

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056066.D
 Acq On : 7 Jun 2019 00:33
 Operator : JC/SP
 Sample : K3190-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW306S-20190604

Quant Time: Jun 07 06:57:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

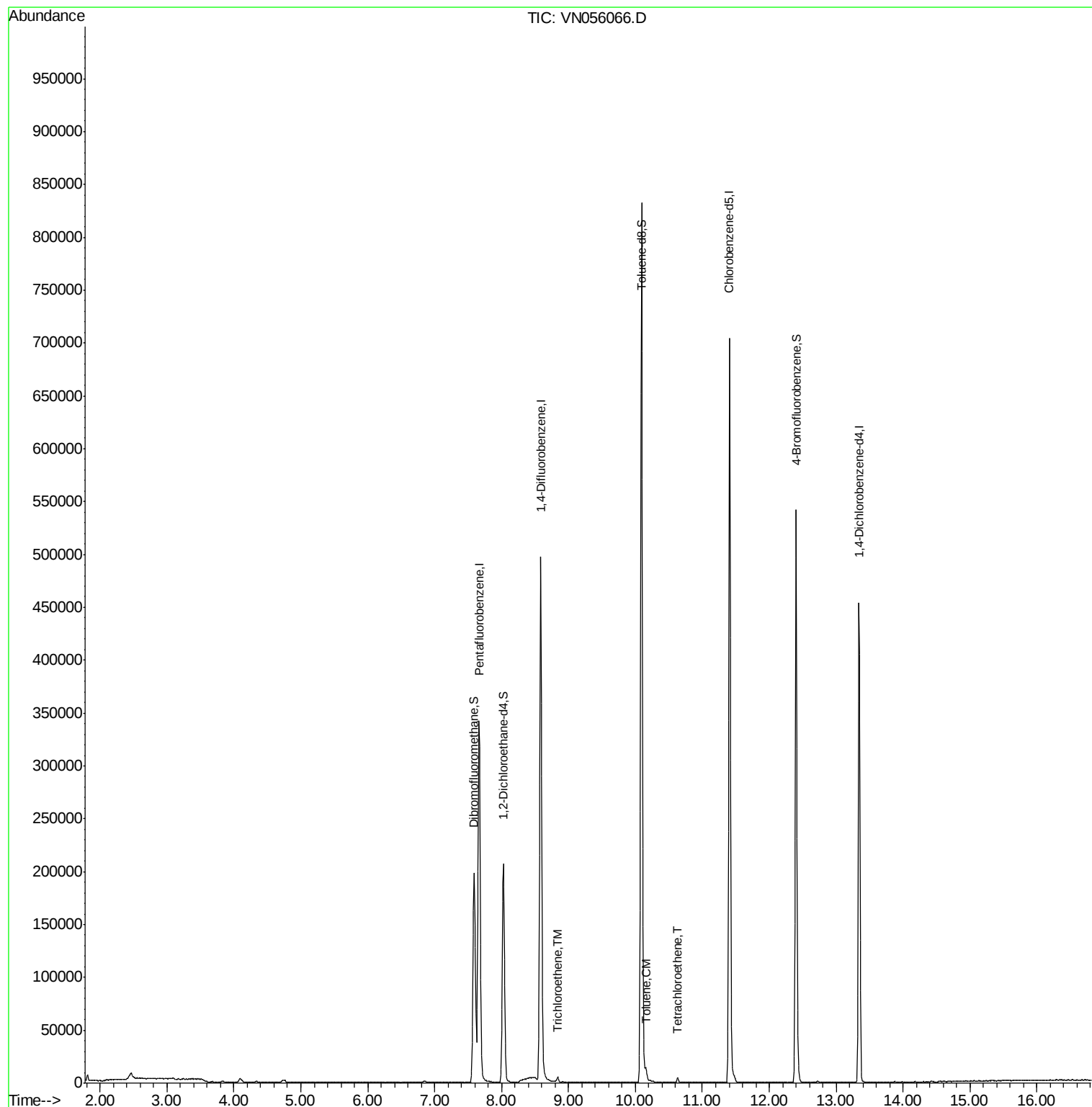
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	496455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	173293	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.59	113	152848	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.09	98	625600	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.40	95	192071	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						
44) Trichloroethene	8.84	130	2067	0.555	ug/l	100
52) Toluene	10.16	92	3611	0.448	ug/l	96
64) Tetrachloroethene	10.63	164	1093	0.276	ug/l #	83

