

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054519.D
 Acq On : 21 Mar 2019 18:55
 Operator : JC/SP
 Sample : K1965-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

Quant Time: Mar 22 10:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

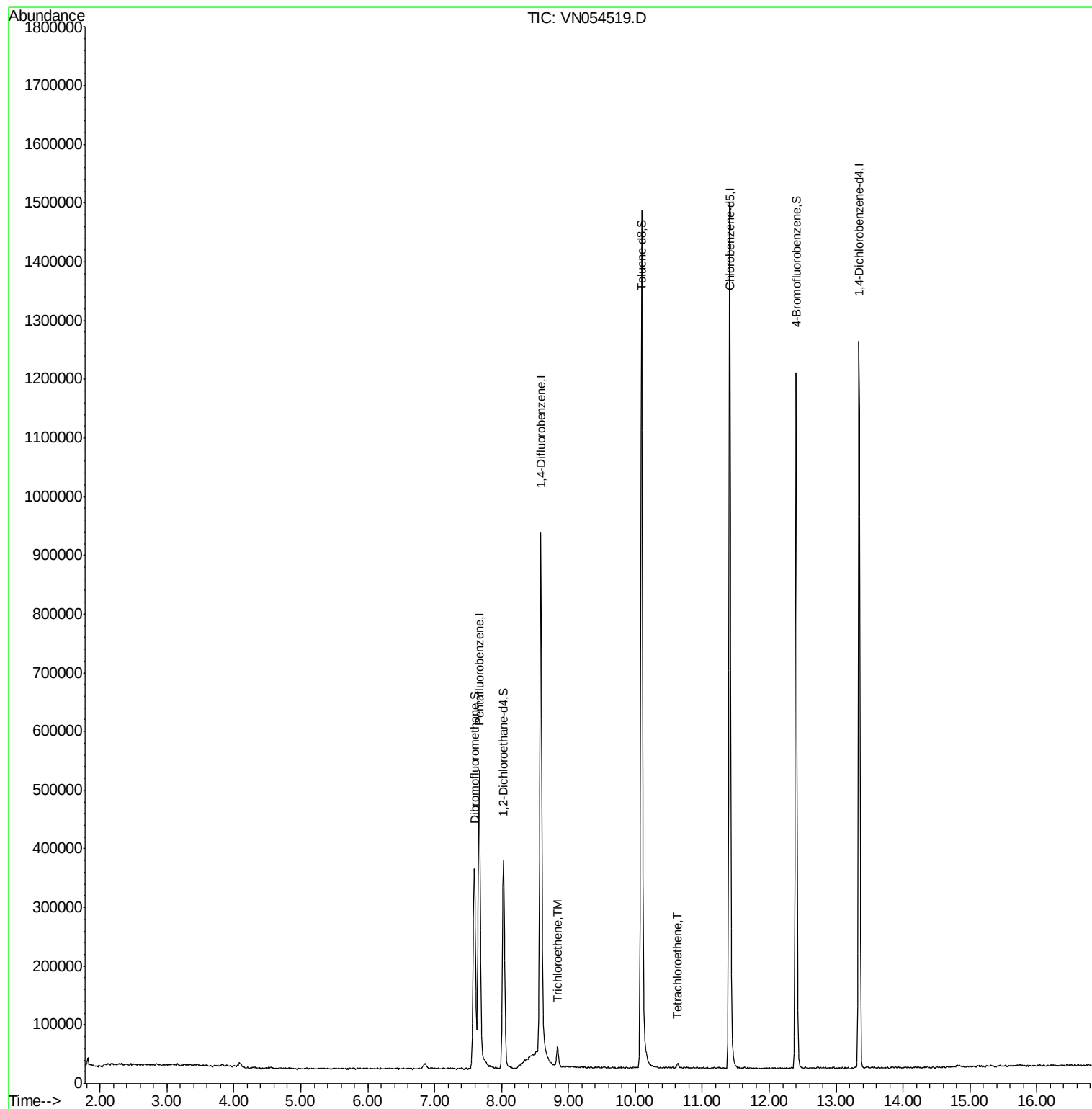
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	450340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	823677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	886335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	338522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	310666	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	7.59	113	258400	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.09	98	1084230	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.40	95	422178	62.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.38%	
Target Compounds						
44) Trichloroethene	8.83	130	12157	1.986	ug/l	98
64) Tetrachloroethene	10.63	164	1519	0.207	ug/l	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054519.D

