

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059158.D
 Acq On : 11 Nov 2019 14:09
 Operator : JC/SP
 Sample : K5769-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-317A-SRI4

Quant Time: Nov 12 02:49:49 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

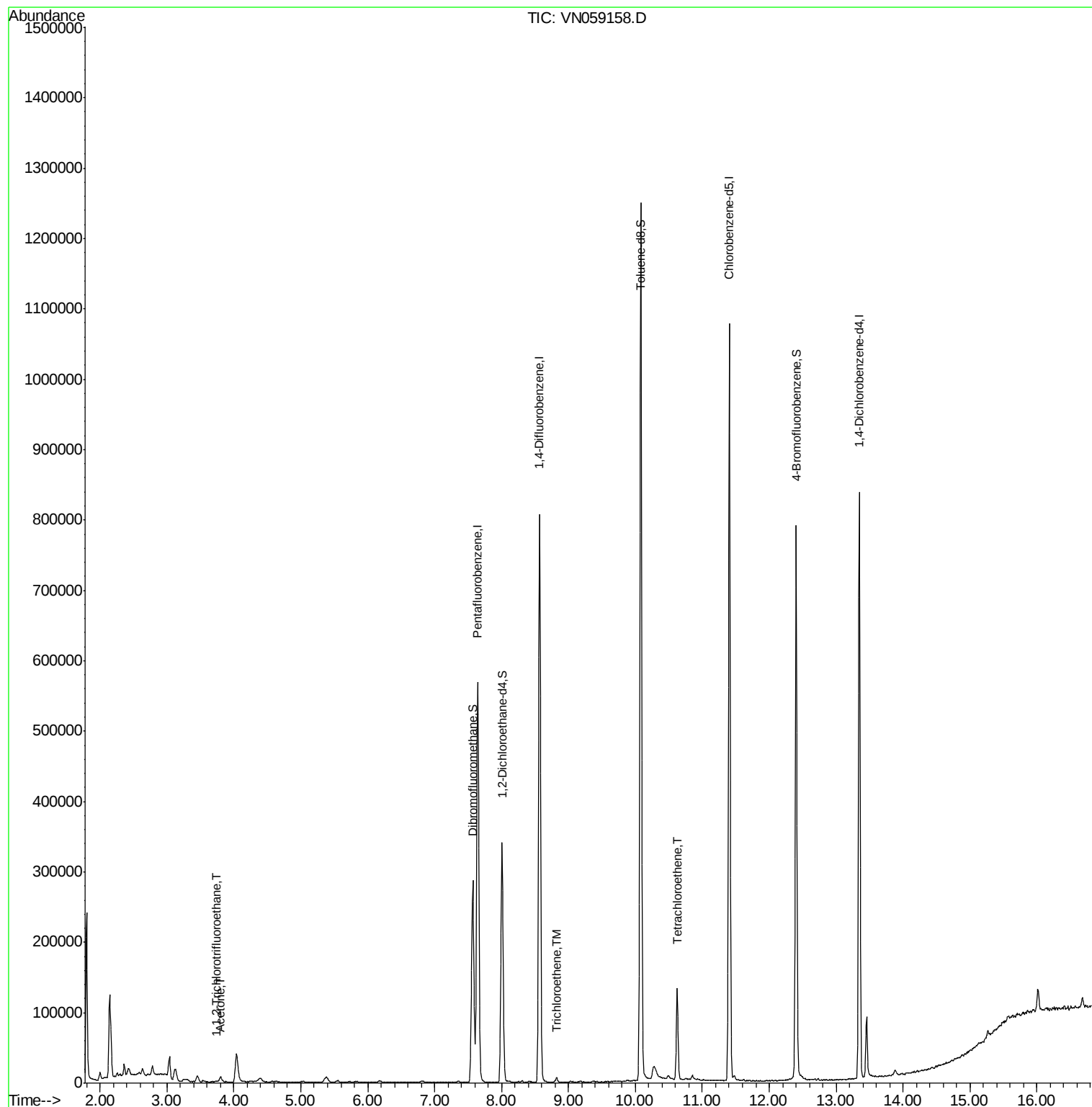
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	458800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	719350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	617165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	299392	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	7.57	113	222095	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.08	98	865934	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	272222	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1210	0.275	ug/l #	83
16) Acetone	3.80	43	12106	4.128	ug/l	100
44) Trichloroethene	8.82	130	2371	0.476	ug/l	95
64) Tetrachloroethene	10.63	164	30258	7.210	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111119\
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QLast Update : Thu Nov 07 04:00:41 2019
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: VN059158.D