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056066.D

Acq: 7 Jun 2019 00:33

Instrument :

MSVOA_N

ClientSampleId :

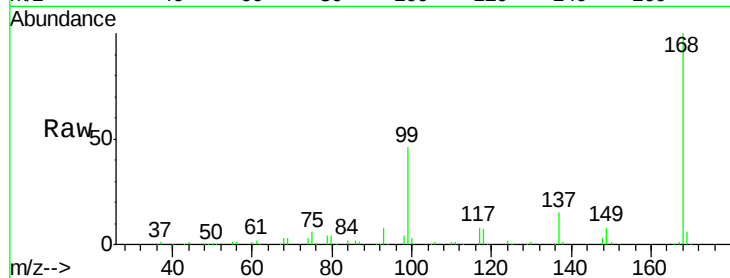
BPS1-TT-MW306S-20190604

Tot Ion:168 Resp: 326969

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

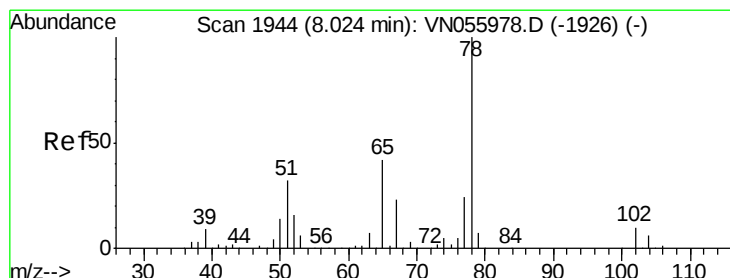
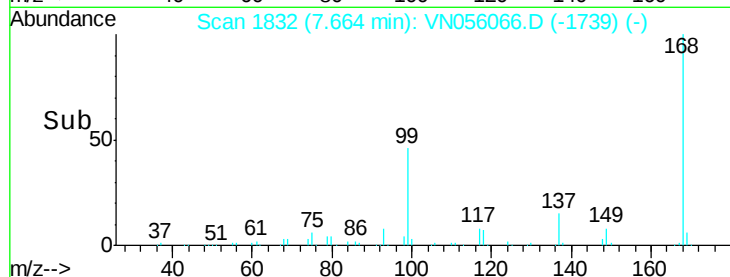
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.378 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056066.D

