

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013161.D
 Acq On : 21 Oct 2019 18:50
 Operator : JC/SP
 Sample : K5460-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02(DSN-001)

Quant Time: Oct 22 02:00:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	25636	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	147999	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	133256	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	62031	30.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.47%
60) 4-Bromofluorobenzene	11.14	95	68267	29.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.07%
63) Toluene-d8	8.71	98	181218	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

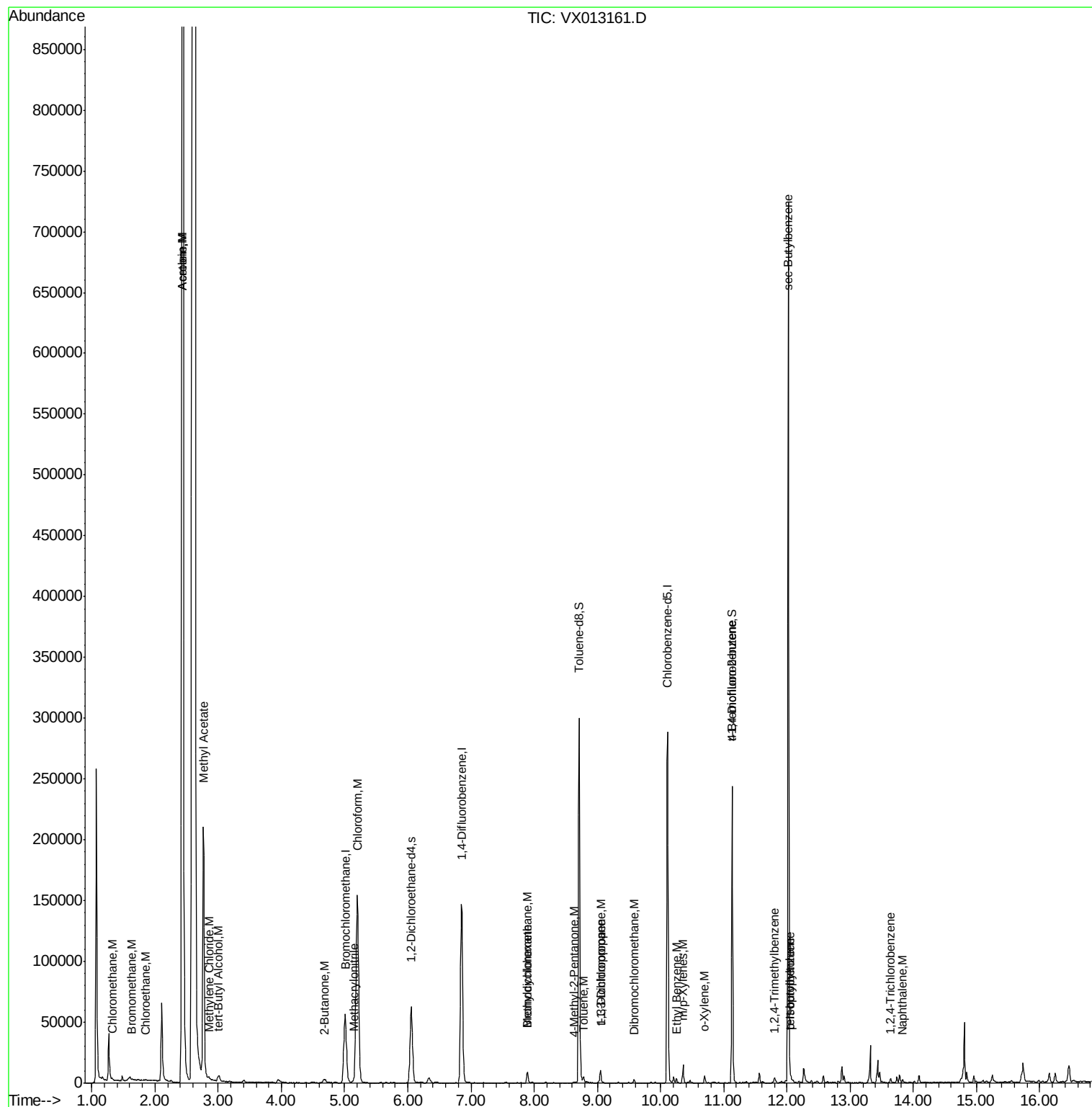
					Ovalue
3) Chloromethane	1.32	50	708	0.441 ug/l #	83
5) Bromomethane	1.64	94	258	0.288 ug/l #	62
6) Chloroethane	1.84	64	336	0.317 ug/l	95
12) Methyl Acetate	2.76	43	227778	112.158 ug/l	98
13) Acrolein	2.44	56	561	1.856 ug/l #	1
15) Acetone	2.44	58	625696	2236.081 ug/l	95
18) Methylene Chloride	2.86	84	604	0.332 ug/l #	66
23) tert-Butyl Alcohol	3.01	59	3383	7.560 ug/l #	100
25) Chloroform	5.20	83	187386	60.700 ug/l	98
30) 2-Butanone	4.67	43	1608	1.333 ug/l #	75
35) Methacrylonitrile	5.14	41	441	0.357 ug/l #	41
38) Methylcyclohexane	7.89	83	5982	2.133 ug/l #	18
41) Bromodichloromethane	7.89	83	6001	2.565 ug/l	99
48) t-1,3-Dichloropropene	9.05	75	595	0.232 ug/l	94
52) 1,3-Dichloropropane	9.05	76	1493	0.517 ug/l #	42
53) Dibromochloromethane	9.57	129	1353	0.732 ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	836	0.372 ug/l #	41
62) Toluene	8.78	91	2723	0.379 ug/l	98
66) Ethyl Benzene	10.25	91	2551	0.308 ug/l	96
67) m/p-Xylenes	10.35	106	3511	1.116 ug/l	94
68) o-Xylene	10.70	106	1117	0.372 ug/l	96
77) t-1,4-Dichloro-2-butene	11.14	75	33370	39.179 ug/l #	9
79) tert-butylbenzene	12.06	119	1907	0.286 ug/l	50
80) 1,2,4-Trimethylbenzene	11.81	105	1412	0.204 ug/l	51
81) sec-Butylbenzene	12.03	105	10571	1.332 ug/l	99
82) p-Isopropyltoluene	12.06	119	1907	0.263 ug/l	85
89) 1,2,4-Trichlorobenzene	13.64	180	629	0.289 ug/l #	92
91) Naphthalene	13.84	128	1745	0.246 ug/l #	94

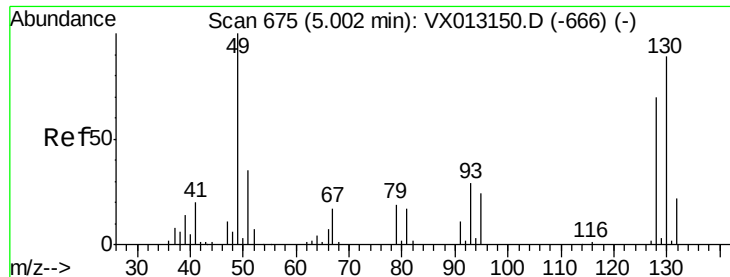
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02(DSN-001)

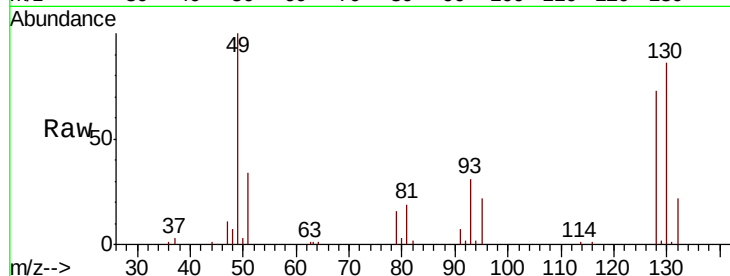
Tot Ion:128 Resp: 25636

Ion Ratio Lower Upper

128 100

49 143.9 0.0 367.3

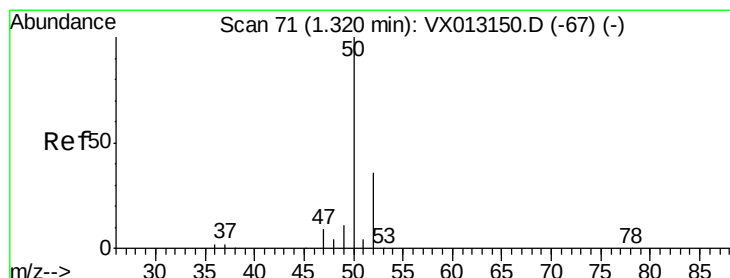
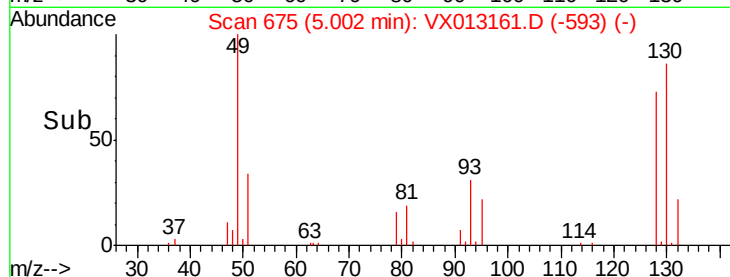
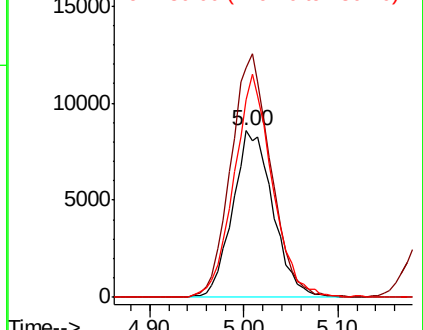
130 126.8 0.0 325.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 0.441 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013161.D

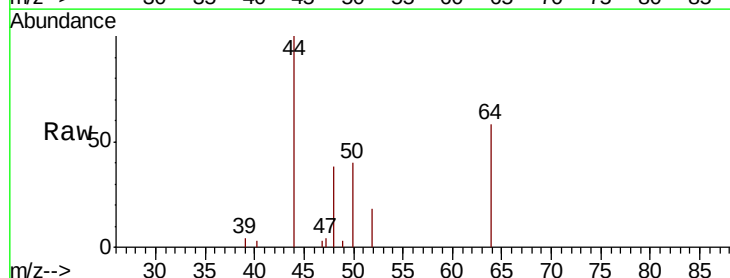
Acq: 21 Oct 2019 18:50

Tgt Ion: 50 Resp: 708

Ion Ratio Lower Upper

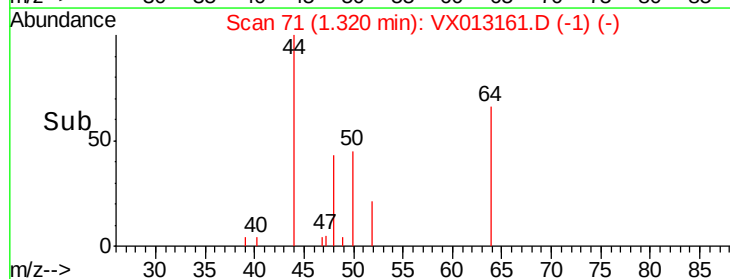
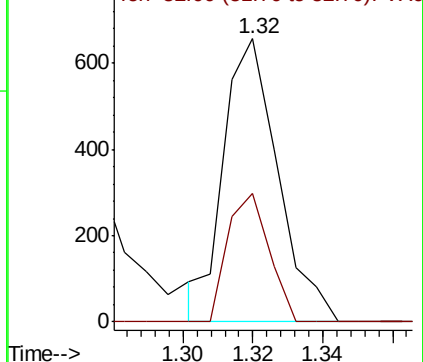
50 100

