

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056215.D
 Acq On : 11 Jun 2019 11:51
 Operator : JC/SP
 Sample : K3284-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW202I-20190610

Quant Time: Jun 12 06:59:01 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

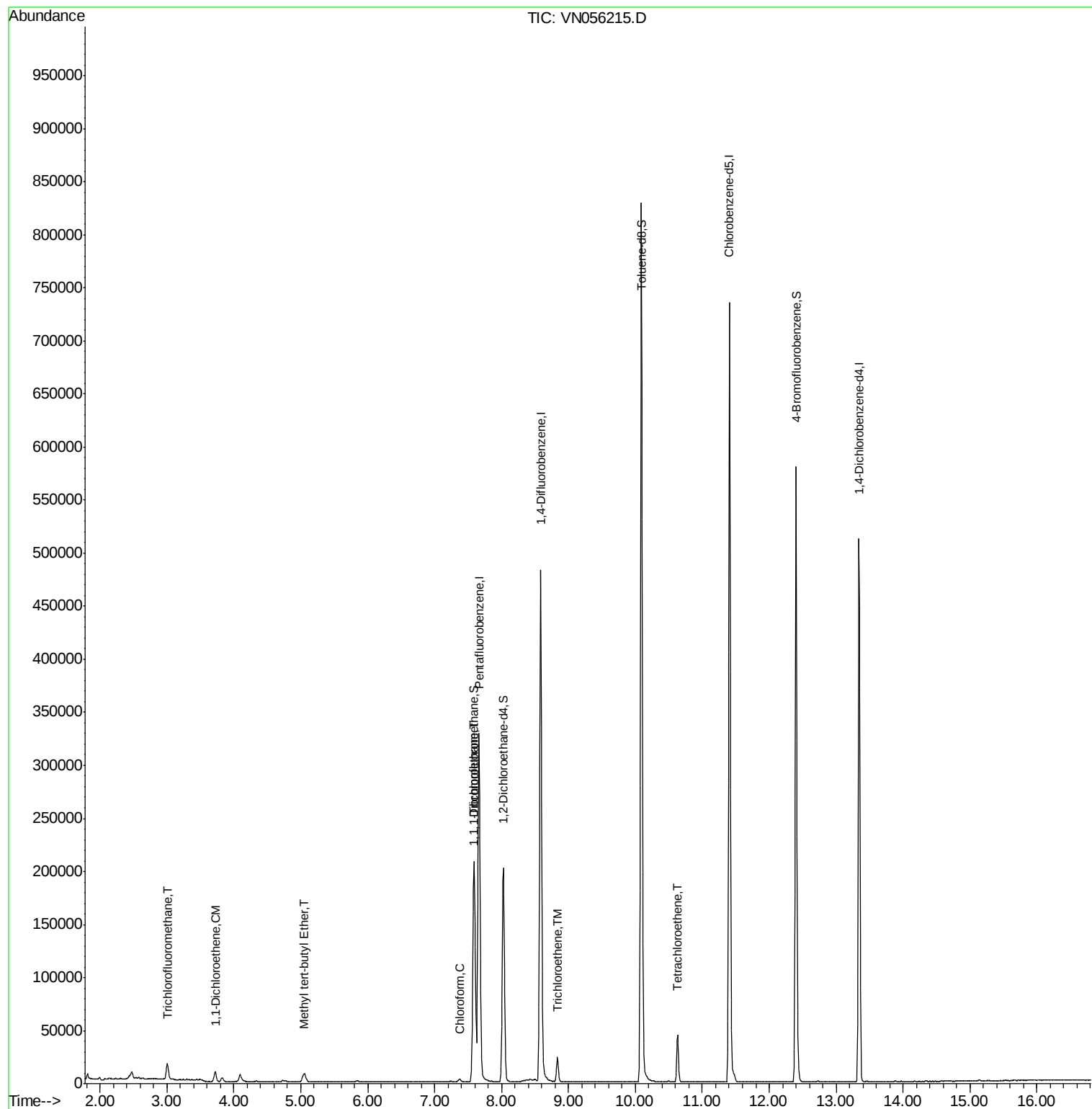
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	316569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	479132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	169242	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	7.59	113	158171	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
50) Toluene-d8	10.09	98	618386	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
62) 4-Bromofluorobenzene	12.40	95	200231	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
Target Compounds						
7) Trichlorofluoromethane	3.00	101	14493	3.298	ug/l	98
12) 1,1-Dichloroethene	3.72	96	5698	2.144	ug/l	84
19) Methyl tert-butyl Ether	5.05	73	14048	1.658	ug/l	95
30) Chloroform	7.38	83	3958	0.786	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	5418	1.289	ug/l #	49
44) Trichloroethene	8.83	130	9661	2.687	ug/l	96
64) Tetrachloroethene	10.63	164	12190	2.945	ug/l	99

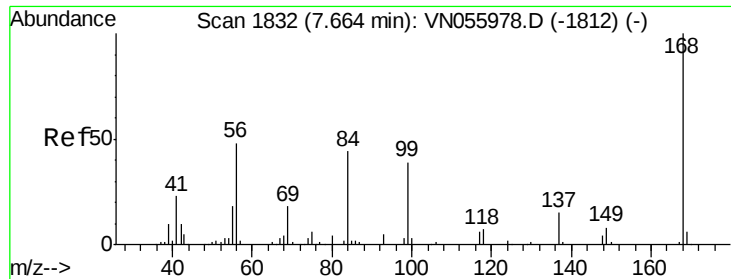
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061119\
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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: VN056215.D