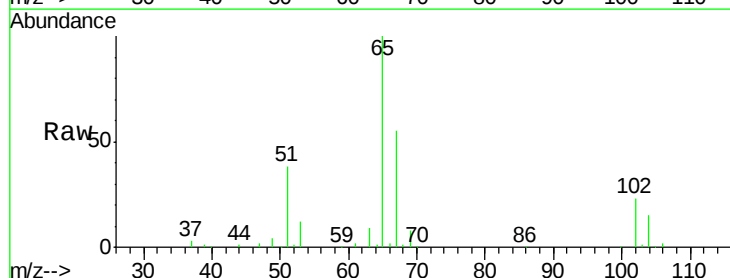
Acq: 7 Jun 2019 00:33

Tgt Ion: 65 Resp: 173293

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

60000

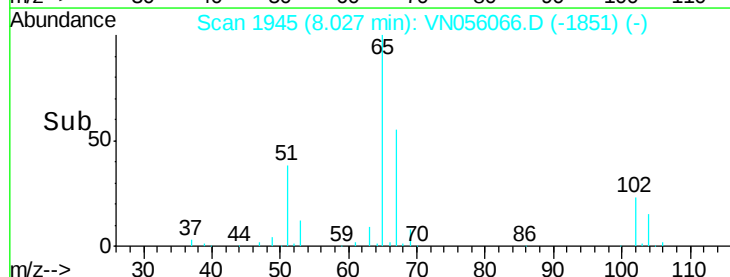
40000

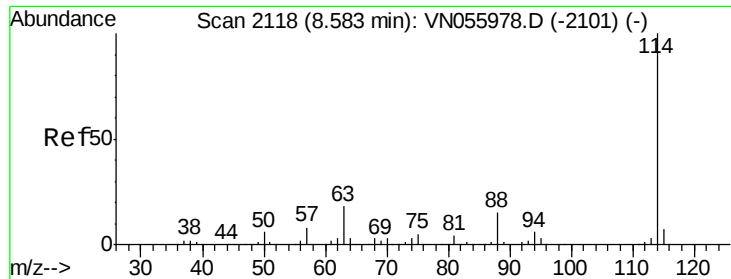
20000

0

7.90 8.00 8.10

Time-->

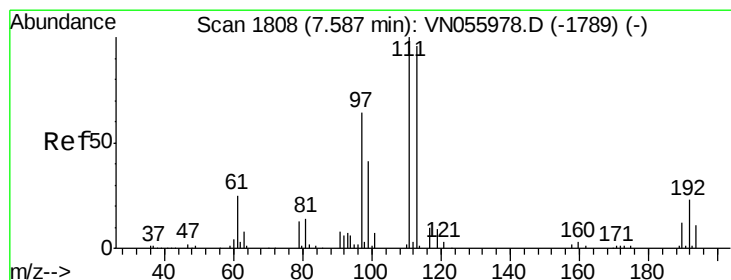
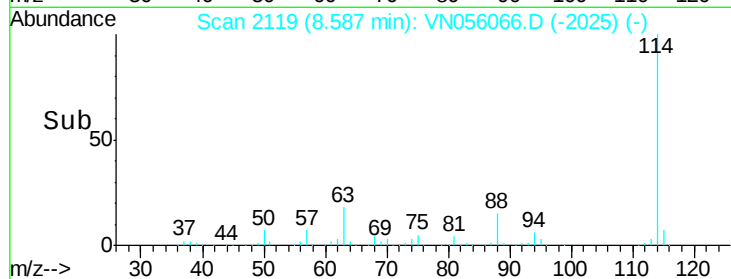
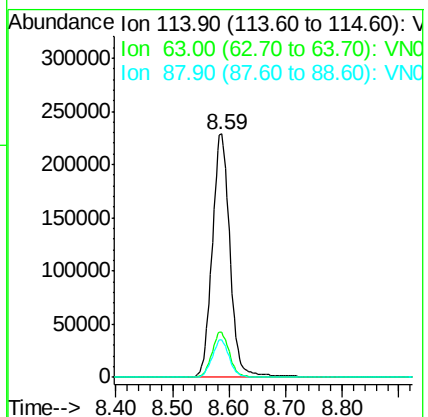
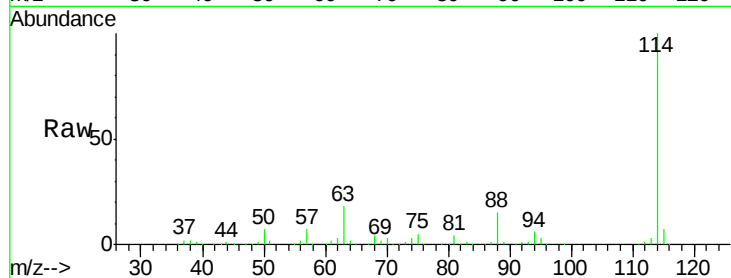




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056066.D
Acq: 7 Jun 2019 00:33

