

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056793.D
 Acq On : 17 Jul 2019 13:48
 Operator : JC/SP
 Sample : K3838-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Quant Time: Jul 18 08:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

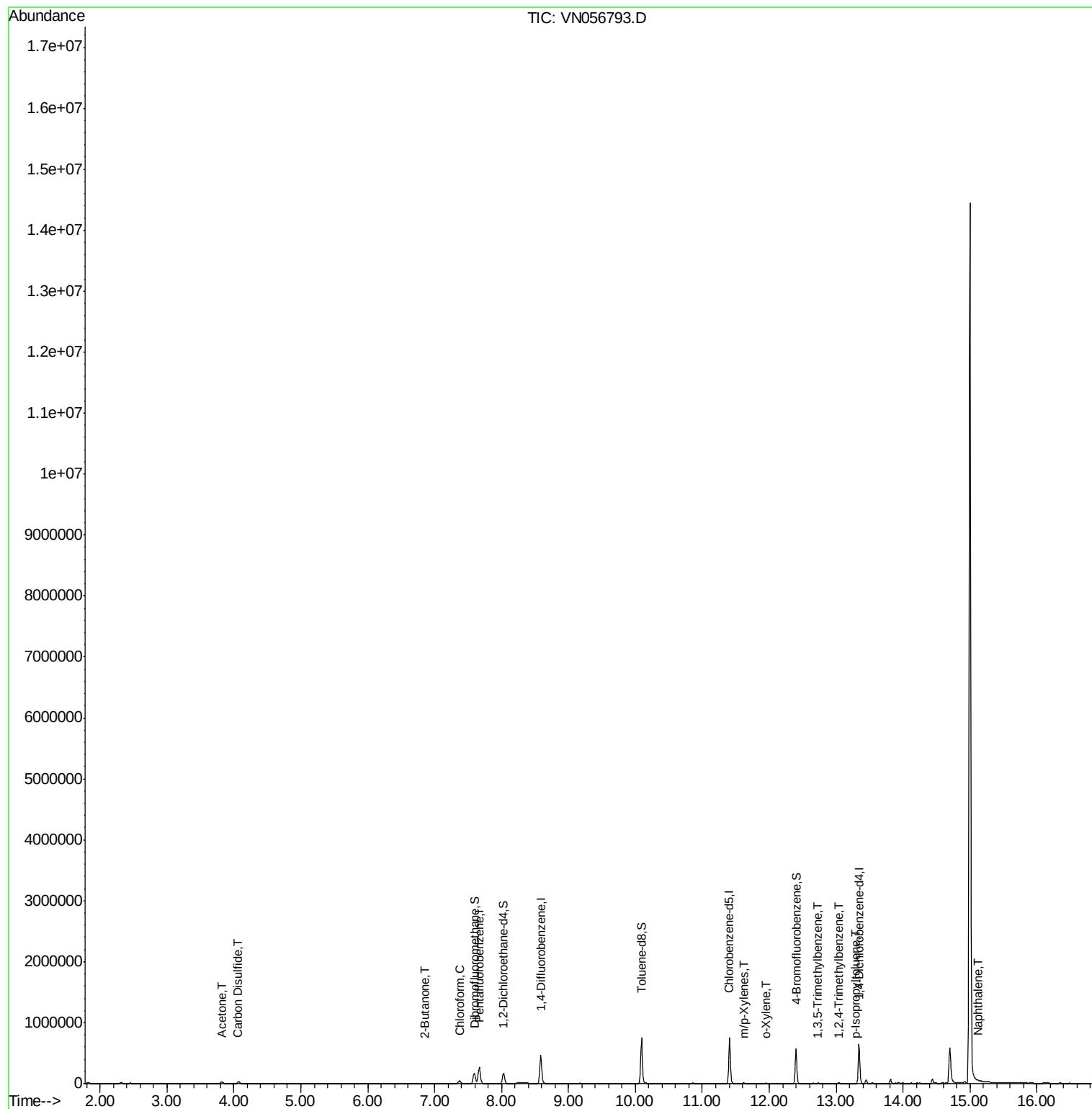
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	247421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	442830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147764	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.59	113	134792	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.09	98	558957	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	205823	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	45895	36.390	ug/l	96
17) Carbon Disulfide	4.05	76	8078	1.314	ug/l	97
25) 2-Butanone	6.85	43	9420	5.109	ug/l	97
30) Chloroform	7.37	83	53864	11.693	ug/l	98
68) m/p-Xylenes	11.62	106	3766	0.605	ug/l	89
69) o-Xylene	11.95	106	2514	0.411	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	4312	0.344	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	9906	0.808	ug/l	95
86) p-Isopropyltoluene	13.29	119	3900	0.309	ug/l	92
95) Naphthalene	15.13	128	3836	4.880	ug/l #	80

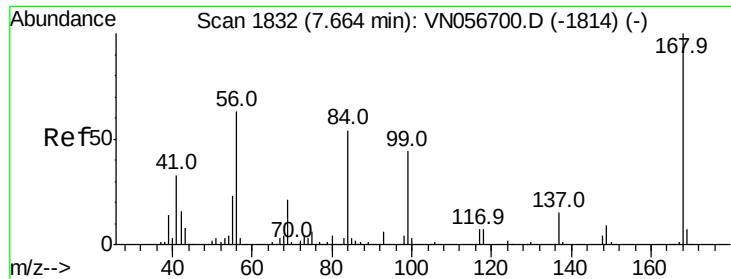
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056793.D