Acq: 11 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

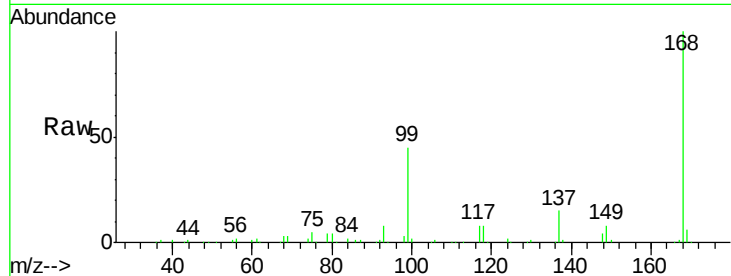
BP-TT-MW202I-20190610

Tot Ion:168 Resp: 316569

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

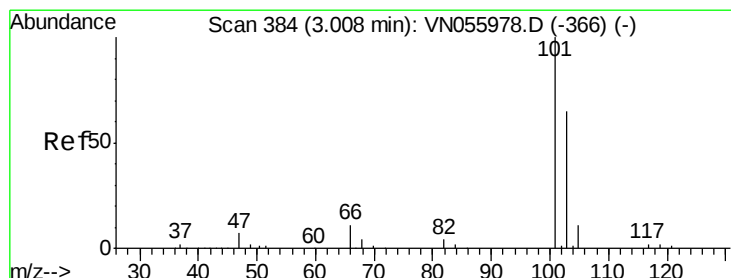
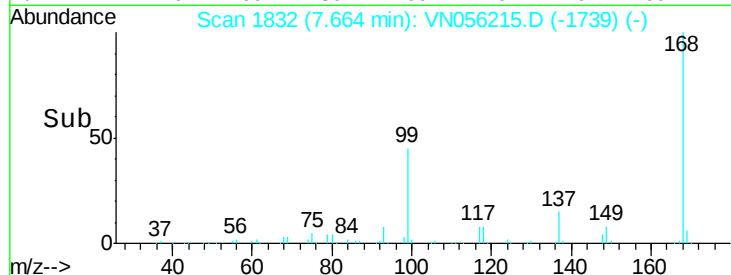
100000

50000

0

7.60 7.70 7.80

Time-->



#7

Trichlorofluoromethane

Concen: 3.298 ug/l

RT: 3.00 min Scan# 383

Delta R.T. -0.00 min

Lab File: VN056215.D

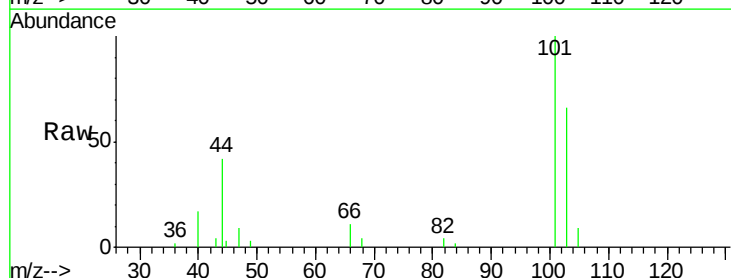
Acq: 11 Jun 2019 11:51

Tgt Ion:101 Resp: 14493

Ion Ratio Lower Upper

101 100

103 65.6 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.00

8000

6000

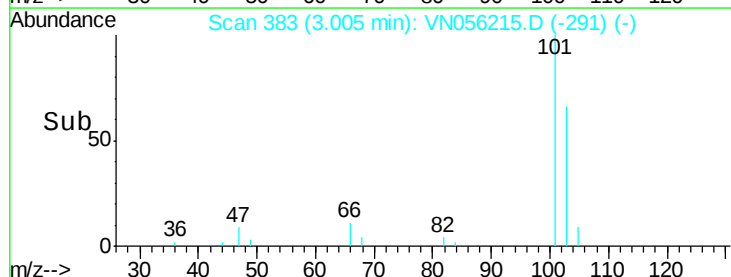
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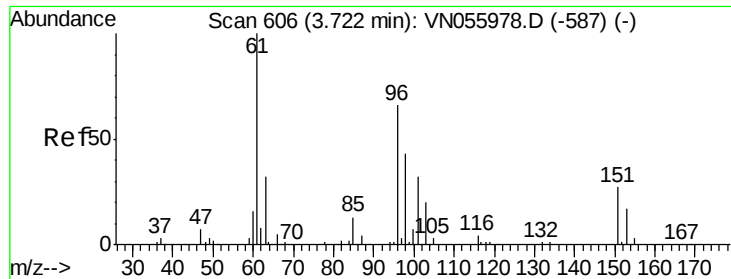
2000

