

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059198.D
 Acq On : 12 Nov 2019 18:04
 Operator : JC/SP
 Sample : K5799-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-313-SRI4

Quant Time: Nov 13 07:24:36 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

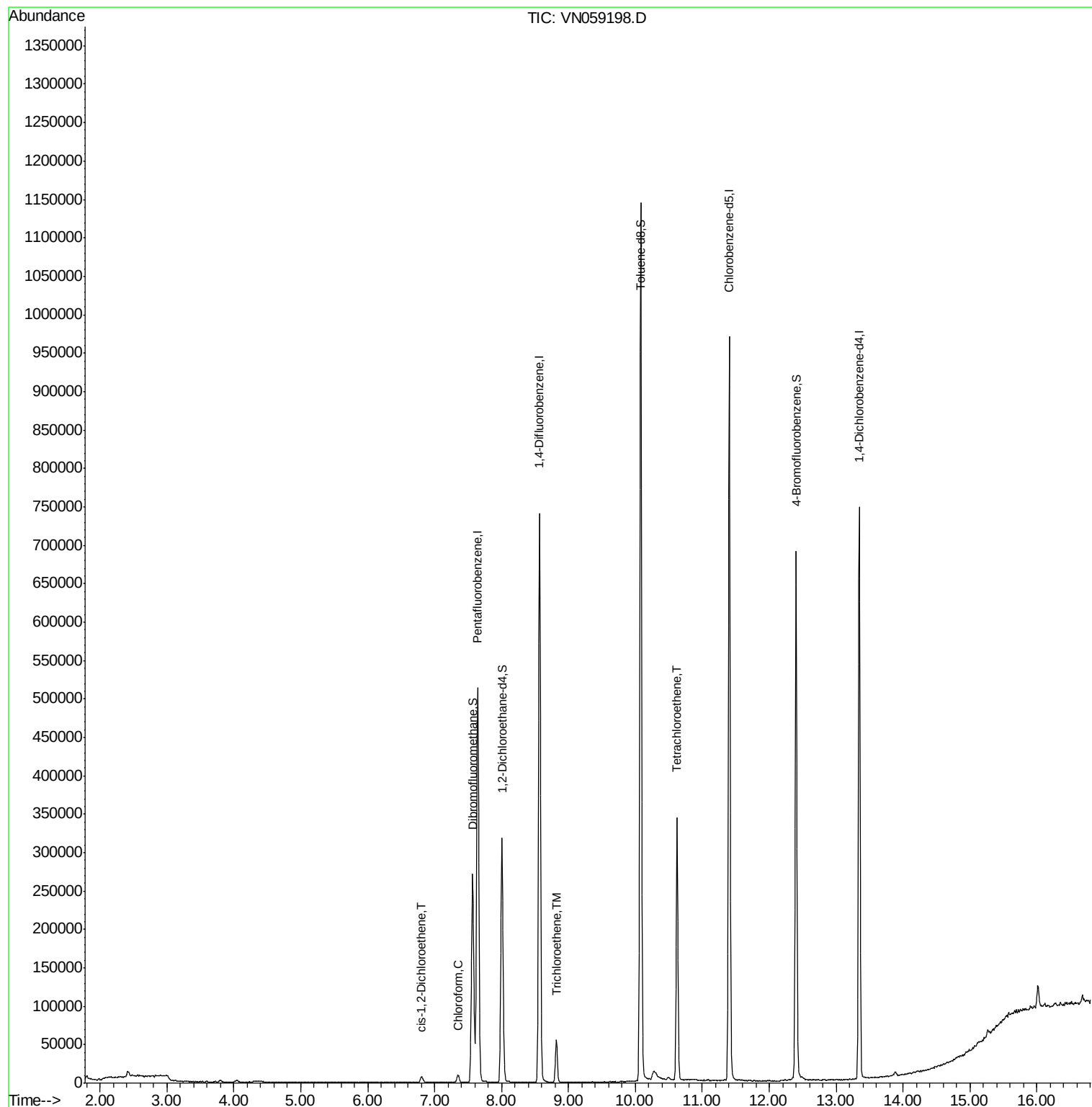
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	416813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	653211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	575463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	206075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	275958	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.57	113	206538	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.08	98	794976	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	246906	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	4988	1.030	ug/l	83
30) Chloroform	7.35	83	10167	1.258	ug/l	91
44) Trichloroethene	8.82	130	20221	4.474	ug/l	97
64) Tetrachloroethene	10.62	164	79378	20.285	ug/l	97