Acq: 11 Nov 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

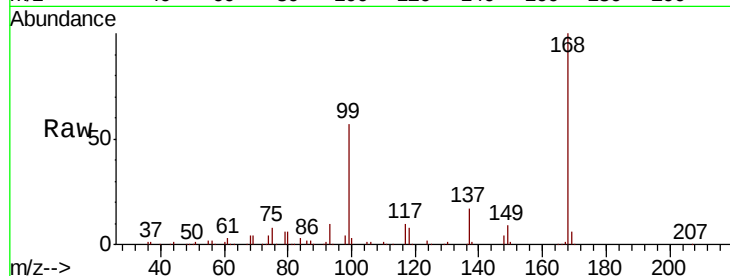
MW-317A-SRI4

Tot Ion:168 Resp: 458800

Ion Ratio Lower Upper

168 100

99 57.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

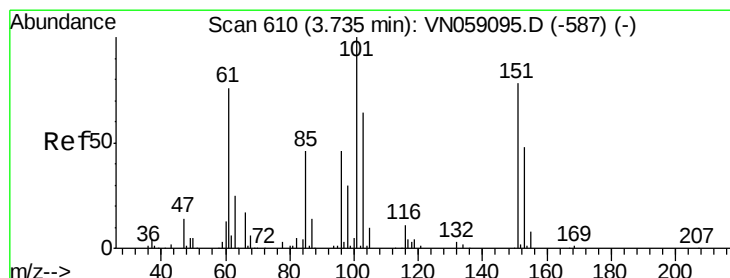
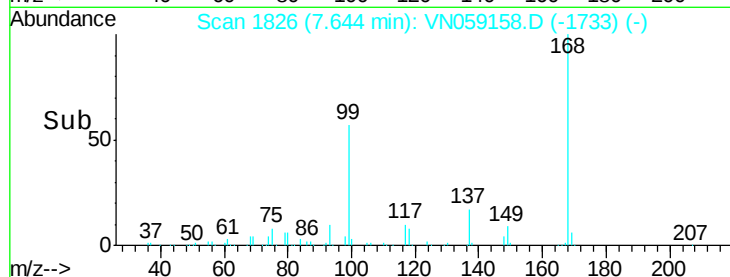
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.275 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059158.D