0

2.95 3.00 3.05

Time-->

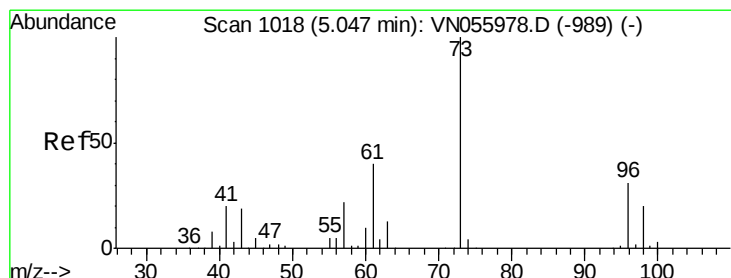
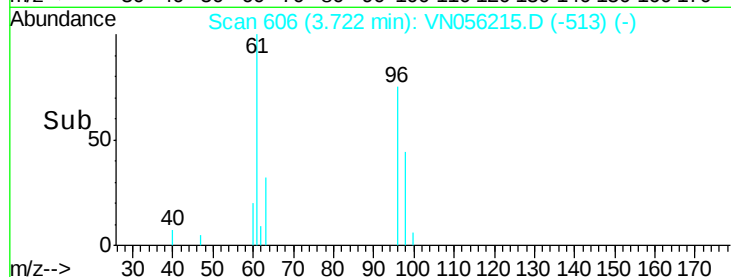
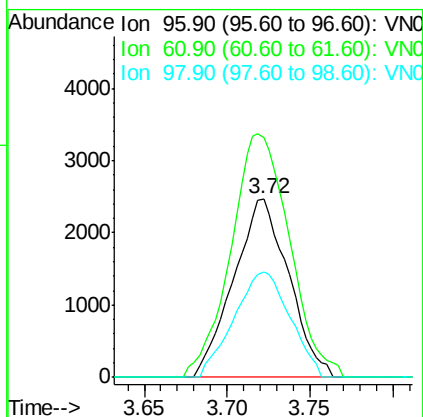
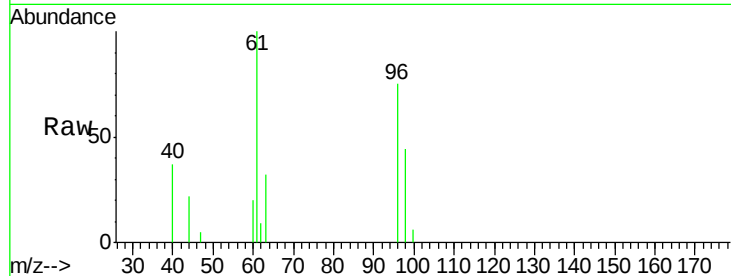




#12
 1,1-Dichloroethene
 Concen: 2.144 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056215.D
 Acq: 11 Jun 2019 11:51

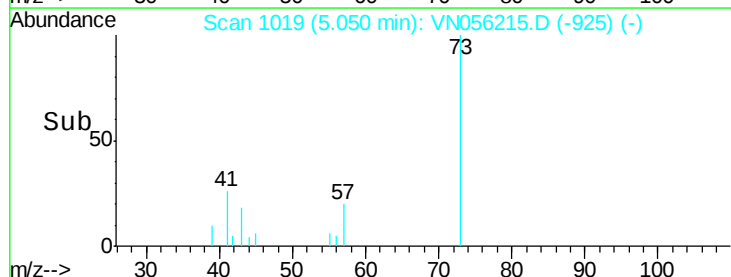
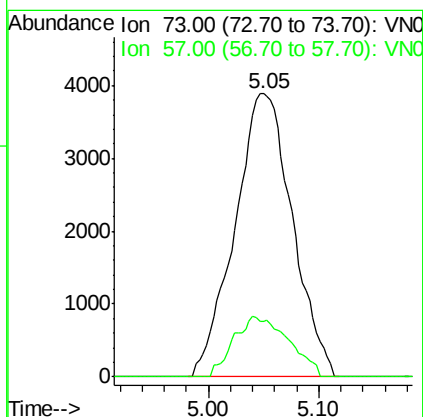
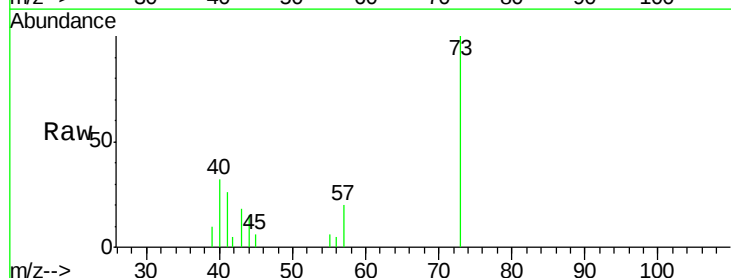
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 BP-TT-MW202I-20190610

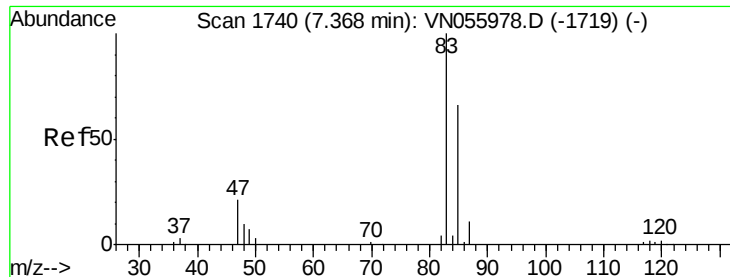
Tot Ion: 96 Resp: 5698
 Ion Ratio Lower Upper
 96 100
 61 127.9 123.2 184.8
 98 58.9 50.4 75.6



#19
 Methyl tert-butyl Ether
 Concen: 1.658 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056215.D
 Acq: 11 Jun 2019 11:51

