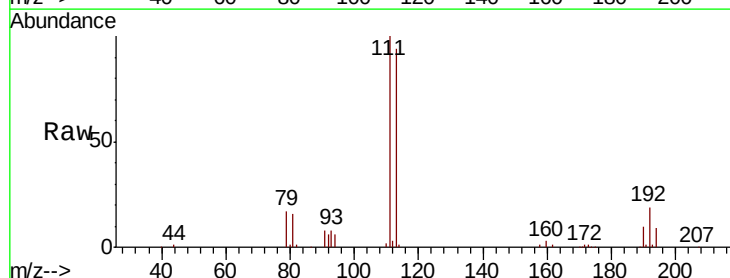
Tgt Ion:113 Resp: 210291

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

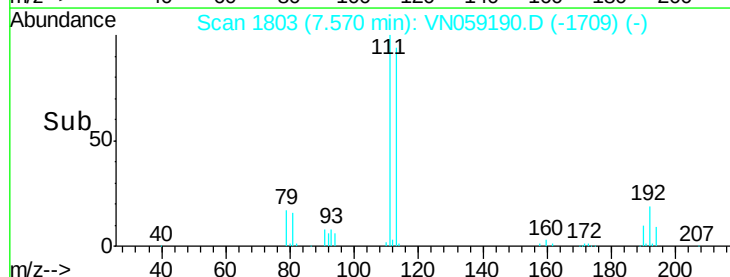
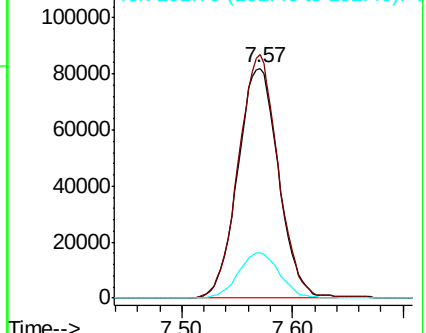
192 19.8 16.1 24.1

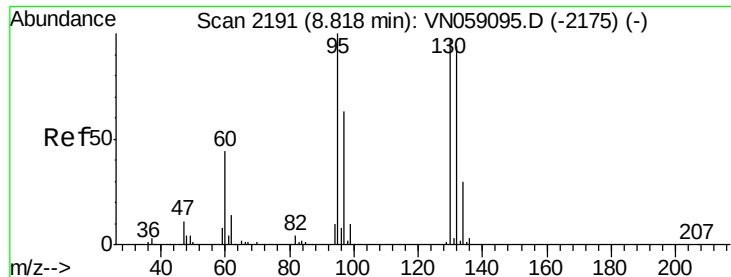


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.593 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