Acq: 17 Jul 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

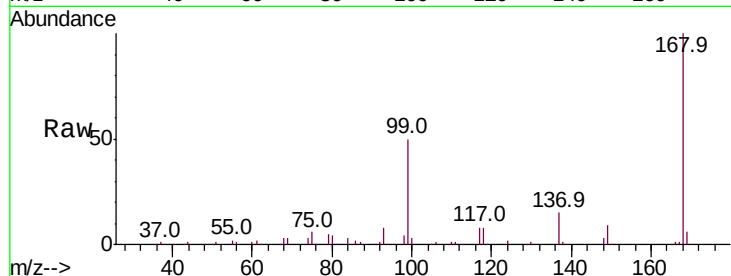
WARINANCO-CITY-SEWER-INSTAL

Tot Ion:168 Resp: 247421

Ion Ratio Lower Upper

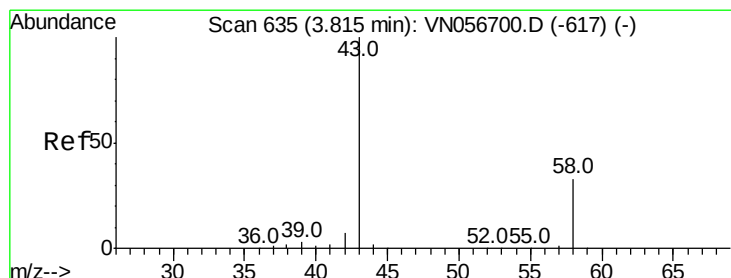
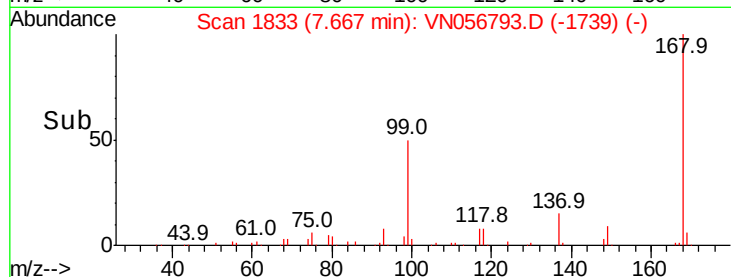
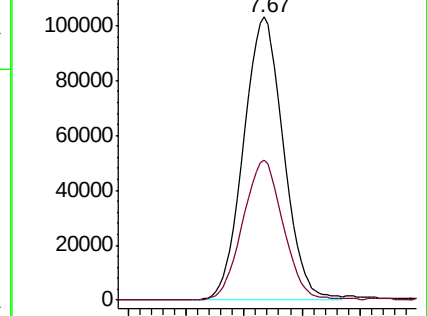
168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056793.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056793.D (-1739) (-)



#16

Acetone

Concen: 36.390 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056793.D

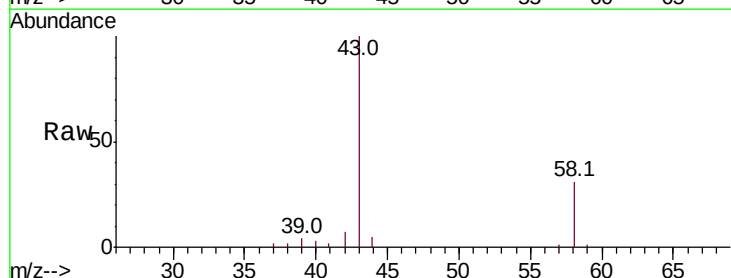
Acq: 17 Jul 2019 13:48

Tgt Ion: 43 Resp: 45895

Ion Ratio Lower Upper

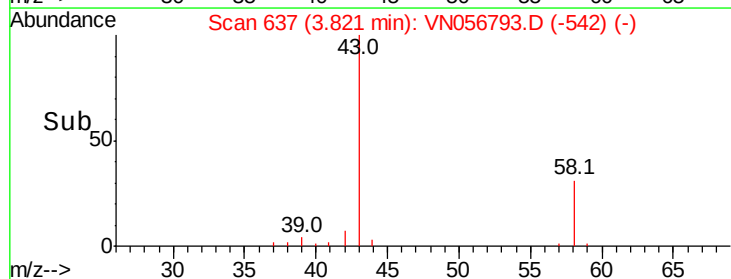
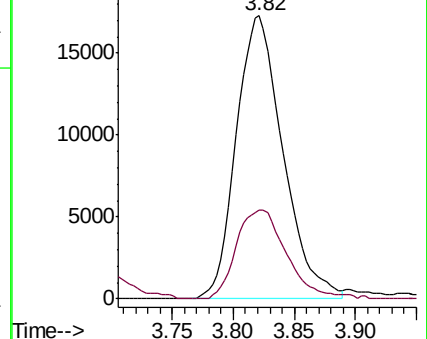
43 100

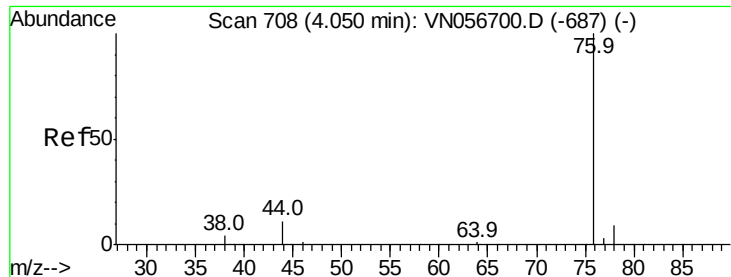
58 31.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056793.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056793.D (-542) (-)





#17

Carbon Disulfide

Concen: 1.314 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056793.D

Acq: 17 Jul 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

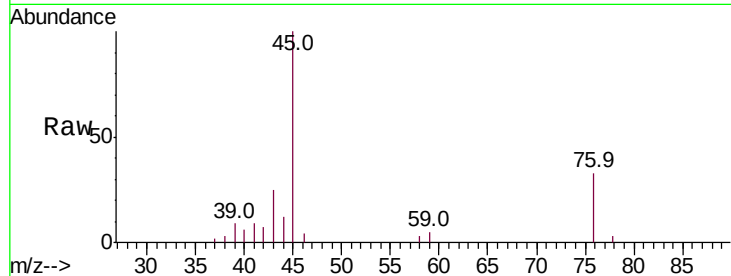
WARINANCO-CITY-SEWER-INSTAL

Tot Ion: 76 Resp: 8078

Ion Ratio Lower Upper

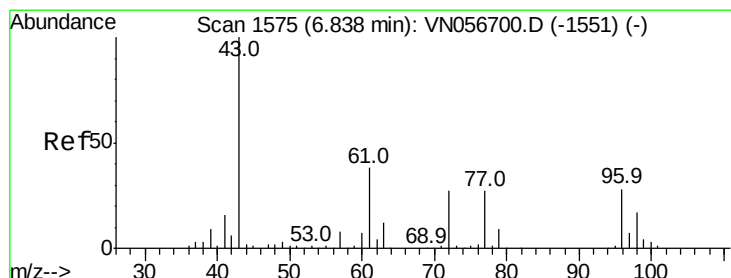
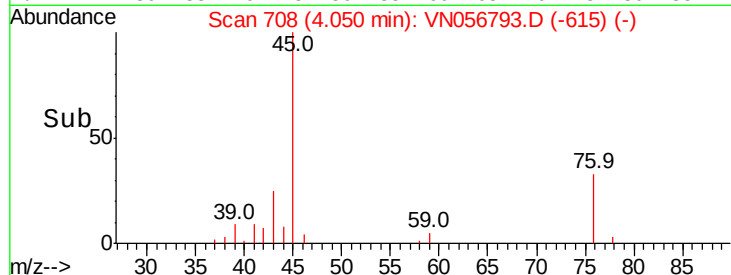
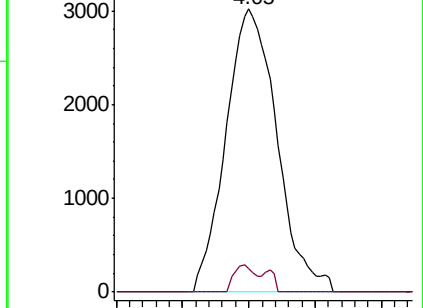
76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#25

