

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061406.D
 Acq On : 14 May 2020 20:48
 Operator : JC/MD
 Sample : L2666-01 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: May 15 07:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	17887	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	104192	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	90234	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	49583	30.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.17%
60) 4-Bromofluorobenzene	12.38	95	43172	28.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.40%
63) Toluene-d8	10.06	98	132421	31.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.63%

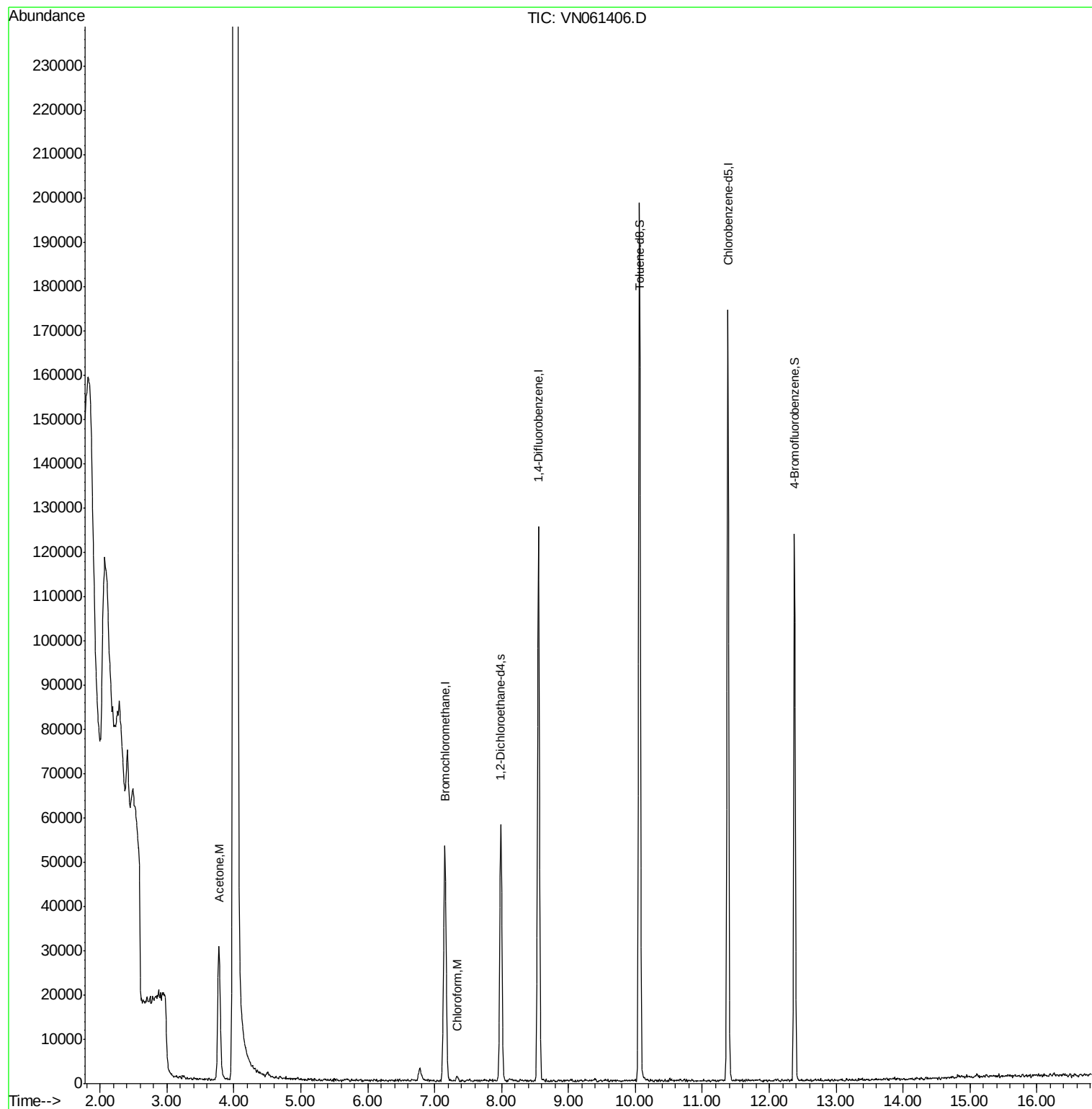
Target Compounds					Ovalue
15) Acetone	3.77	58	14935	113.551 ug/l	97
25) Chloroform	7.33	83	1244	0.546 ug/l	85