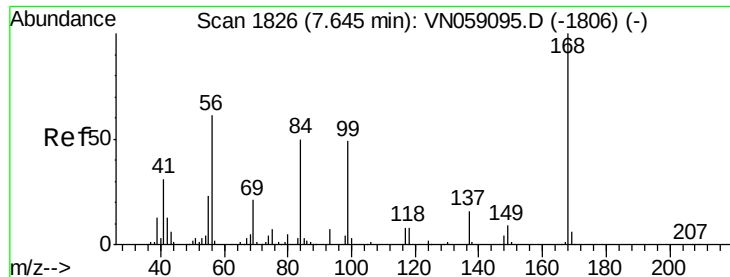
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN059198.D

Acq: 12 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

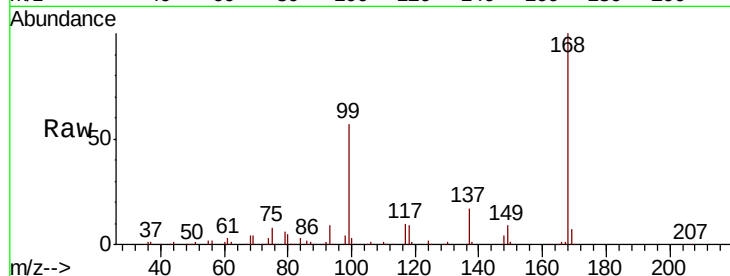
MW-313-SRI4

Tot Ion:168 Resp: 416813

Ion Ratio Lower Upper

168 100

99 56.8 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

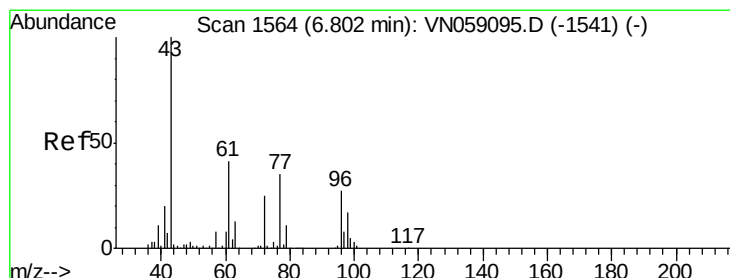
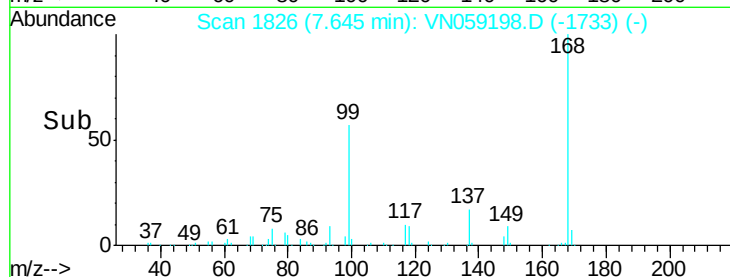
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#27