Acq: 11 Nov 2019 14:09

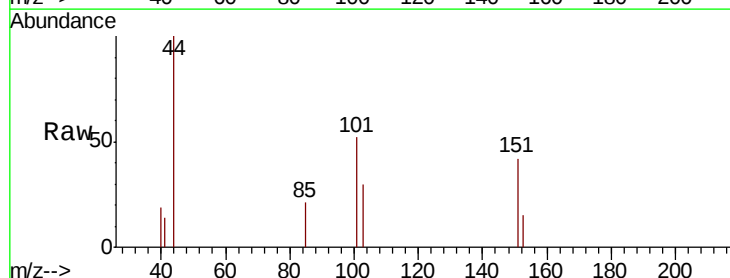
Tgt Ion:101 Resp: 1210

Ion Ratio Lower Upper

101 100

85 26.8 35.5 53.3#

151 67.7 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.73

800

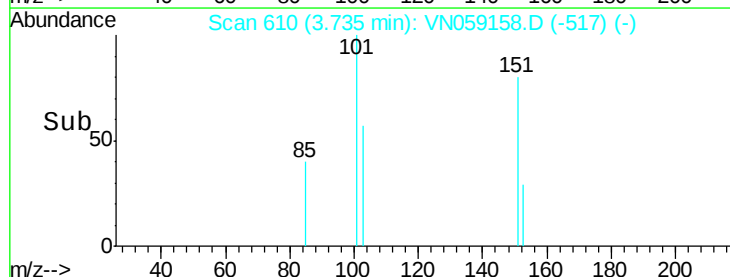
600

400

200

0

Time-->





#16

Acetone

Concen: 4.128 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059158.D

Acq: 11 Nov 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

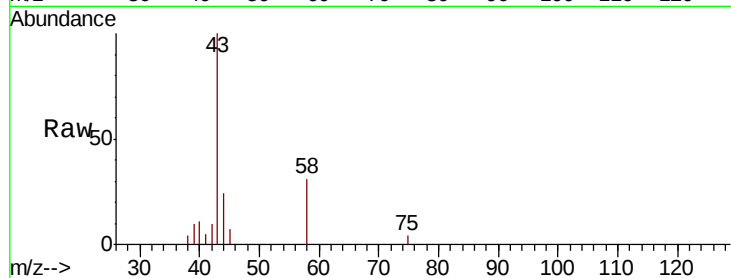
MW-317A-SRI4

Tot Ion: 43 Resp: 12106

Ion Ratio Lower Upper

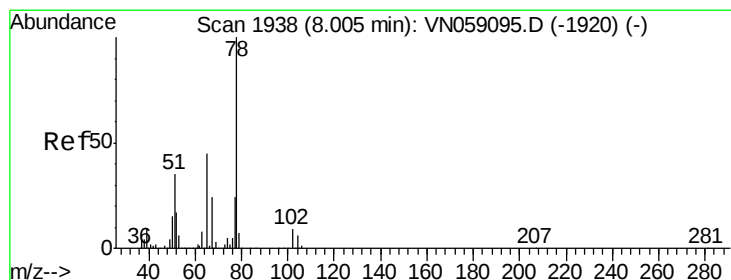
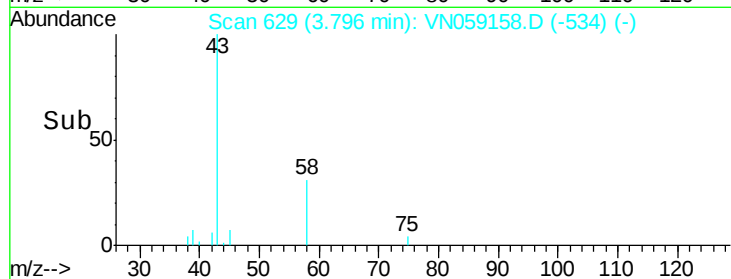
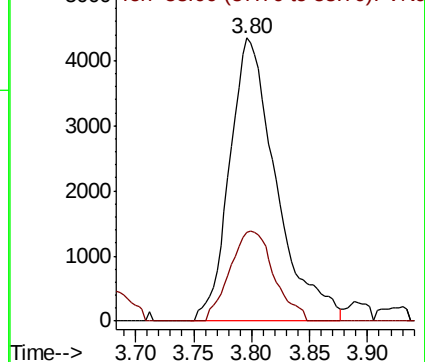
43 100

58 31.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.085 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059158.D

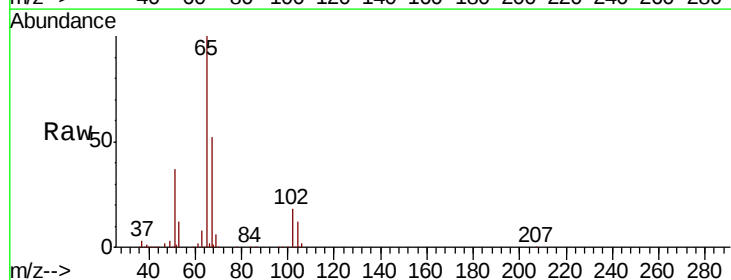
Acq: 11 Nov 2019 14:09

Tgt Ion: 65 Resp: 299392

Ion Ratio Lower Upper

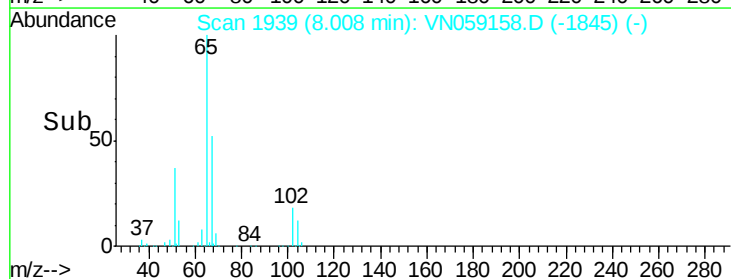
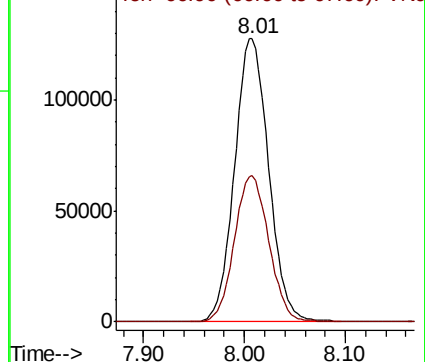
65 100