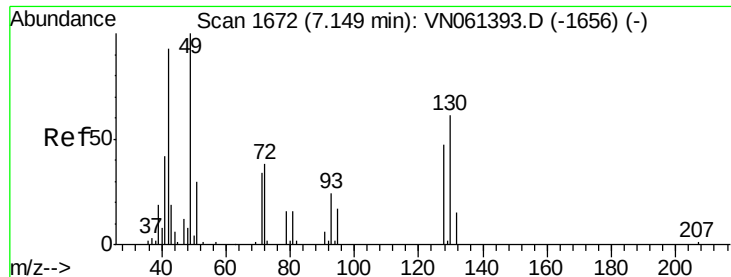
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061406.D

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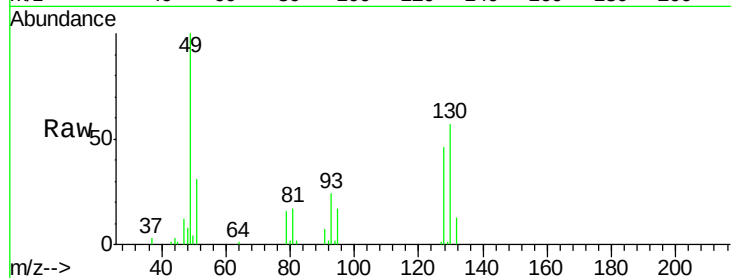
Tot Ion:128 Resp: 17887

Ion Ratio Lower Upper

128 100

49 214.2 0.0 453.5

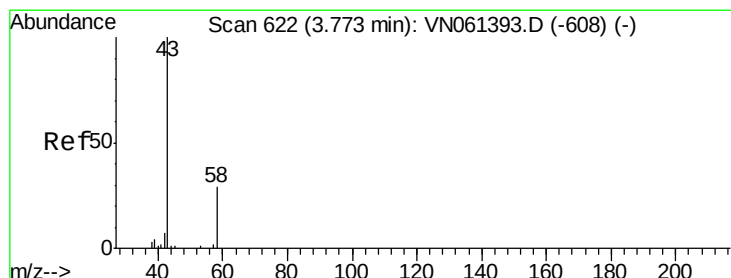
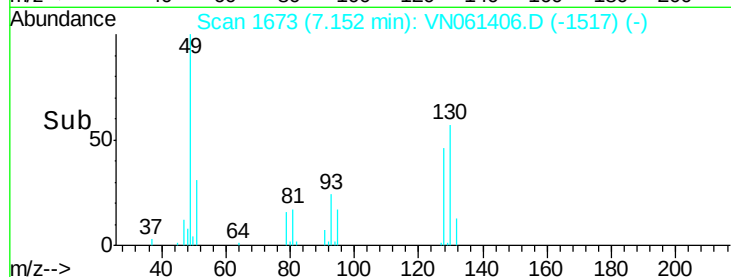
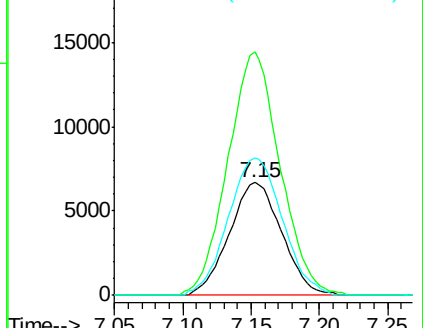
130 125.8 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 113.551 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061406.D

