

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054566.D
 Acq On : 22 Mar 2019 19:00
 Operator : JC/SP
 Sample : K1965-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 23 04:06:19 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

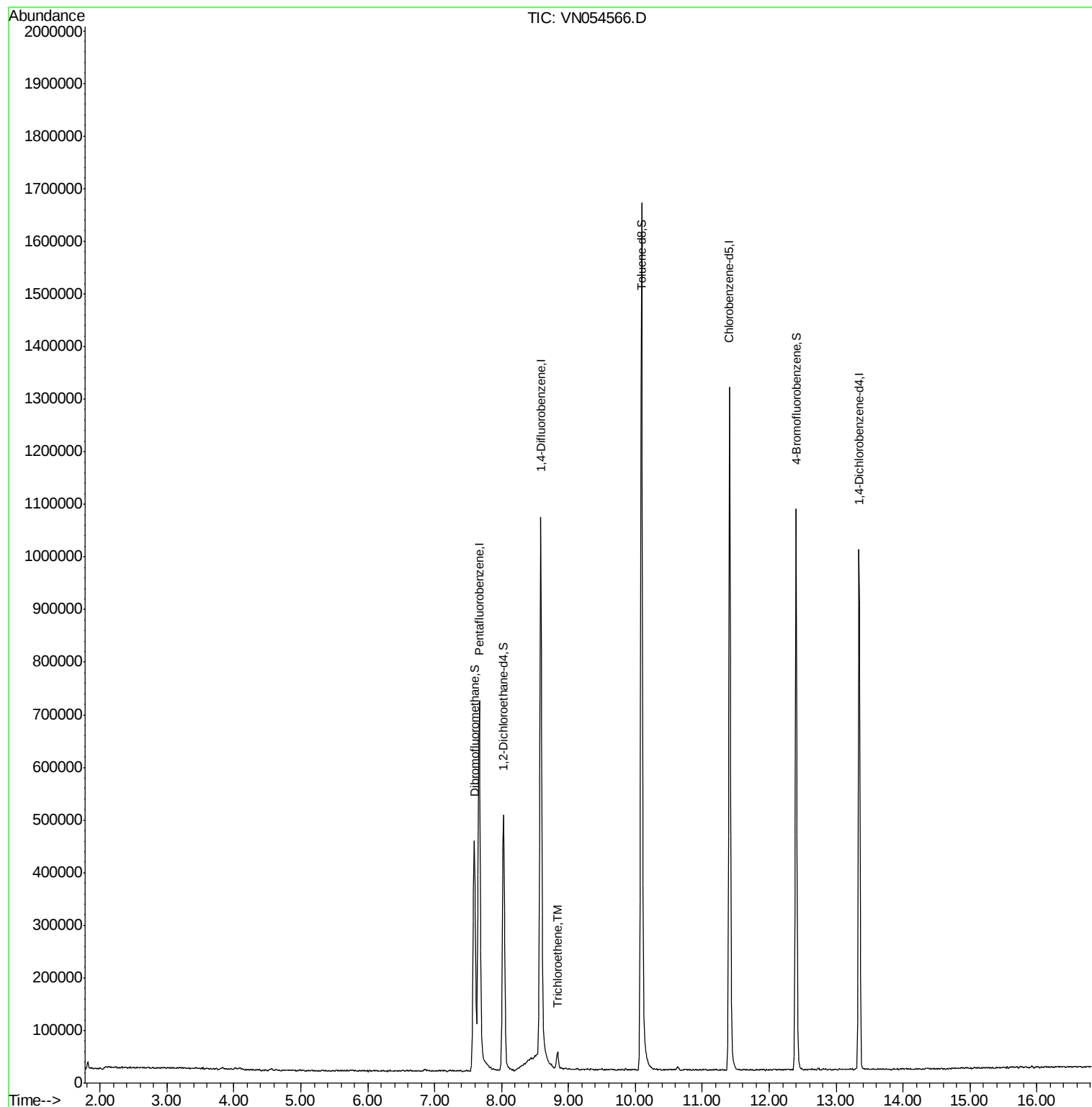
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	422860	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
35) Dibromofluoromethane	7.59	113	329446	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
50) Toluene-d8	10.09	98	1227569	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	363742	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
44) Trichloroethene	8.84	130	11362	1.600	ug/l	Qvalue 96