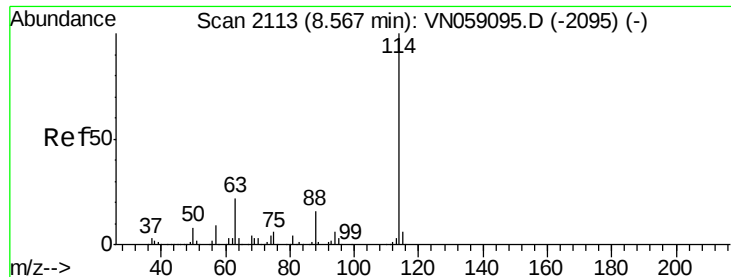
67 52.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059095.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059095.D (-1920) (-)

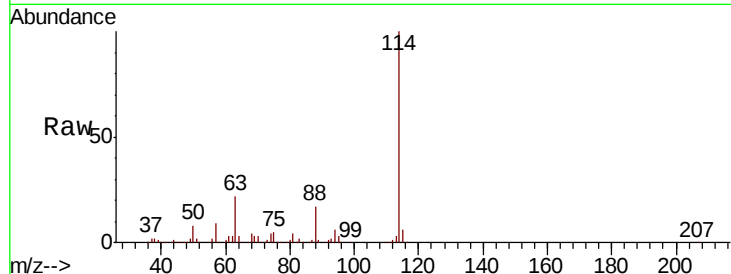




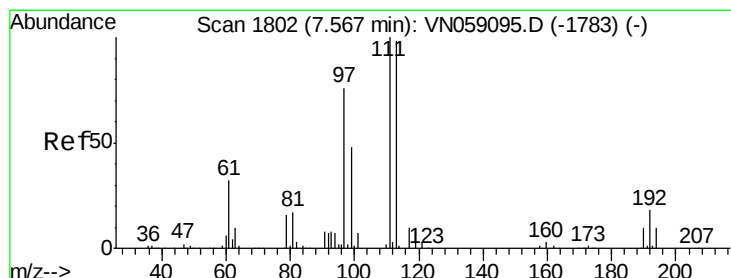
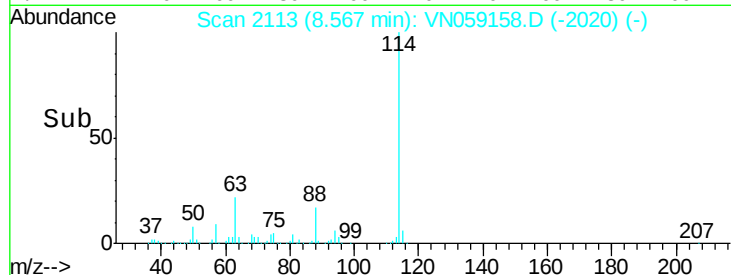
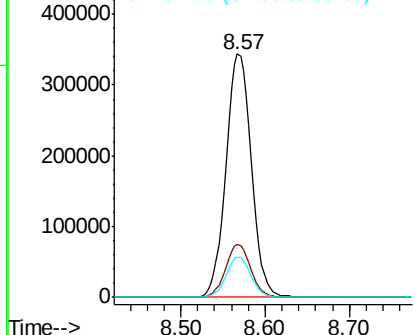
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059158.D
 Acq: 11 Nov 2019 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-317A-SRI4