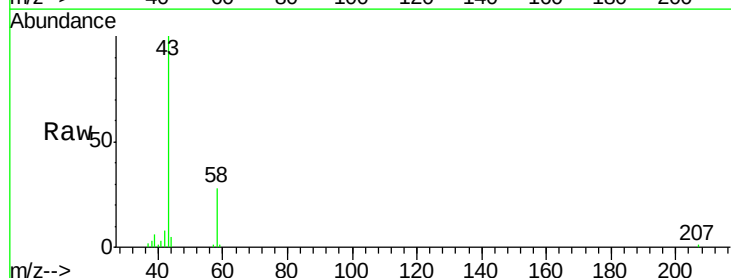
Acq: 14 May 2020 20:48

Tgt Ion: 58 Resp: 14935

Ion Ratio Lower Upper

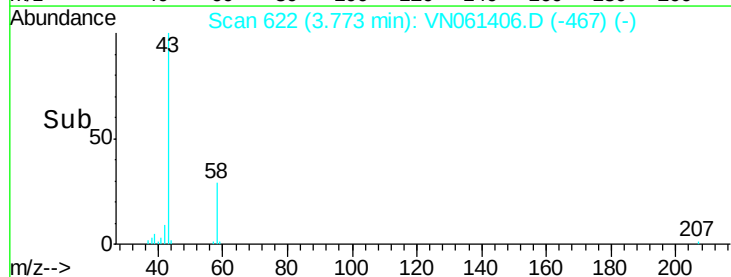
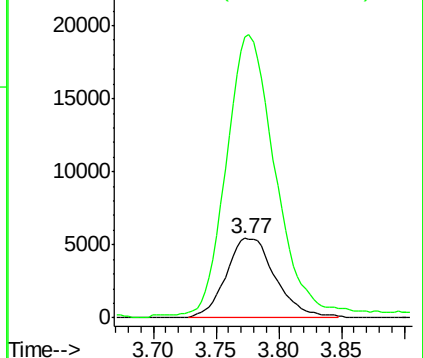
58 100

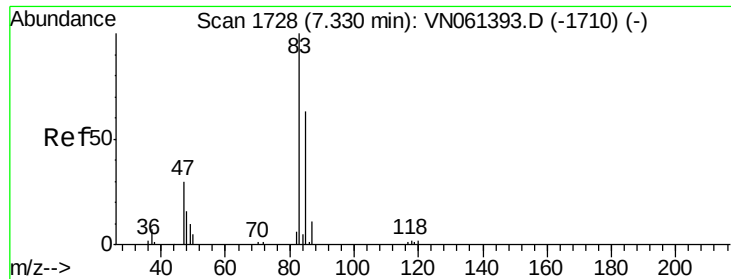
43 345.3 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 0.546 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN061406.D

Acq: 14 May 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

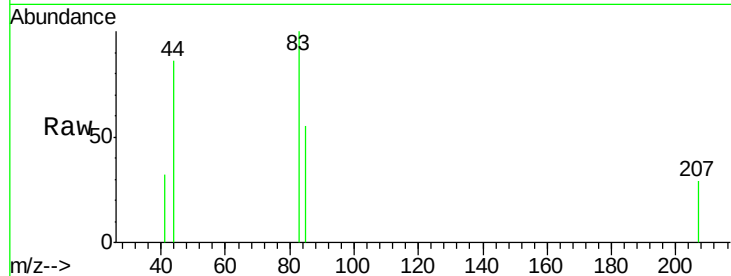
DSN-001-SEWER-OUTLET-001

Tot Ion: 83 Resp: 1244

Ion Ratio Lower Upper

83 100

85 55.2 53.8 80.8

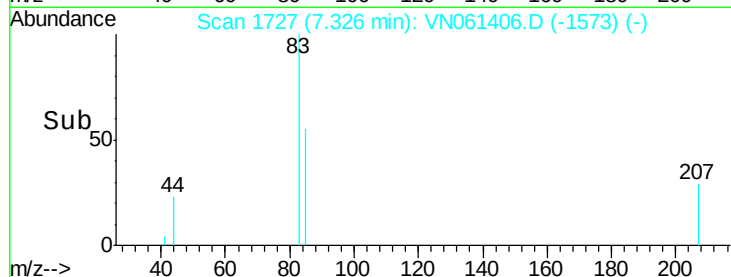


Abundance Ion 83.00 (82.70 to 83.70): VN061393.D (-1710) (-)