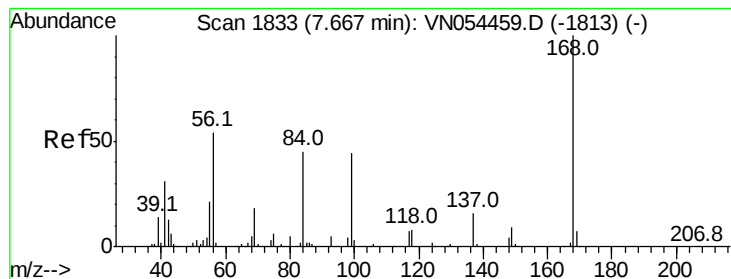
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

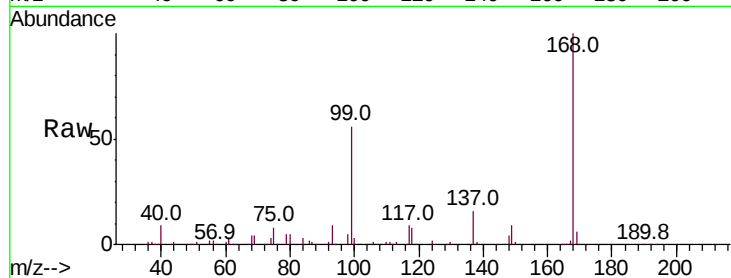
BPS1-TT-MW303I2-20190315

Tot Ion:168 Resp: 612815

Ion Ratio Lower Upper

168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

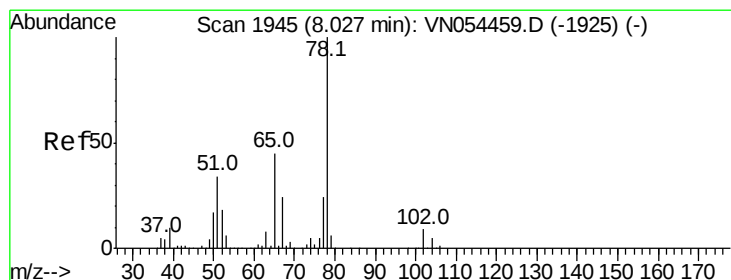
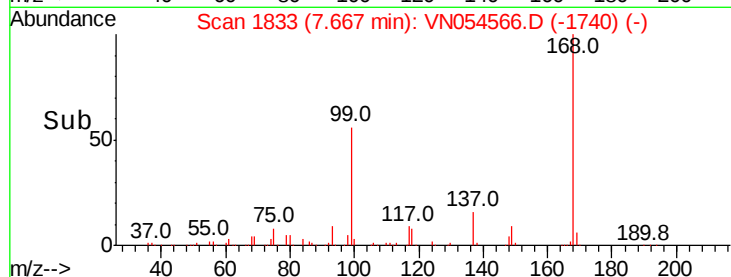
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.476 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054566.D