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.4
88	16.5	0.0	32.2

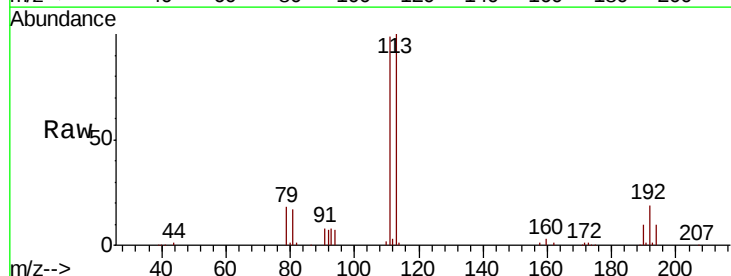


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

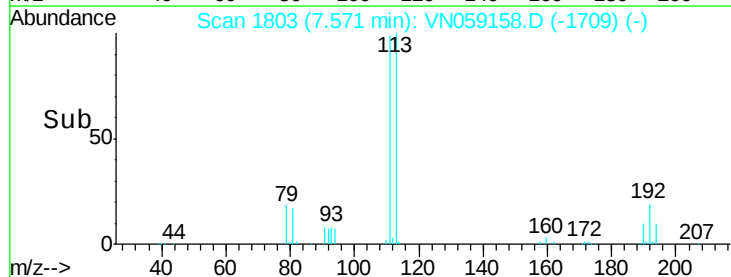
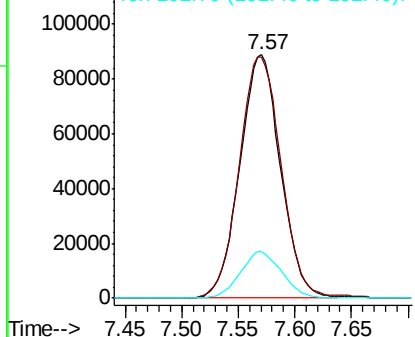


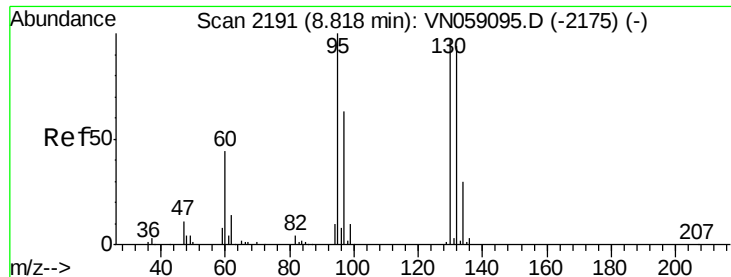
#35
 Dibromofluoromethane
 Concen: 51.707 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059158.D
 Acq: 11 Nov 2019 14:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	19.4	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: 0.476 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059158.D

Acq: 11 Nov 2019 14:09

Instrument :

MSVOA_N

ClientSampled :

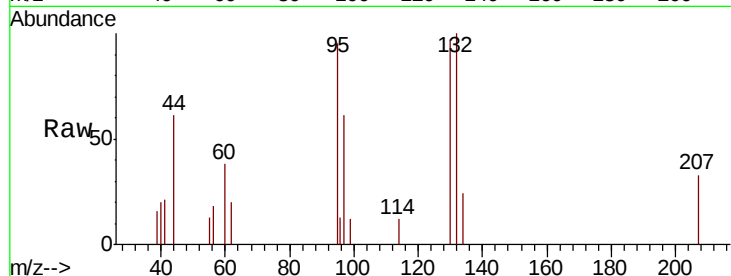
MW-317A-SRI4

Tot Ion:130 Resp: 2371

Ion Ratio Lower Upper

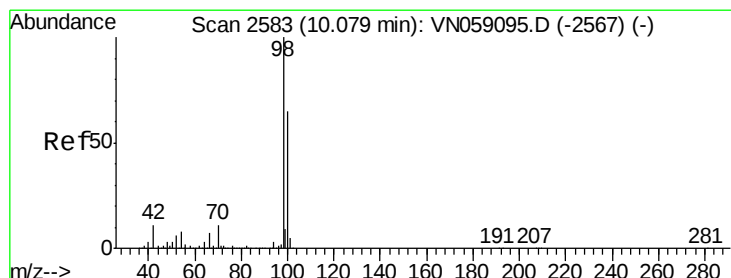
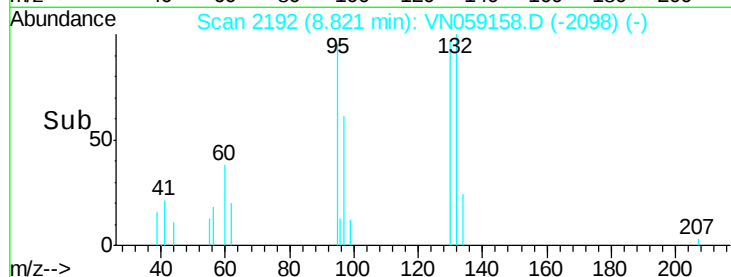
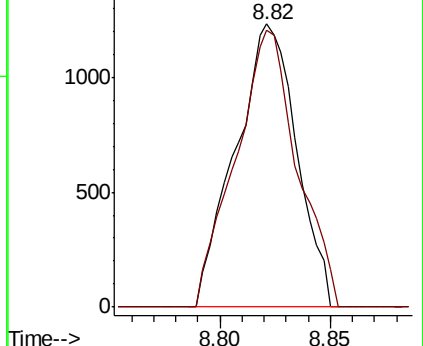
130 100

