

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008504.D
 Acq On : 27 Mar 2019 23:35
 Operator : JC/SP
 Sample : K2137-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02DL

Quant Time: Mar 28 02:12:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35793	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	206985	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.19	117	214	30.00	ug/l	0.08

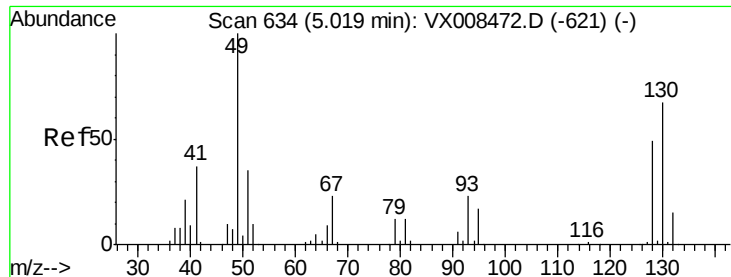
System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	89675	29.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.83%
60) 4-Bromofluorobenzene	11.13	95	88843	23827.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79424.93%#
63) Toluene-d8	8.71	98	259141	25510.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	85036.13%#

Target Compounds

					Ovalue	
13) Acrolein	2.21	56	123	0.233	ug/l	97
15) Acetone	2.44	58	41537	79.306	ug/l	88
18) Methylene Chloride	2.85	84	1706	0.630	ug/l #	92
25) Chloroform	5.21	83	9283	2.059	ug/l	89
38) Methylcyclohexane	7.90	83	1420	0.324	ug/l #	22
41) Bromodichloromethane	7.90	83	1420	0.413	ug/l #	80
43) Ethyl Acetate	4.84	43	2782	0.604	ug/l #	89
56) Bromoform	11.14	173	713	0.383	ug/l #	1
58) 4-Methyl-2-Pentanone	8.65	43	165	29.226	ug/l #	43
59) 2-Hexanone	9.49	43	31	6.950	ug/l #	33
62) Toluene	8.79	91	491	37.896	ug/l #	72
66) Ethyl Benzene	10.25	91	99	6.884	ug/l #	42
67) m/p-Xylenes	10.35	106	151	28.787	ug/l	90
68) o-Xylene	10.35	106	151	29.417	ug/l	98
69) Stvrene	11.14	104	313	35.043	ug/l #	1
70) Isopropylbenzene	11.02	105	46	3.397	ug/l #	46
71) 1,1,2,2-Tetrachloroethane	11.13	83	102	20.165	ug/l #	1
72) 1,2,3-Trichloropropane	11.29	75	68	15.904	ug/l #	37
74) n-propylbenzene	11.51	91	59	3.658	ug/l #	51
75) 2-Chlorotoluene	11.51	91	59	6.148	ug/l #	37
76) 1,3,5-Trimethylbenzene	11.51	105	80	6.911	ug/l #	27
77) t-1,4-Dichloro-2-butene	11.13	75	45079	27486.171	ug/l #	6
78) 4-Chlorotoluene	11.51	91	59	5.342	ug/l #	42
79) tert-butylbenzene	12.06	119	386	32.628	ug/l	92
80) 1,2,4-Trimethylbenzene	12.02	105	350	30.322	ug/l	48
81) sec-Butylbenzene	12.02	105	350	26.462	ug/l	66
82) p-Isopropyltoluene	12.06	119	386	32.628	ug/l	92
83) 1,3-Dichlorobenzene	12.10	146	83	14.513	ug/l #	14
84) 1,4-Dichlorobenzene	12.10	146	83	14.523	ug/l #	11
85) n-Butylbenzene	12.02	91	1627	144.745	ug/l	80
87) 1,2-Dichlorobenzene	12.10	146	83	14.403	ug/l #	14
88) 1,2-Dibromo-3-Chloropropan	12.85	75	40	35.678	ug/l #	1
91) Naphthalene	13.83	128	151	11.087	ug/l #	69