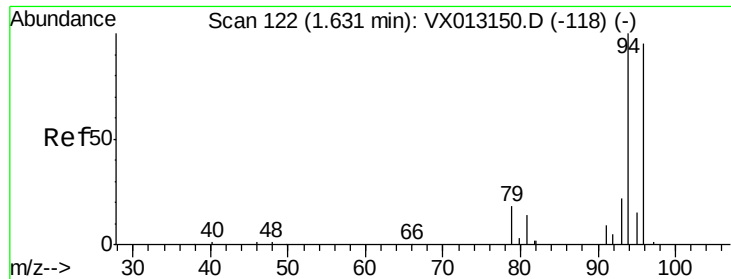
52 45.5 28.6 42.8#



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Bromomethane

Concen: 0.288 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

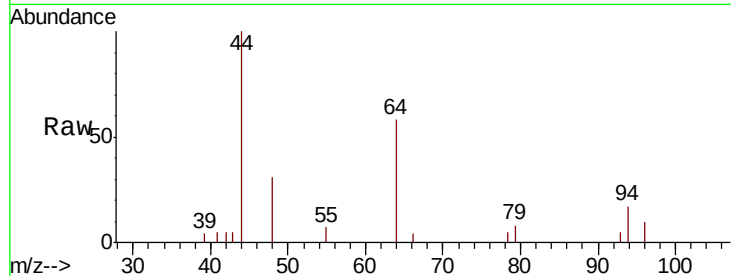
SEWER-OUTLET-02(DSN-001)

Tot Ion: 94 Resp: 258

Ion Ratio Lower Upper

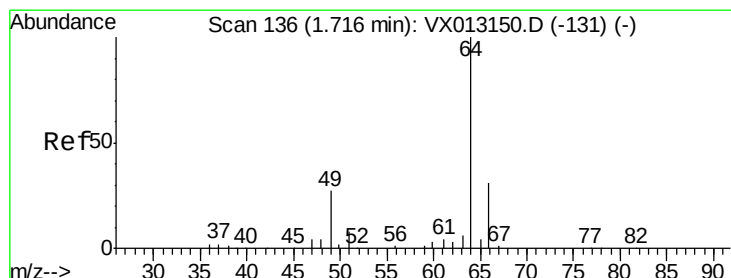
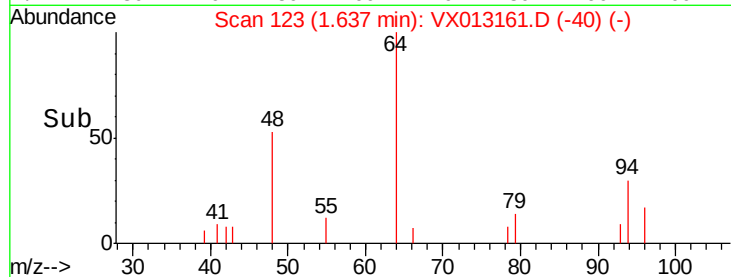
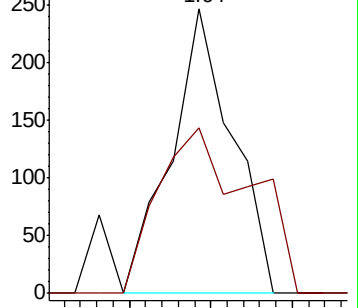
94 100

96 57.9 75.9 113.9#



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 0.317 ug/l

RT: 1.84 min Scan# 157

Delta R.T. 0.13 min

Lab File: VX013161.D

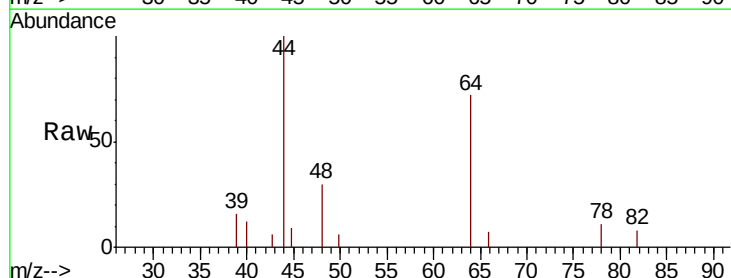
Acq: 21 Oct 2019 18:50

Tgt Ion: 64 Resp: 336

Ion Ratio Lower Upper

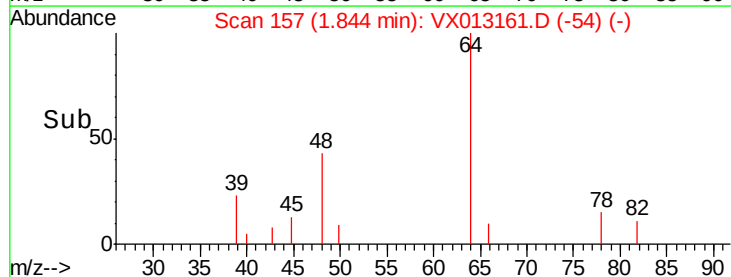
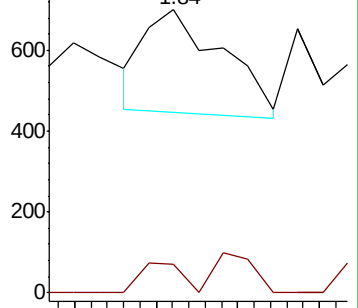
64 100

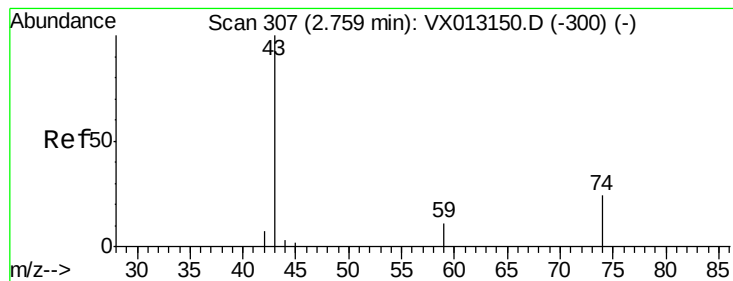
66 28.9 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#12

Methvl Acetate

Concen: 112.158 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

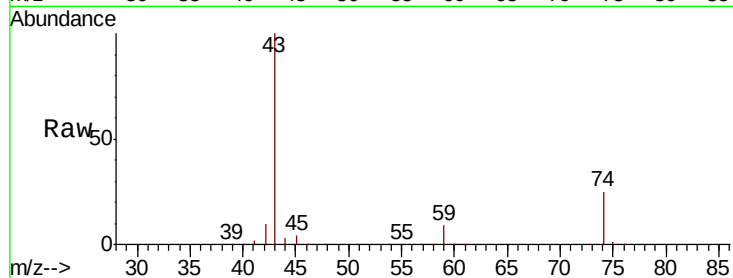
SEWER-OUTLET-02(DSN-001)

Tot Ion: 43 Resp: 227778

Ion Ratio Lower Upper

43 100

74 25.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

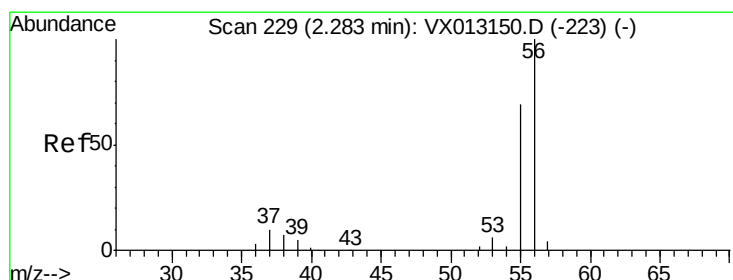
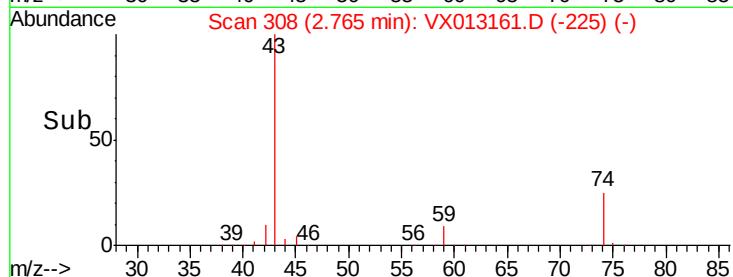
100000

50000

0

Time-->

2.70 2.75 2.80 2.85



#13

Acrolein

Concen: 1.856 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.15 min

Lab File: VX013161.D

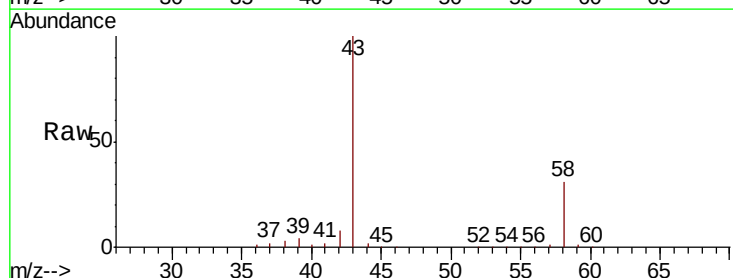
Acq: 21 Oct 2019 18:50

Tgt Ion: 56 Resp: 561

Ion Ratio Lower Upper

56 100

55 1143.3 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

4000

3000

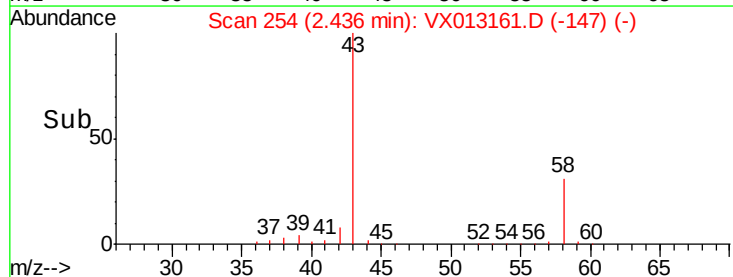
2000

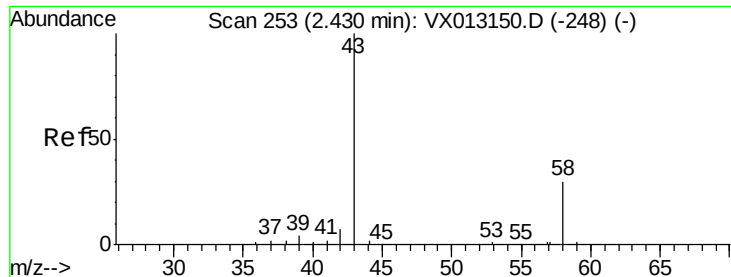
1000

0

Time-->

2.40 2.42 2.44 2.46





#15

Acetone

Concen: 2236.081 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

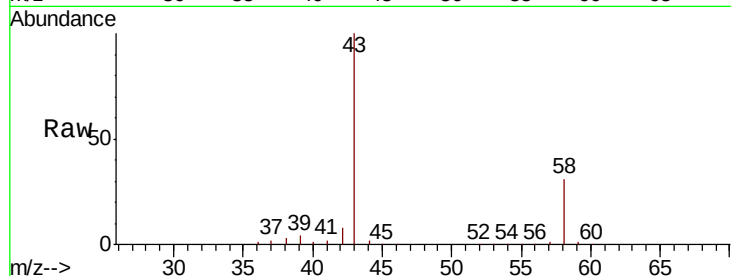
SEWER-OUTLET-02(DSN-001)