95 98.0 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.183 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059158.D

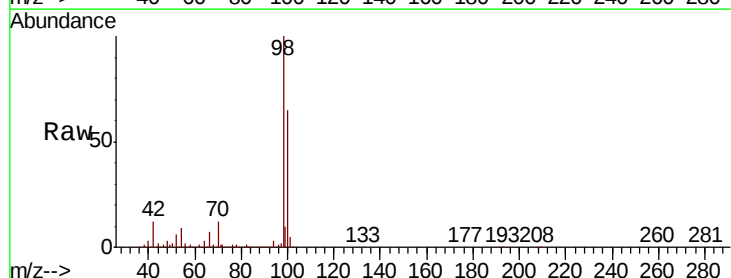
Acq: 11 Nov 2019 14:09

Tgt Ion: 98 Resp: 865934

Ion Ratio Lower Upper

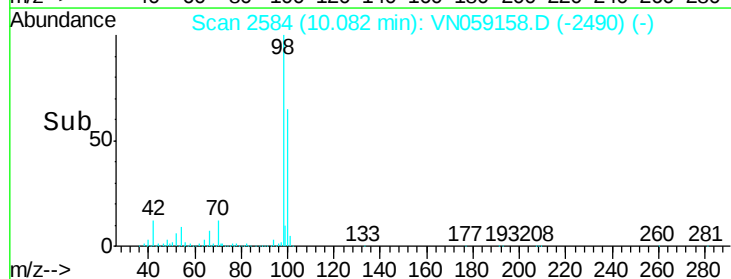
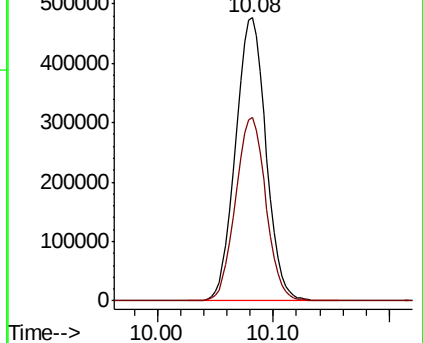
98 100

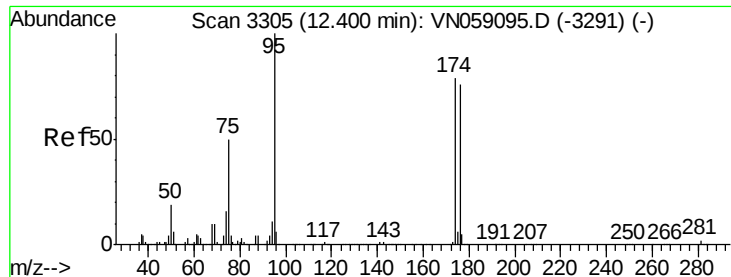
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