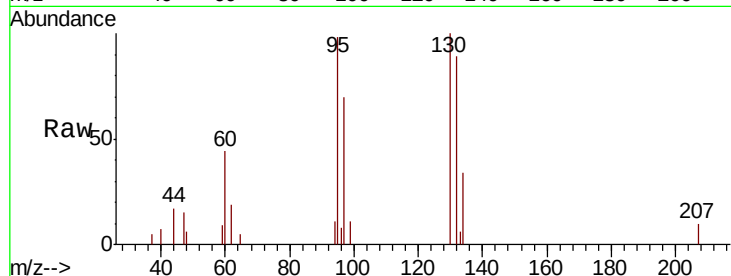
MW-303-SRI4

Tot Ion:130 Resp: 7061

Ion Ratio Lower Upper

130 100

95 98.4 0.0 206.4

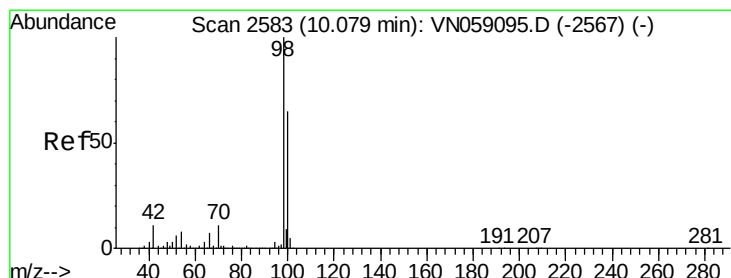
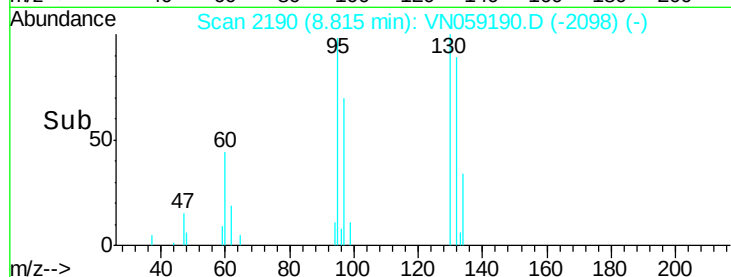


Abundance Ion 129.80 (129.50 to 130.50): VN059190.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059190.D (-2098) (-)

8.81

Time--> 8.75 8.80 8.85



#50

Toluene-d8

Concen: 53.699 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059190.D

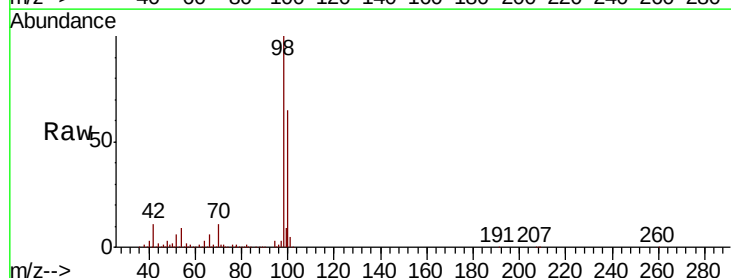
Acq: 12 Nov 2019 15:07

Tgt Ion: 98 Resp: 809033

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2

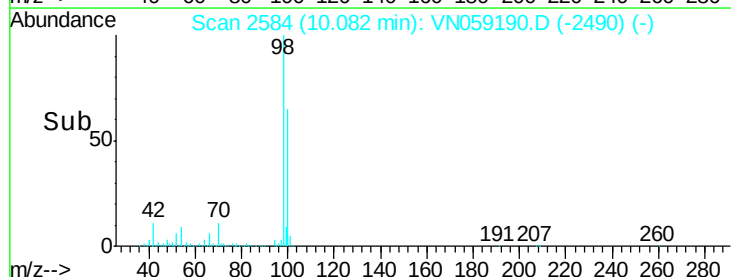


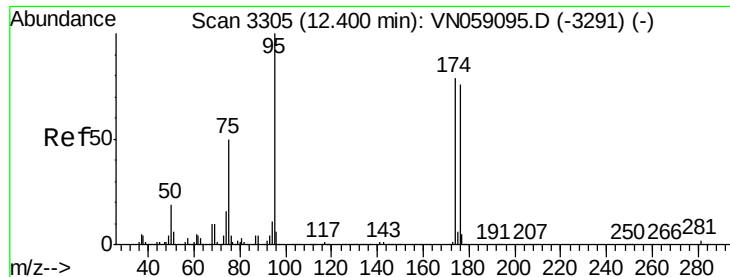
Abundance Ion 98.00 (97.70 to 98.70): VN059190.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059190.D (-2490) (-)