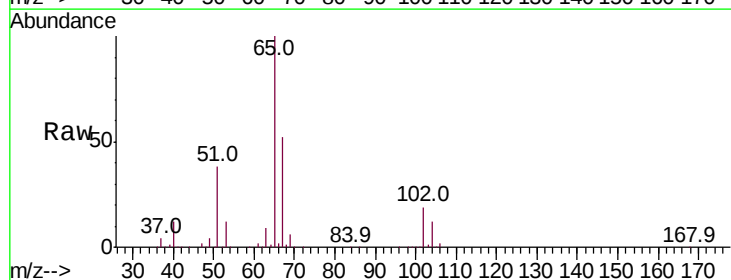
Acq: 22 Mar 2019 19:00

Tgt Ion: 65 Resp: 422860

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

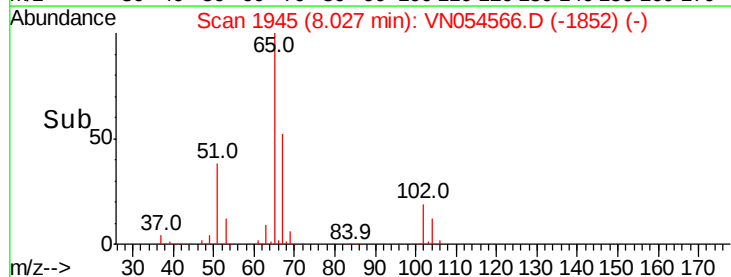
100000

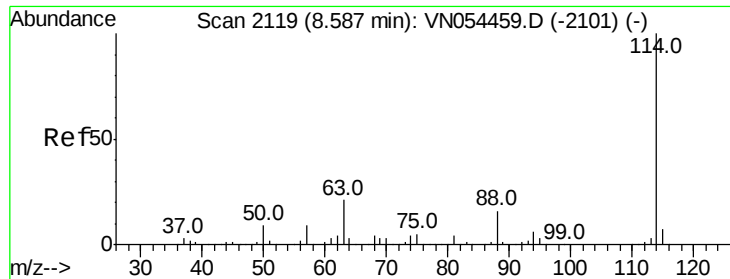
50000

0

7.90 8.00 8.10 8.20

Time-->

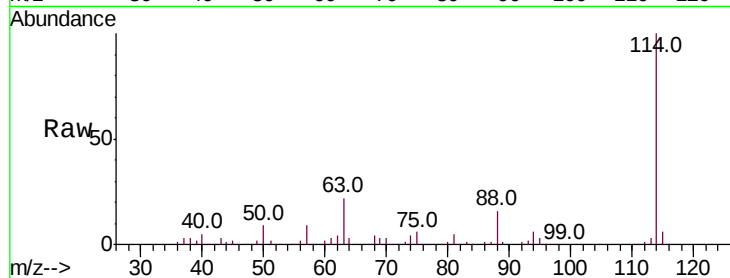




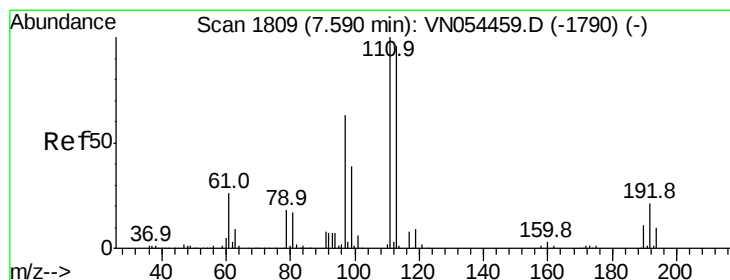
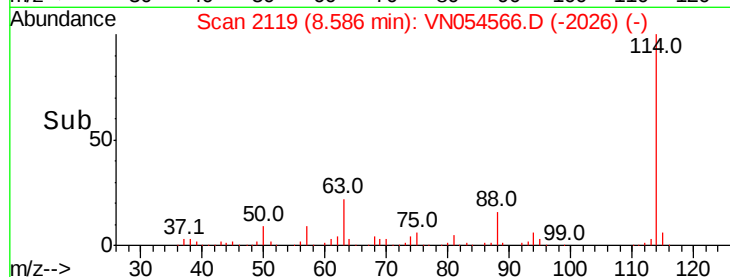
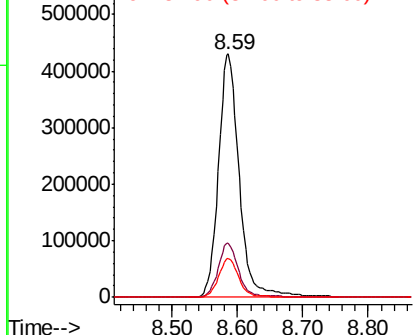
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054566.D
 Acq: 22 Mar 2019 19:00

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

Tot Ion:114 Resp: 955161
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.9 0.0 30.2