Tot Ion: 58 Resp: 625696

Ion Ratio Lower Upper

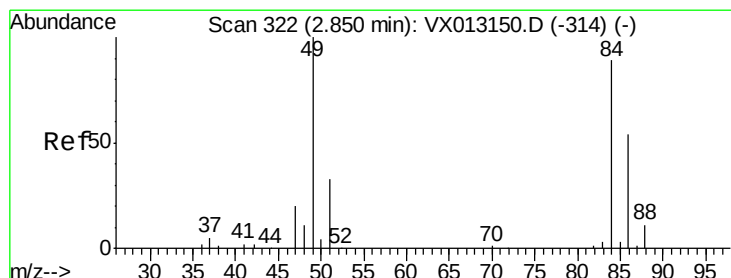
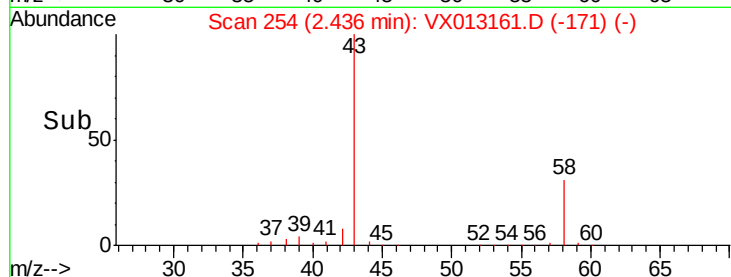
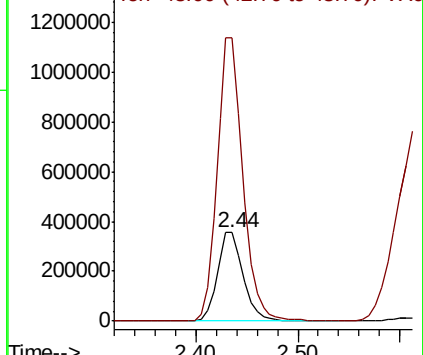
58 100

43 318.9 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#18

Methylene Chloride

Concen: 0.332 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Tgt Ion: 84 Resp: 604

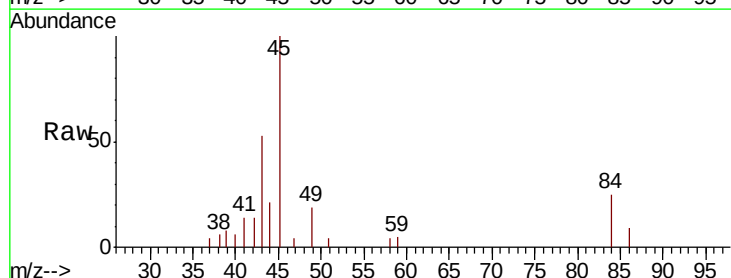
Ion Ratio Lower Upper

84 100

49 77.0 90.3 135.5#

51 17.0 29.9 44.9#

86 35.0 49.0 73.4#

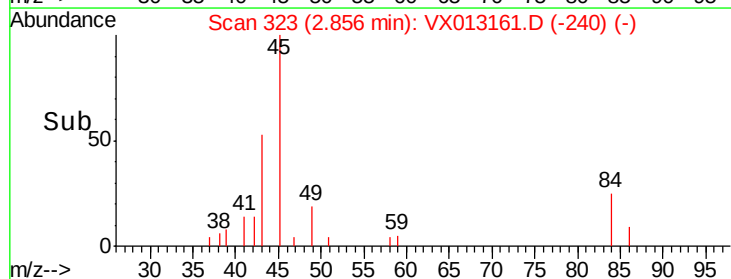
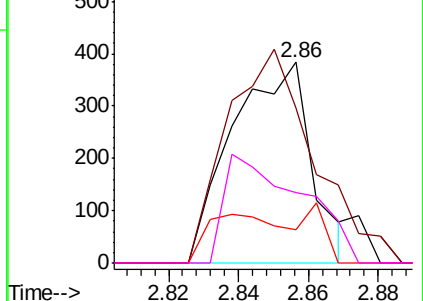


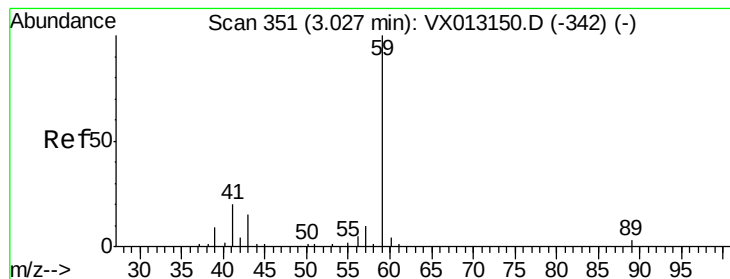
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



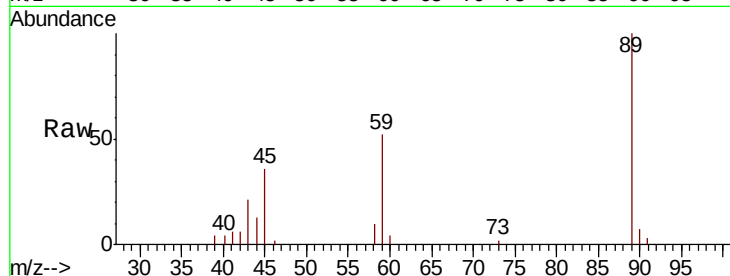


#23

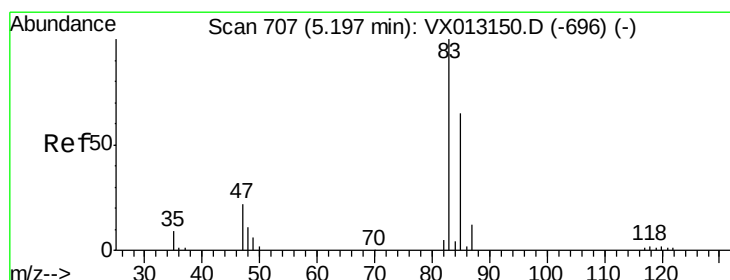
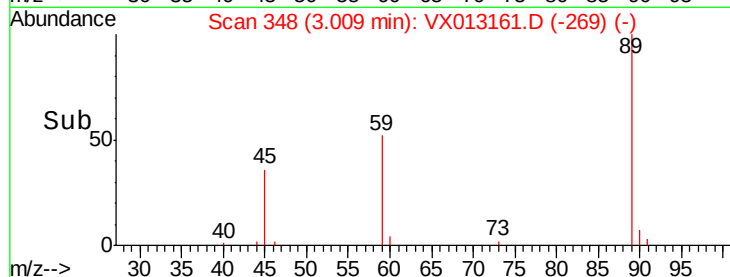
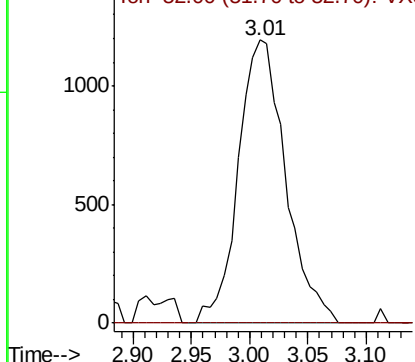
tert-Butyl Alcohol
 Concen: 7.560 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02(DSN-001)

Tot Ion: 59 Resp: 3383
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



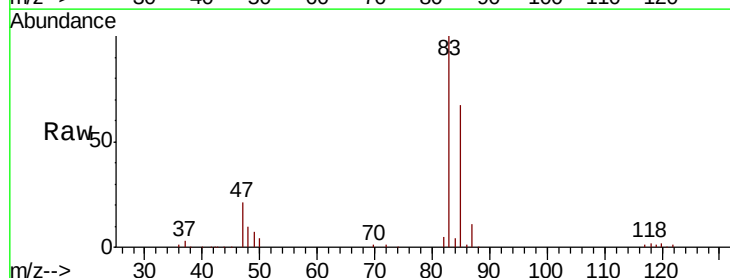
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



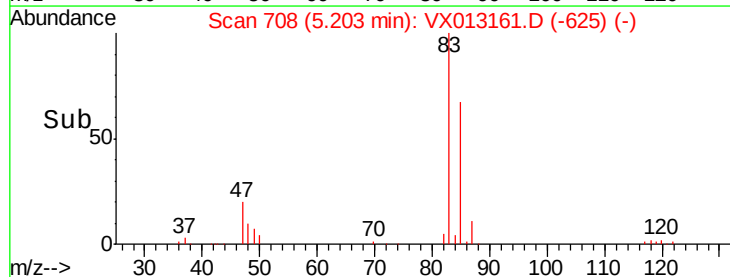
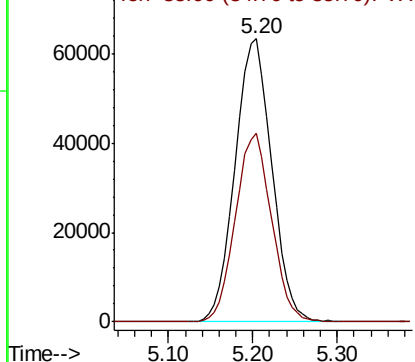
#25

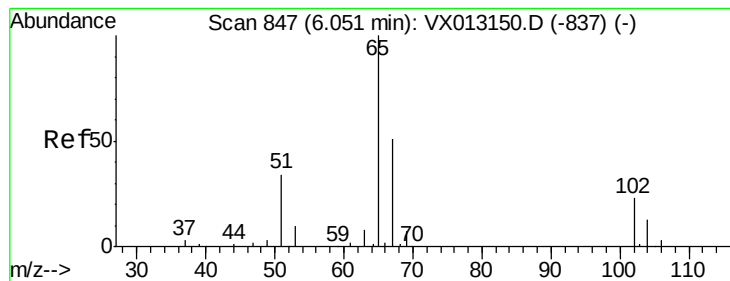
Chloroform
 Concen: 60.700 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Tgt Ion: 83 Resp: 187386
 Ion Ratio Lower Upper
 83 100
 85 66.7 52.0 78.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 85.00 (84.70 to 85.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.737 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

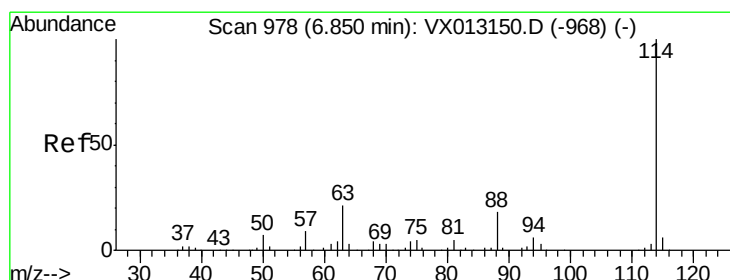
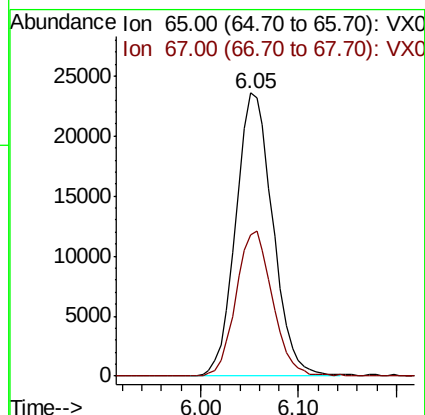
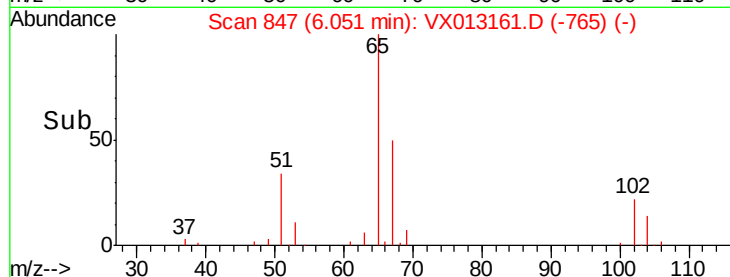
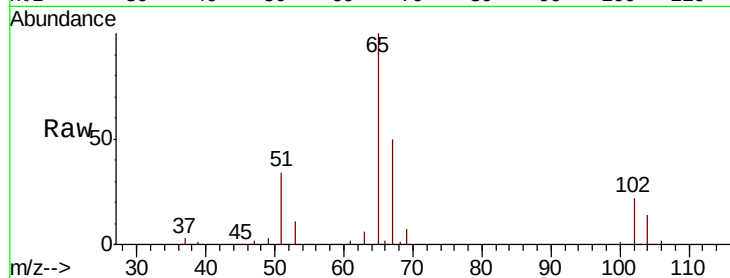
SEWER-OUTLET-02(DSN-001)