Tgt Ion: 73 Resp: 14048
 Ion Ratio Lower Upper
 73 100
 57 19.8 17.8 26.8

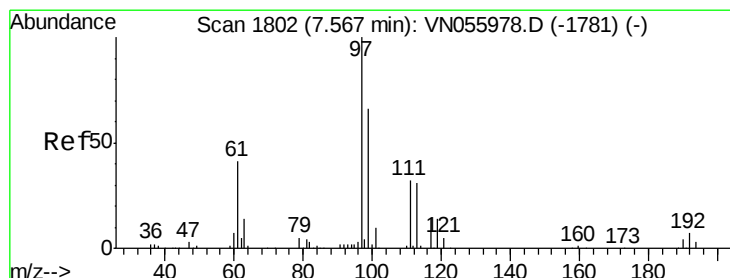
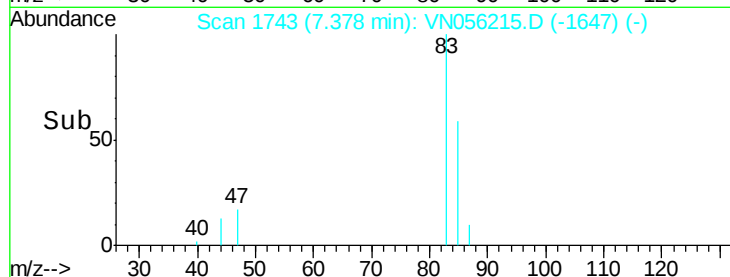
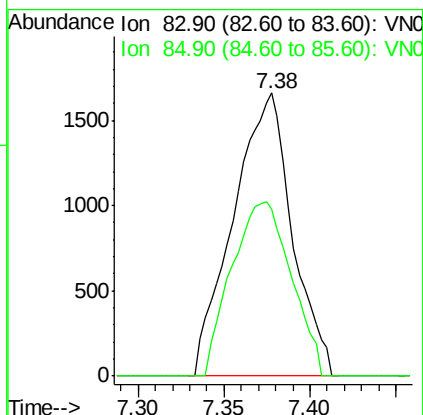
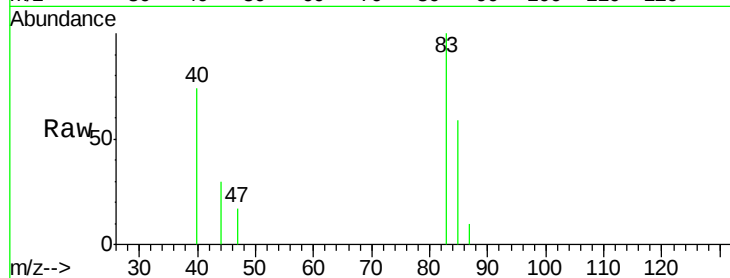




#30
Chloroform
Concen: 0.786 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

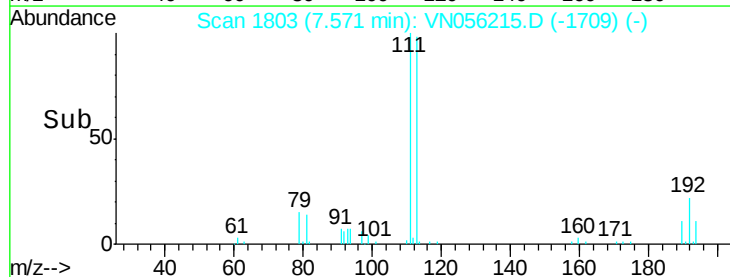
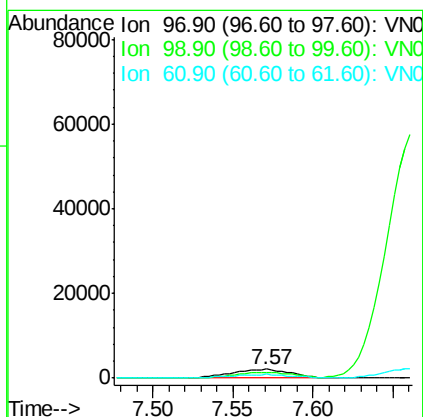
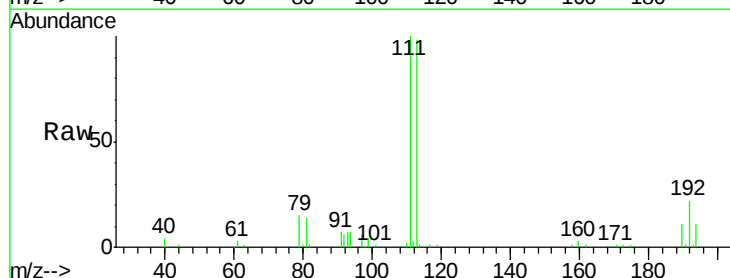
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MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

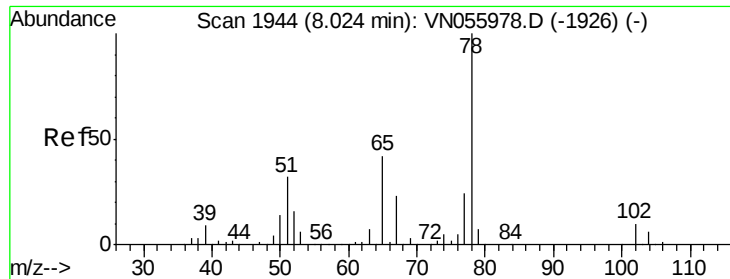
Tot Ion: 83 Resp: 3958
Ion Ratio Lower Upper
83 100
85 59.0 51.8 77.8



#32
1,1,1-Trichloroethane
Concen: 1.289 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 97 Resp: 5418
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 40.8 32.9 49.3

