

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061407.D
 Acq On : 14 May 2020 21:11
 Operator : JC/MD
 Sample : L2666-02 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Quant Time: May 15 07:45:17 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	17335	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	101138	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	89562	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	47730	30.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.50%
60) 4-Bromofluorobenzene	12.37	95	43738	28.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.33%
63) Toluene-d8	10.06	98	127823	30.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.73%

Target Compounds

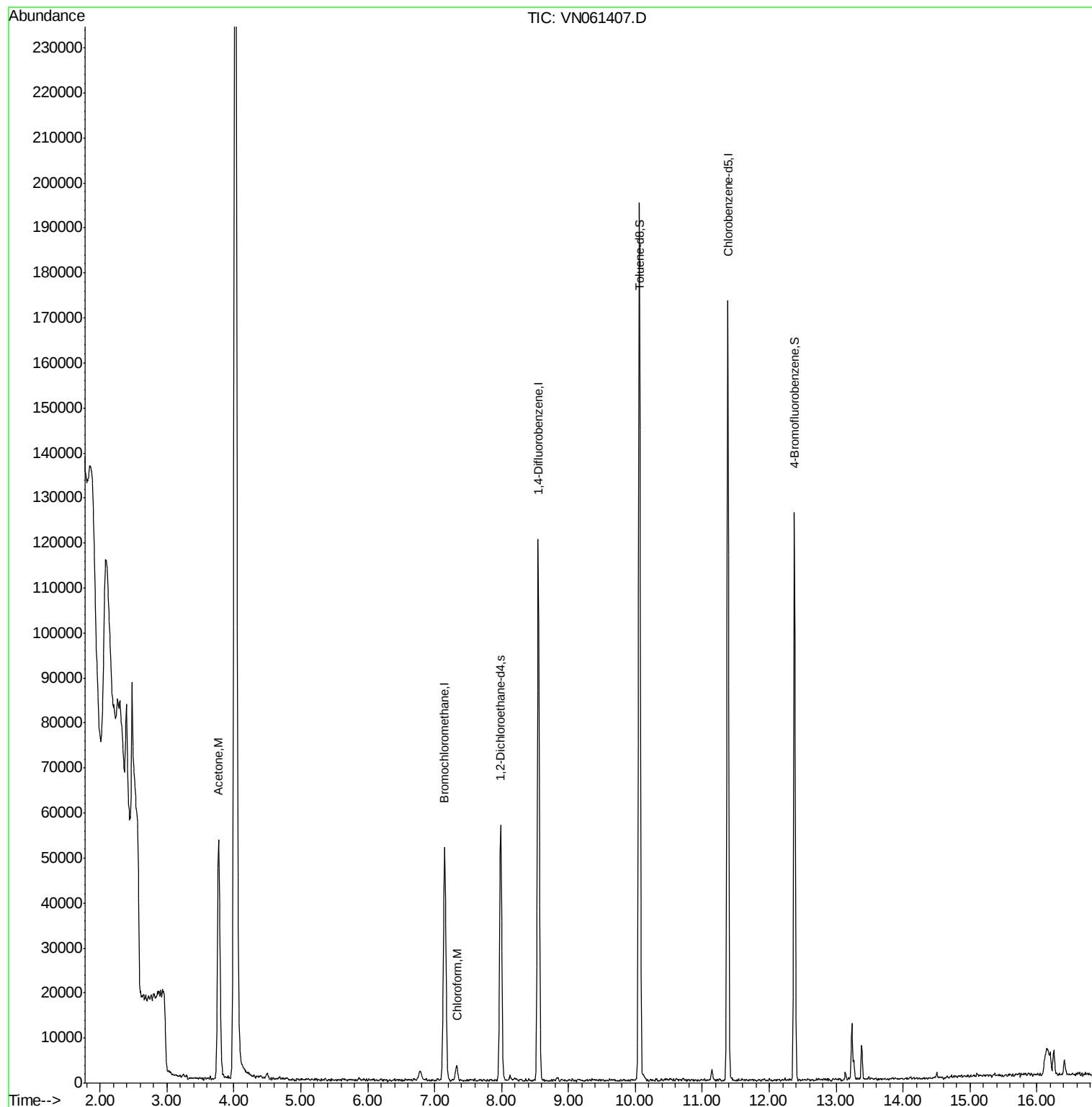
					Ovalue
15) Acetone	3.77	58	25991	203.902	ug/l 93
25) Chloroform	7.33	83	3562	1.613	ug/l 88