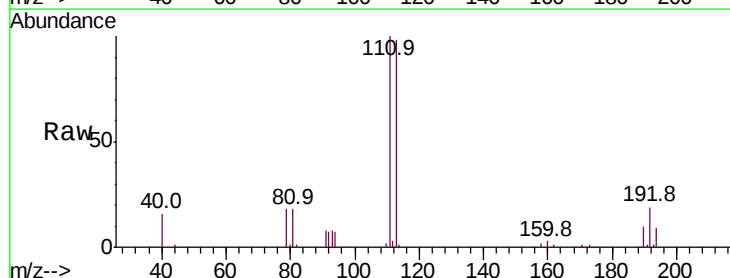


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

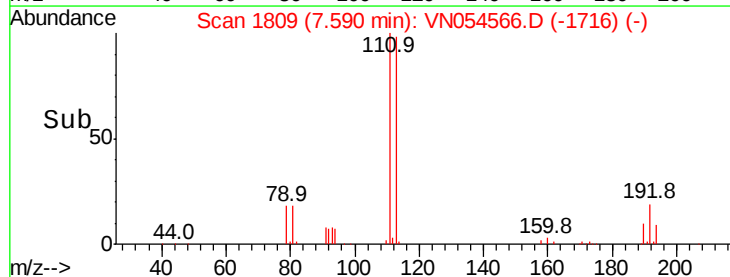
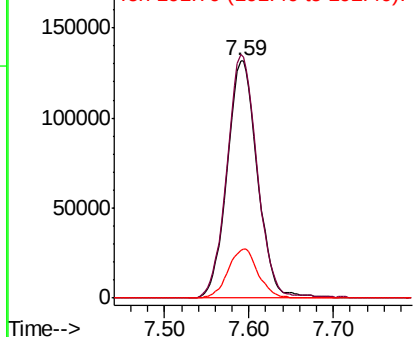


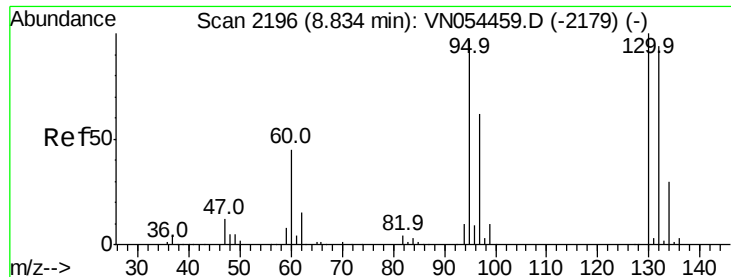
#35
 Dibromofluoromethane
 Concen: 53.537 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054566.D
 Acq: 22 Mar 2019 19:00

Tgt Ion:113 Resp: 329446
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.4
 192 20.6 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: 1.600 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

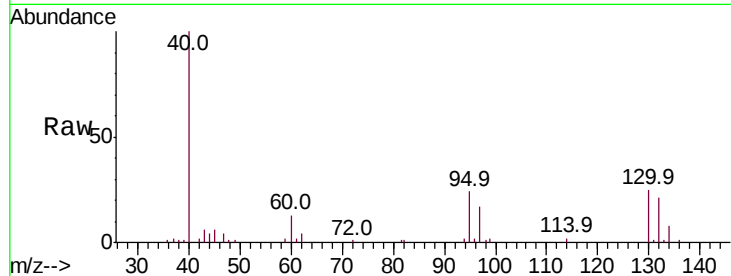
BPS1-TT-MW303I2-20190315

Tot Ion:130 Resp: 11362

Ion Ratio Lower Upper

130 100

95 96.1 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)

8.84

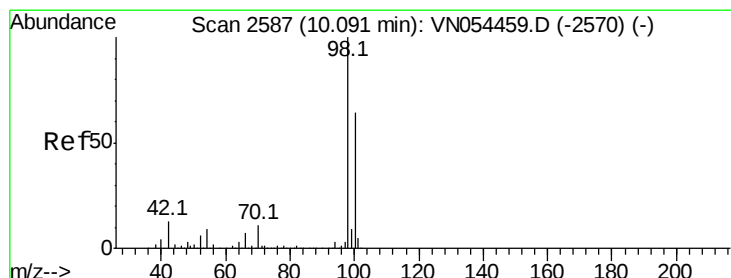
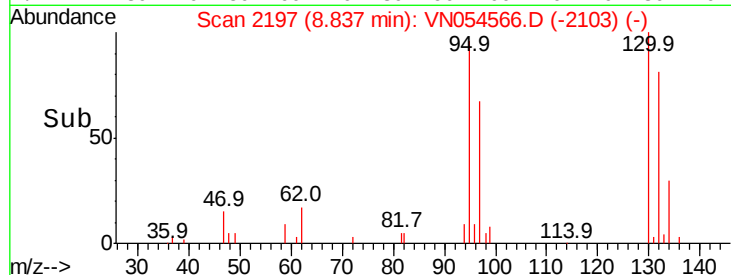
6000