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

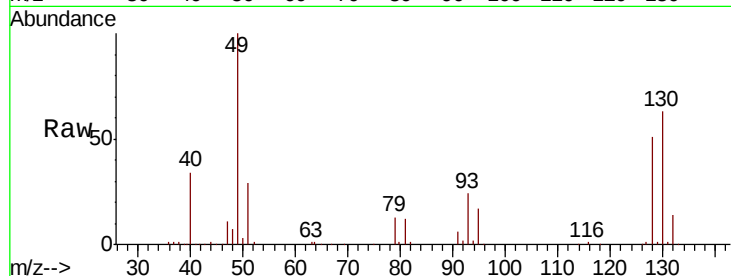
Tot Ion:128 Resp: 35793

Ion Ratio Lower Upper

128 100

49 203.2 0.0 350.8

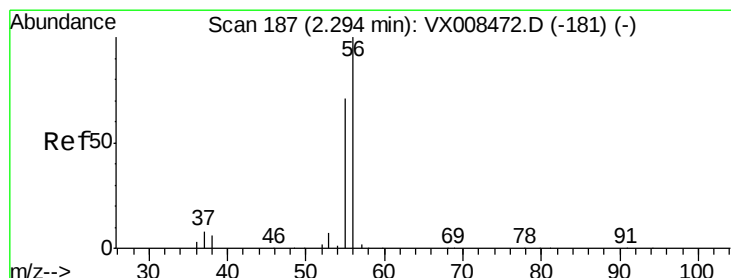
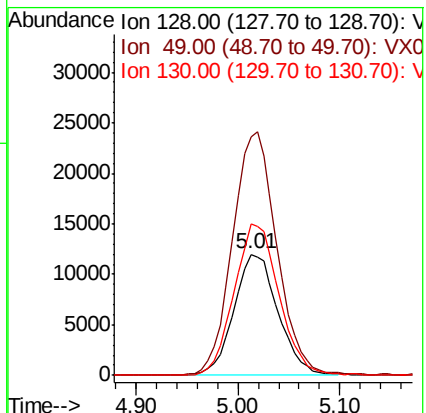
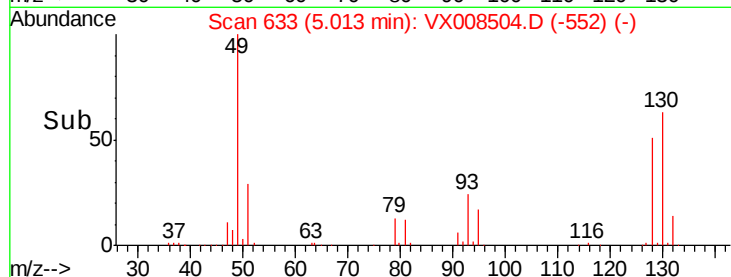
130 128.0 0.0 325.8



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



#13

Acrolein

Concen: 0.233 ug/l

RT: 2.21 min Scan# 174

Delta R.T. -0.08 min

Lab File: VX008504.D

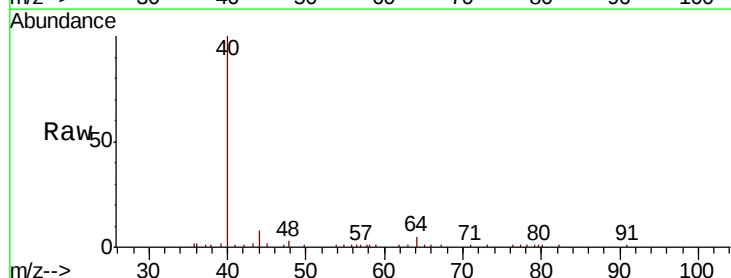
Acq: 27 Mar 2019 23:35

Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

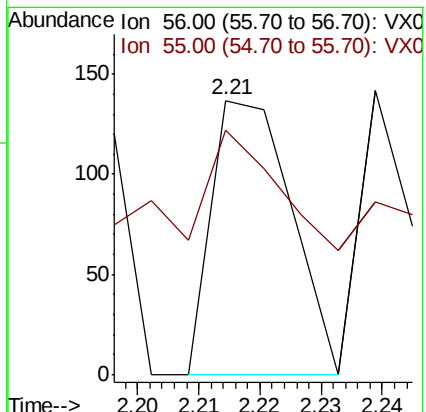
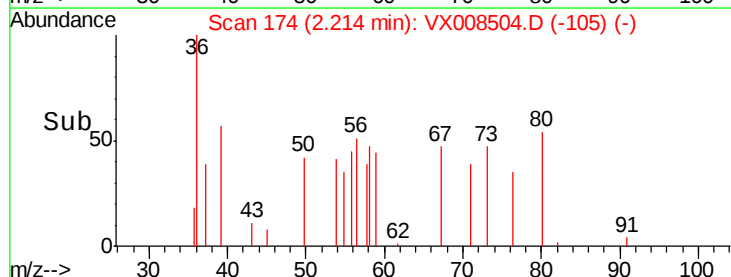
56 100