2-Butanone

Concen: 5.109 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN056793.D

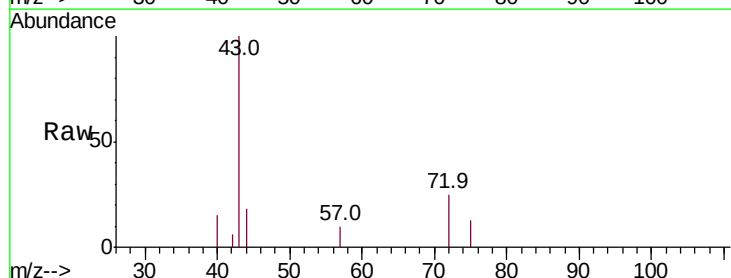
Acq: 17 Jul 2019 13:48

Tgt Ion: 43 Resp: 9420

Ion Ratio Lower Upper

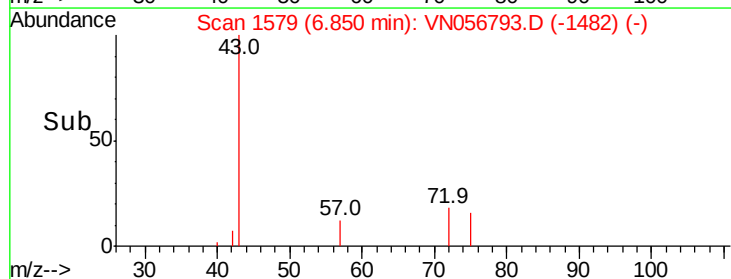
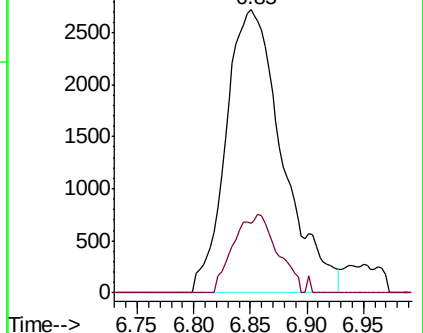
43 100

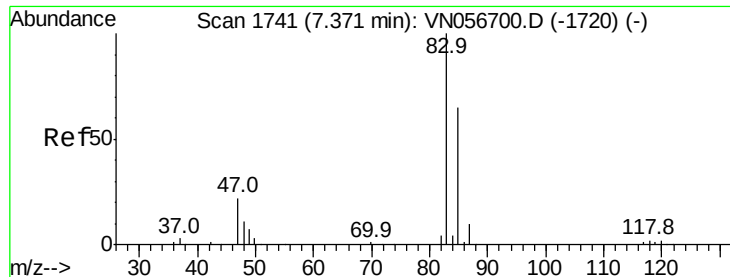
72 24.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

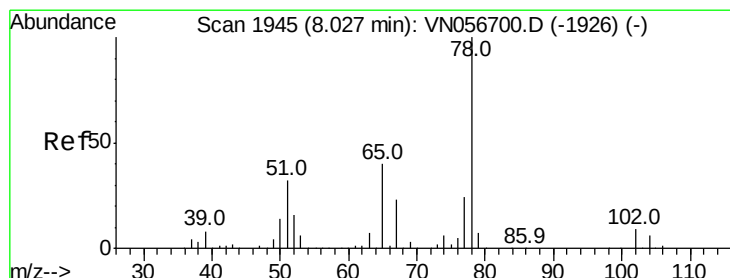
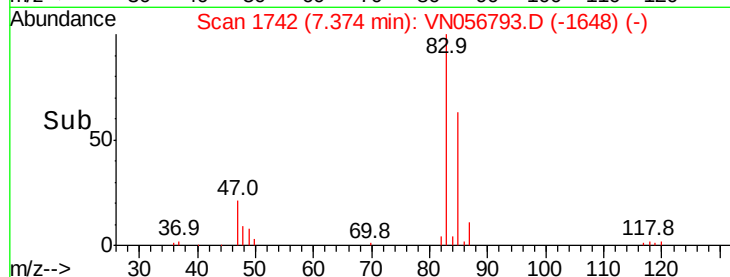
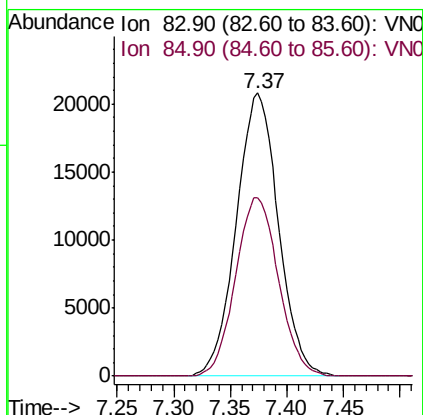
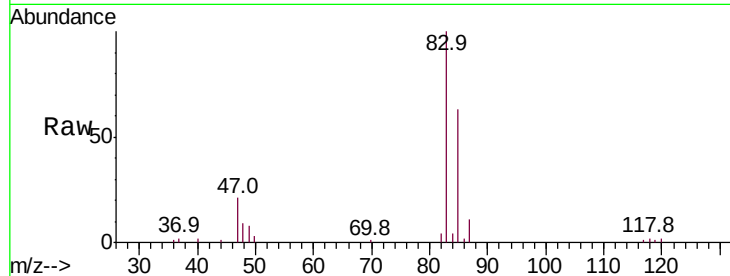




#30
Chloroform
Concen: 11.693 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