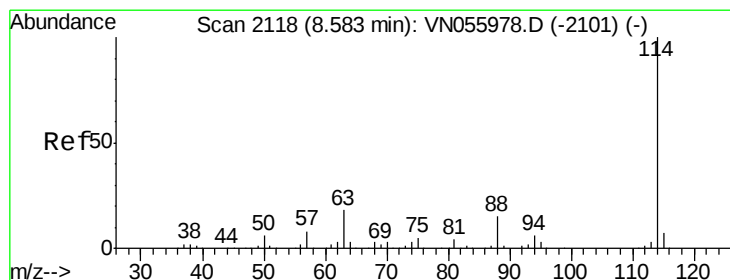
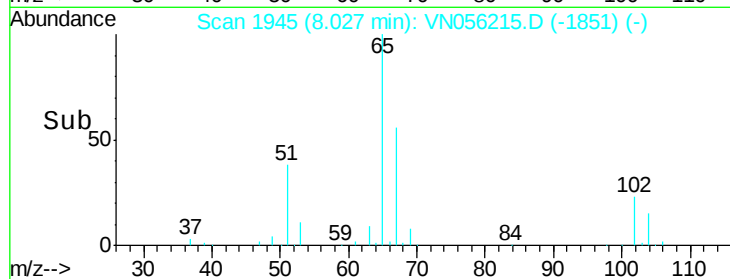
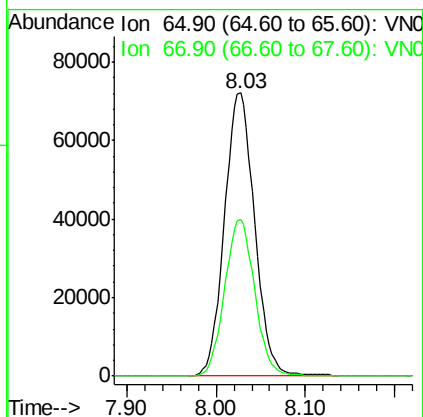
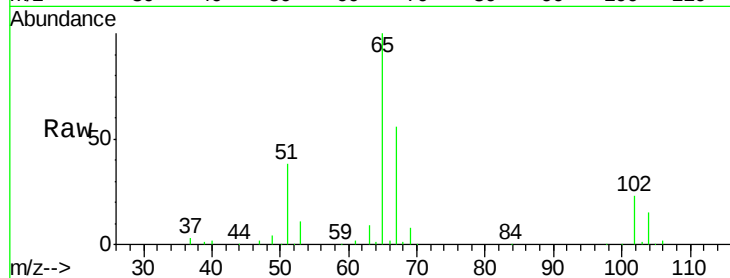




#33
 1,2-Dichloroethane-d4
 Concen: 53.843 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056215.D
 Acq: 11 Jun 2019 11:51

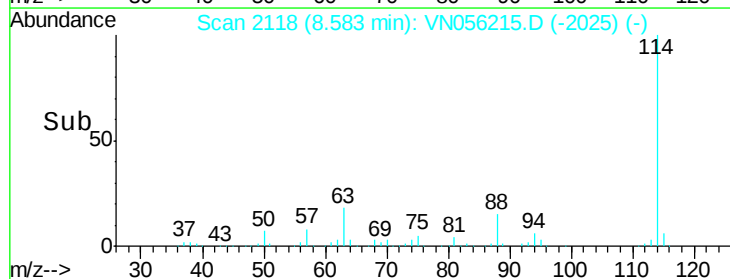
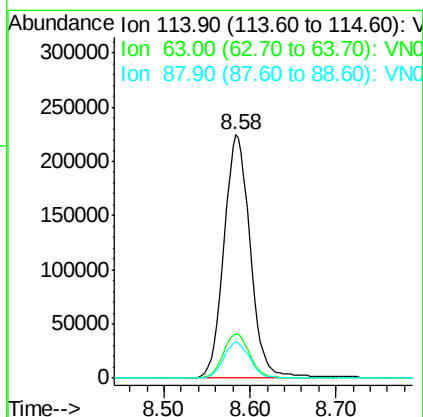
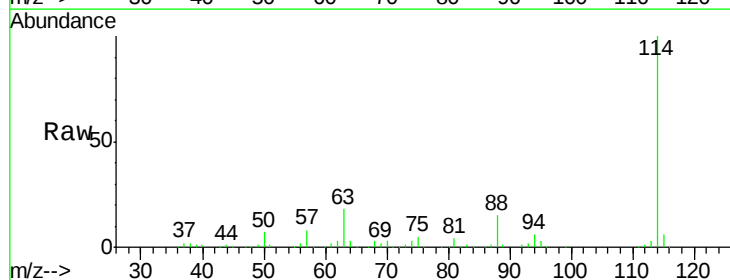
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 BP-TT-MW202I-20190610

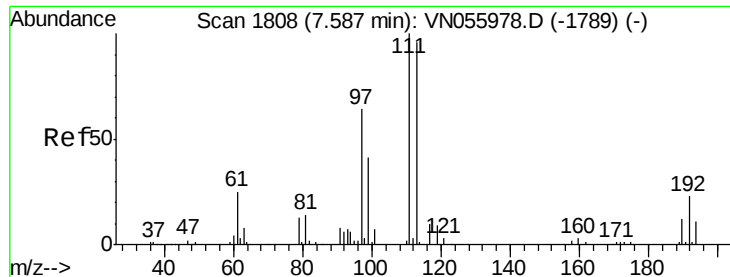
Tot Ion: 65 Resp: 169242
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056215.D
 Acq: 11 Jun 2019 11:51

Tgt Ion: 114 Resp: 479132
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 14.9 0.0 31.0