Tot Ion: 65 Resp: 62031

Ion Ratio Lower Upper

65 100

67 50.4 42.2 63.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

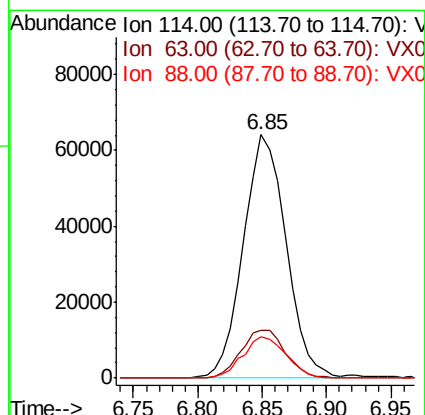
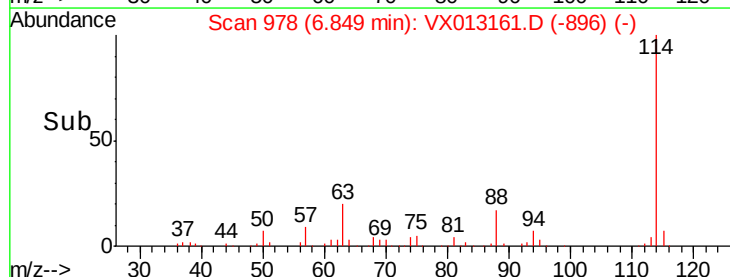
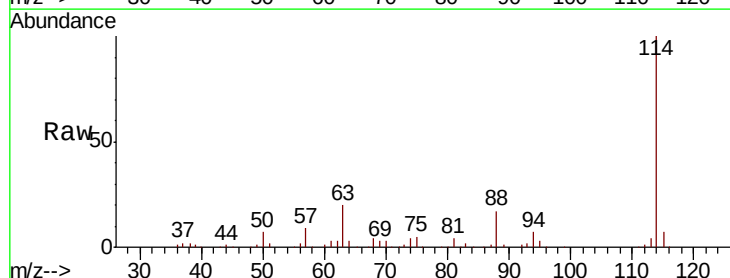
Tgt Ion: 114 Resp: 147999

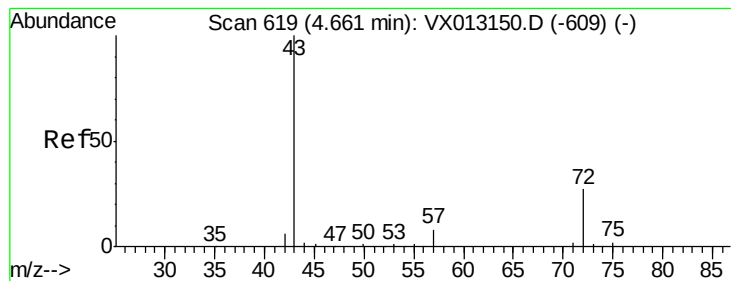
Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

88 17.3 13.7 20.5





#30

2-Butanone

Concen: 1.333 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02(DSN-001)

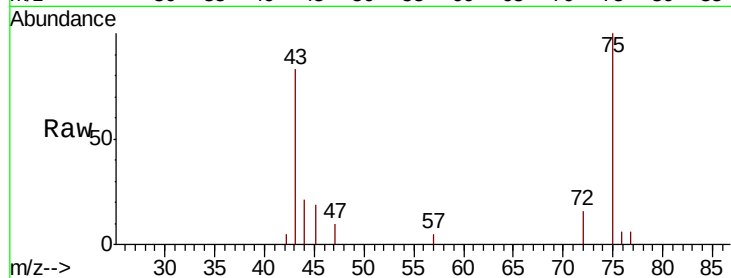
Tot Ion: 43 Resp: 1608

Ion Ratio Lower Upper

43 100

57 1.2 7.0 10.6#

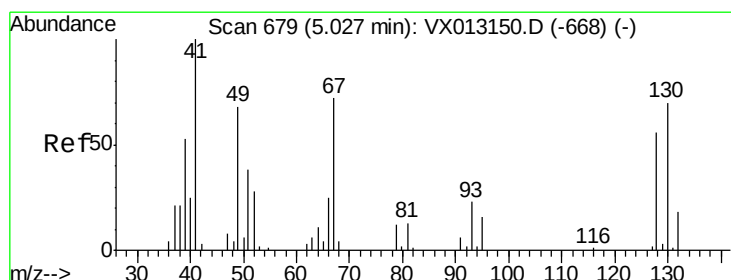
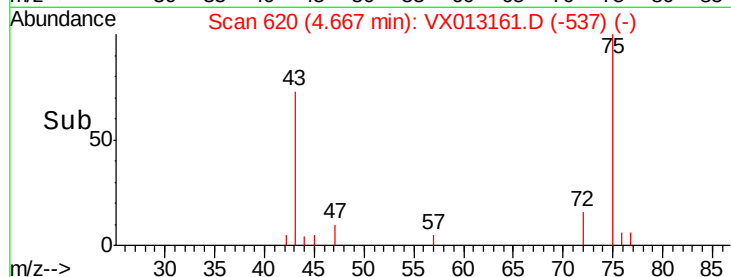
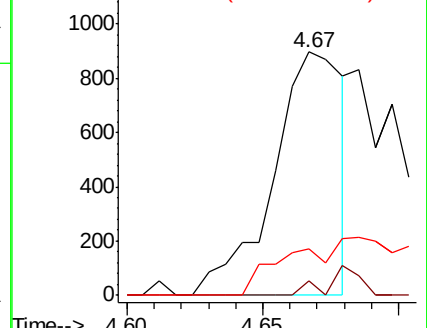
72 15.3 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#35

Methacrylonitrile

Concen: 0.357 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.12 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Tgt Ion: 41 Resp: 441

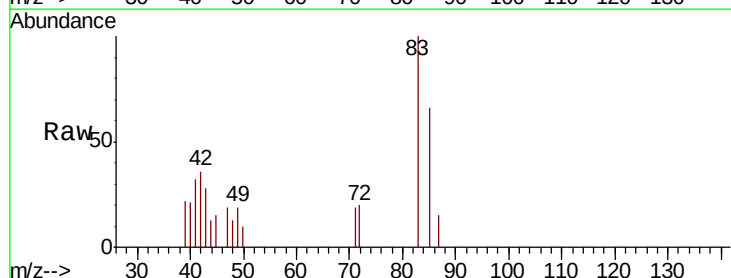
Ion Ratio Lower Upper

41 100

39 71.0 26.3 78.9

67 0.0 35.8 107.4#

52 0.0 14.1 42.3#

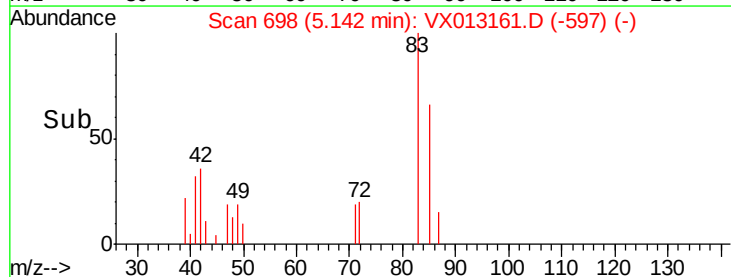
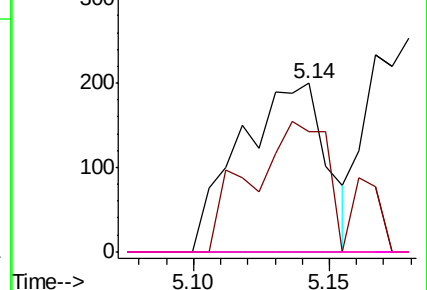


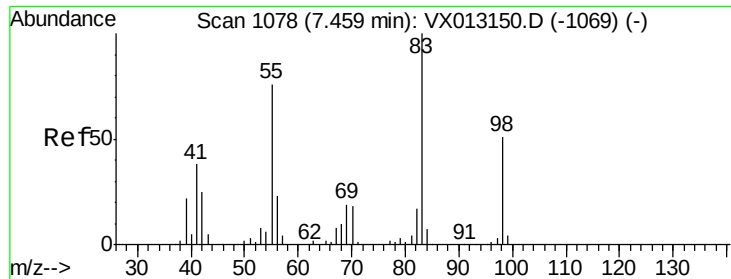
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

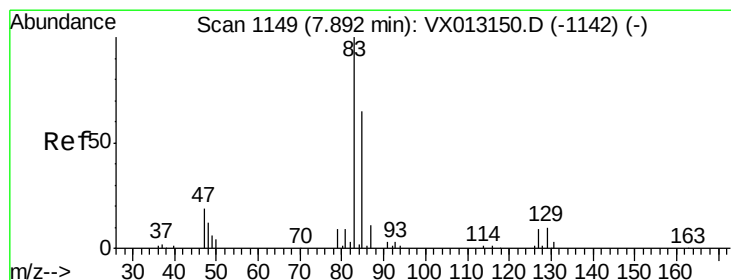
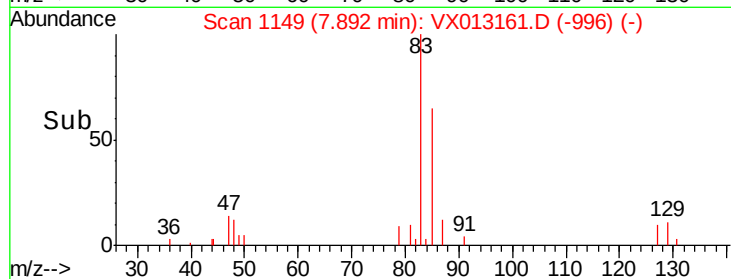
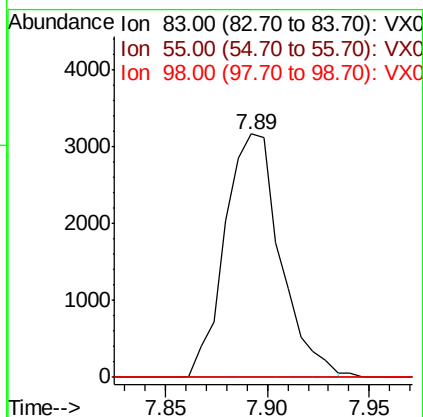
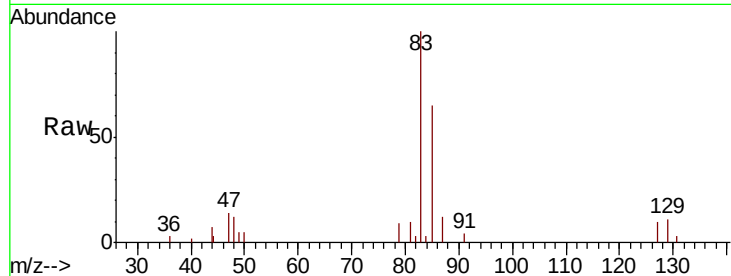




#38
Methylcyclohexane
Concen: 2.133 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.43 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

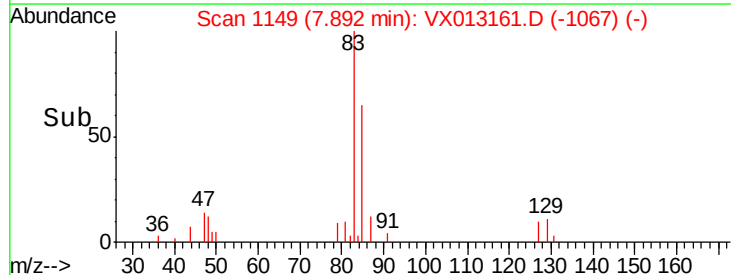
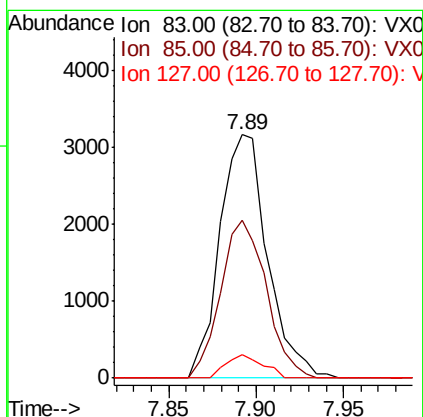
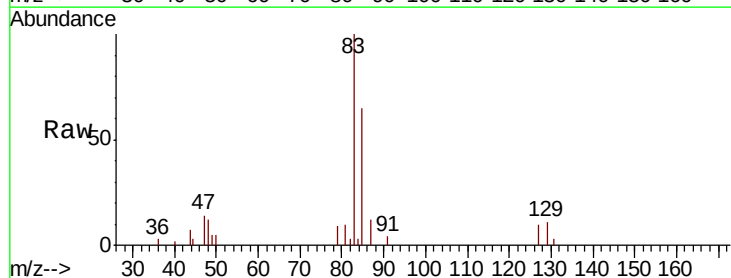
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