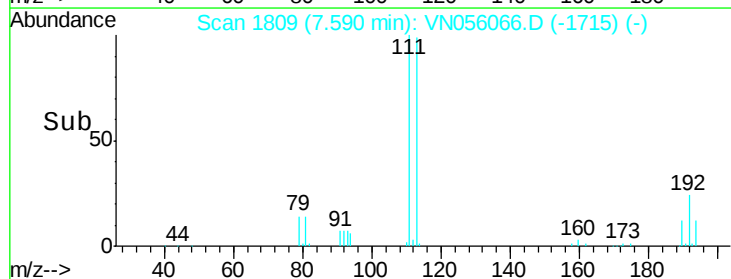
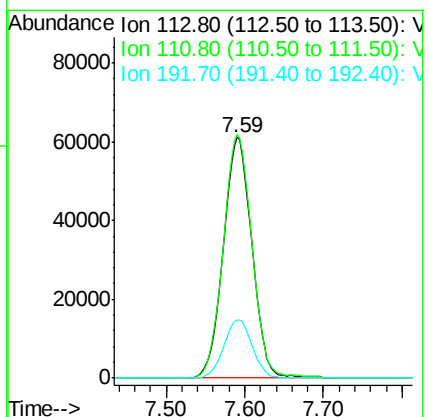
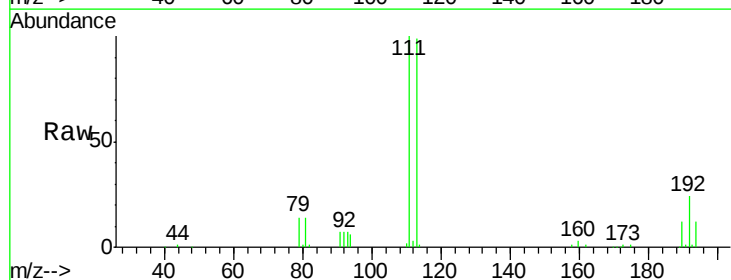
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW306S-20190604

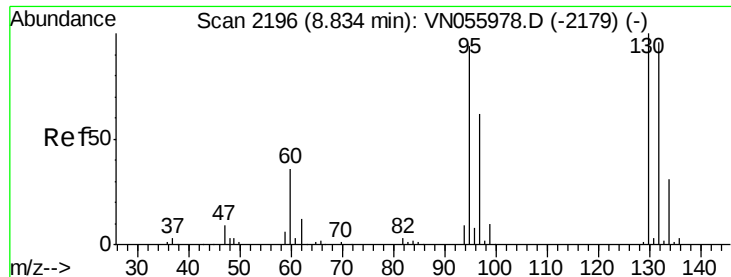
Tot Ion:114 Resp: 496455
Ion Ratio Lower Upper
114 100
63 18.5 0.0 39.2
88 15.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056066.D
Acq: 7 Jun 2019 00:33

Tgt Ion:113 Resp: 152848
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 24.1 19.5 29.3





#44

Trichloroethene

Concen: 0.555 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056066.D

Acq: 7 Jun 2019 00:33

Instrument :

MSVOA_N

ClientSampleId :