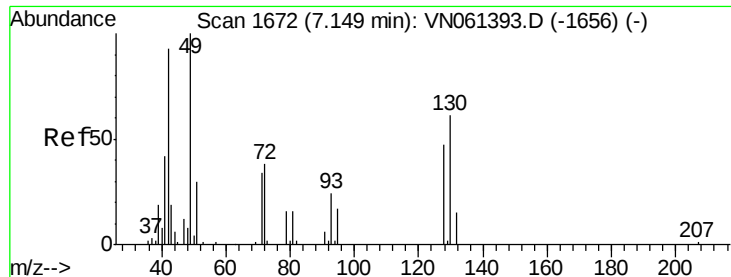
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061407.D

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ClientSampleId :

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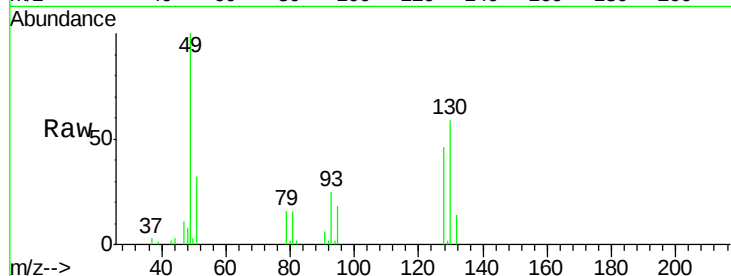
Tot Ion:128 Resp: 17335

Ion Ratio Lower Upper

128 100

49 218.3 0.0 453.5

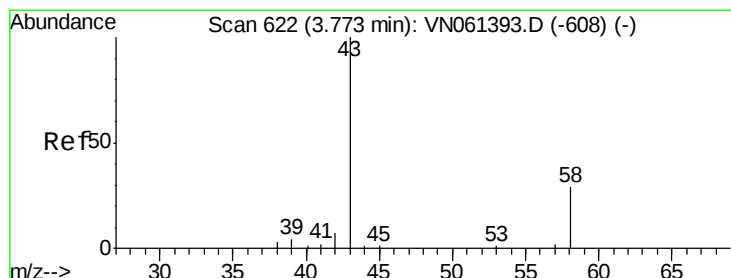
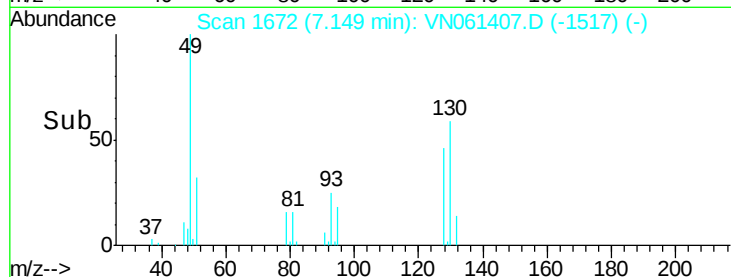
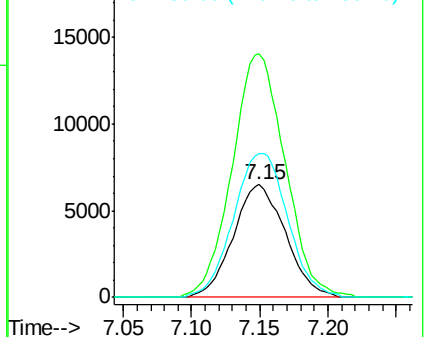
130 132.2 0.0 314.2



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: 203.902 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061407.D