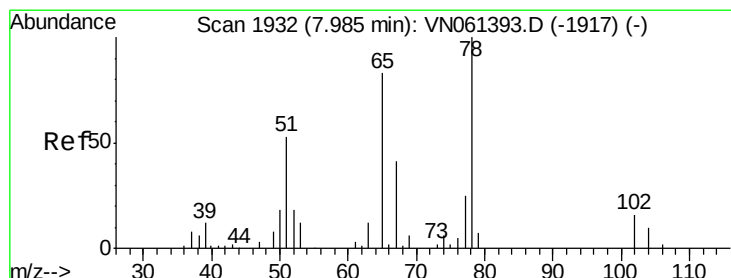
Ion 85.00 (84.70 to 85.70): VN061393.D (-1710) (-)

7.33

7.35



Time-->



#27

1,2-Dichloroethane-d4

Concen: 30.954 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061406.D

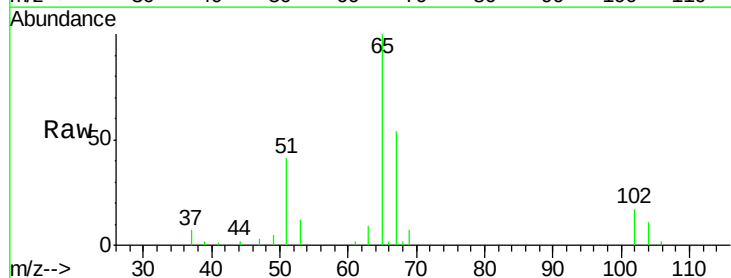
Acq: 14 May 2020 20:48

Tgt Ion: 65 Resp: 49583

Ion Ratio Lower Upper

65 100

67 52.5 41.5 62.3

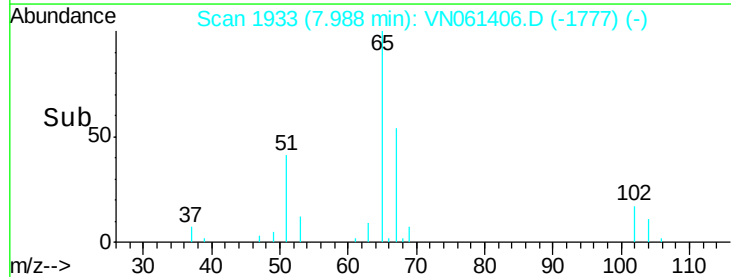


Abundance Ion 65.00 (64.70 to 65.70): VN061393.D (-1917) (-)

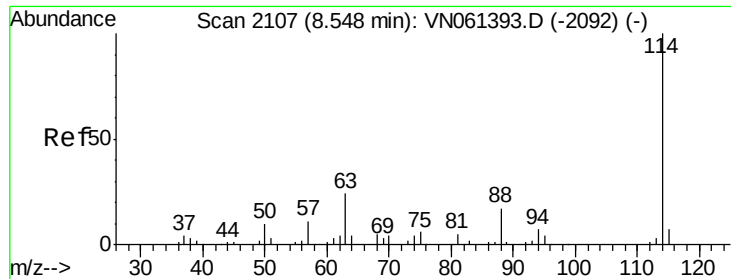
Ion 67.00 (66.70 to 67.70): VN061393.D (-1917) (-)