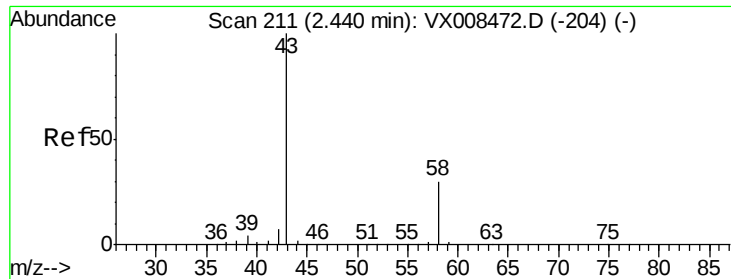
55 70.7 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acetone

Concen: 79.306 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

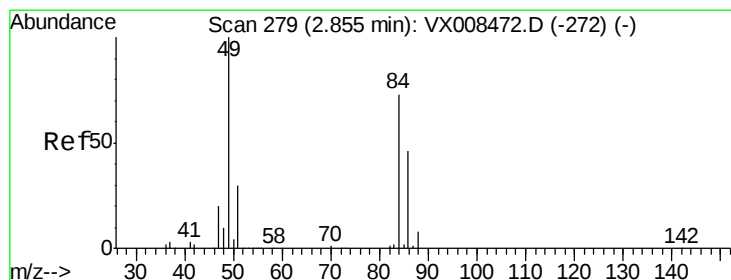
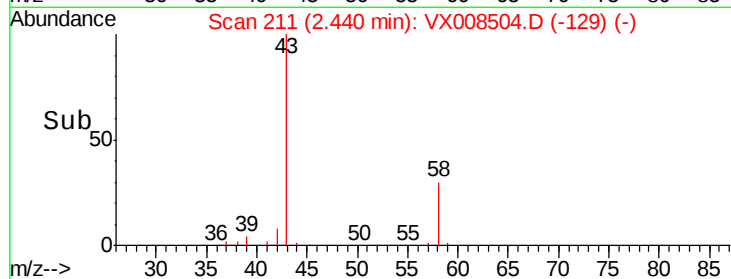
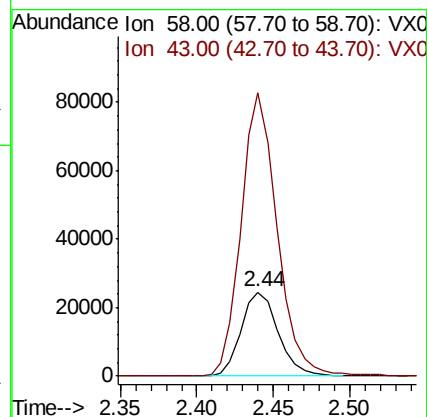
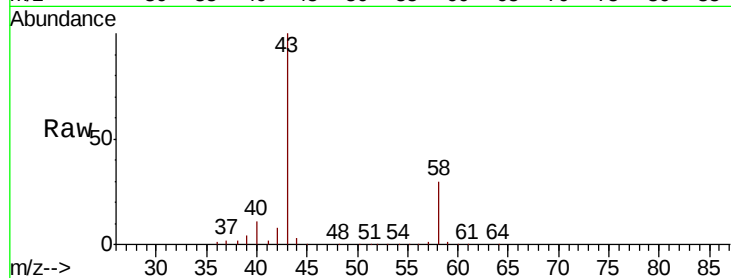
SEWER-OUTLET-02DL

Tot Ion: 58 Resp: 41537

Ion Ratio Lower Upper

58 100

43 335.8 249.8 374.6



#18

Methylene Chloride

Concen: 0.630 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Tgt Ion: 84 Resp: 1706