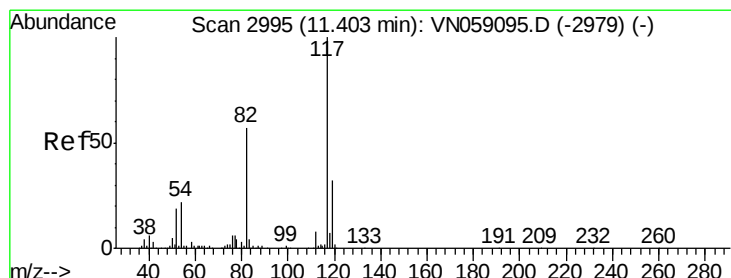
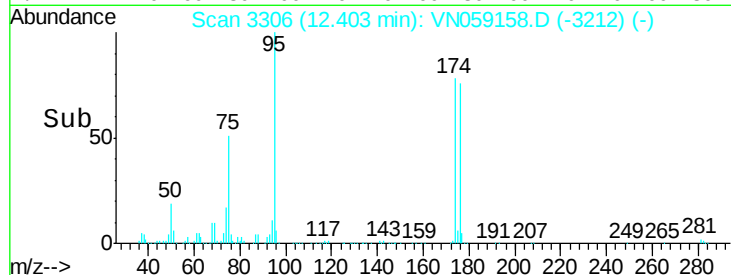
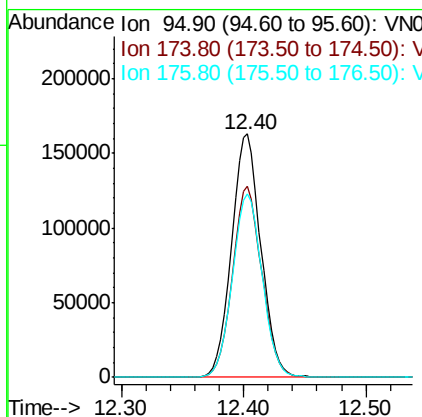
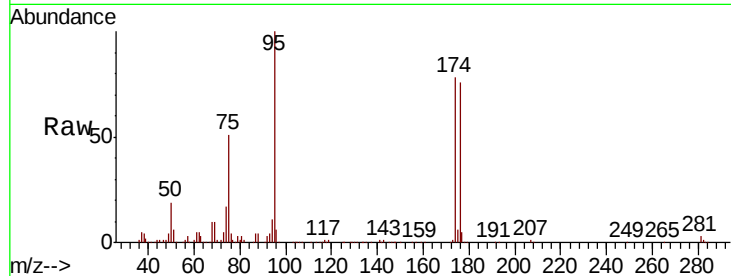




#62
4-Bromofluorobenzene
Concen: 44.625 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059158.D
Acq: 11 Nov 2019 14:09

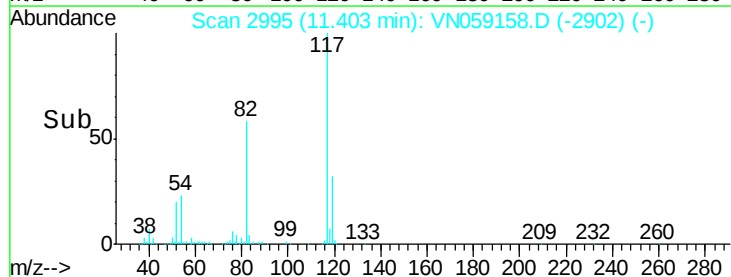
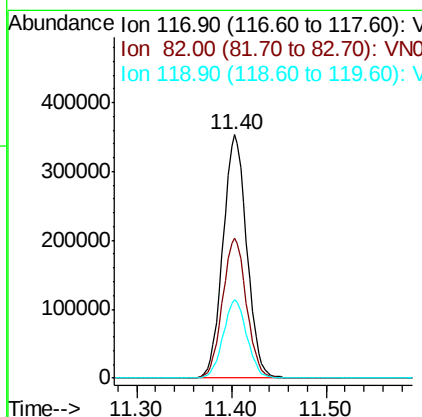
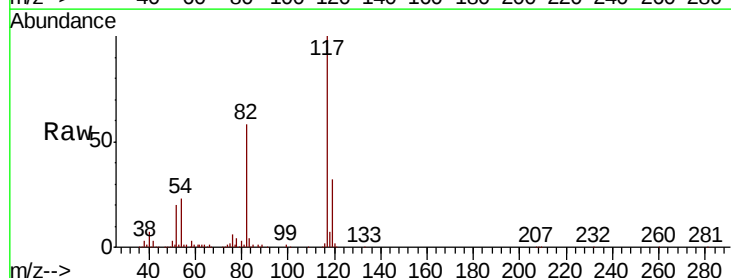
Instrument :
MSVOA_N
ClientSampleId :
MW-317A-SRI4