cis-1,2-Dichloroethene

Concen: 1.030 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN059198.D

Acq: 12 Nov 2019 18:04

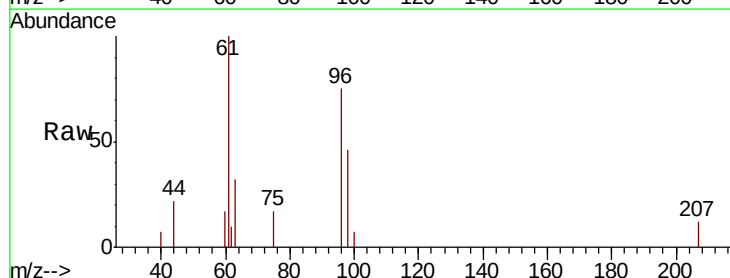
Tgt Ion: 96 Resp: 4988

Ion Ratio Lower Upper

96 100

61 127.1 0.0 311.6

98 61.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

3000

2500

2000

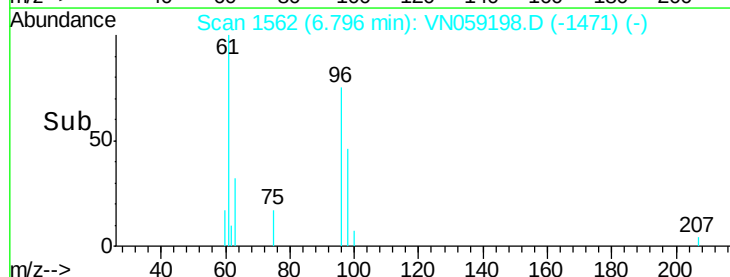
1500

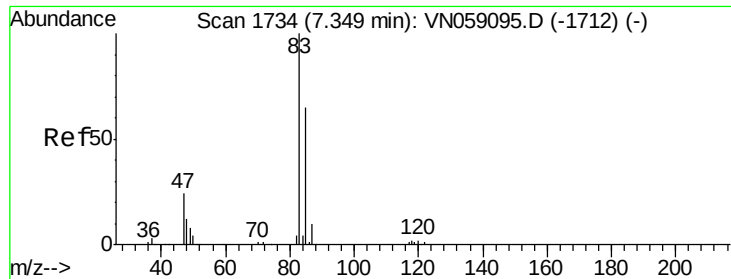
1000

500

0

Time--> 6.75 6.80 6.85 6.90

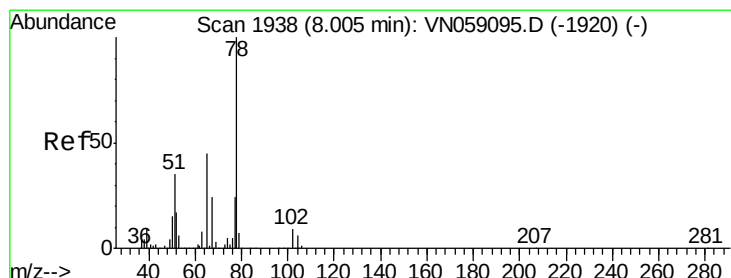
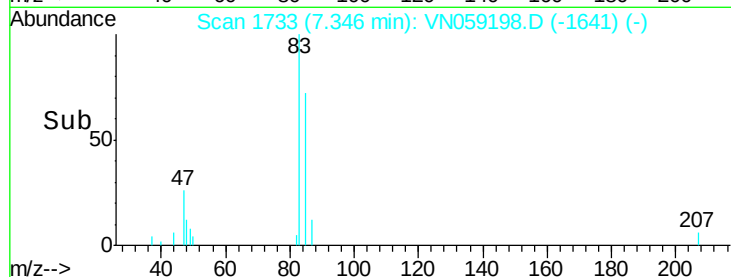
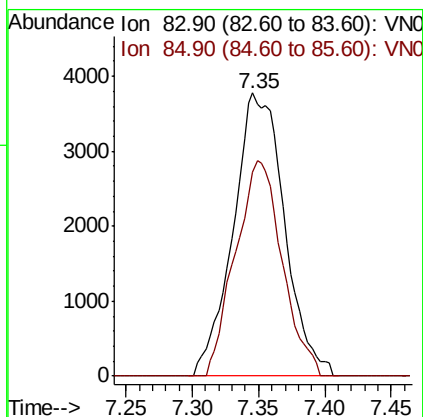
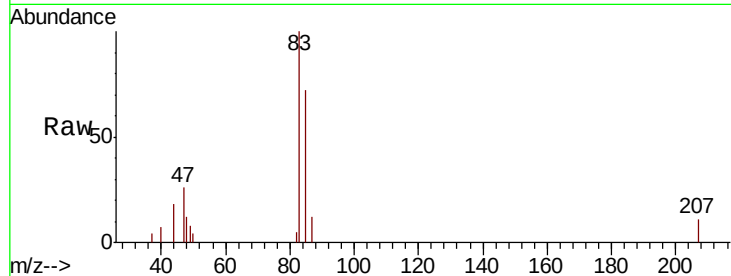




#30
Chloroform
Concen: 1.258 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059198.D
Acq: 12 Nov 2019 18:04