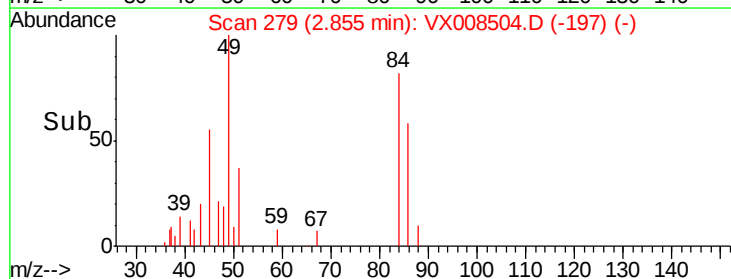
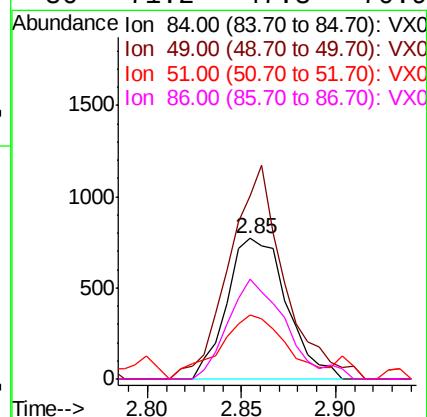
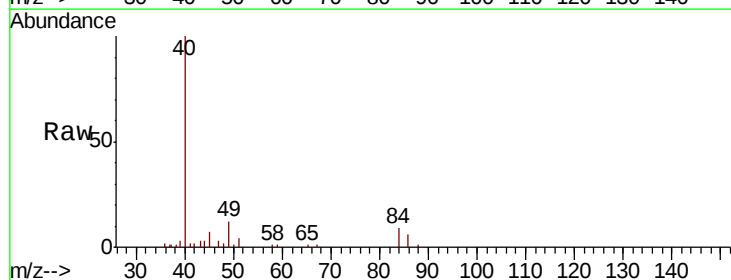
Ion Ratio Lower Upper

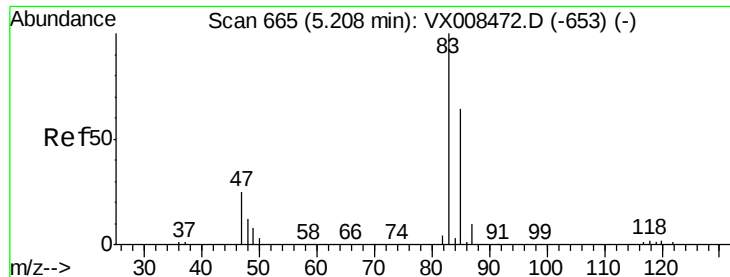
84 100

49 122.3 96.1 144.1

51 29.3 29.1 43.7

86 71.2 47.3 70.9#

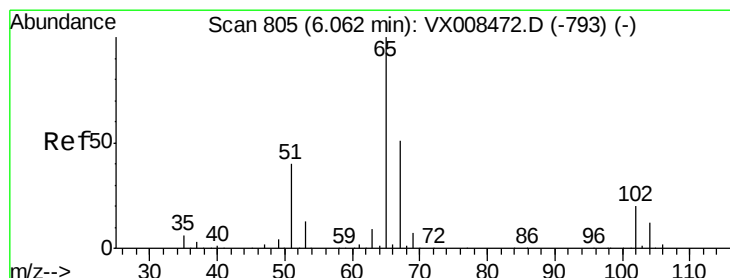
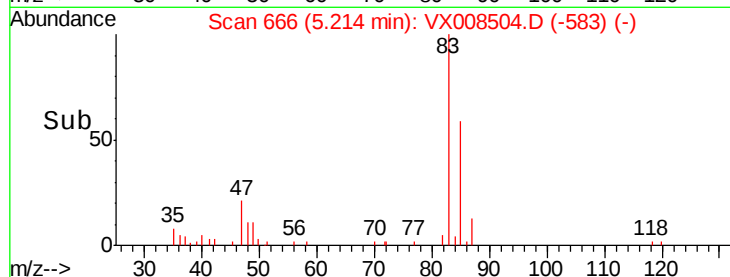
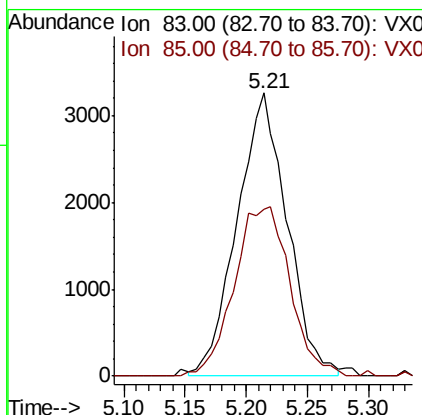
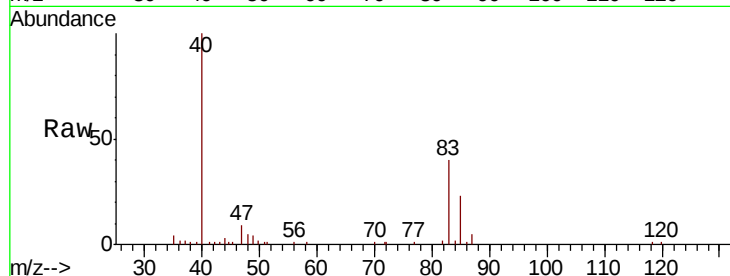