Acq: 21 Mar 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

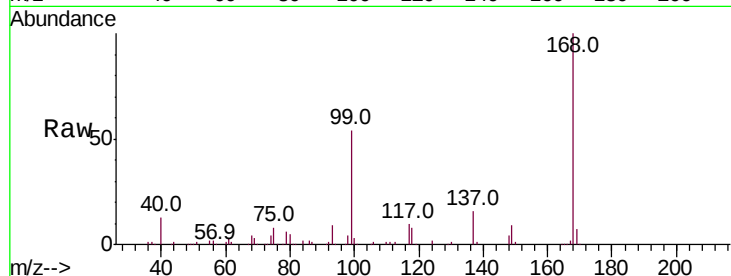
BPS1-TT-MW303I2-20190315

Tot Ion:168 Resp: 450340

Ion Ratio Lower Upper

168 100

99 53.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

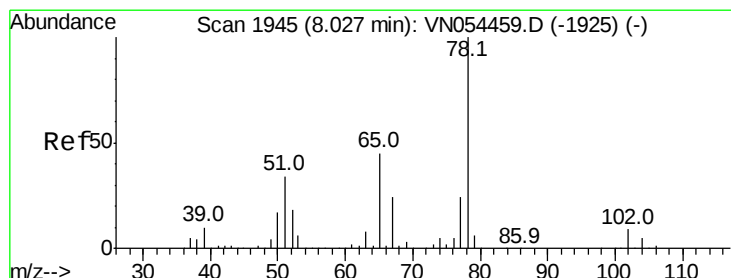
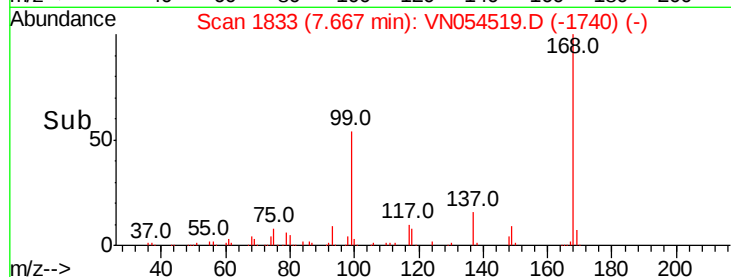
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.461 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054519.D