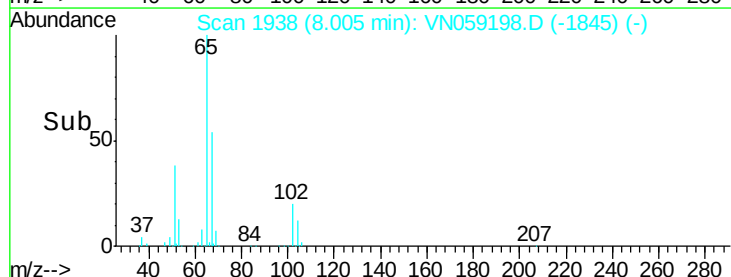
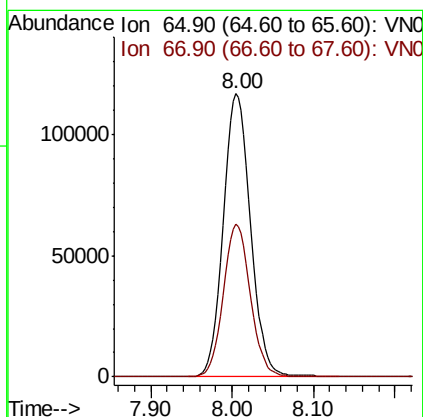
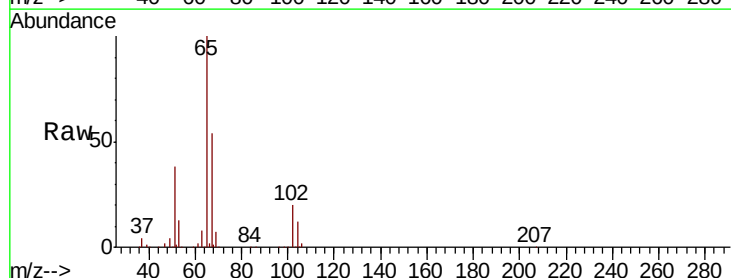
Instrument :
MSVOA_N
ClientSampleId :
MW-313-SRI4

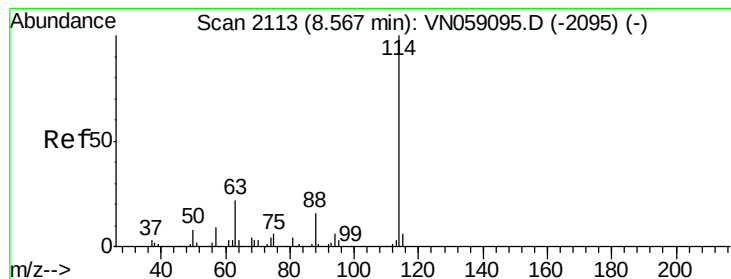
Tot Ion: 83 Resp: 10167
Ion Ratio Lower Upper
83 100
85 71.9 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 53.859 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059198.D
Acq: 12 Nov 2019 18:04

Tgt Ion: 65 Resp: 275958
Ion Ratio Lower Upper
65 100
67 53.5 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: VN059198.D

Acq: 12 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

MW-313-SRI4

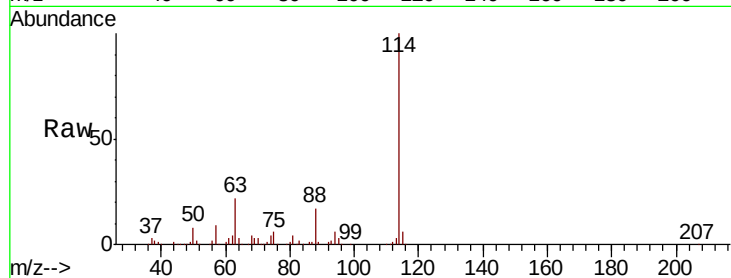
Tot Ion:114 Resp: 653211

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

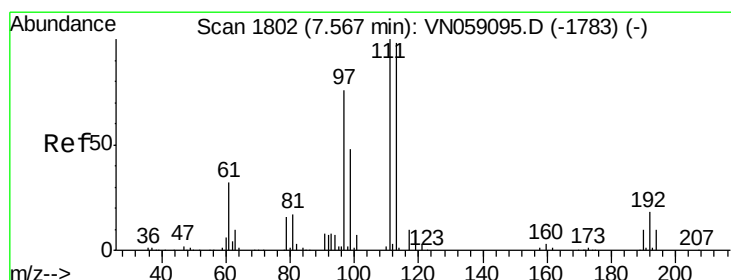
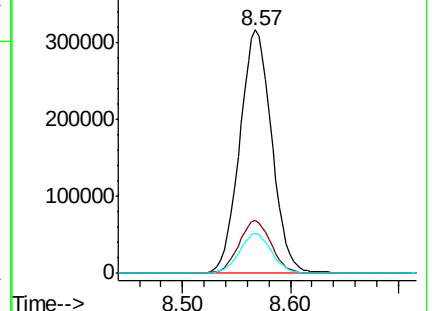
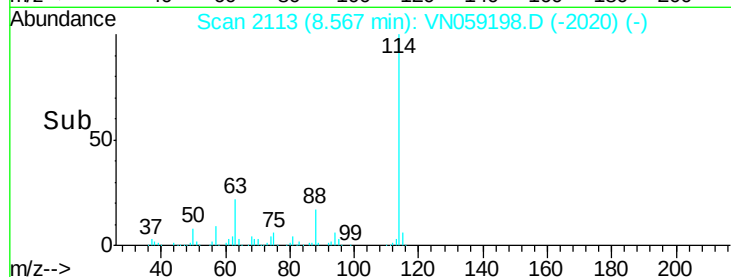
88 16.6 0.0 32.2