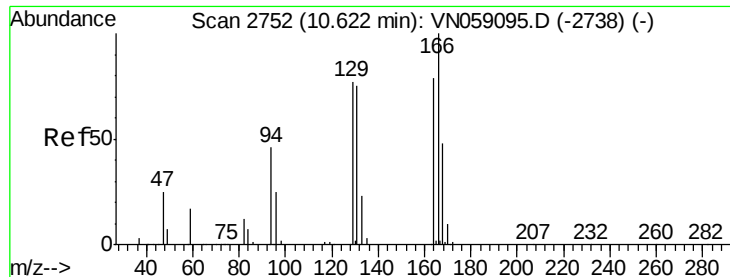
Tot Ion: 95 Resp: 272222
Ion Ratio Lower Upper
95 100
174 78.3 0.0 158.2
176 76.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059158.D
Acq: 11 Nov 2019 14:09

Tgt Ion: 117 Resp: 617165
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.8
119 32.1 25.8 38.6





#64

Tetrachloroethene

Concen: 7.210 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059158.D

Acq: 11 Nov 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

MW-317A-SRI4

Tot Ion:164 Resp: 30258

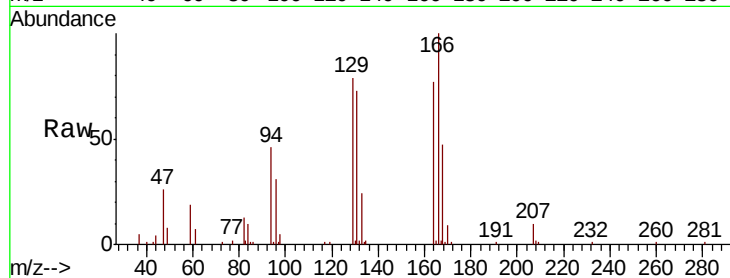
Ion Ratio Lower Upper

164 100

166 129.5 101.5 152.3

129 102.6 78.3 117.5

131 94.6 75.9 113.9

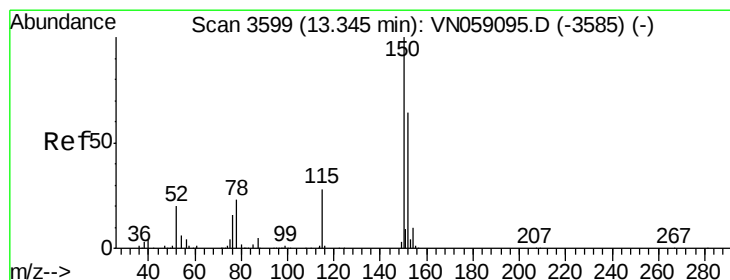
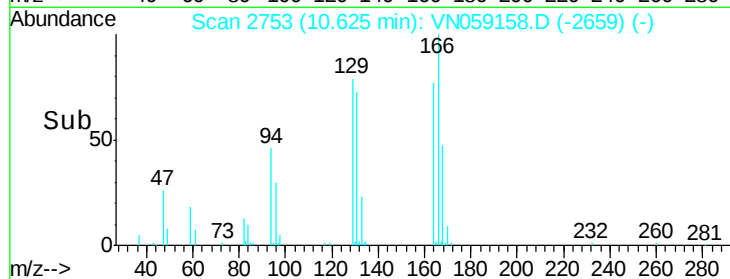
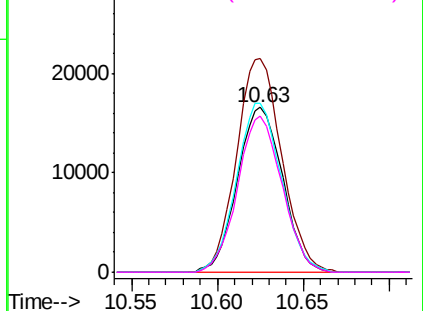


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN059158.D

Acq: 11 Nov 2019 14:09

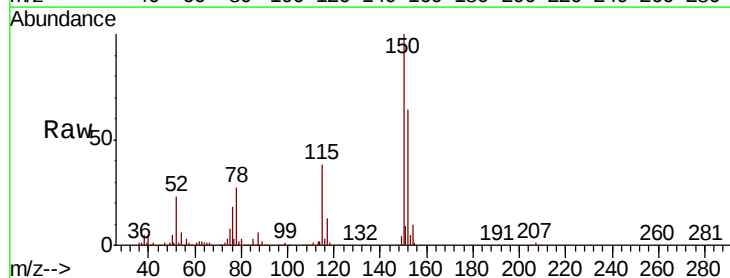
Tgt Ion:152 Resp: 222743

Ion Ratio Lower Upper

152 100

115 59.6 29.4 88.2

150 156.6 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