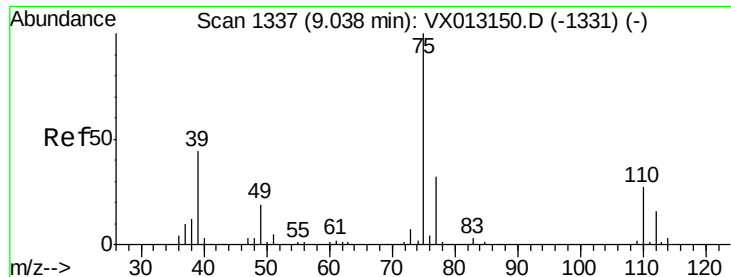
Tot Ion: 83 Resp: 5982
Ion Ratio Lower Upper
83 100
55 0.0 37.5 112.5#
98 0.0 25.4 76.0#



#41
Bromodichloromethane
Concen: 2.565 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion: 83 Resp: 6001
Ion Ratio Lower Upper
83 100
85 64.7 52.1 78.1
127 9.7 7.5 11.3





#48

t-1,3-Dichloropropene

Concen: 0.232 ug/l

RT: 9.05 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

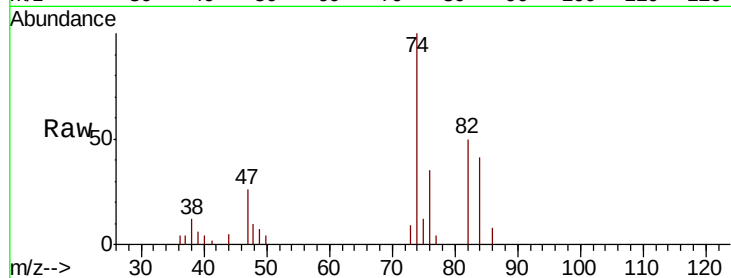
SEWER-OUTLET-02(DSN-001)

Tot Ion: 75 Resp: 595

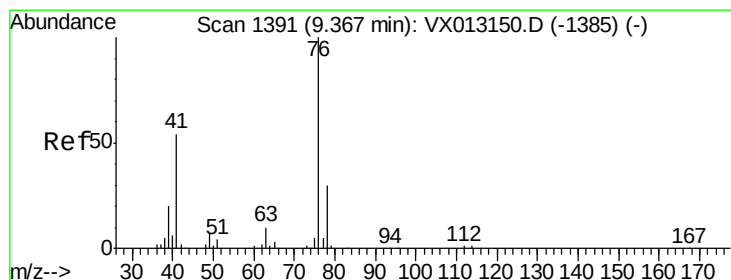
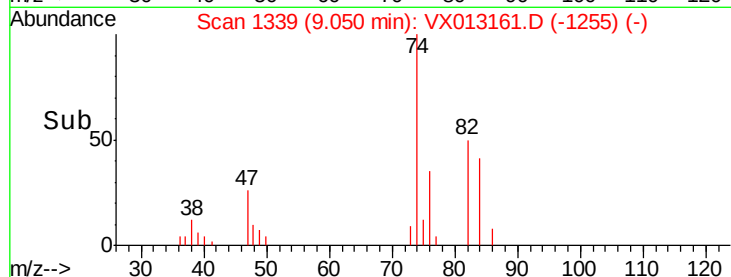
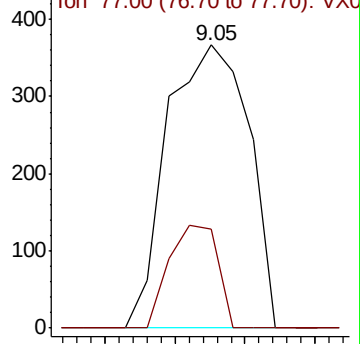
Ion Ratio Lower Upper

75 100

77 35.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0



#52

1,3-Dichloropropane

Concen: 0.517 ug/l

RT: 9.05 min Scan# 1339

Delta R.T. -0.32 min

Lab File: VX013161.D

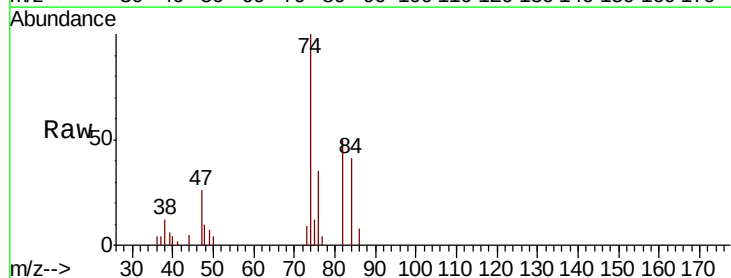
Acq: 21 Oct 2019 18:50

Tgt Ion: 76 Resp: 1493

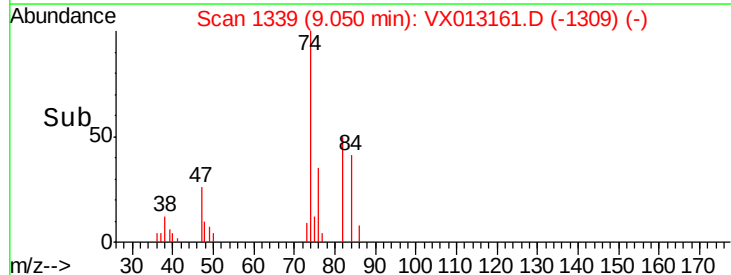
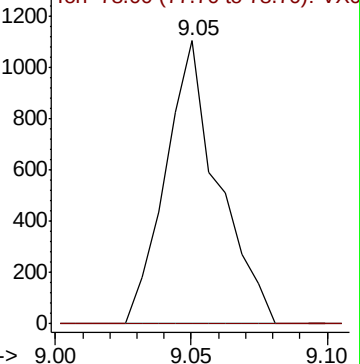
Ion Ratio Lower Upper

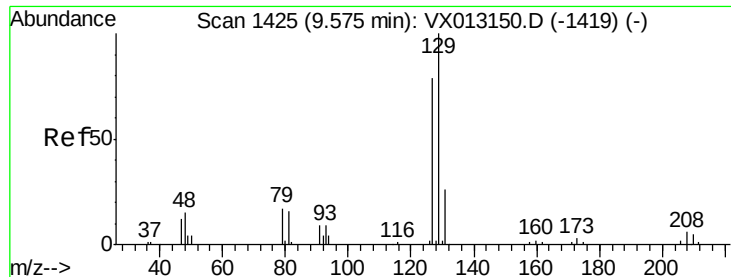
76 100

78 0.0 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

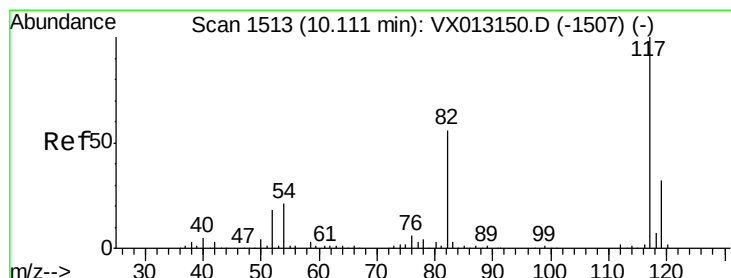
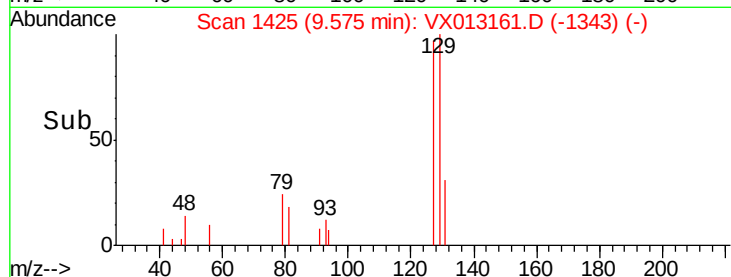
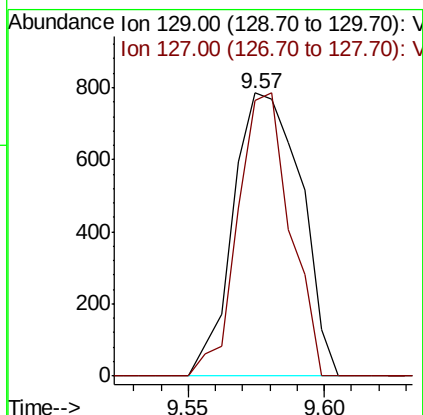
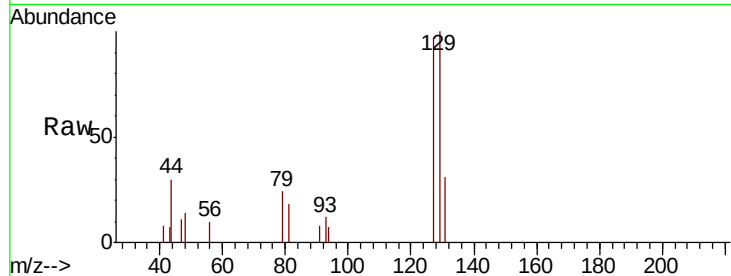




#53
Dibromochloromethane
Concen: 0.732 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

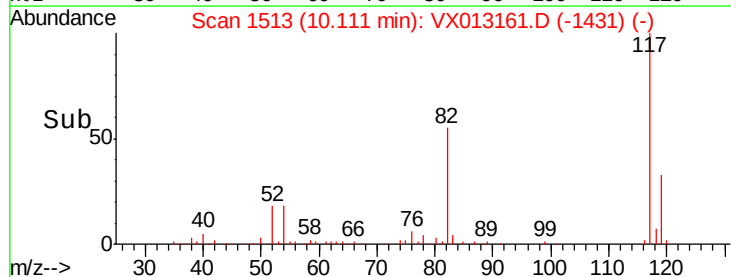
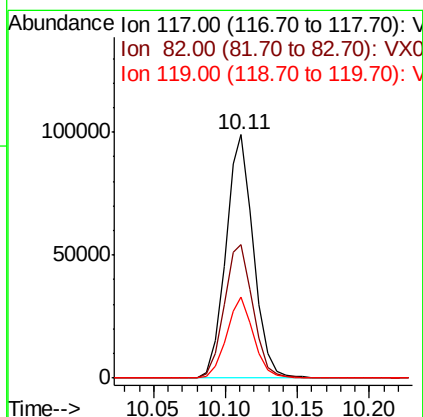
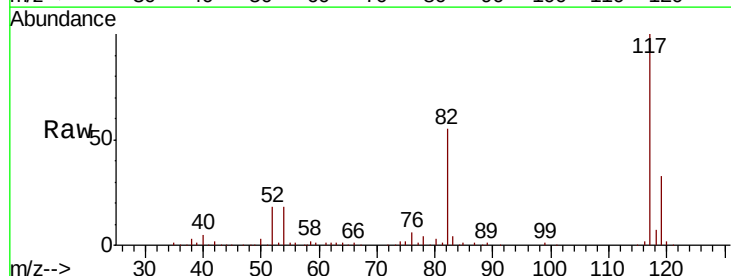
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