7.99

8.05



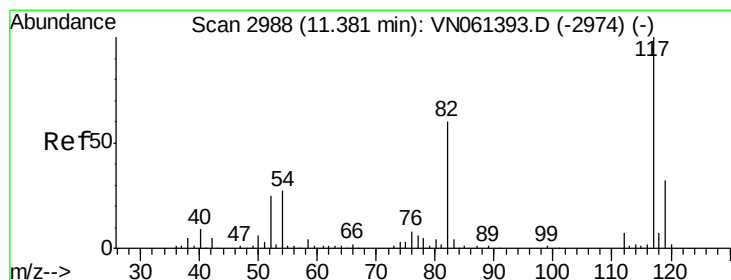
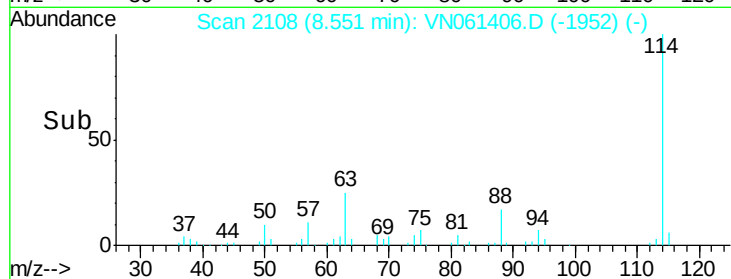
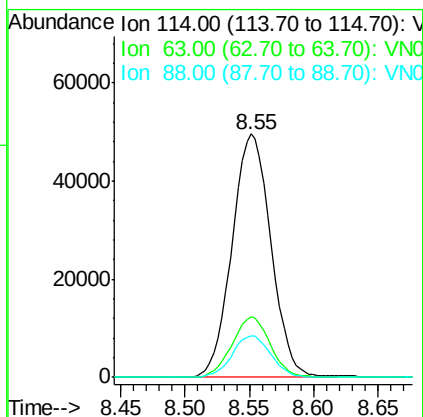
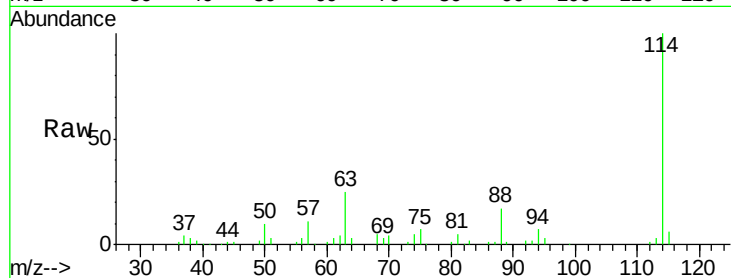
Time-->



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061406.D
 Acq: 14 May 2020 20:48

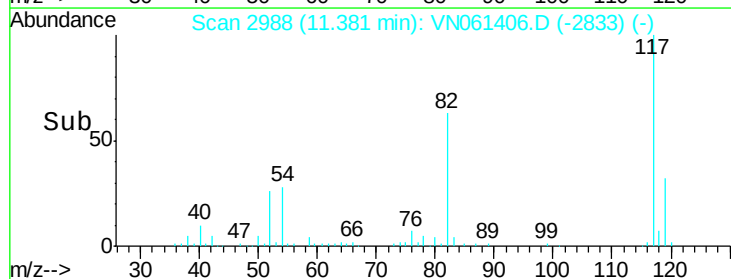
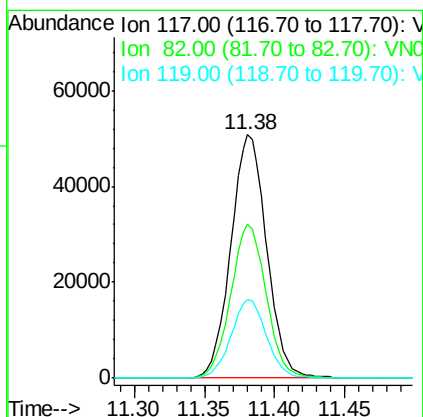
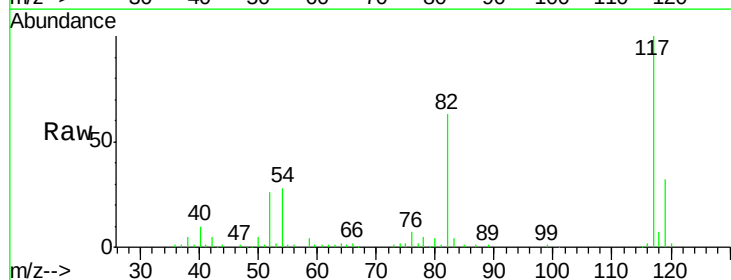
Instrument :
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 DSN-001-SEWER-OUTLET-001