#25
Chloroform
Concen: 2.059 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

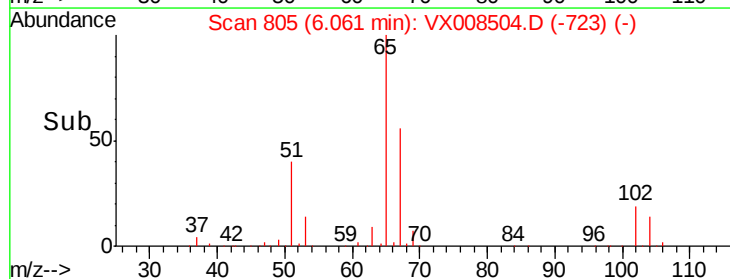
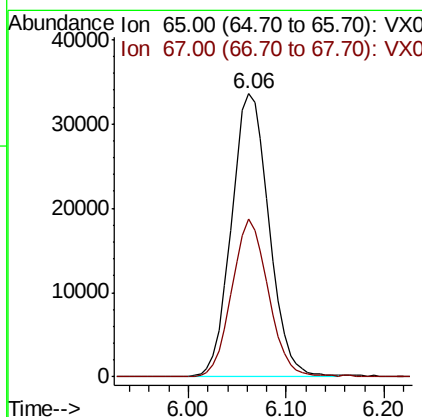
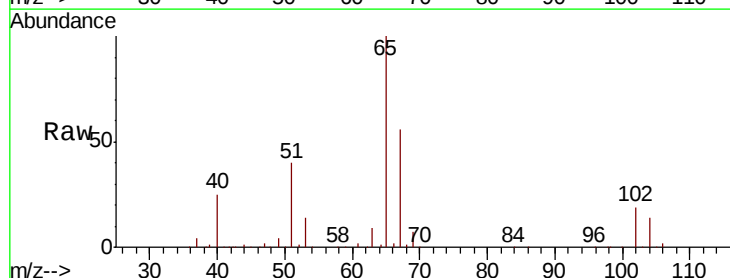
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

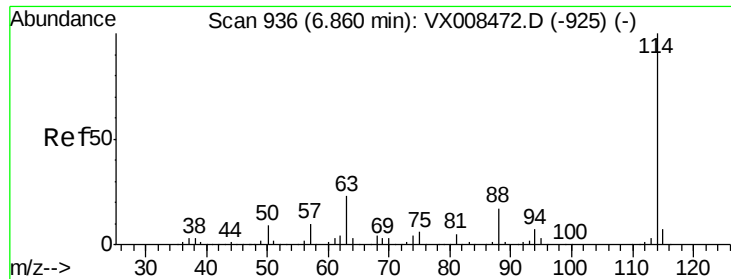
Tot Ion: 83 Resp: 9283
Ion Ratio Lower Upper
83 100
85 58.2 53.8 80.6



#27
1,2-Dichloroethane-d4
Concen: 29.949 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Tgt Ion: 65 Resp: 89675
Ion Ratio Lower Upper
65 100
67 53.9 42.9 64.3