10.08

Time--> 10.00 10.10

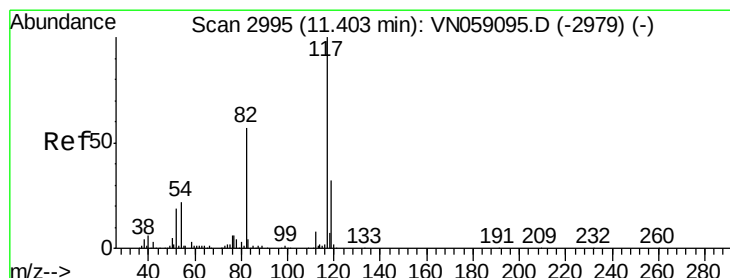
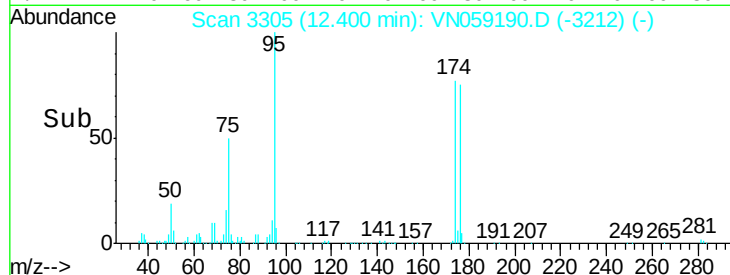
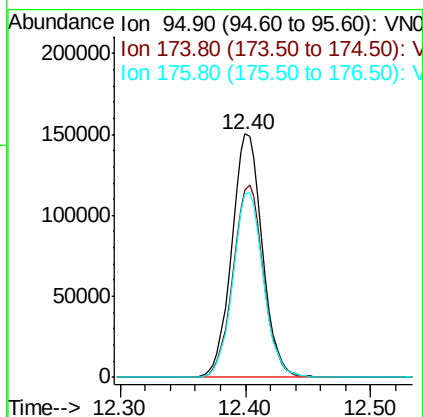
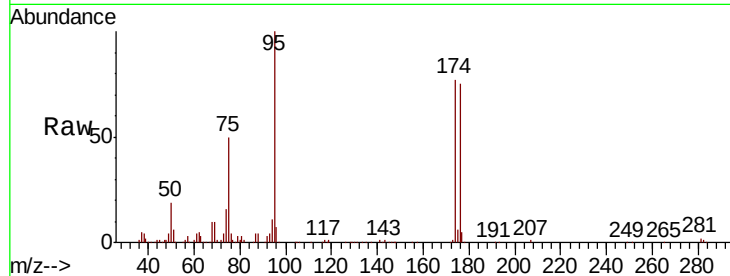




#62
4-Bromofluorobenzene
Concen: 46.772 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059190.D
Acq: 12 Nov 2019 15:07

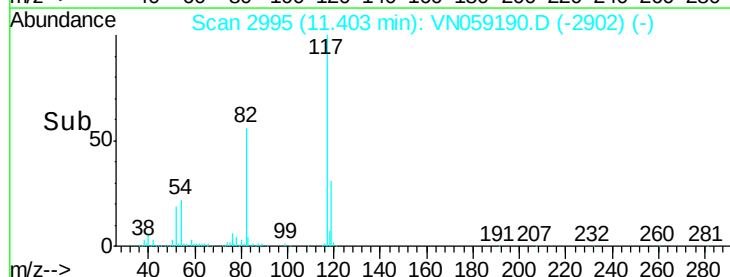
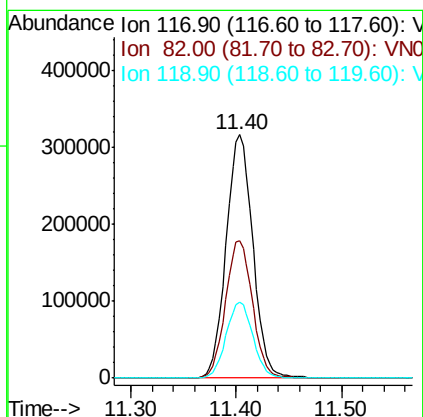
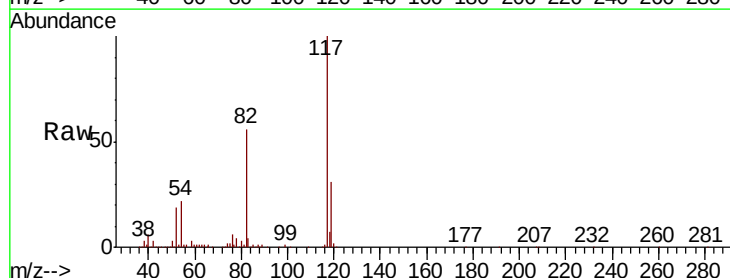
Instrument :
MSVOA_N
ClientSampleId :
MW-303-SRI4