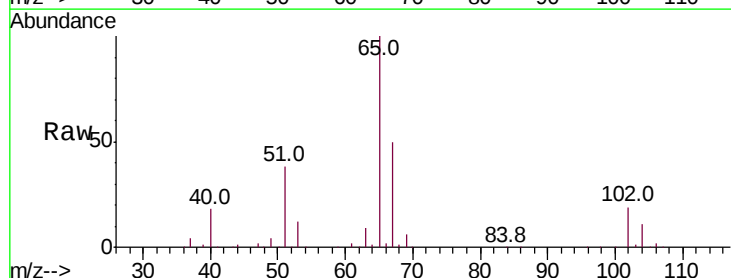
Acq: 21 Mar 2019 18:55

Tgt Ion: 65 Resp: 310666

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

150000

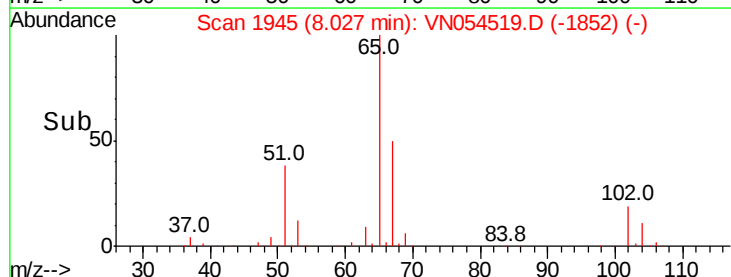
100000

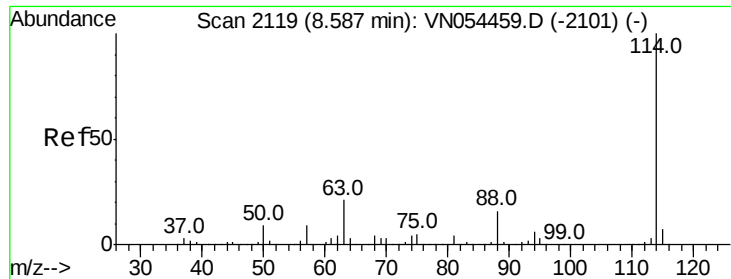
50000

0

7.90 8.00 8.10 8.20

Time-->

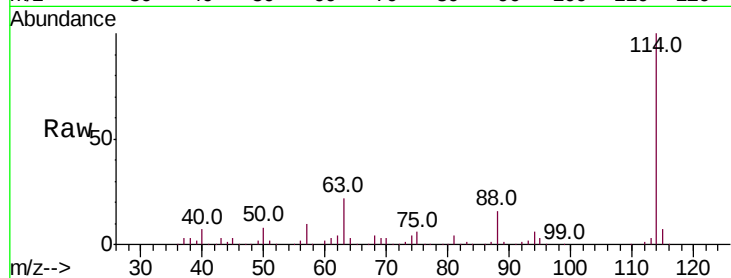




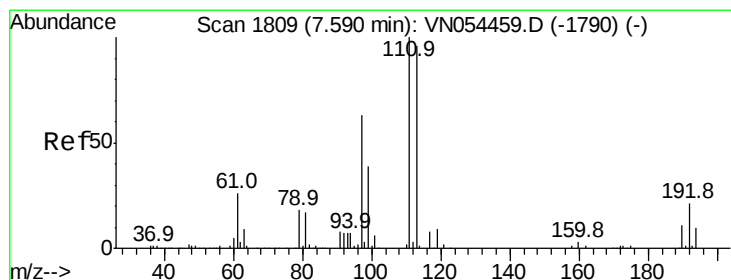
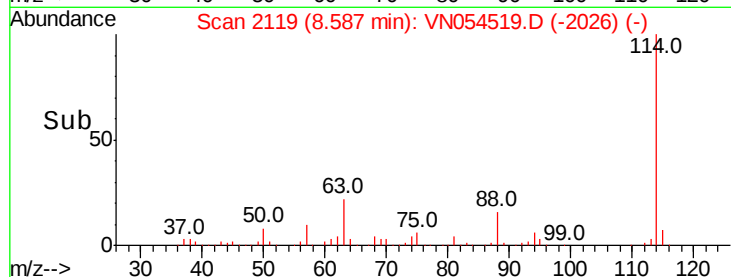
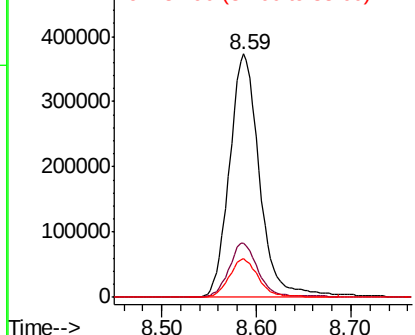
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054519.D
 Acq: 21 Mar 2019 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

Tot Ion:114 Resp: 823677
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.7 0.0 30.2