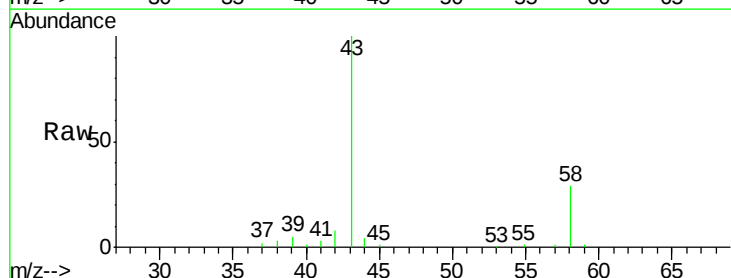
Acq: 14 May 2020 21:11

Tgt Ion: 58 Resp: 25991

Ion Ratio Lower Upper

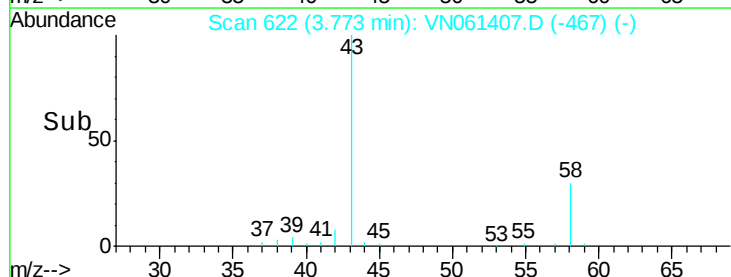
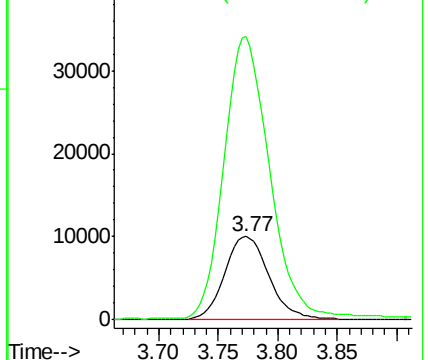
58 100

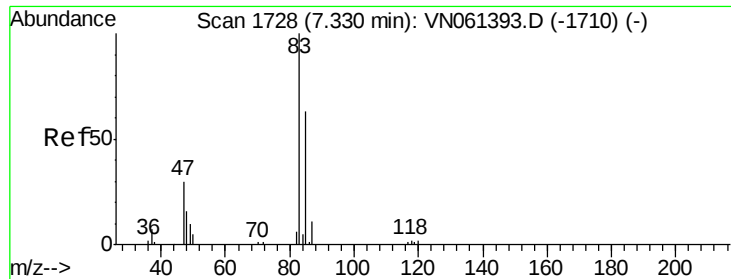
43 336.4 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 1.613 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061407.D

Acq: 14 May 2020 21:11

Instrument :

MSVOA_N

ClientSampleId :

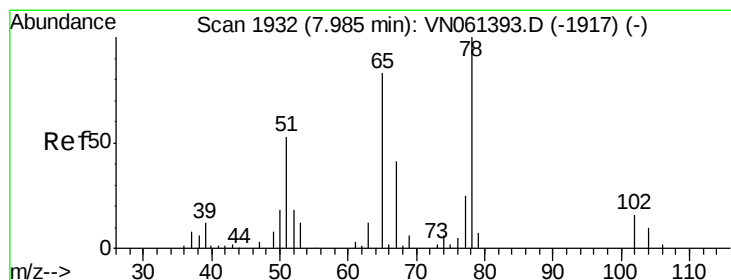
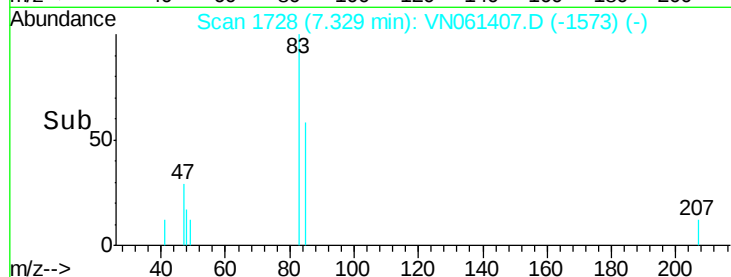
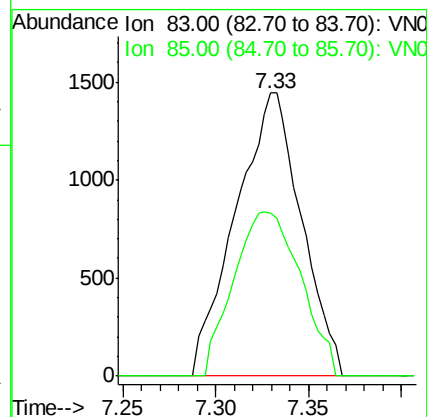
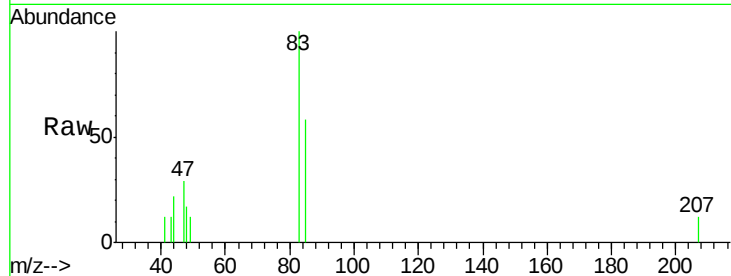
DSN-002-SEWER-OUTLET-002