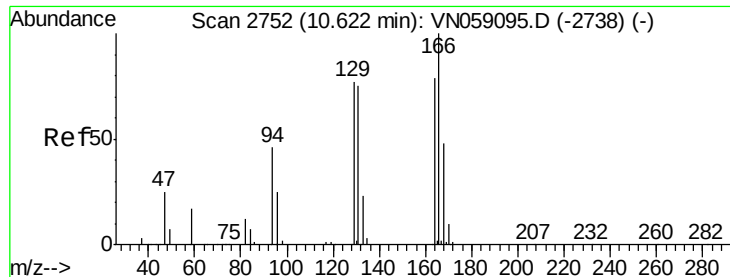
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	158.2
176	75.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059190.D
Acq: 12 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.8	68.8
119	31.1	25.8	38.6





#64

Tetrachloroethene

Concen: 8.984 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

MW-303-SRI4

Tot Ion:164 Resp: 33868

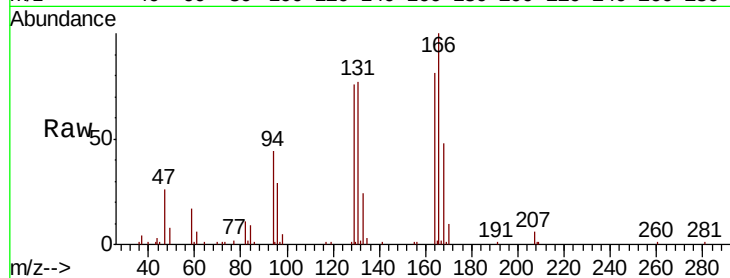
Ion Ratio Lower Upper

164 100

166 124.0 101.5 152.3

129 94.8 78.3 117.5

131 95.0 75.9 113.9

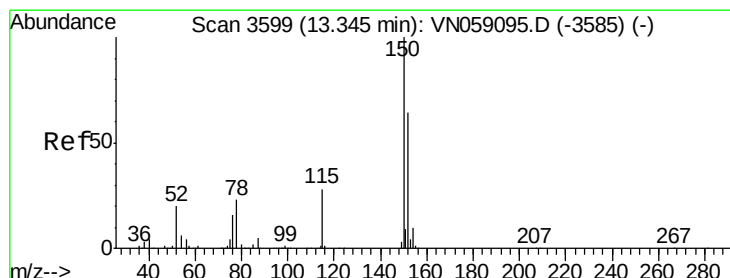
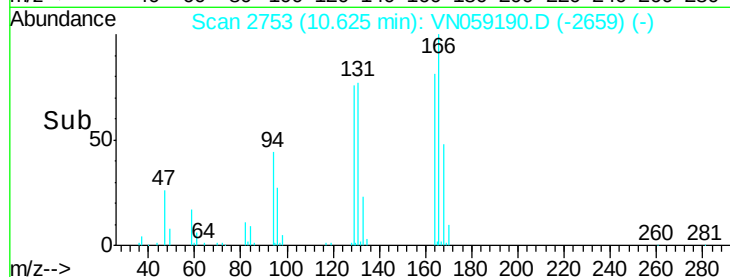
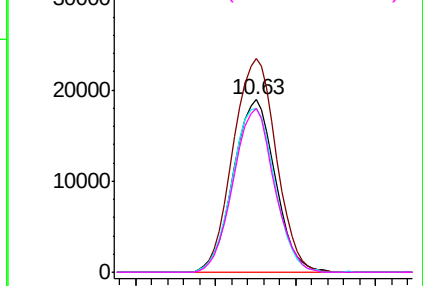