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: 52.954 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059198.D

Acq: 12 Nov 2019 18:04

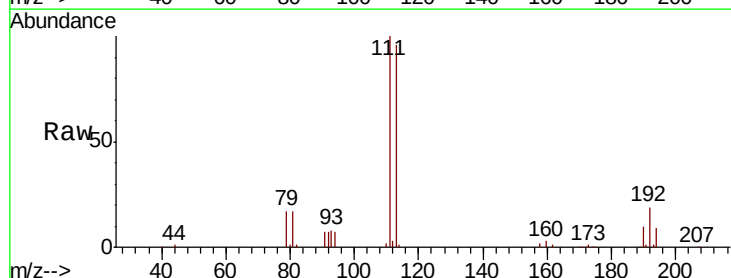
Tgt Ion:113 Resp: 206538

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

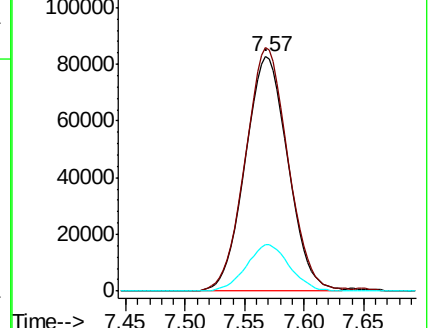
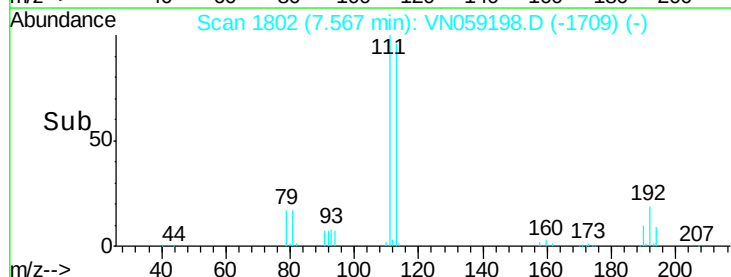
192 19.8 16.1 24.1

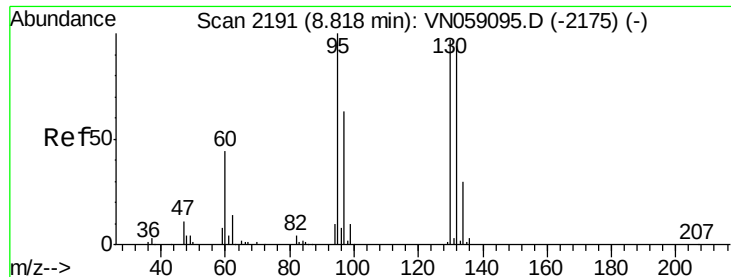


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.474 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059198.D