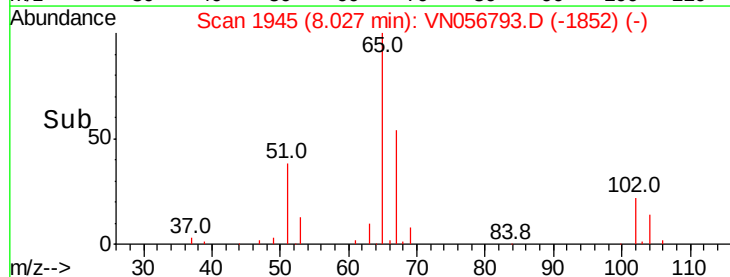
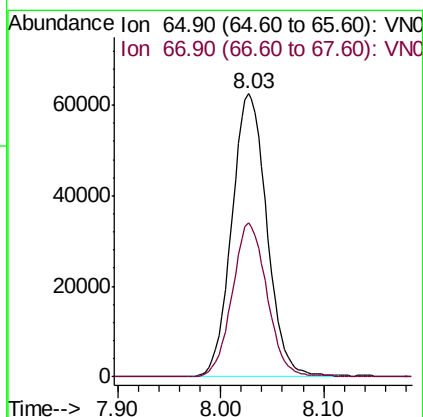
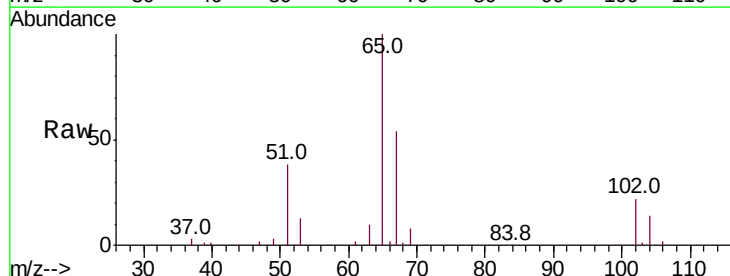
Instrument :
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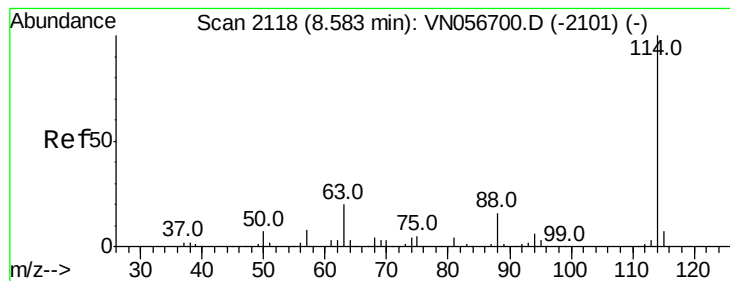
Tot Ion: 83 Resp: 53864
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 53.991 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

Tgt Ion: 65 Resp: 147764
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056793.D

Acq: 17 Jul 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

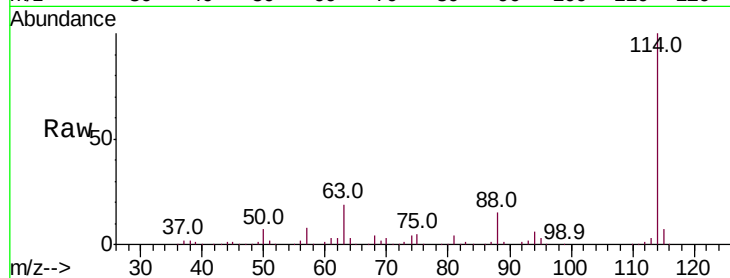
Tot Ion:114 Resp: 442830

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

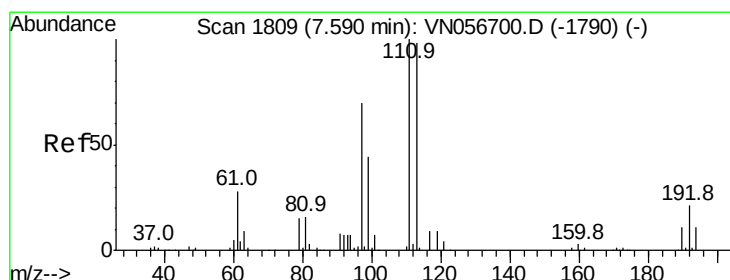
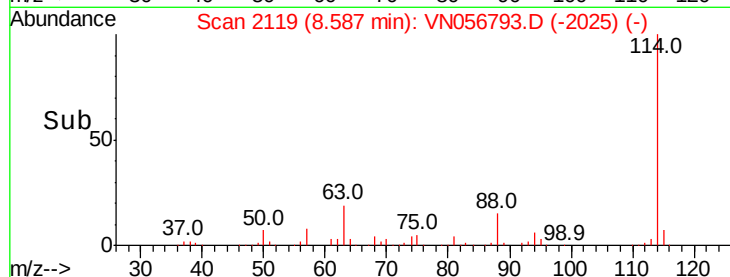
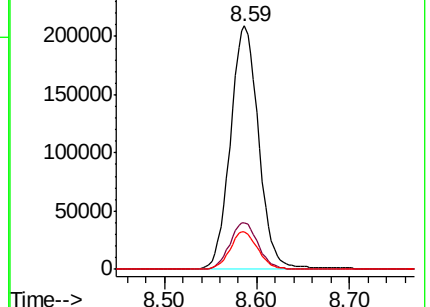
88 15.3 0.0 31.2



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: 48.912 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056793.D

Acq: 17 Jul 2019 13:48

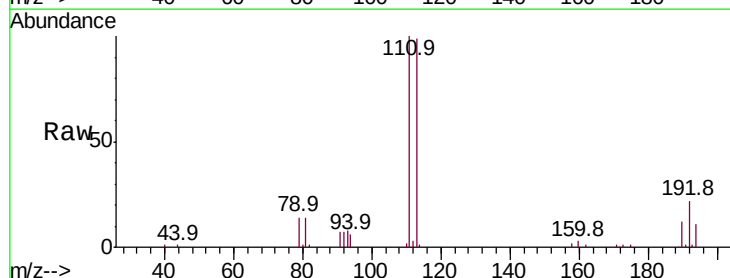
Tgt Ion:113 Resp: 134792

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.6

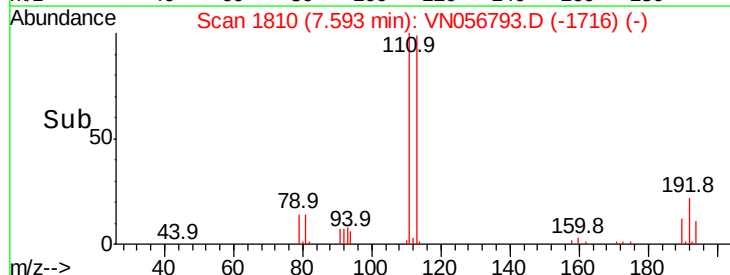
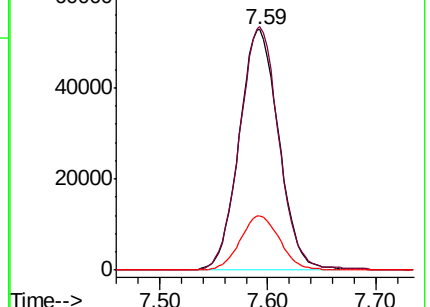
192 22.5 17.5 26.3