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

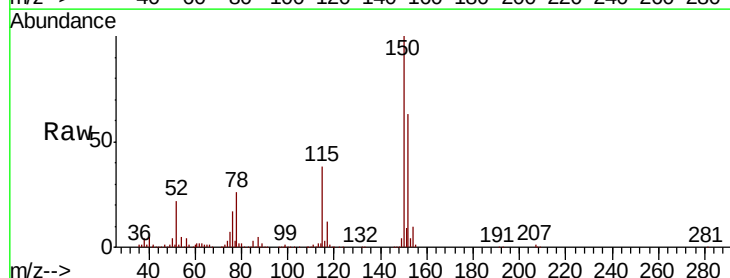
Tgt Ion:152 Resp: 196274

Ion Ratio Lower Upper

152 100

115 60.3 29.4 88.2

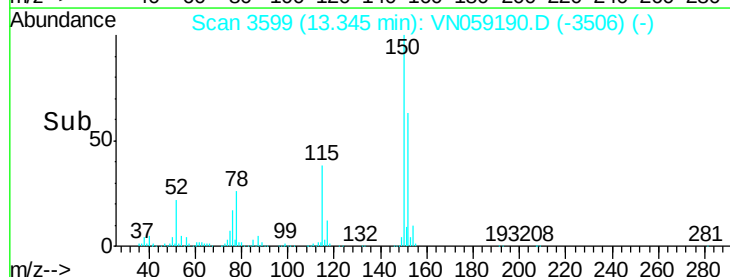
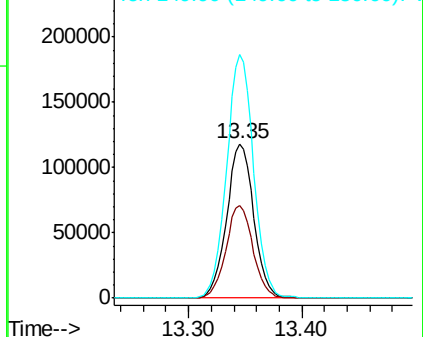
150 157.8 0.0 345.8

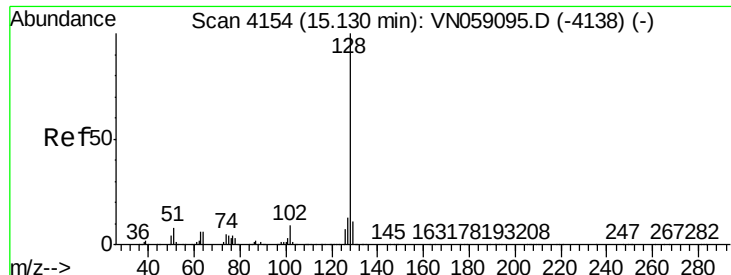


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 7.535 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059190.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

MW-303-SRI4

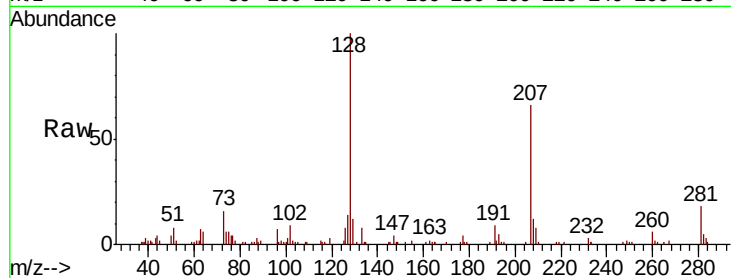
Tot Ion:128 Resp: 48632

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 12.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