Acq: 12 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

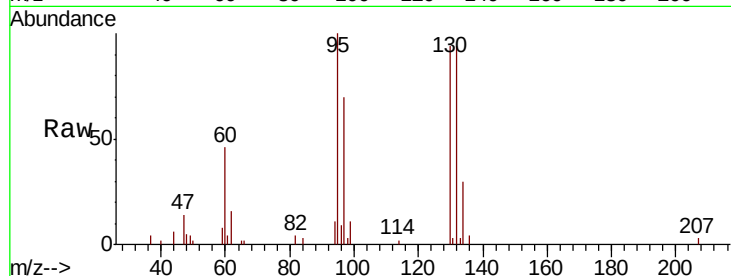
MW-313-SRI4

Tot Ion:130 Resp: 20221

Ion Ratio Lower Upper

130 100

95 106.0 0.0 206.4

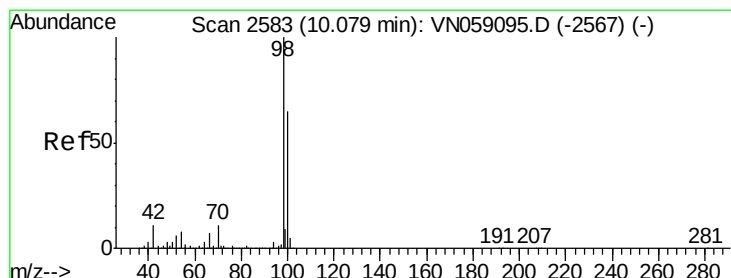
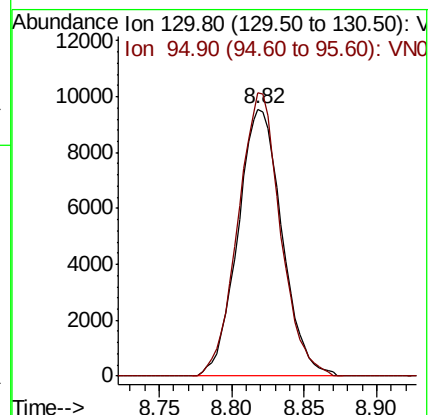
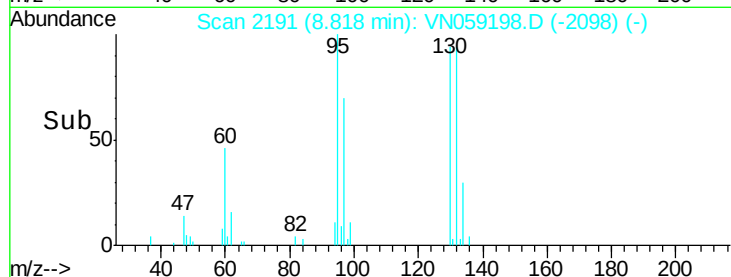


Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

8.82

Time-->



#50

Toluene-d8

Concen: 51.746 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059198.D

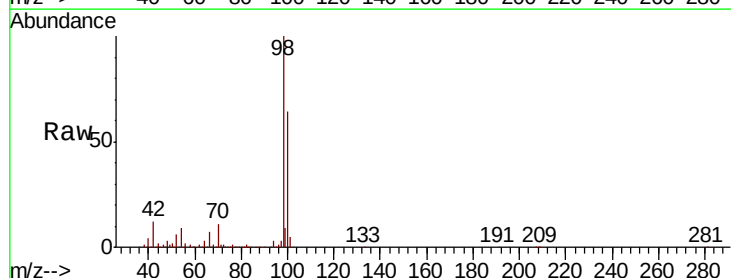
Acq: 12 Nov 2019 18:04

Tgt Ion: 98 Resp: 794976

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2

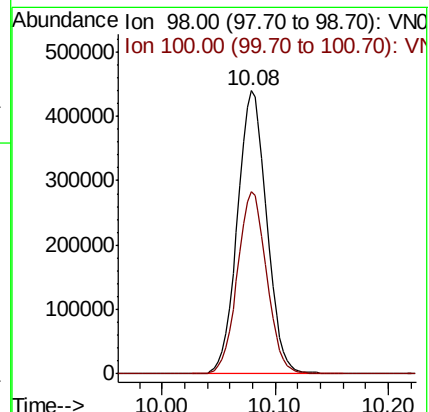
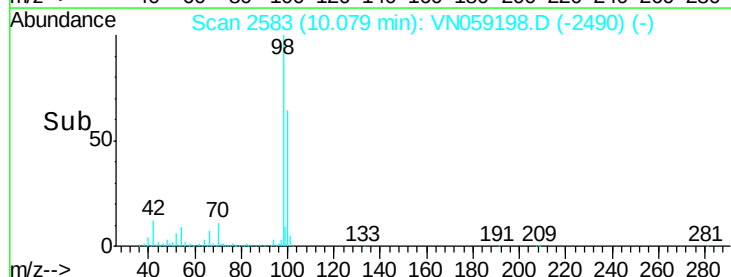


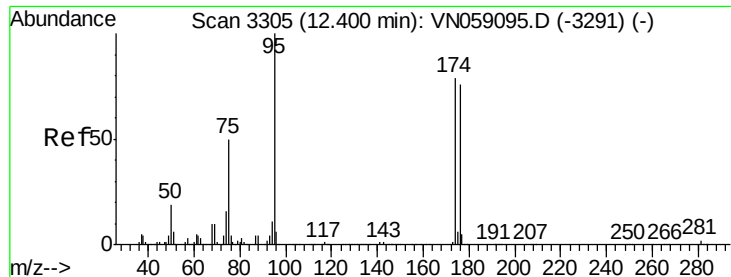
Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059095.D (-2567) (-)