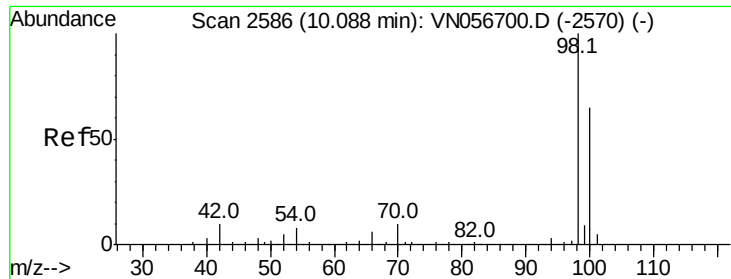


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

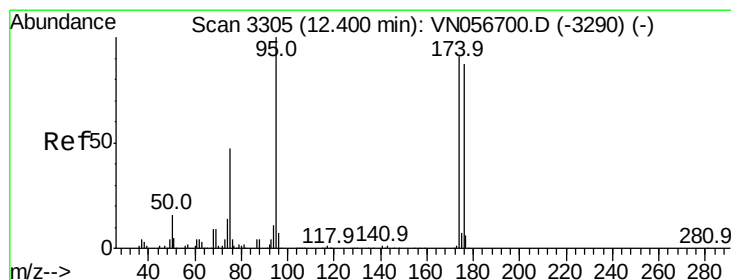
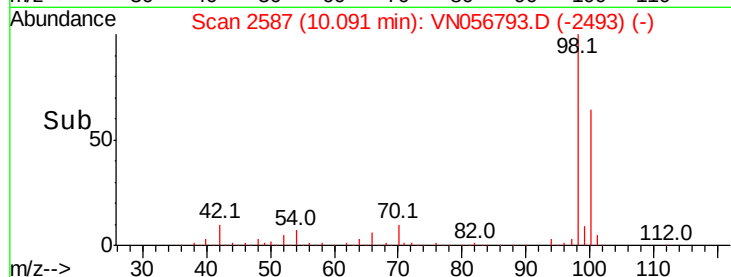
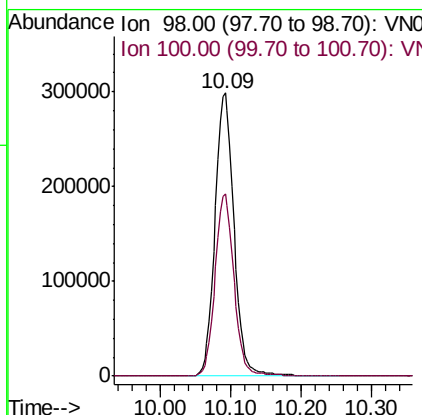
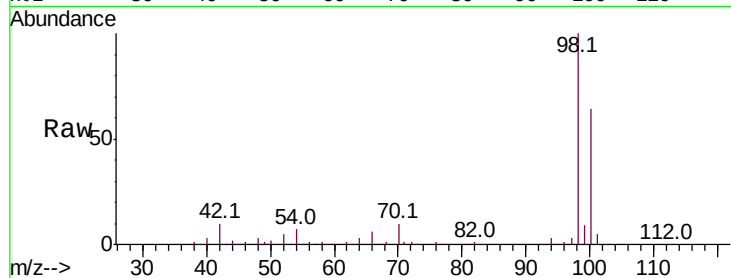




#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

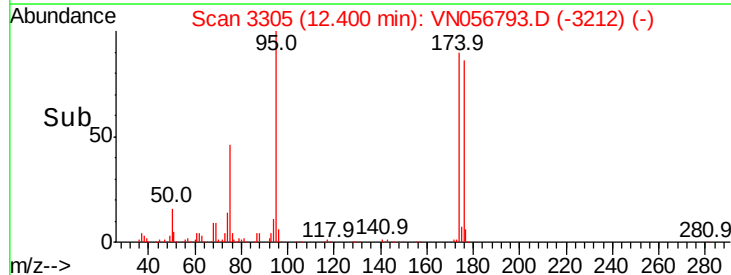
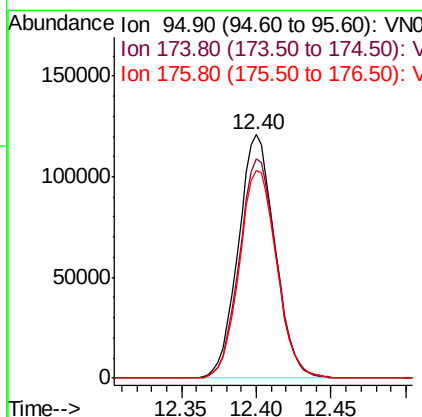
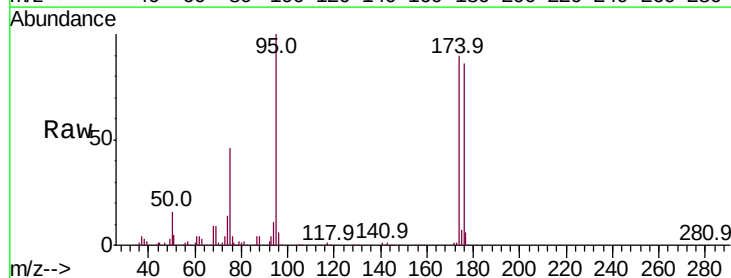
Instrument :
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WARINANCO-CITY-SEWER-INSTAL

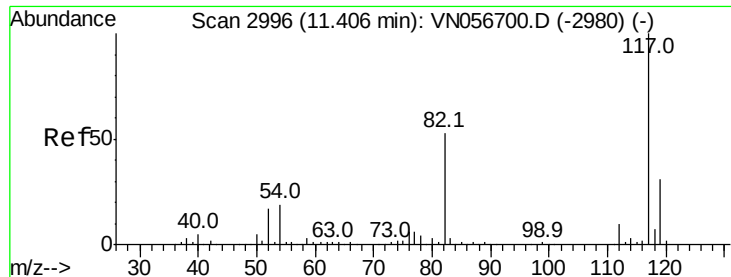
Tot Ion: 98 Resp: 558957
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.342 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