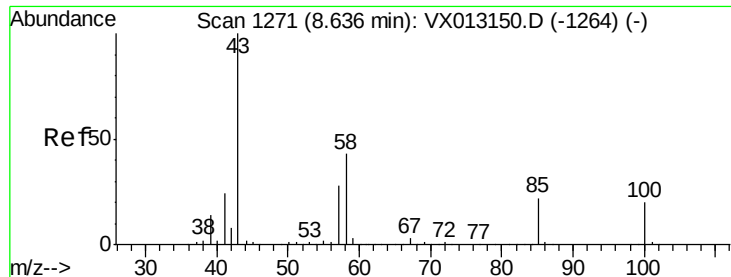
Tot Ion:129 Resp: 1353
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion:117 Resp: 133256
Ion Ratio Lower Upper
117 100
82 57.2 46.0 69.0
119 32.4 25.4 38.0

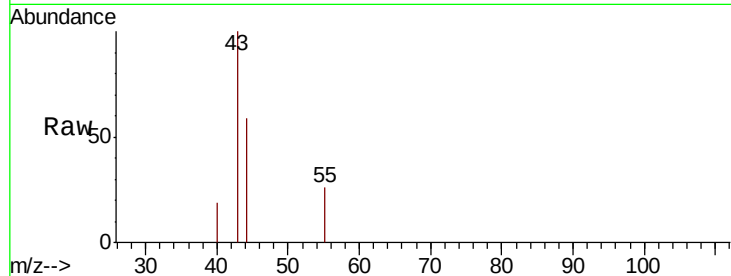




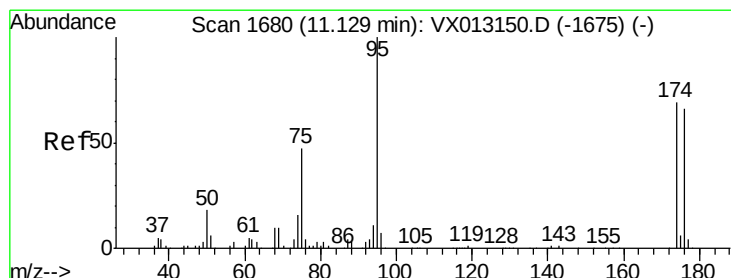
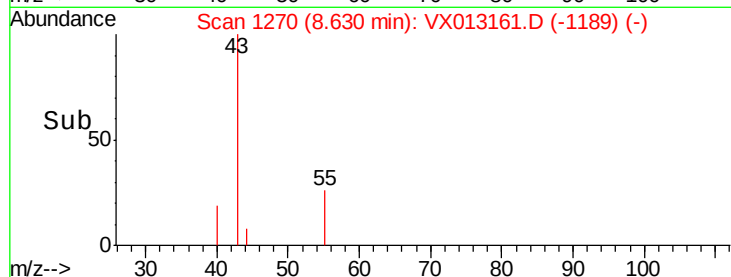
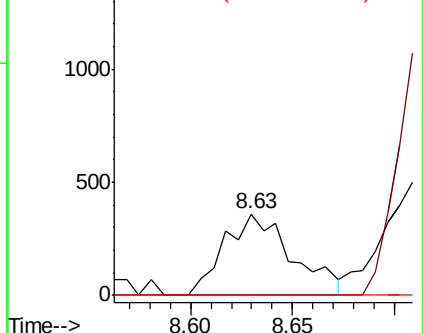
#58
 4-Methyl-2-Pentanone
 Concen: 0.372 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02(DSN-001)

Tot Ion: 43 Resp: 836
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.8 50.8#
 85 0.0 16.8 25.2#

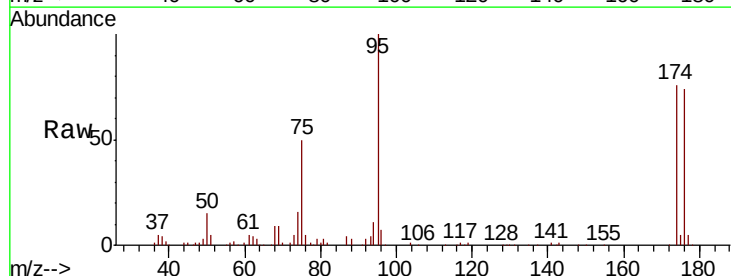


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0
 Ion 85.00 (84.70 to 85.70): VX0

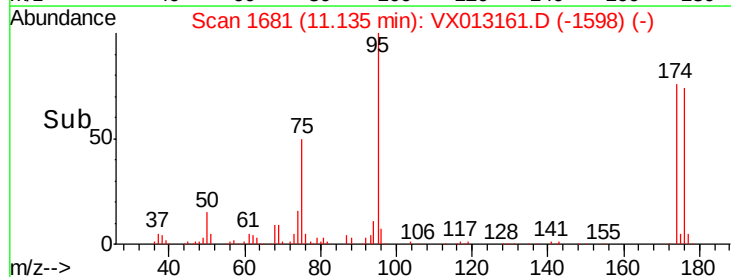
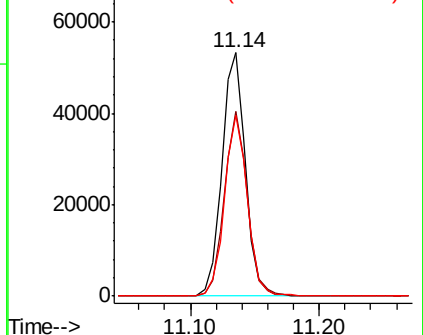


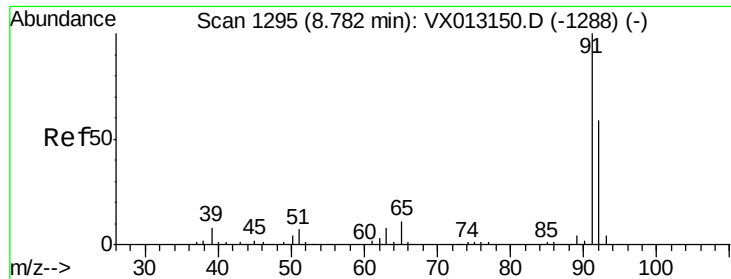
#60
 4-Bromofluorobenzene
 Concen: 29.420 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Tgt Ion: 95 Resp: 68267
 Ion Ratio Lower Upper
 95 100
 174 74.3 60.0 90.0
 176 72.0 58.5 87.7



Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V





#62

Toluene

Concen: 0.379 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

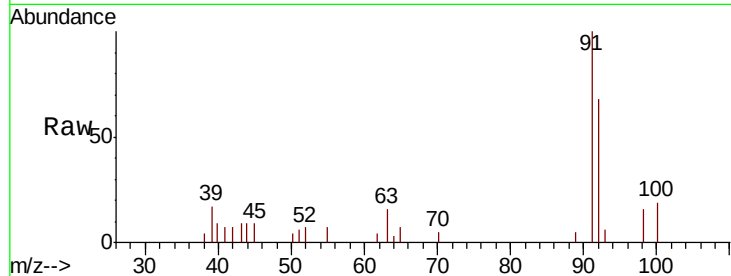
SEWER-OUTLET-02(DSN-001)

Tot Ion: 91 Resp: 2723

Ion Ratio Lower Upper

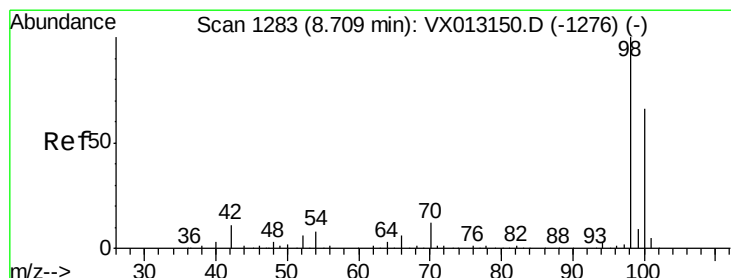
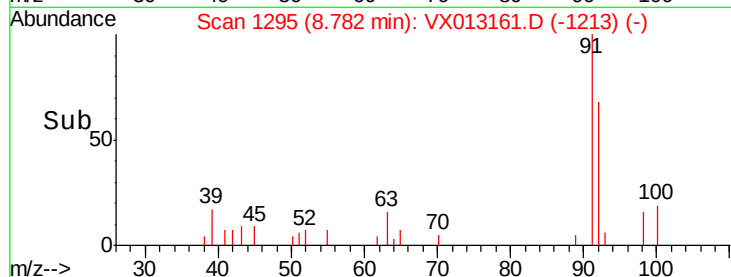
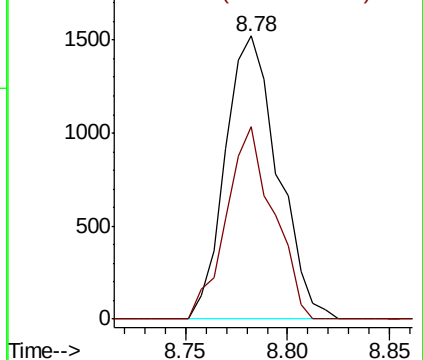
91 100

92 60.9 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 30.576 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013161.D

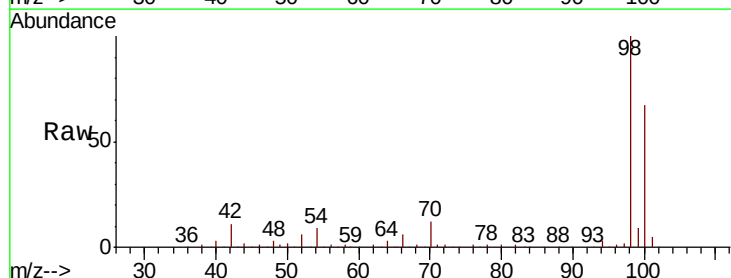
Acq: 21 Oct 2019 18:50

Tgt Ion: 98 Resp: 181218

Ion Ratio Lower Upper

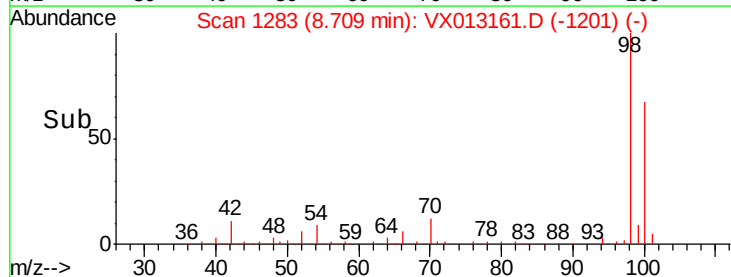
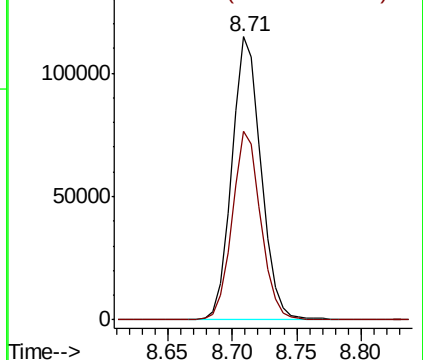
98 100

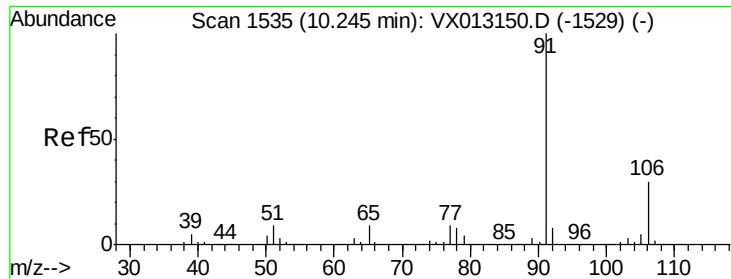
100 65.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#66