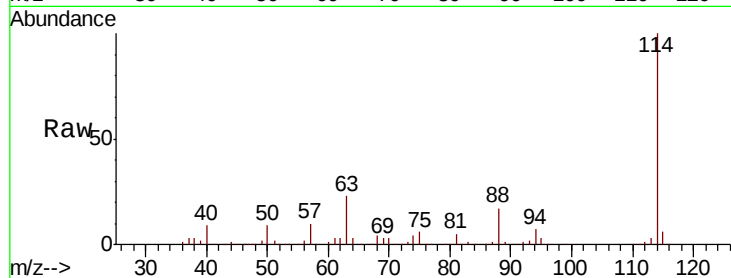




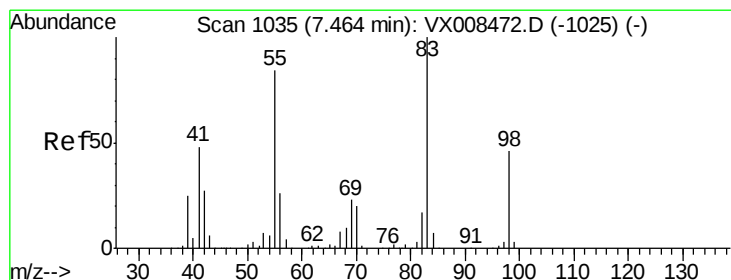
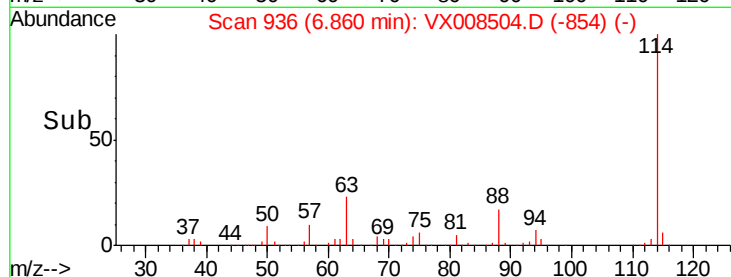
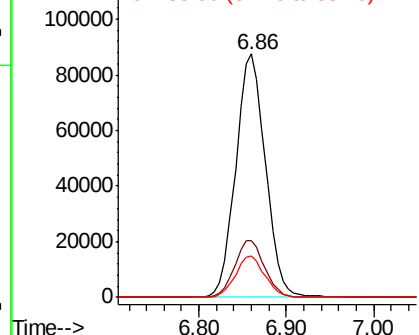
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tot Ion:114 Resp: 206985
Ion Ratio Lower Upper
114 100
63 23.6 14.2 21.4#
88 17.0 11.9 17.9

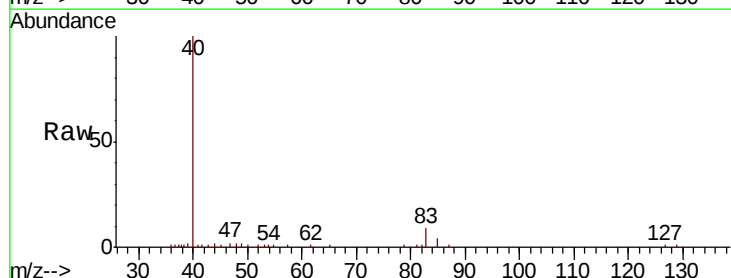


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 88.00 (87.70 to 88.70): VX0

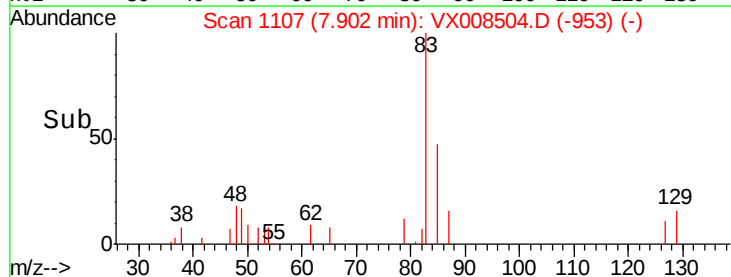
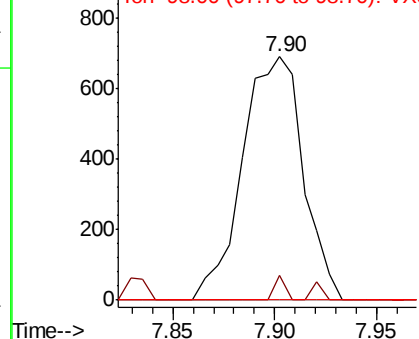