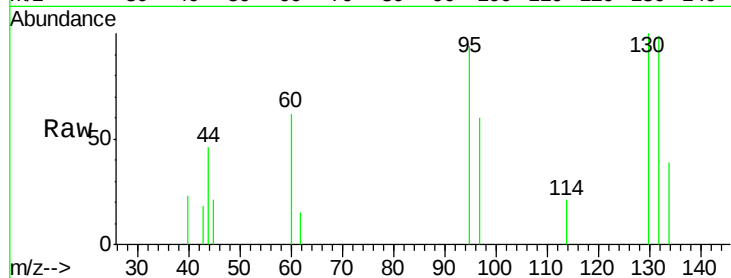
BPS1-TT-MW306S-20190604

Tot Ion:130 Resp: 2067

Ion Ratio Lower Upper

130 100

95 94.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

1000

800

600

400

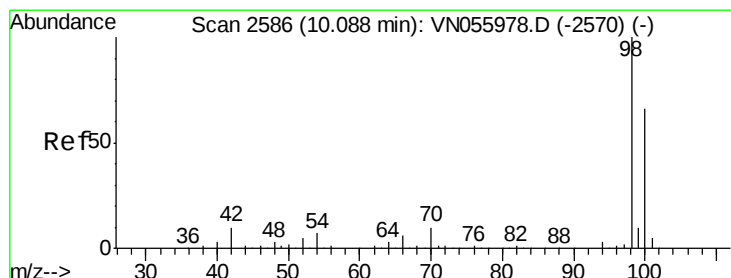
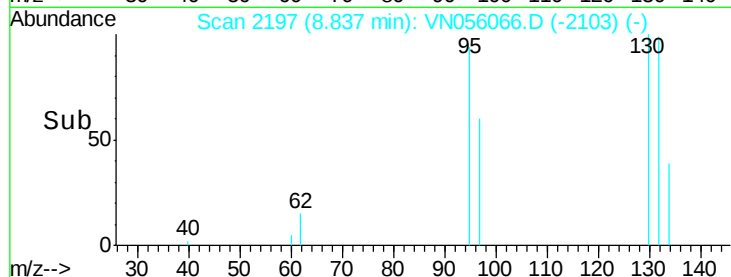
200

0

8.80

8.85

Time-->



#50

Toluene-d8

Concen: 53.376 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056066.D

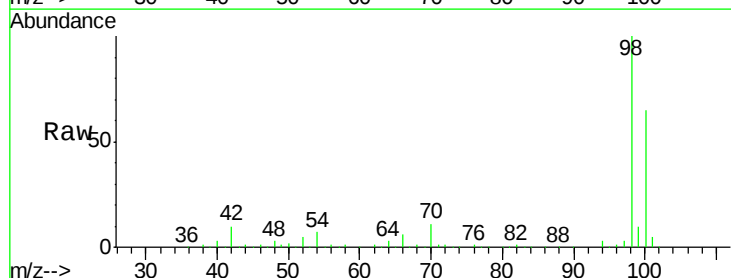
Acq: 7 Jun 2019 00:33

Tgt Ion: 98 Resp: 625600

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

200000

100000

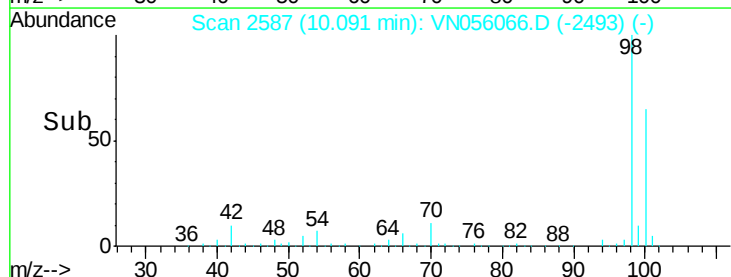
0

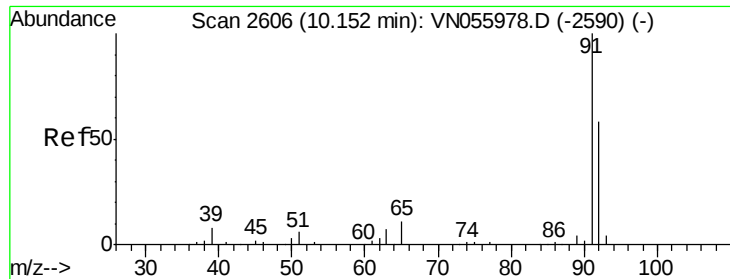
10.00

10.10

10.20

Time-->





#52

Toluene

Concen: 0.448 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056066.D

Acq: 7 Jun 2019 00:33

Instrument:

MSVOA_N

ClientSampleId:

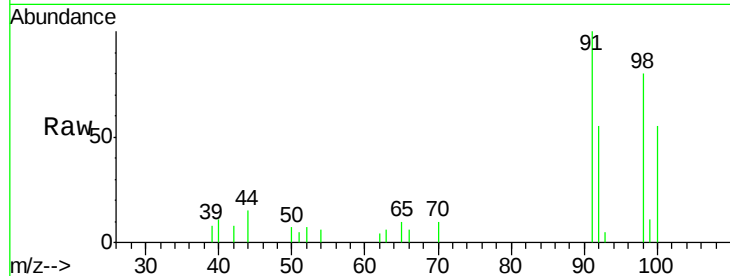
BPS1-TT-MW306S-20190604

Tot Ion: 92 Resp: 3611

Ion Ratio Lower Upper

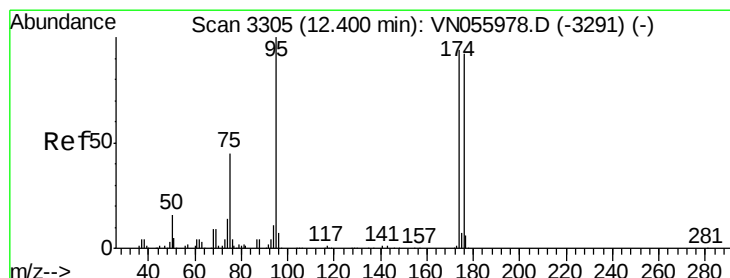
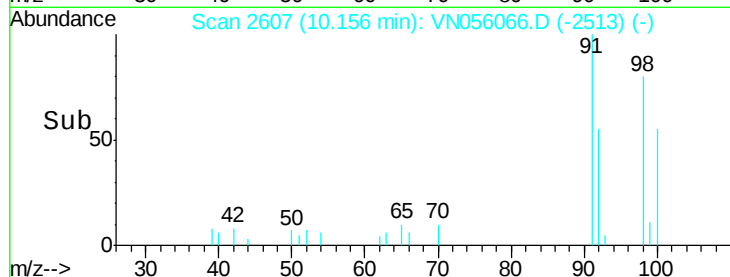
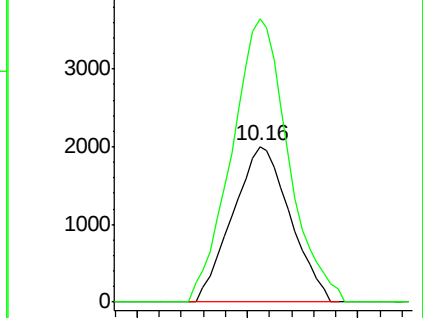
92 100

91 179.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)



#62

4-Bromofluorobenzene

Concen: 48.187 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056066.D

Acq: 7 Jun 2019 00:33

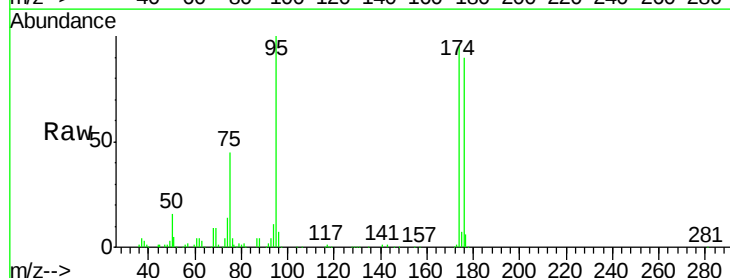
Tgt Ion: 95 Resp: 192071

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

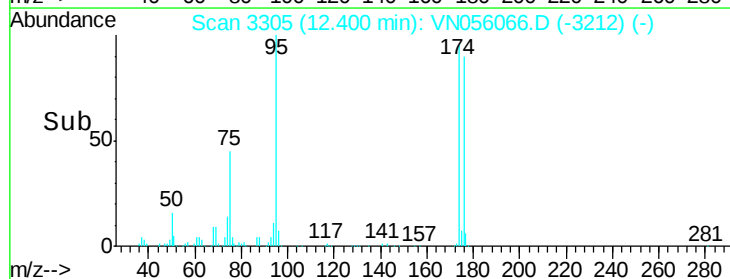
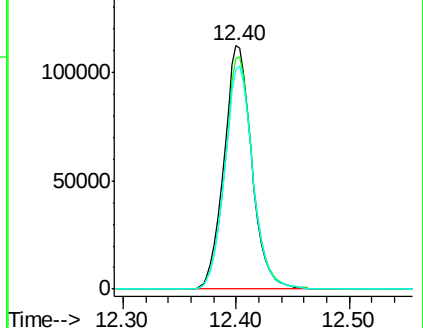
176 92.6 0.0 185.2