Ethyl Benzene

Concen: 0.308 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

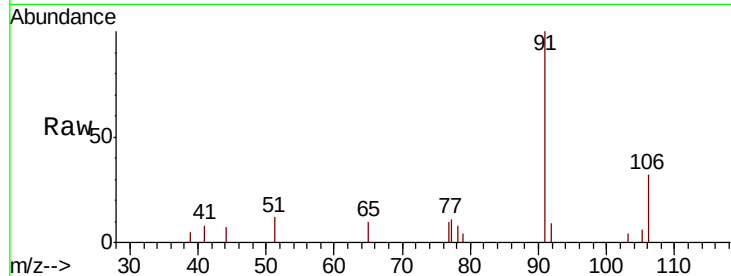
SEWER-OUTLET-02(DSN-001)

Tot Ion: 91 Resp: 2551

Ion Ratio Lower Upper

91 100

106 32.1 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

2000

1500

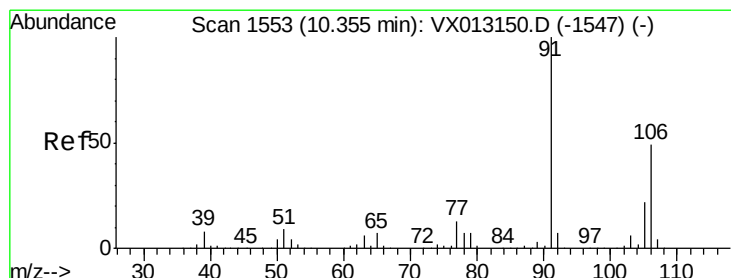
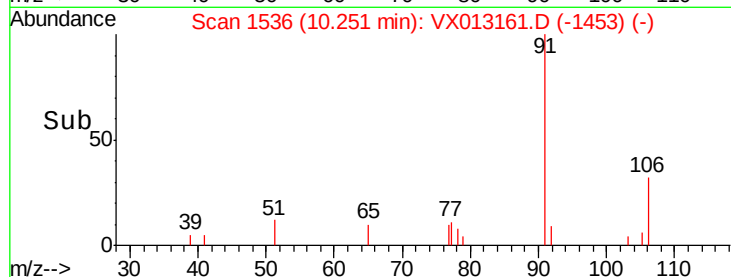
1000

500

0

Time--> 10.20 10.25 10.30

10.25



#67

m/p-Xylenes

Concen: 1.116 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013161.D

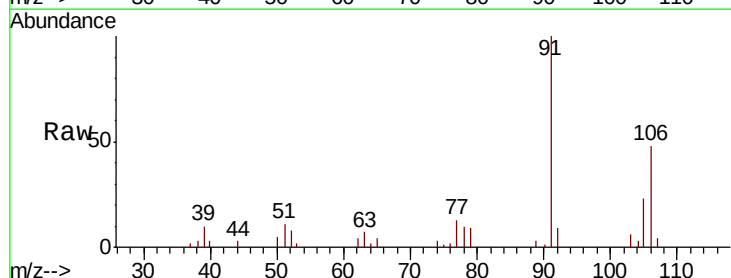
Acq: 21 Oct 2019 18:50

Tgt Ion:106 Resp: 3511

Ion Ratio Lower Upper

106 100

91 213.9 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

6000

5000

4000

3000

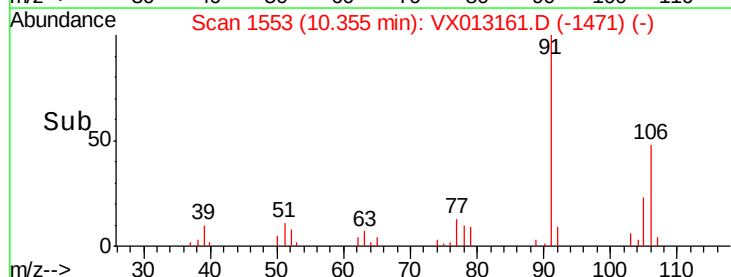
2000

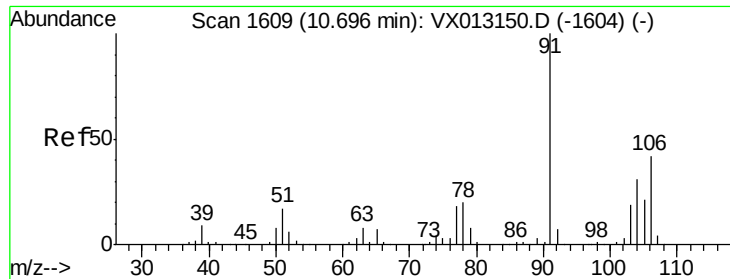
1000

0

Time--> 10.30 10.35 10.40

10.35

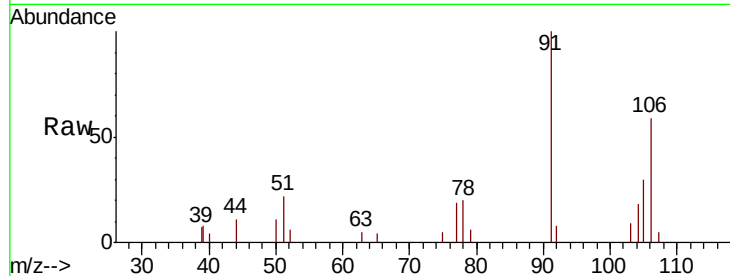




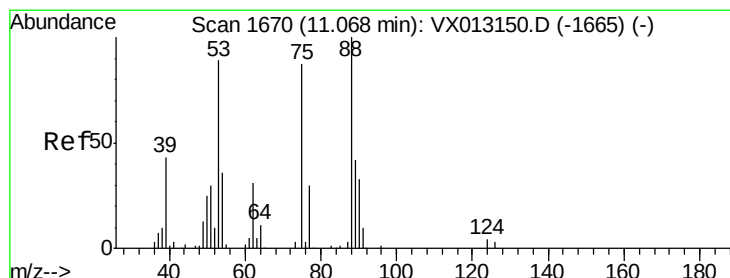
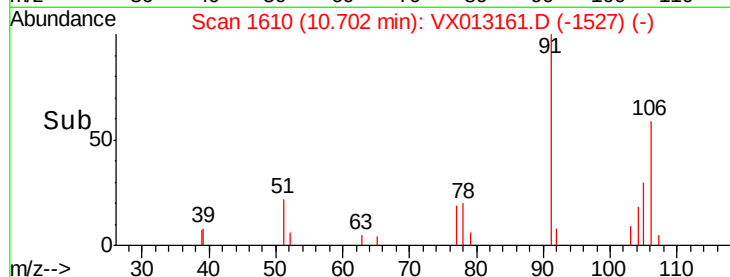
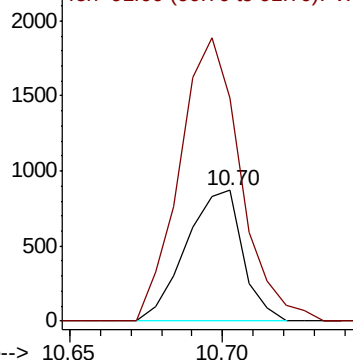
#68
o-Xylene
Concen: 0.372 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

Tot Ion:106 Resp: 1117
Ion Ratio Lower Upper
106 100
91 233.3 113.6 340.8

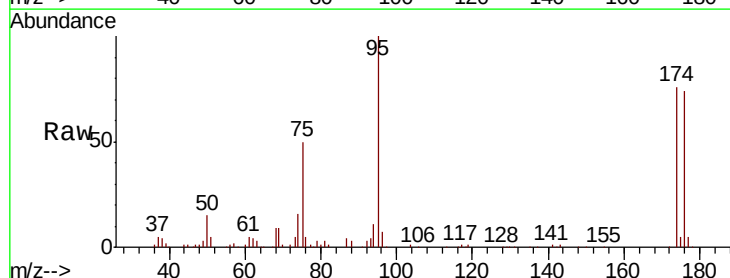


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

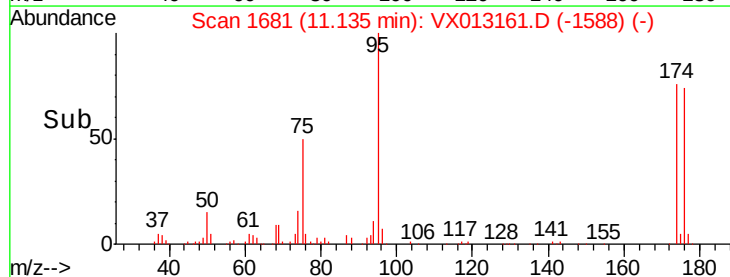
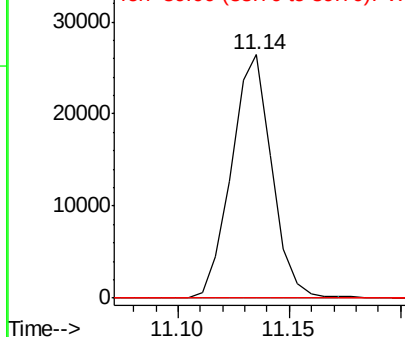


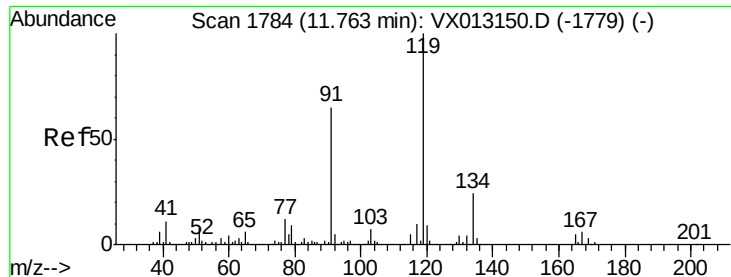
#77
t-1,4-Dichloro-2-butene
Concen: 39.179 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion: 75 Resp: 33370
Ion Ratio Lower Upper
75 100
53 0.0 51.1 153.4#
89 0.0 24.1 72.4#



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0

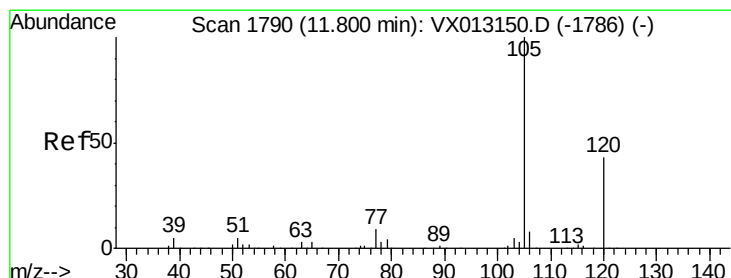
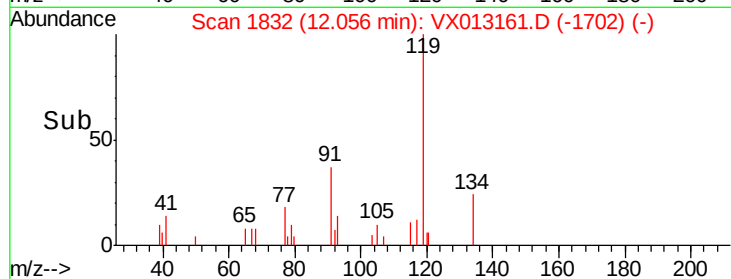
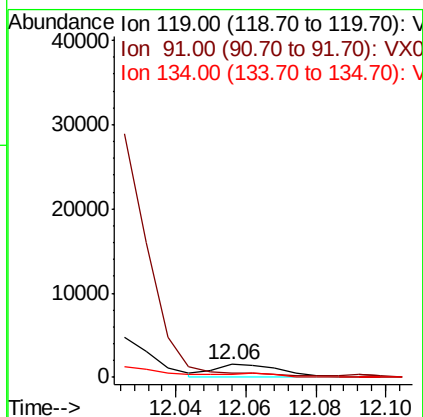
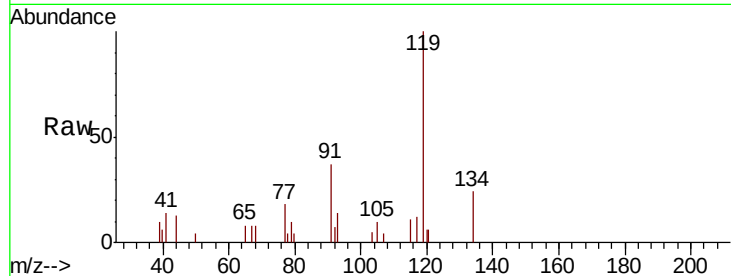