Tgt Ion: 95 Resp: 205823
Ion Ratio Lower Upper
95 100
174 91.6 0.0 180.0
176 87.2 0.0 173.2

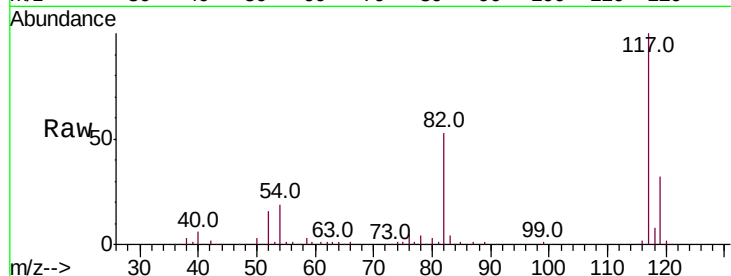




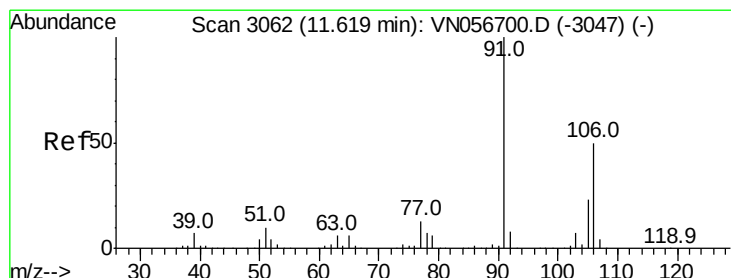
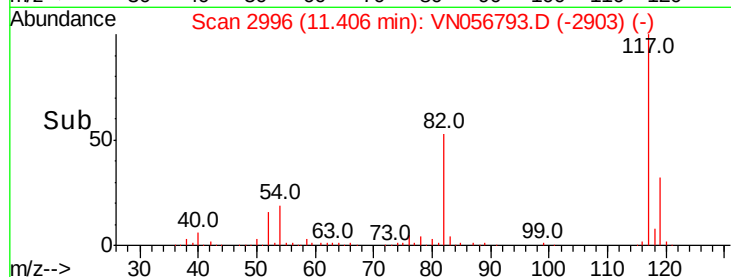
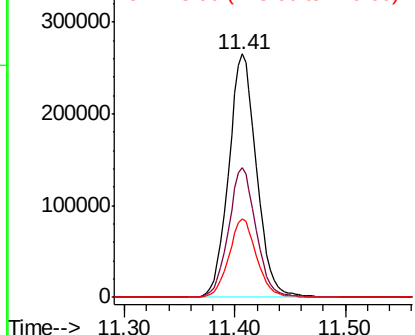
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tot Ion:117 Resp: 463652
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.3 25.2 37.8

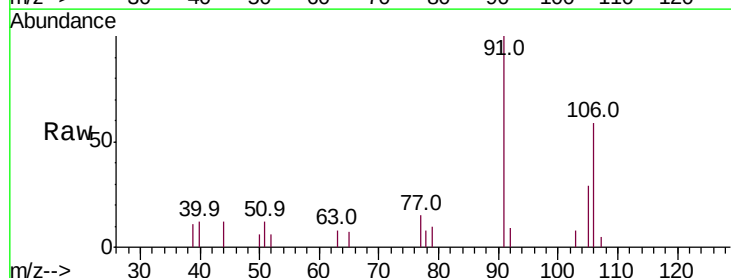


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

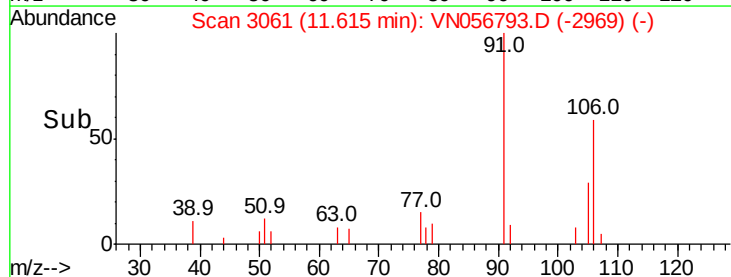
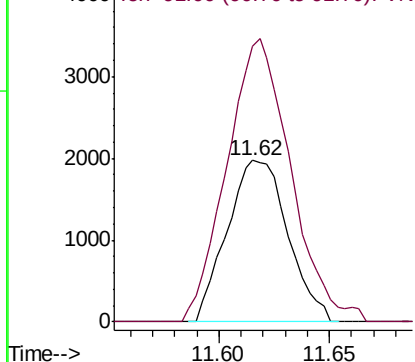


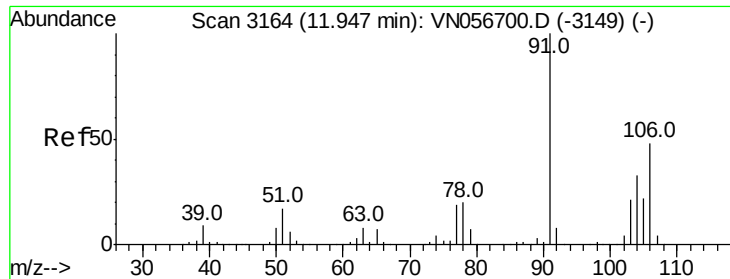
#68
m/p-Xylenes
Concen: 0.605 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

Tgt Ion:106 Resp: 3766
Ion Ratio Lower Upper
106 100
91 184.5 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