Tot Ion: 83 Resp: 3562

Ion Ratio Lower Upper

83 100

85 57.6 53.8 80.8



#27

1,2-Dichloroethane-d4

Concen: 30.746 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061407.D

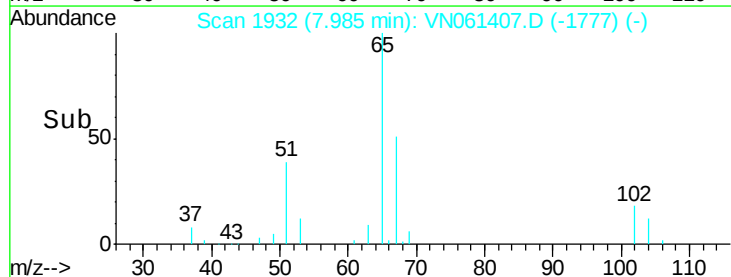
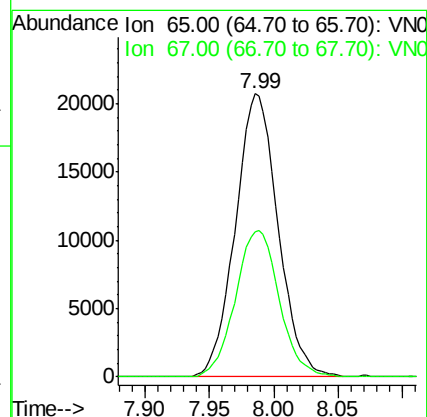
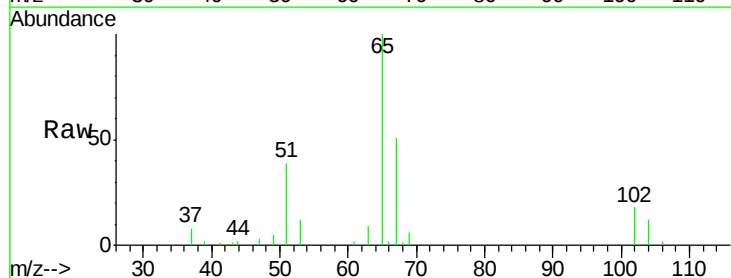
Acq: 14 May 2020 21:11