#79
tert-butylbenzene
Concen: 0.286 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. 0.29 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

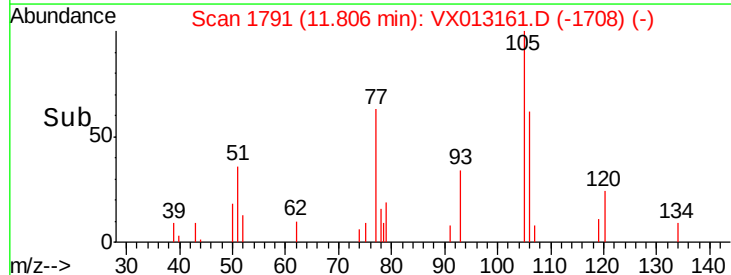
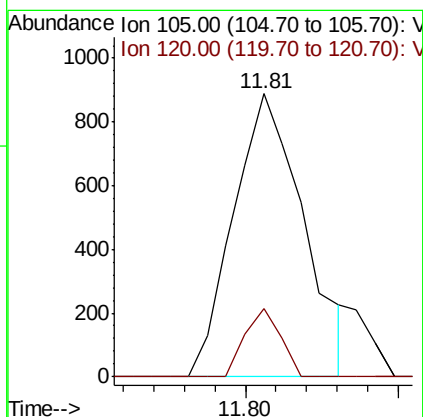
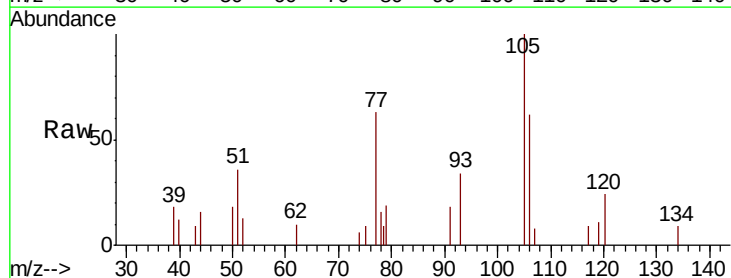
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

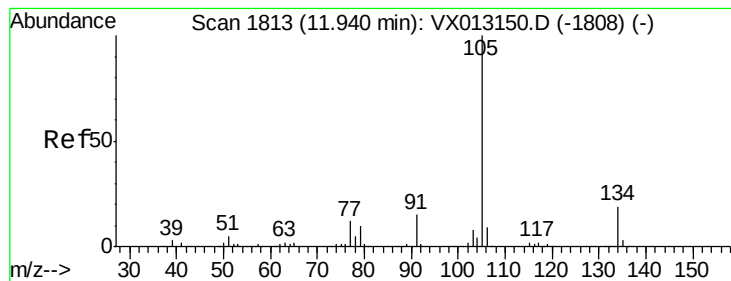
Tot Ion:119 Resp: 1907
Ion Ratio Lower Upper
119 100
91 10.7 0.0 128.4
134 26.4 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 0.204 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion:105 Resp: 1412
Ion Ratio Lower Upper
105 100
120 12.2 0.0 87.4





#81

sec-Butylbenzene

Concen: 1.332 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.09 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

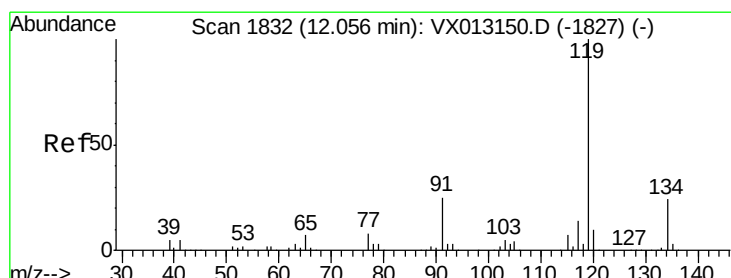
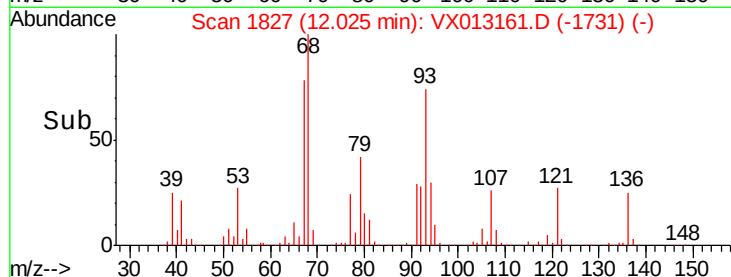
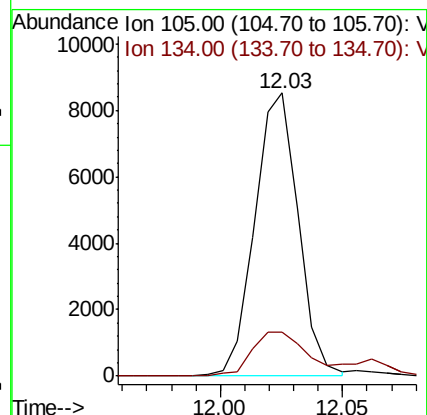
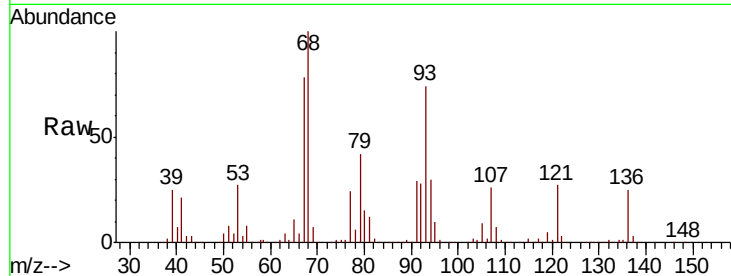
SEWER-OUTLET-02(DSN-001)

Tot Ion:105 Resp: 10571

Ion Ratio Lower Upper

105 100

134 19.2 0.0 39.2



#82

p-Isopropyltoluene

Concen: 0.263 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

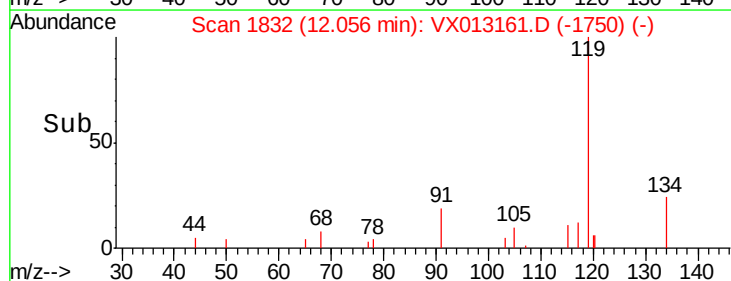
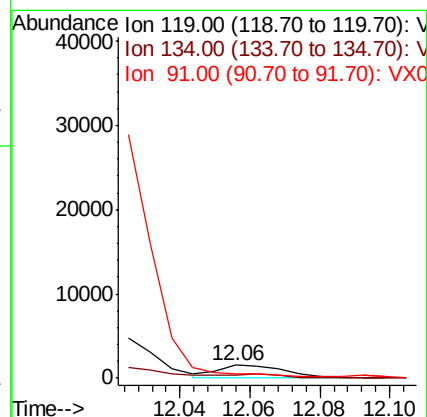
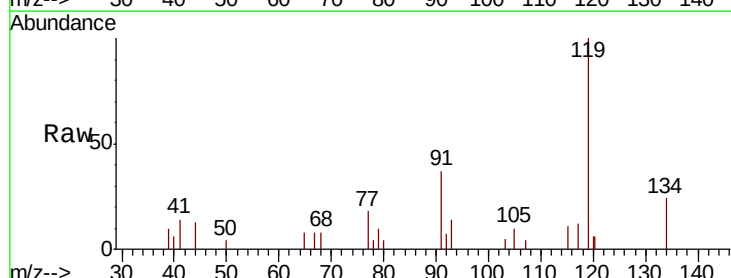
Tgt Ion:119 Resp: 1907

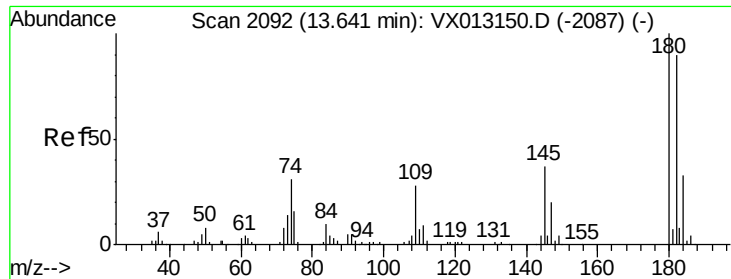
Ion Ratio Lower Upper

119 100

134 26.4 0.0 51.6

91 10.7 0.0 50.0

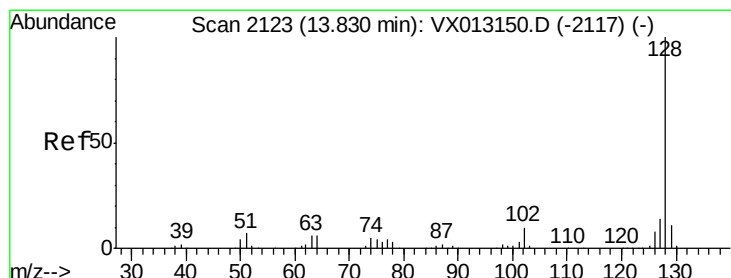
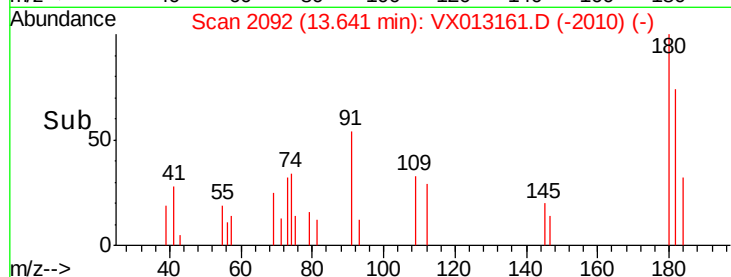
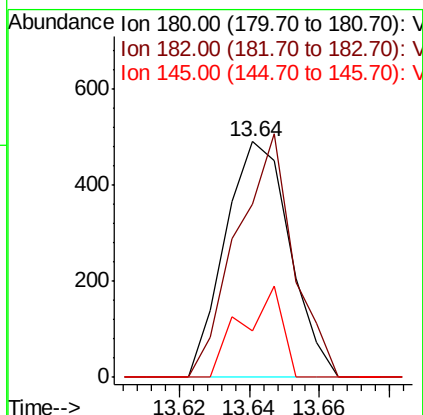
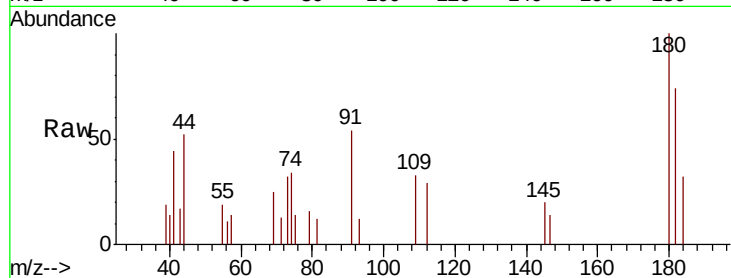




#89
 1,2,4-Trichlorobenzene
 Concen: 0.289 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02(DSN-001)

Tot Ion:180 Resp: 629
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.1 114.1
 145 24.0 27.4 41.2#



#91
 Naphthalene
 Concen: 0.246 ug/l
 RT: 13.84 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Tgt Ion:128 Resp: 1745
 Ion Ratio Lower Upper
 128 100
 127 16.9 10.5 15.7#
 129 10.3 8.6 12.8