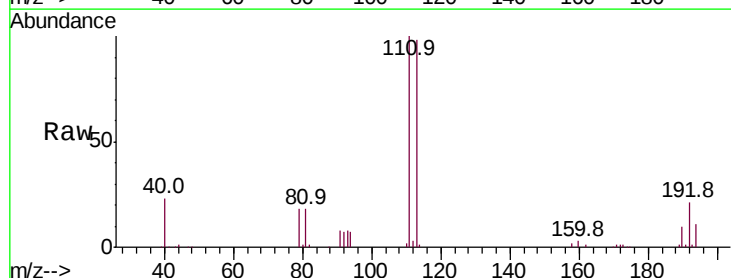


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

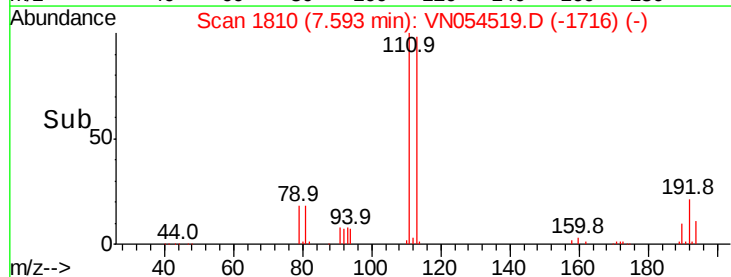
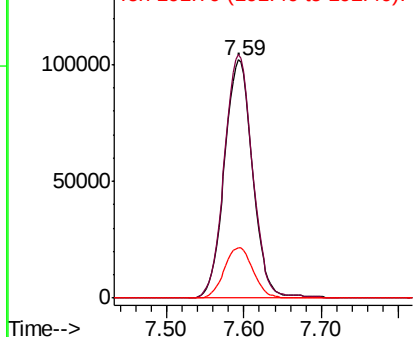


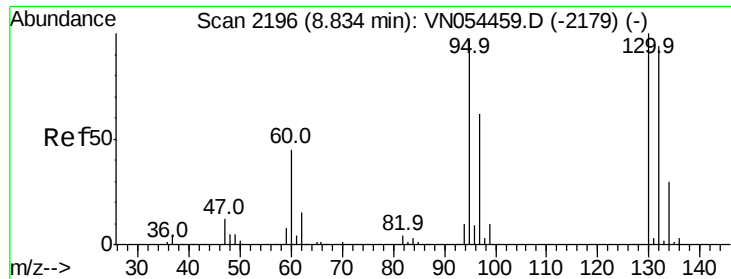
#35
 Dibromofluoromethane
 Concen: 48.695 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054519.D
 Acq: 21 Mar 2019 18:55

Tgt Ion:113 Resp: 258400
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 21.5 19.2 28.8



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

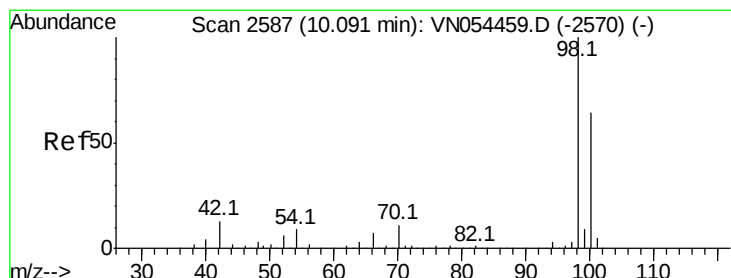
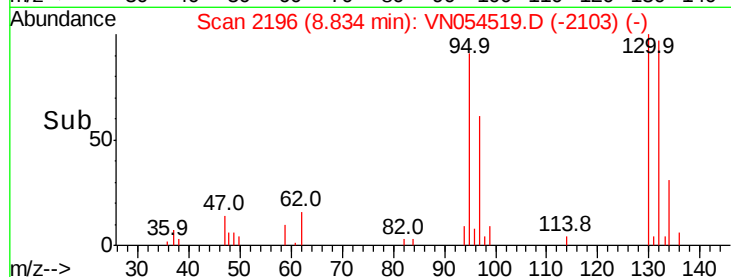
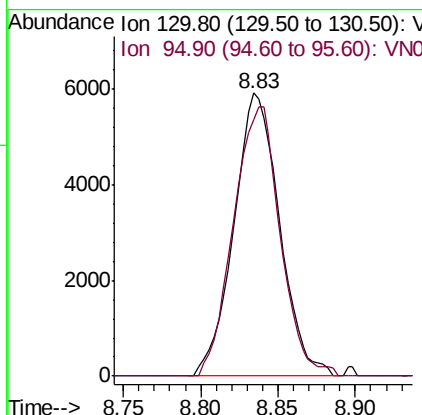
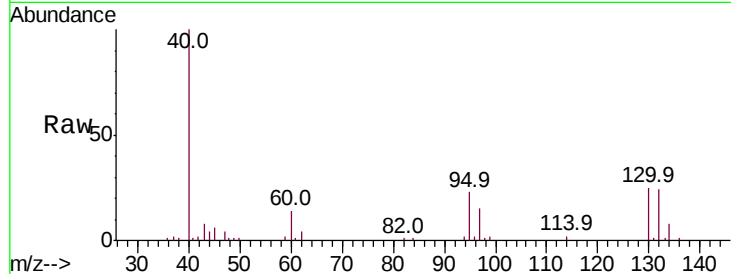