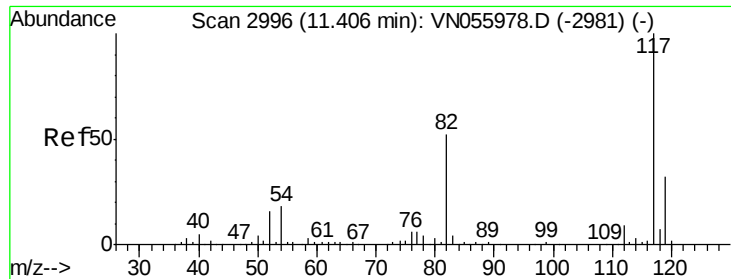


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

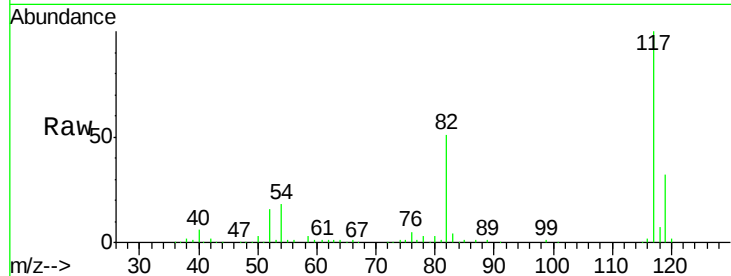




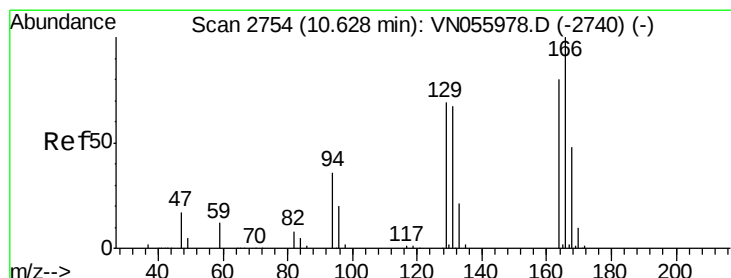
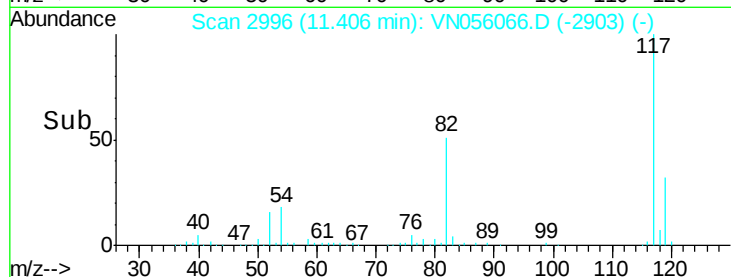
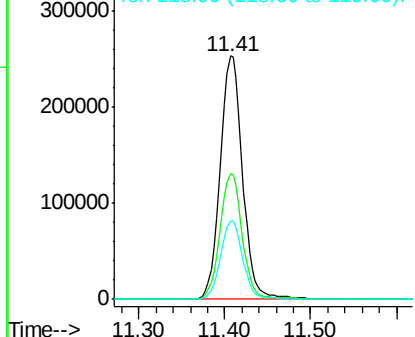
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056066.D
Acq: 7 Jun 2019 00:33

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW306S-20190604

Tot Ion:117 Resp: 457471
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.1 25.4 38.0