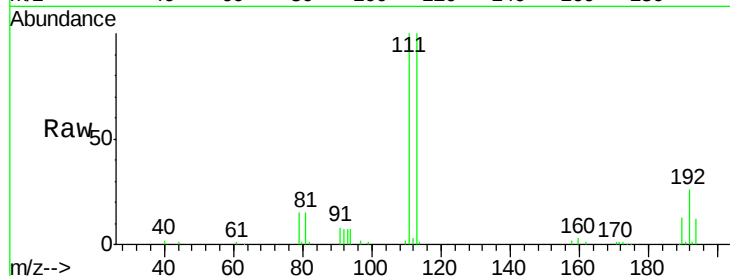




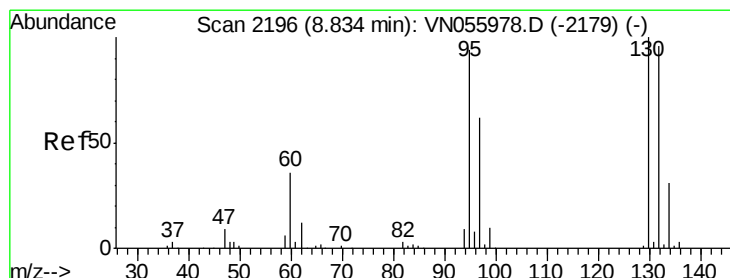
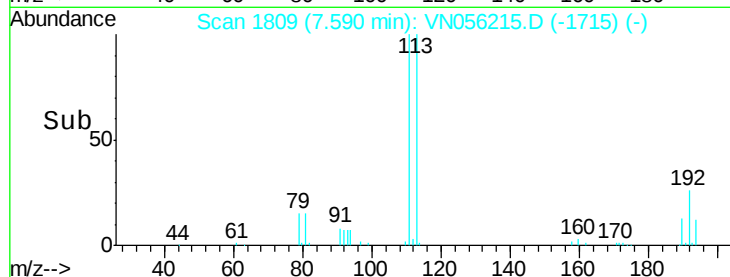
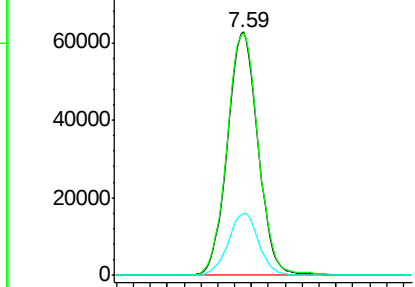
#35
 Dibromofluoromethane
 Concen: 53.806 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056215.D
 Acq: 11 Jun 2019 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW202I-20190610

Tot Ion:113 Resp: 158171
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 25.4 19.5 29.3

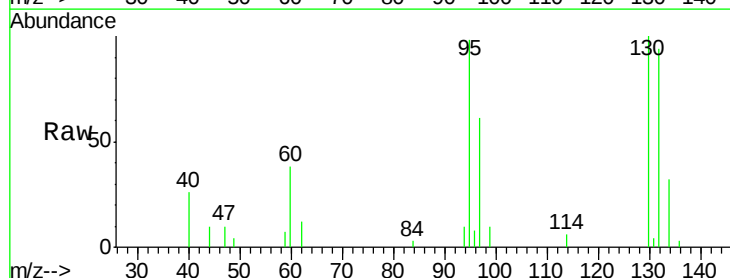


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

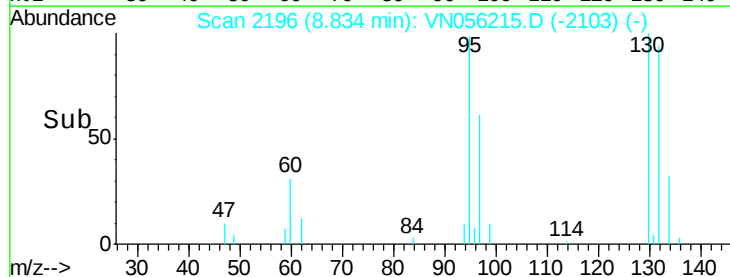
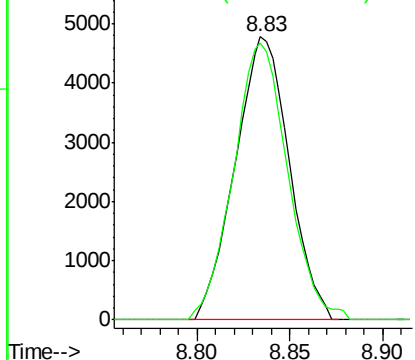


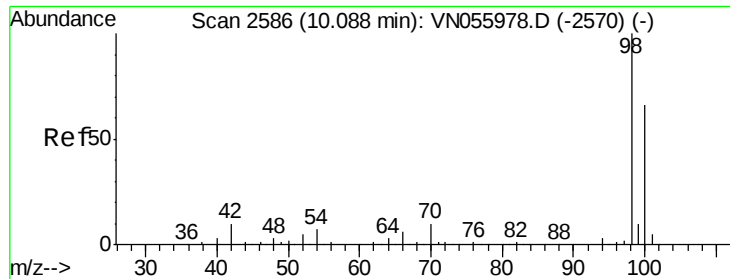
#44
 Trichloroethene
 Concen: 2.687 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056215.D
 Acq: 11 Jun 2019 11:51

Tgt Ion:130 Resp: 9661
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 54.668 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056215.D