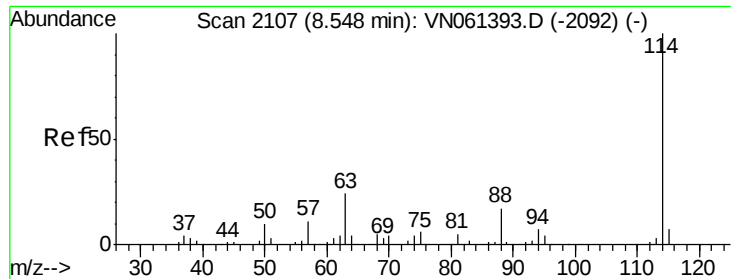
Tgt Ion: 65 Resp: 47730

Ion Ratio Lower Upper

65 100

67 52.9 41.5 62.3

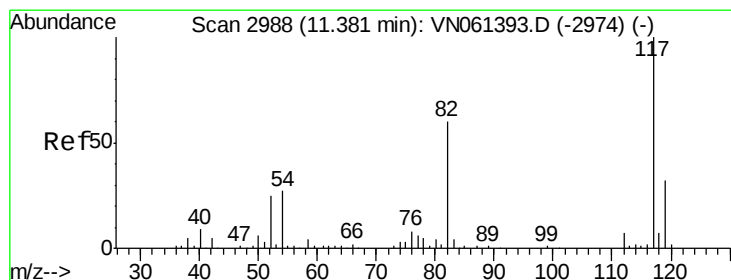
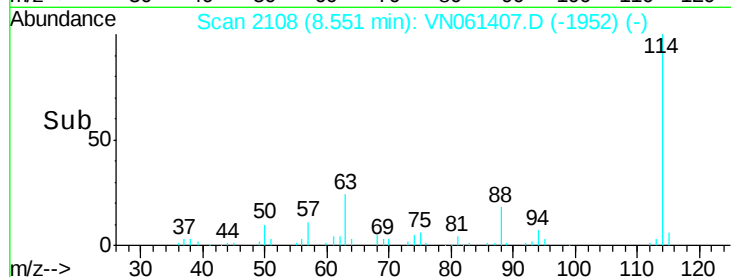
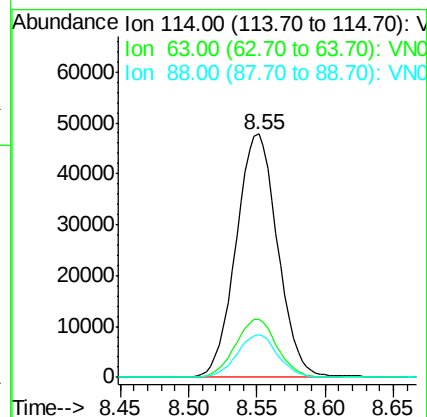
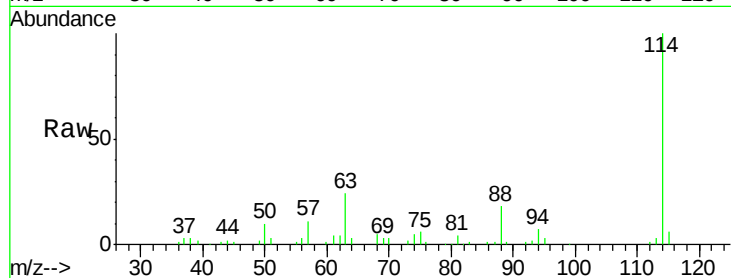




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061407.D
 Acq: 14 May 2020 21:11

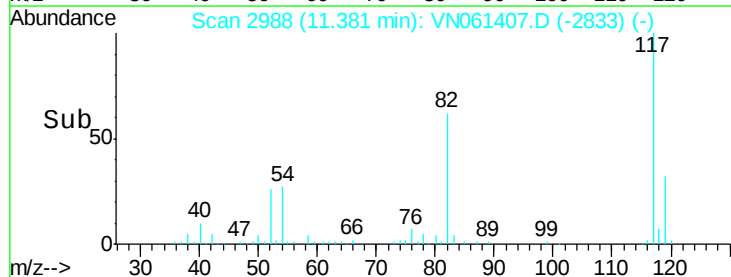
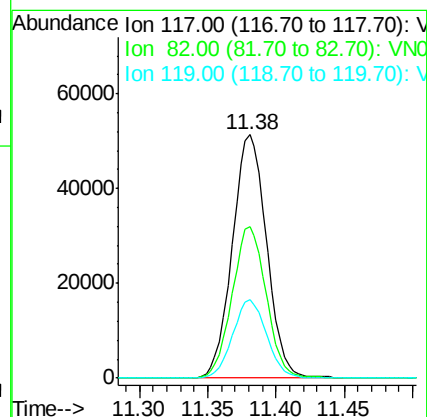
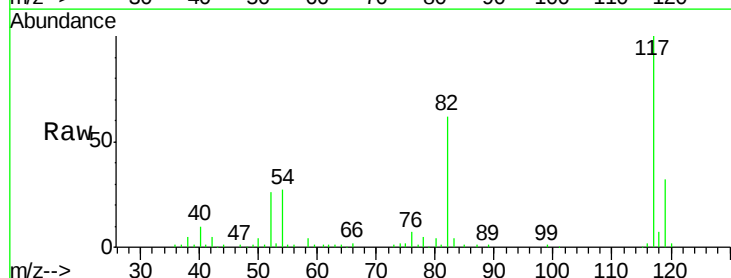
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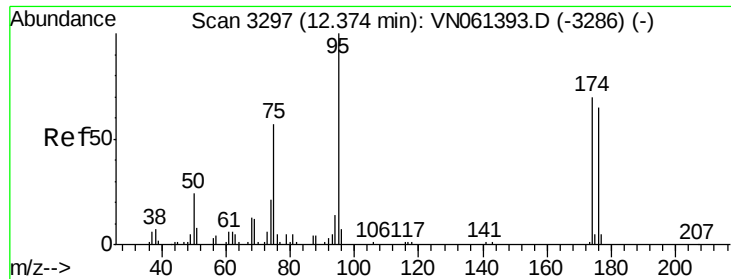
Tot Ion:114 Resp: 101138
 Ion Ratio Lower Upper
 114 100
 63 23.8 18.1 27.1
 88 17.1 13.0 19.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061407.D
 Acq: 14 May 2020 21:11