4000

2000

0

Time--> 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 53.064 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054566.D

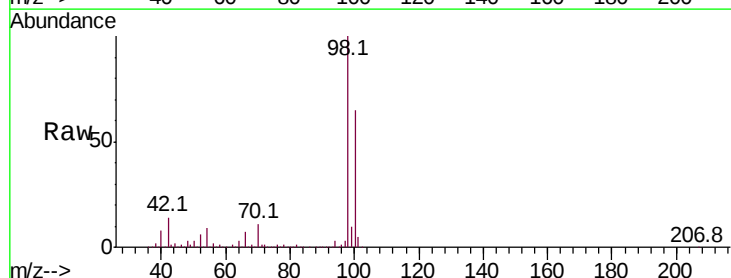
Acq: 22 Mar 2019 19:00

Tgt Ion: 98 Resp: 1227569

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

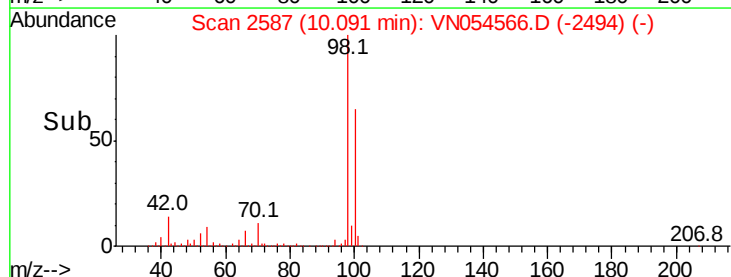
600000

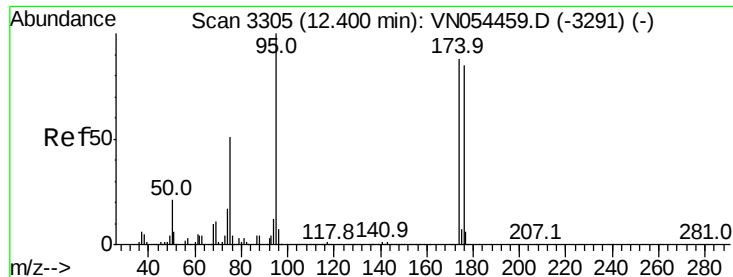
400000

200000

0

Time--> 10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 46.207 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30312-20190315

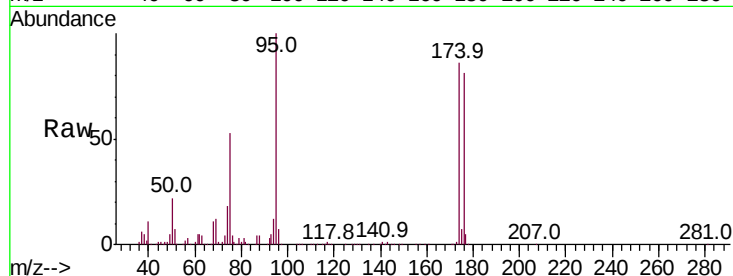
Tot Ion: 95 Resp: 363742

Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

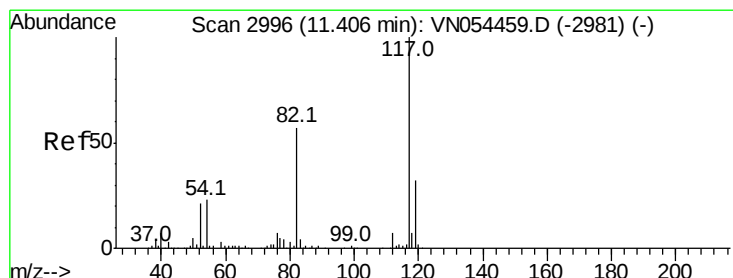
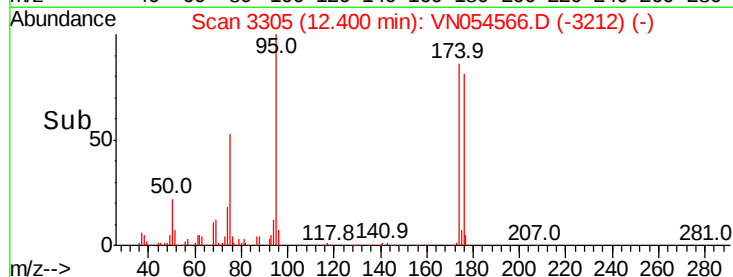
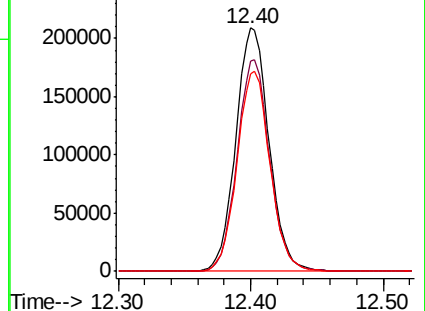
176 81.6 0.0 187.4