10.08

Time-->





#62

4-Bromofluorobenzene

Concen: 44.573 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059198.D

Acq: 12 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

MW-313-SRI4

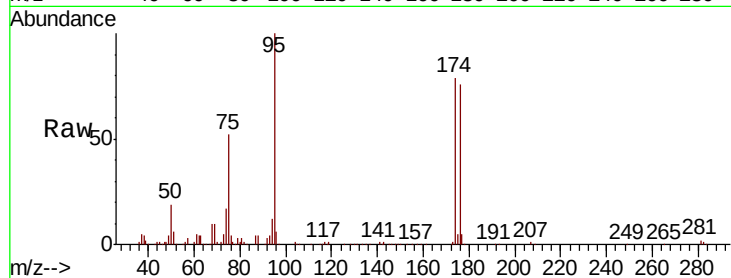
Tot Ion: 95 Resp: 246906

Ion Ratio Lower Upper

95 100

174 79.6 0.0 158.2

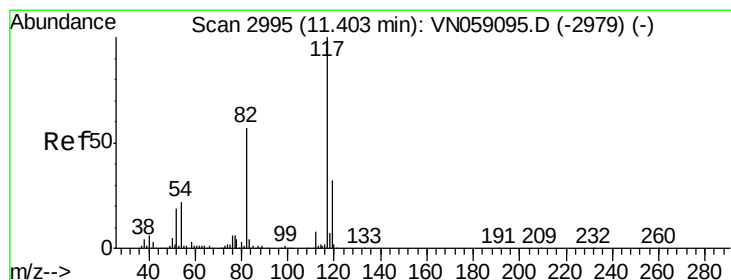
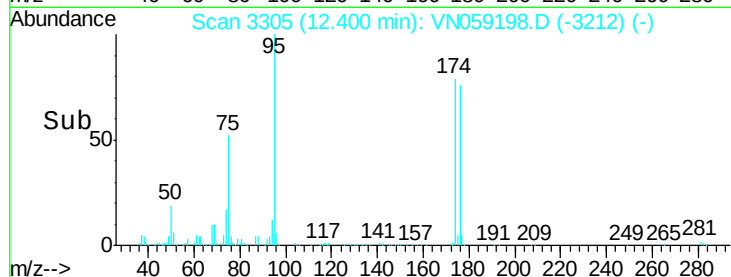
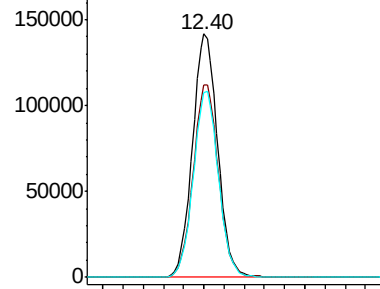
176 76.5 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059198.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059198.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059198.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059198.D

Acq: 12 Nov 2019 18:04

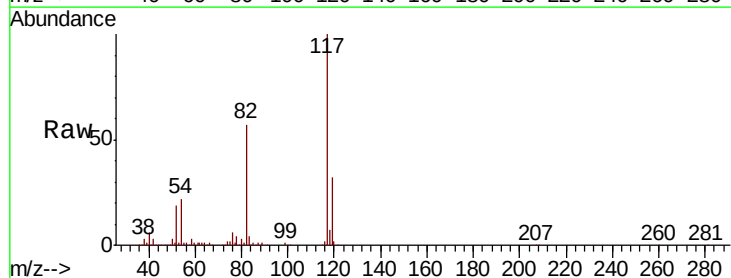
Tgt Ion: 117 Resp: 575463

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.8

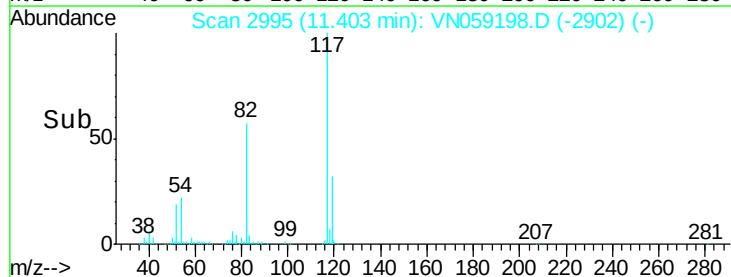
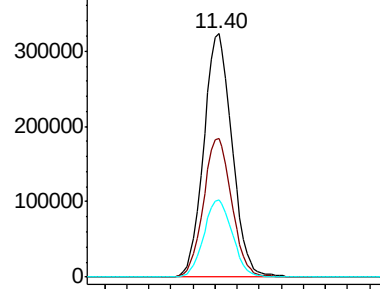
119 31.5 25.8 38.6