Acq: 11 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

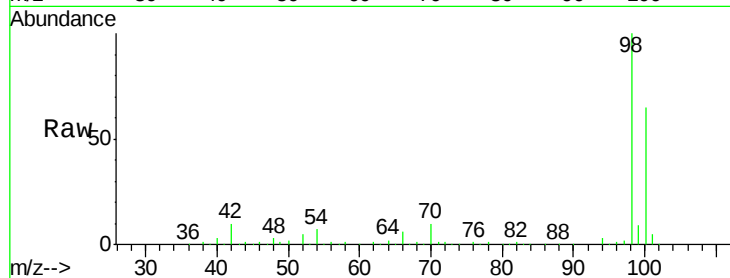
BP-TT-MW202I-20190610

Tot Ion: 98 Resp: 618386

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

300000

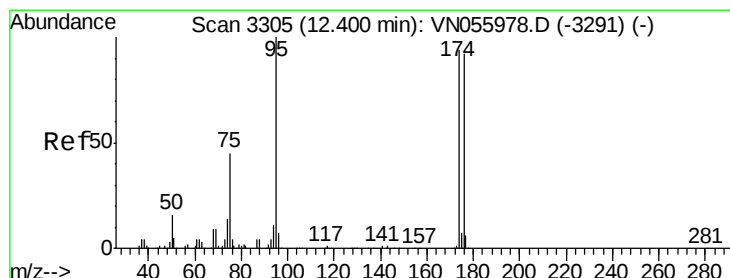
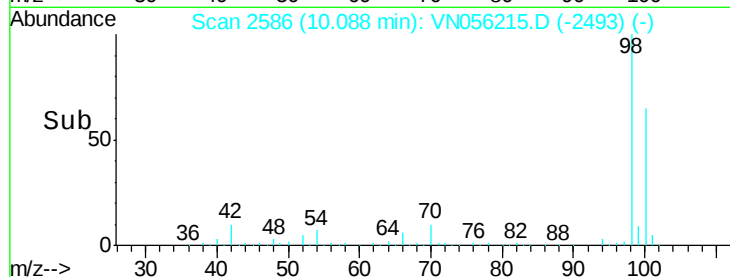
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 52.051 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056215.D

Acq: 11 Jun 2019 11:51

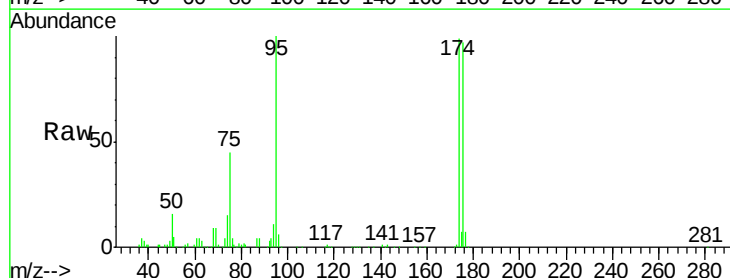
Tgt Ion: 95 Resp: 200231

Ion Ratio Lower Upper

95 100

174 100.7 0.0 191.0

176 97.8 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) (-)

12.40

150000

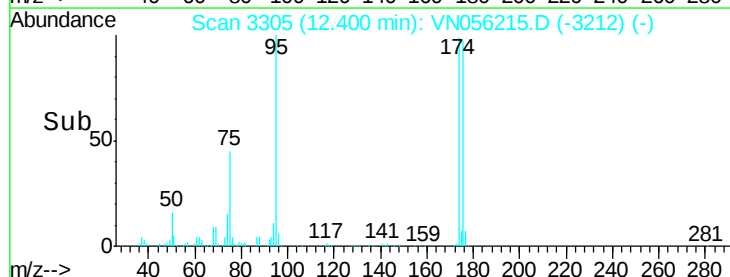
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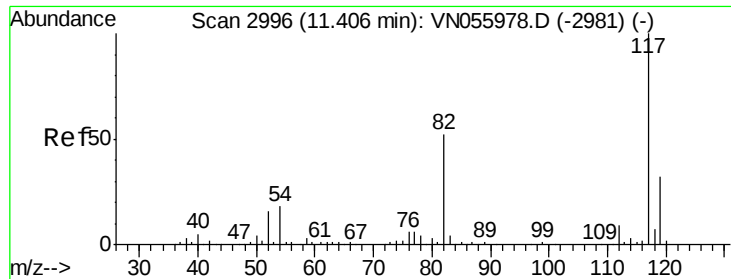
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Time-->

12.30 12.40 12.50

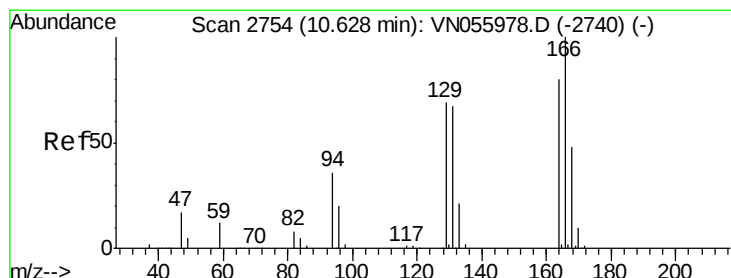
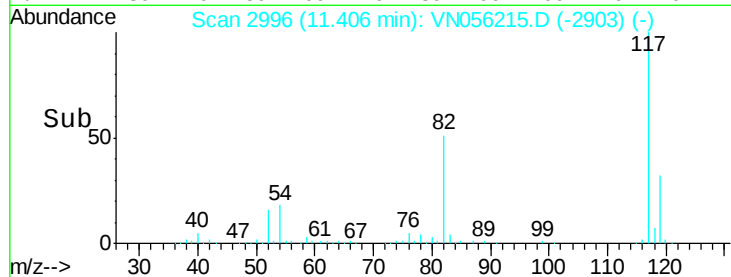
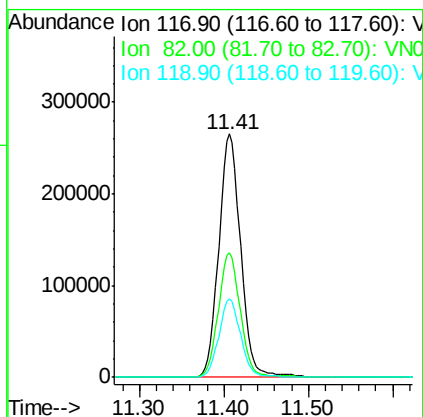
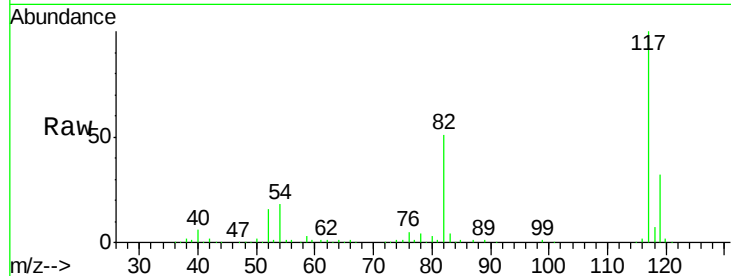