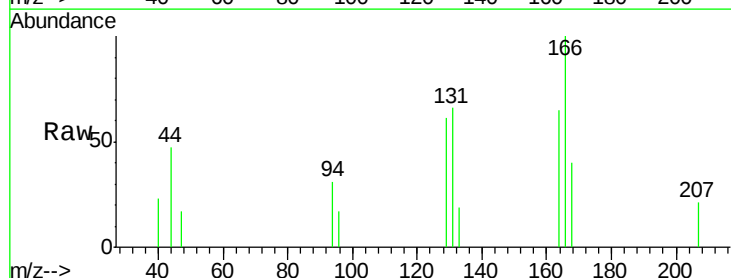


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

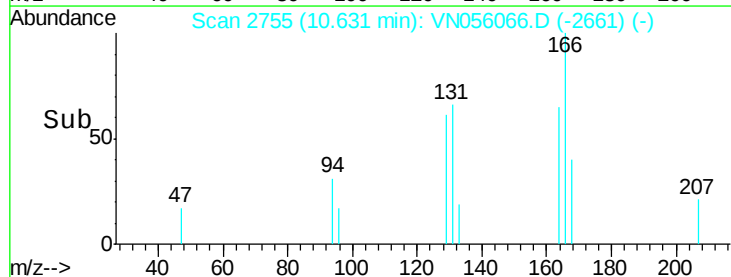
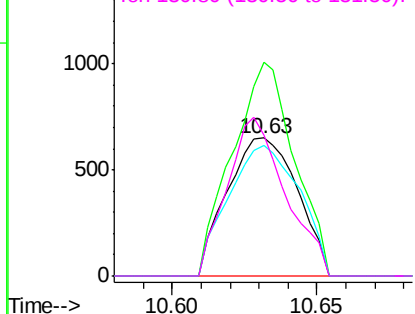


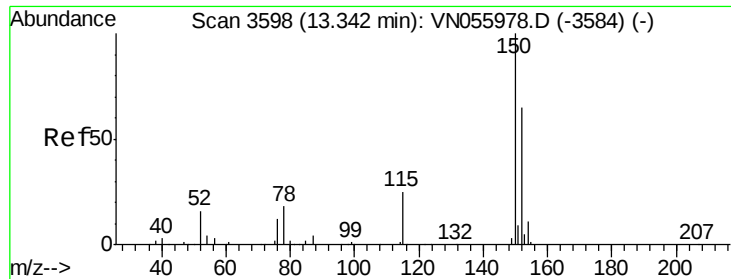
#64
Tetrachloroethene
Concen: 0.276 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056066.D
Acq: 7 Jun 2019 00:33

Tgt Ion:164 Resp: 1093
Ion Ratio Lower Upper
164 100
166 155.0 103.0 154.6#
129 95.1 70.6 105.8
131 102.6 68.6 102.8



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: VN056066.D

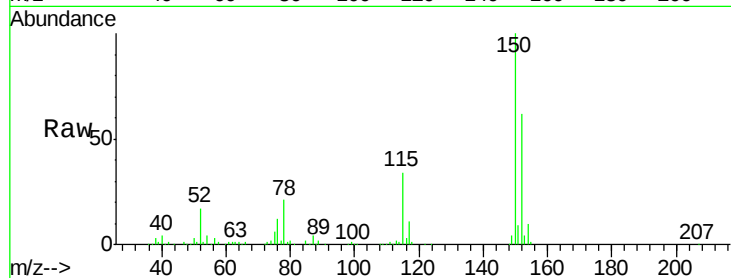
Acq: 7 Jun 2019 00:33

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW306S-20190604



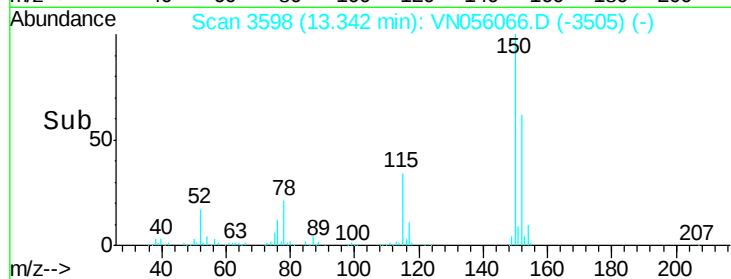
Tot Ion:152 Resp: 140500

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

150 158.6 0.0 343.2



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