#44
 Trichloroethene
 Concen: 1.986 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN054519.D
 Acq: 21 Mar 2019 18:55

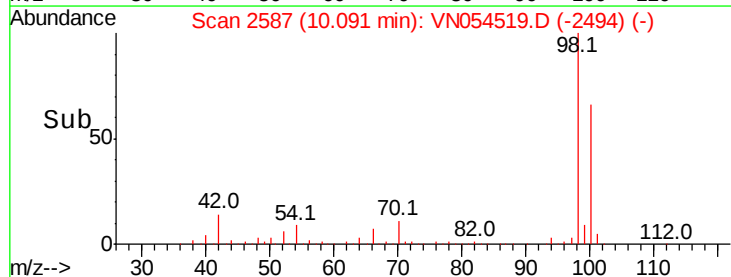
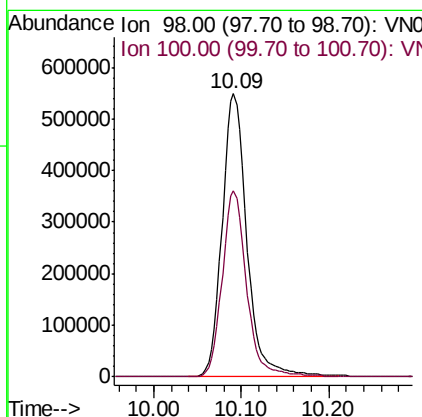
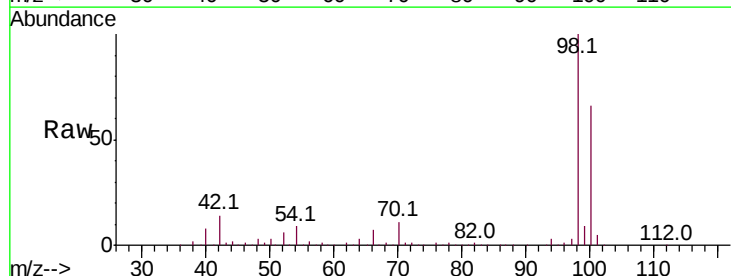
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

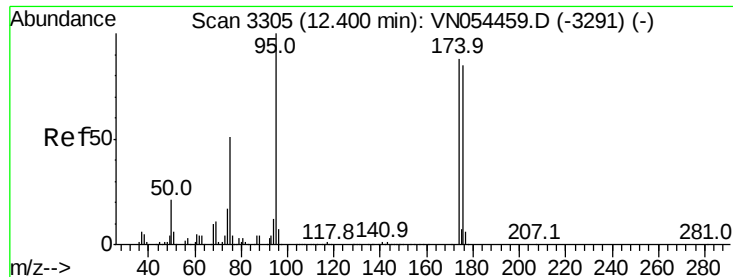
Tot Ion:130 Resp: 12157
 Ion Ratio Lower Upper
 130 100
 95 90.7 0.0 185.2



#50
 Toluene-d8
 Concen: 54.349 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054519.D
 Acq: 21 Mar 2019 18:55

Tgt Ion: 98 Resp: 1084230
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 62.191 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054519.D