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

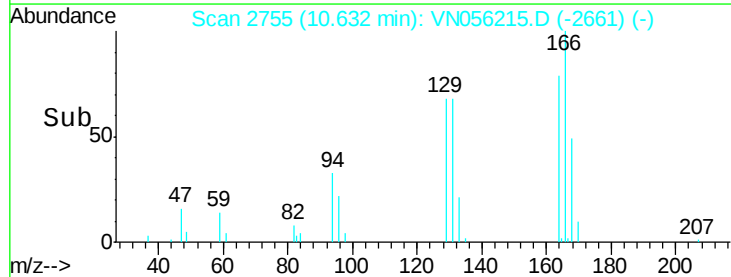
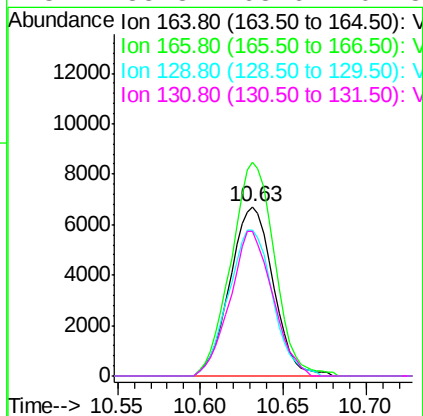
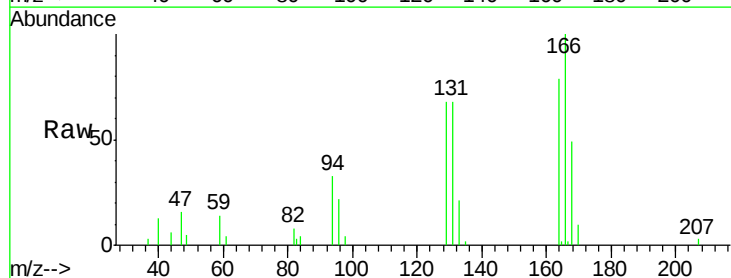
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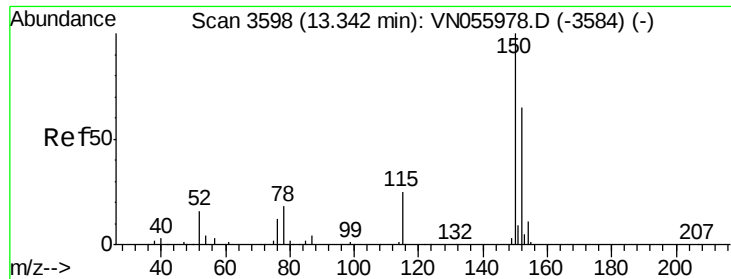
Tot Ion:117 Resp: 478114
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 2.945 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:164 Resp: 12190
Ion Ratio Lower Upper
164 100
166 126.4 103.0 154.6
129 86.5 70.6 105.8
131 85.8 68.6 102.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056215.D

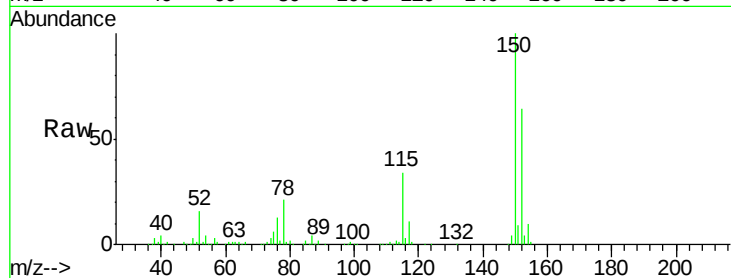
Acq: 11 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW202I-20190610



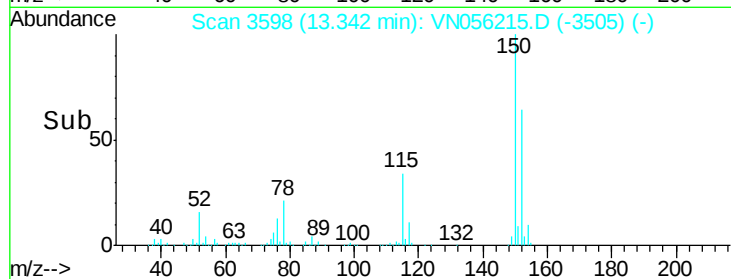
Tot Ion:152 Resp: 157507

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

150 157.4 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