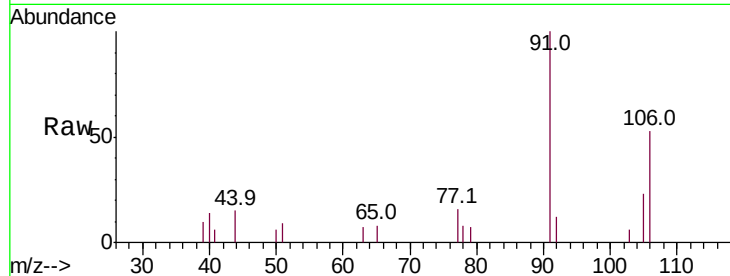




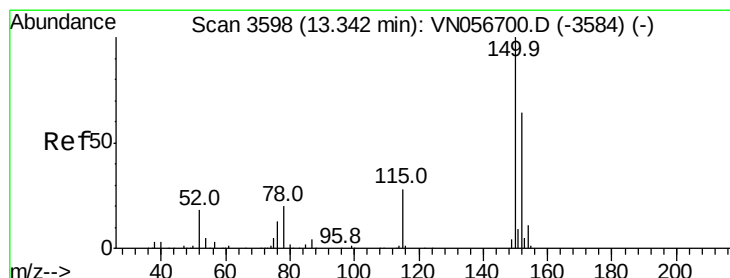
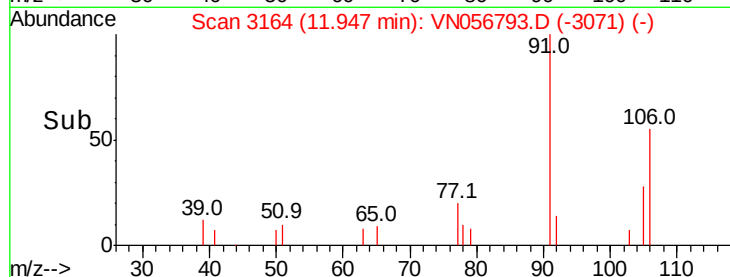
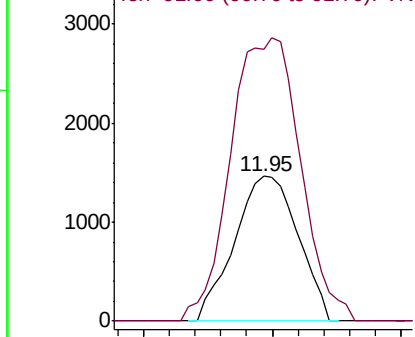
#69
o-Xylene
Concen: 0.411 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tot Ion:106 Resp: 2514
Ion Ratio Lower Upper
106 100
91 214.6 105.6 316.8

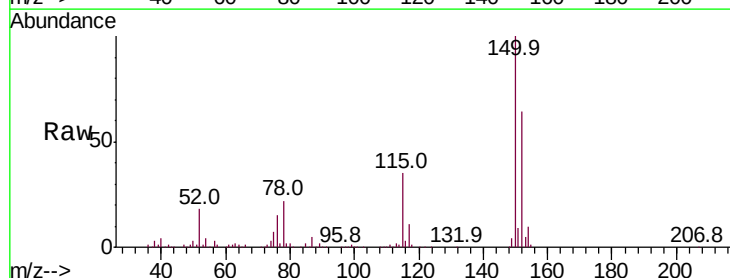


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

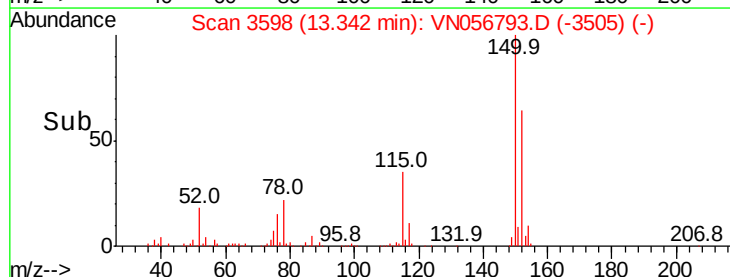
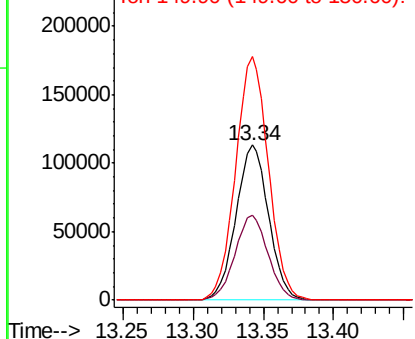


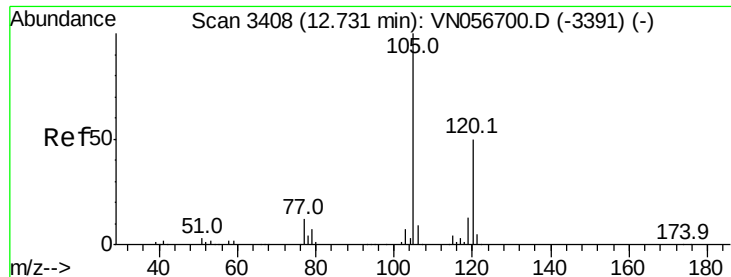
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056793.D
Acq: 17 Jul 2019 13:48

Tgt Ion:152 Resp: 183641
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 157.4 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





#80

1,3,5-Trimethylbenzene

Concen: 0.344 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056793.D

Acq: 17 Jul 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

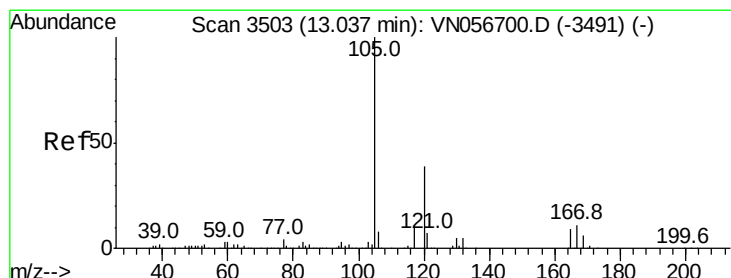
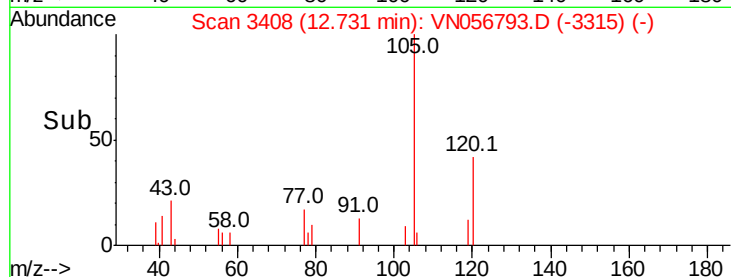
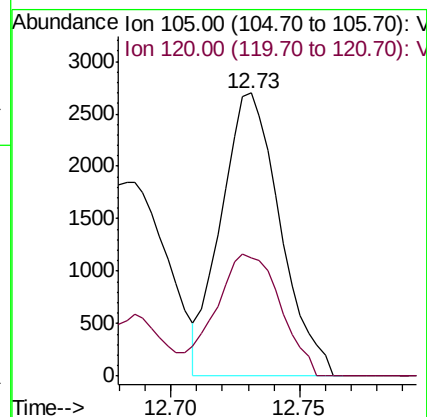
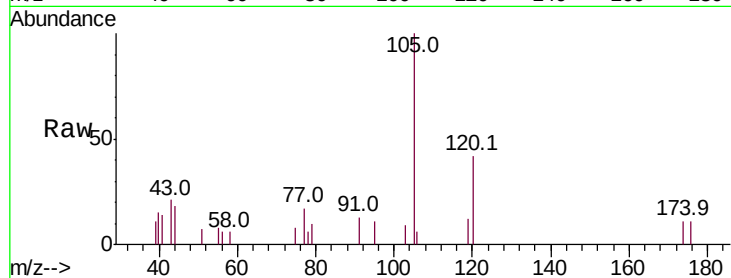
WARINANCO-CITY-SEWER-INSTAL