Acq: 21 Mar 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30312-20190315

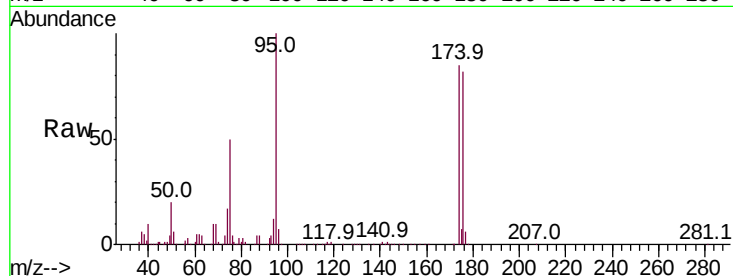
Tot Ion: 95 Resp: 422178

Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

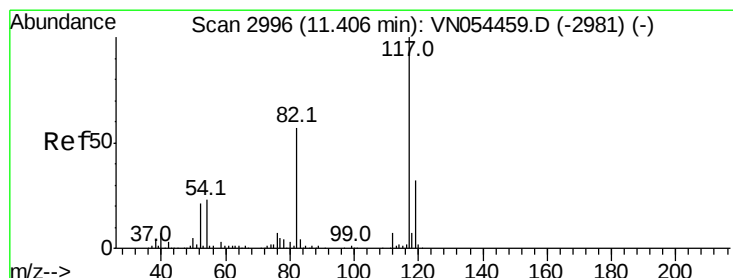
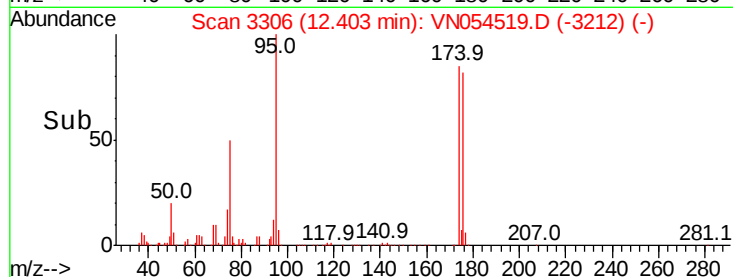
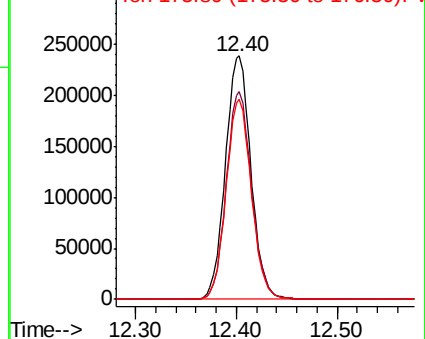
176 81.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054519.D

Acq: 21 Mar 2019 18:55

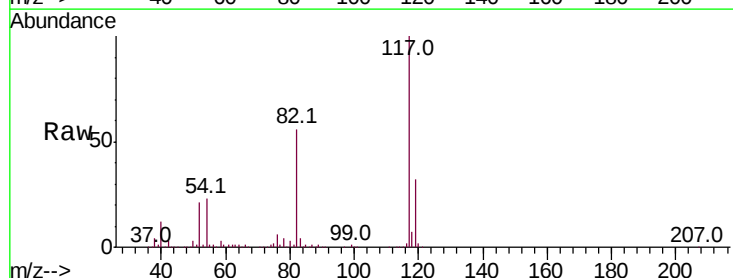
Tgt Ion: 117 Resp: 886335

Ion Ratio Lower Upper

117 100

82 55.7 40.0 60.0

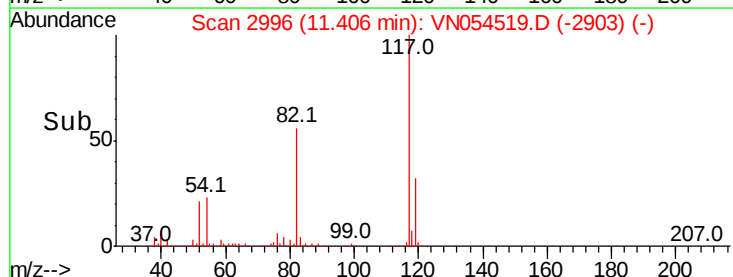
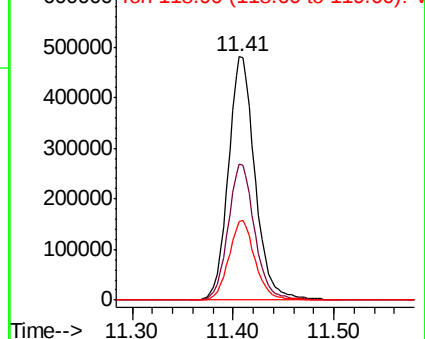
119 32.0 25.8 38.6