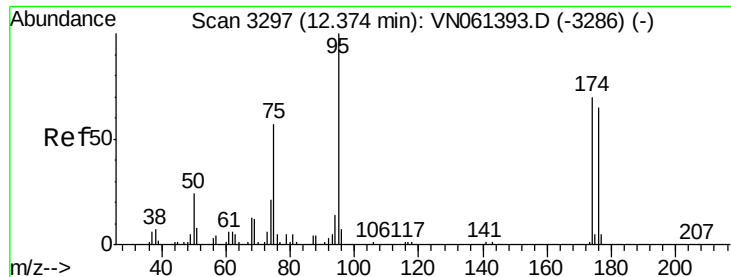
Tot Ion:114 Resp: 104192
 Ion Ratio Lower Upper
 114 100
 63 24.3 18.1 27.1
 88 16.9 13.0 19.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061406.D
 Acq: 14 May 2020 20:48

Tgt Ion:117 Resp: 90234
 Ion Ratio Lower Upper
 117 100
 82 62.6 46.9 70.3
 119 31.9 25.8 38.6

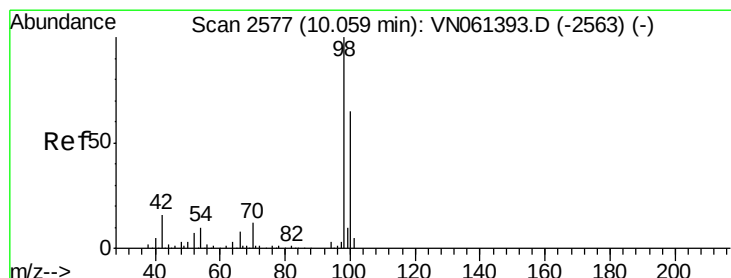
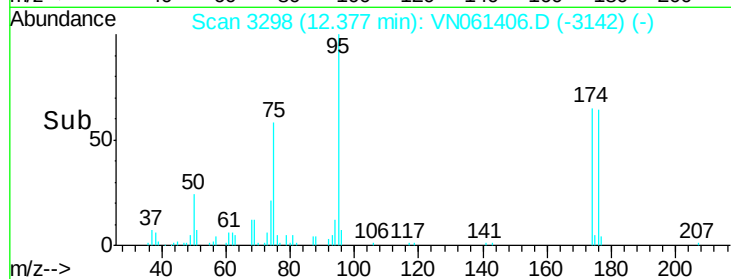
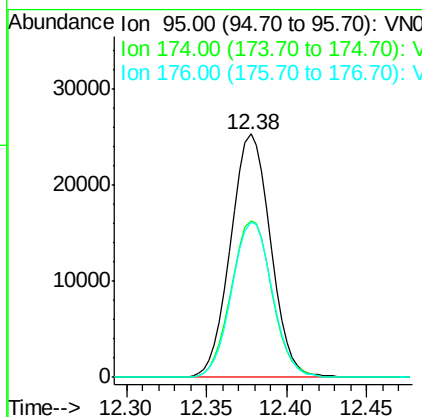
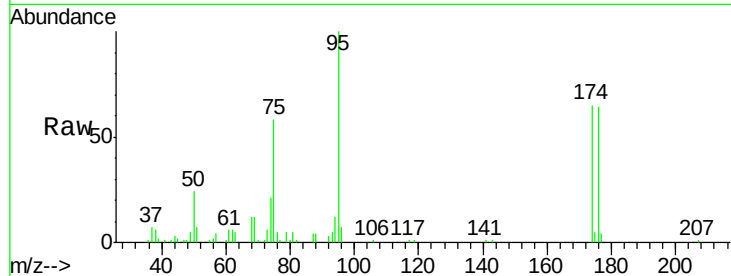




#60
4-Bromofluorobenzene
Concen: 28.024 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061406.D
Acq: 14 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tot Ion: 95 Resp: 43172
Ion Ratio Lower Upper
95 100
174 65.3 59.9 89.9
176 64.4 58.3 87.5



#63
Toluene-d8
Concen: 31.695 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061406.D
Acq: 14 May 2020 20:48

Tgt Ion: 98 Resp: 132421
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8