Tot Ion:105 Resp: 4312

Ion Ratio Lower Upper

105 100

120 48.1 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 0.808 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN056793.D

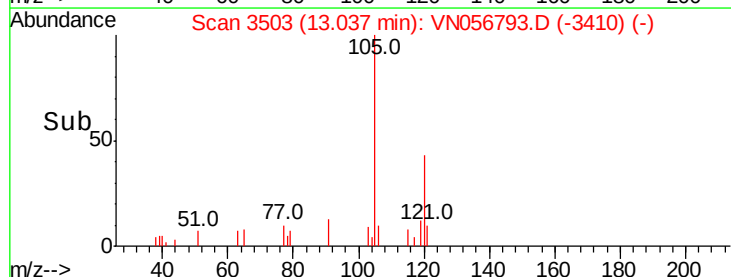
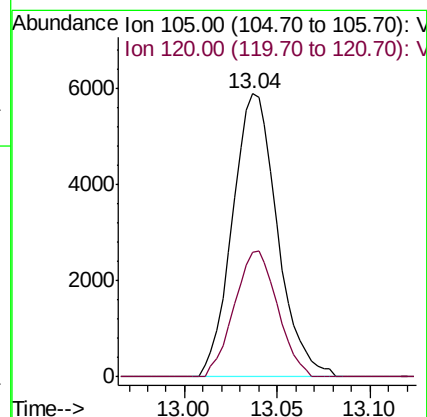
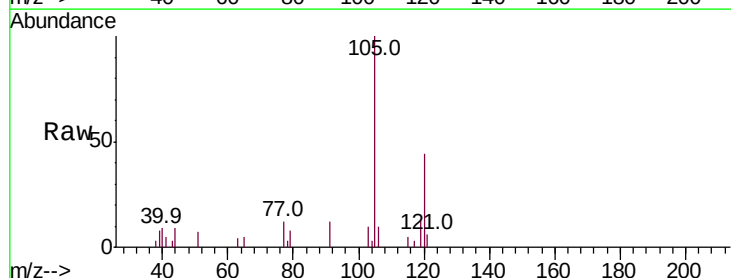
Acq: 17 Jul 2019 13:48

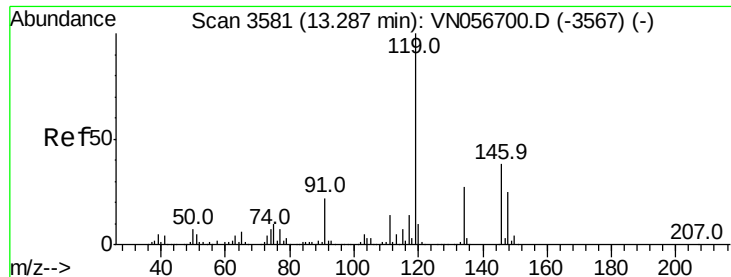
Tgt Ion:105 Resp: 9906

Ion Ratio Lower Upper

105 100

120 42.6 22.9 68.8

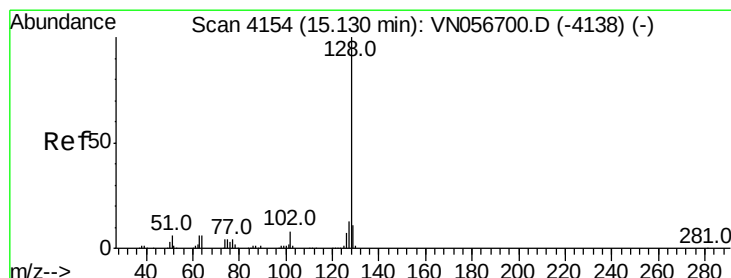
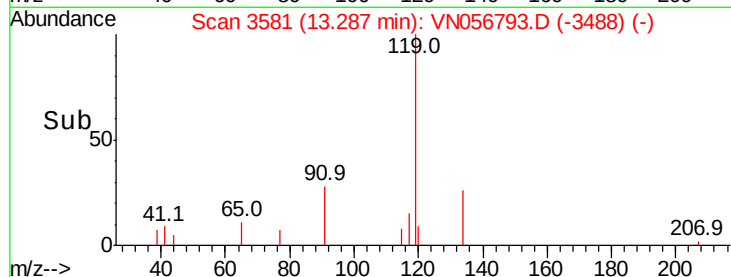
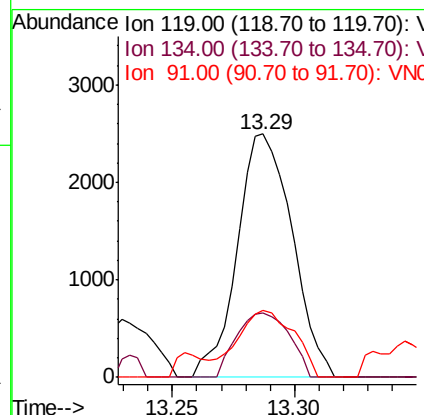
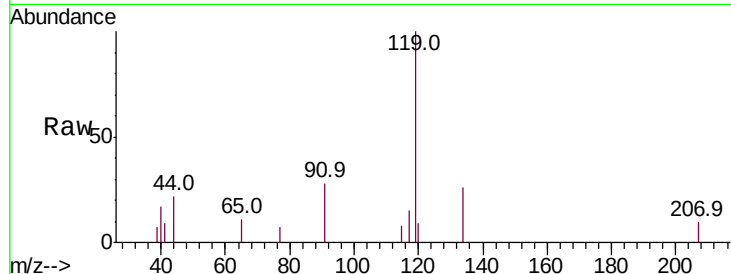




#86
 p-Isopropyltoluene
 Concen: 0.309 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056793.D
 Acq: 17 Jul 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tot Ion:119 Resp: 3900
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 28.6 11.2 33.5



#95
 Naphthalene
 Concen: 4.880 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056793.D
 Acq: 17 Jul 2019 13:48

Tgt Ion:128 Resp: 3836
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 9.0 8.7 13.1