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: VN054566.D

Acq: 22 Mar 2019 19:00

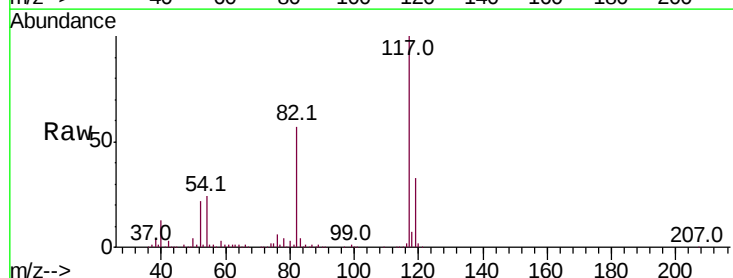
Tgt Ion: 117 Resp: 770242

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

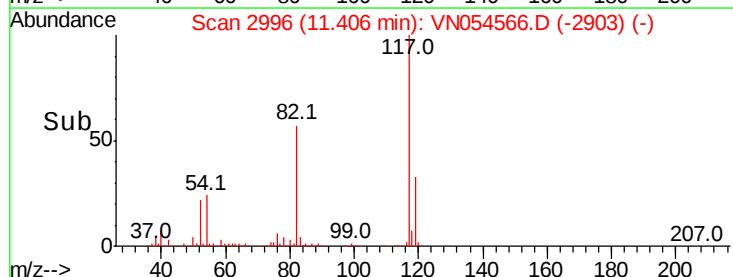
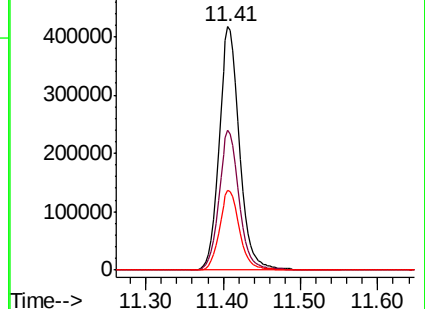
119 32.7 25.8 38.6

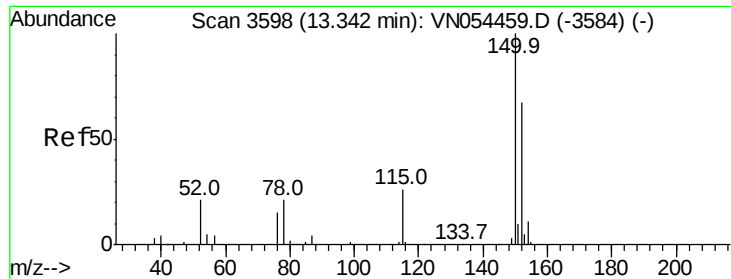


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054566.D

Acq: 22 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW303I2-20190315

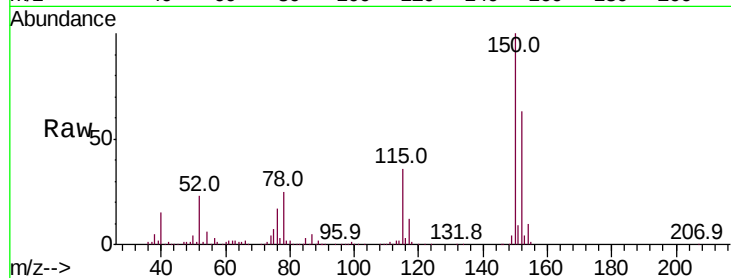
Tot Ion:152 Resp: 265917

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 158.0 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