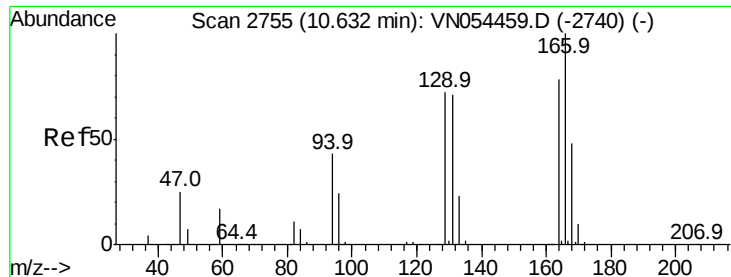


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

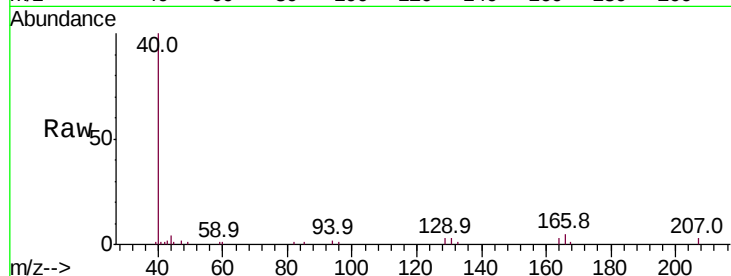




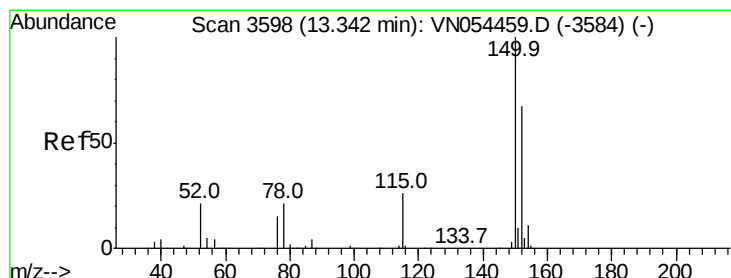
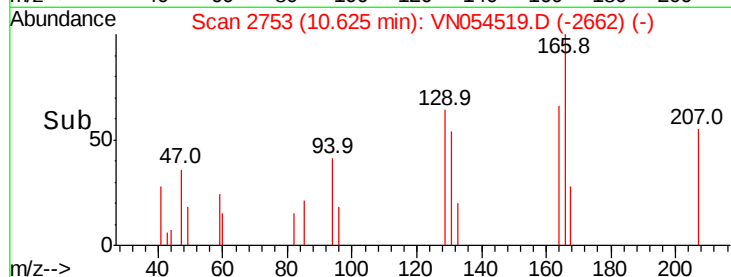
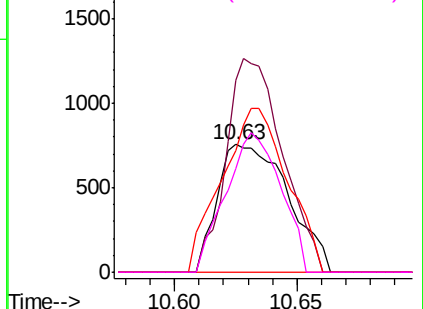
#64
Tetrachloroethene
Concen: 0.207 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.01 min
Lab File: VN054519.D
Acq: 21 Mar 2019 18:55

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW303I2-20190315

Tot Ion:164 Resp: 1519
Ion Ratio Lower Upper
164 100
166 150.7 103.9 155.9
129 95.9 71.1 106.7
131 81.6 68.2 102.4

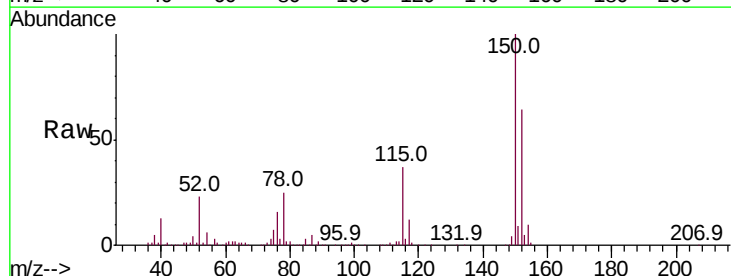


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054519.D
Acq: 21 Mar 2019 18:55

Tgt Ion:152 Resp: 338522
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 157.3 0.0 349.2



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