Tgt Ion:117 Resp: 89562
 Ion Ratio Lower Upper
 117 100
 82 62.0 46.9 70.3
 119 31.7 25.8 38.6

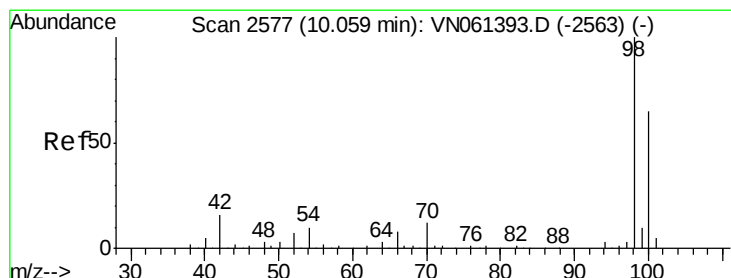
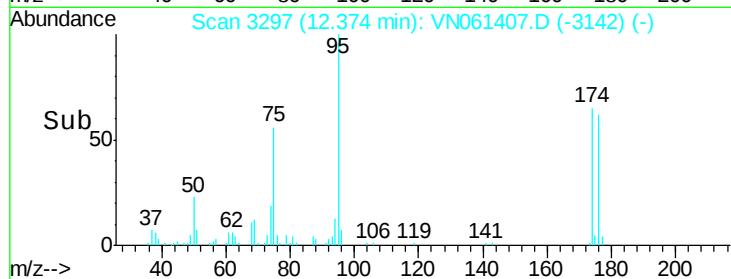
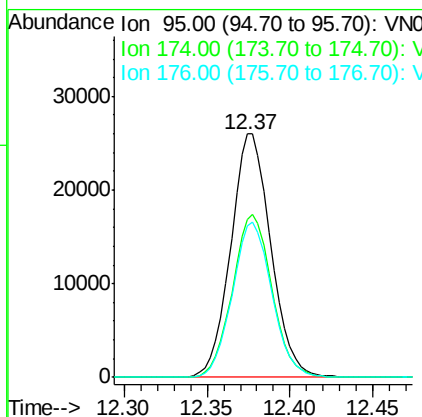
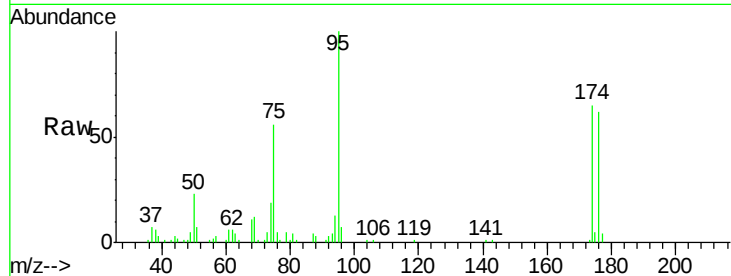




#60
4-Bromofluorobenzene
Concen: 28.605 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061407.D
Acq: 14 May 2020 21:11

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

Tot Ion: 95 Resp: 43738
Ion Ratio Lower Upper
95 100
174 65.6 59.9 89.9
176 62.7 58.3 87.5



#63
Toluene-d8
Concen: 30.824 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061407.D
Acq: 14 May 2020 21:11

Tgt Ion: 98 Resp: 127823
Ion Ratio Lower Upper
98 100
100 65.2 50.6 75.8