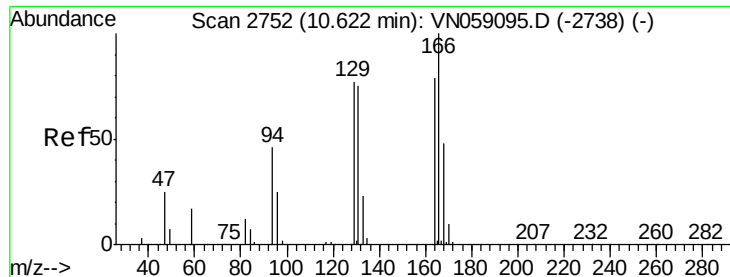


Abundance Ion 116.90 (116.60 to 117.60): VN059198.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059198.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059198.D (-2979) (-)





#64

Tetrachloroethene

Concen: 20.285 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN059198.D

Acq: 12 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampled :

MW-313-SRI4

Tot Ion:164 Resp: 79378

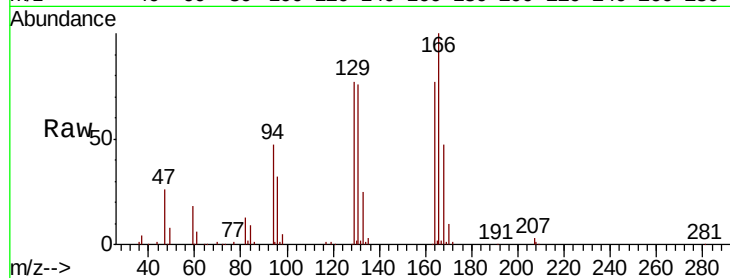
Ion Ratio Lower Upper

164 100

166 130.0 101.5 152.3

129 99.9 78.3 117.5

131 98.2 75.9 113.9

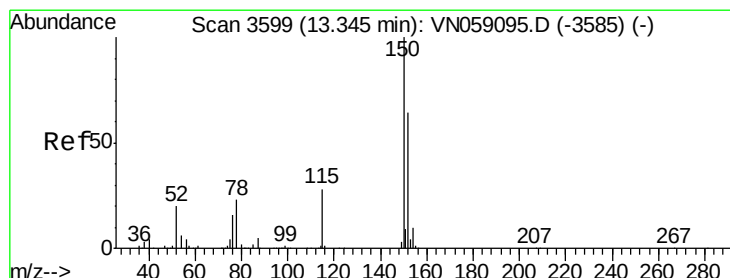
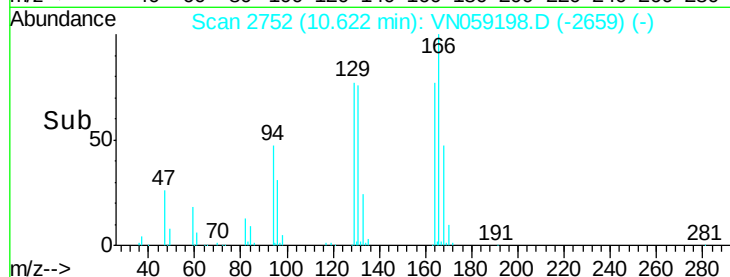
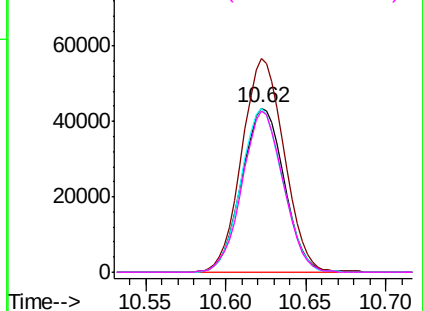


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN059198.D

Acq: 12 Nov 2019 18:04

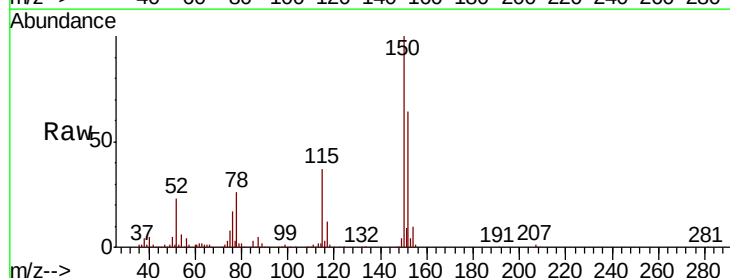
Tgt Ion:152 Resp: 206075

Ion Ratio Lower Upper

152 100

115 58.6 29.4 88.2

150 157.5 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