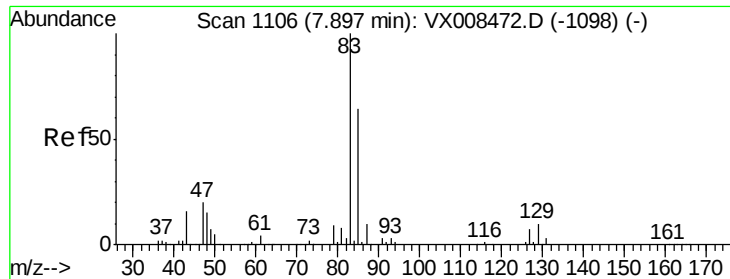
#38
Methylcyclohexane
Concen: 0.324 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.44 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Tgt Ion: 83 Resp: 1420
Ion Ratio Lower Upper
83 100
55 3.1 36.0 108.0#
98 0.0 23.8 71.4#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#41

Bromodichloromethane

Concen: 0.413 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

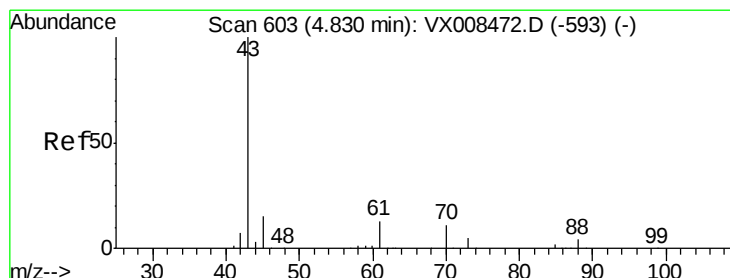
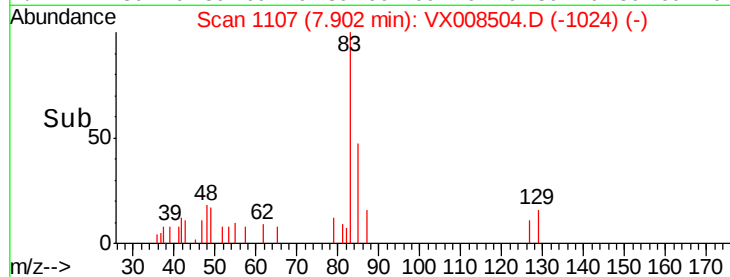
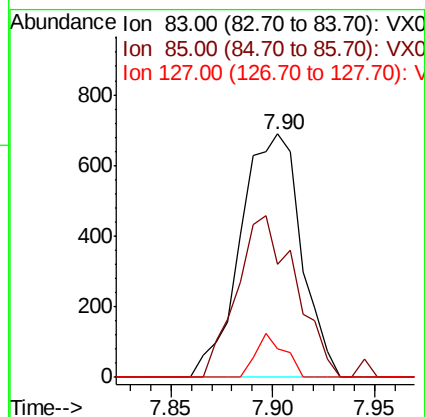
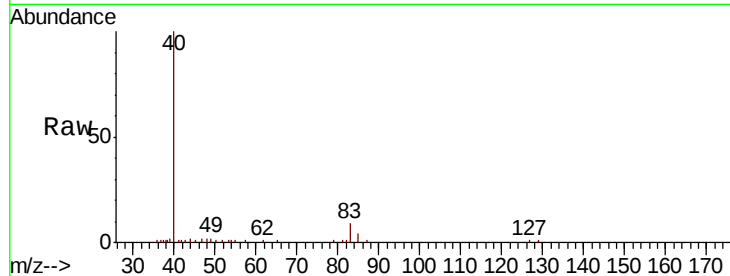
Tot Ion: 83 Resp: 1420

Ion Ratio Lower Upper

83 100

85 46.6 51.1 76.7#

127 11.5 7.2 10.8#



#43

Ethyl Acetate

Concen: 0.604 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX008504.D

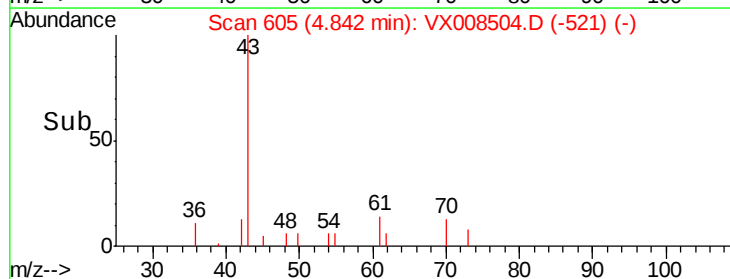
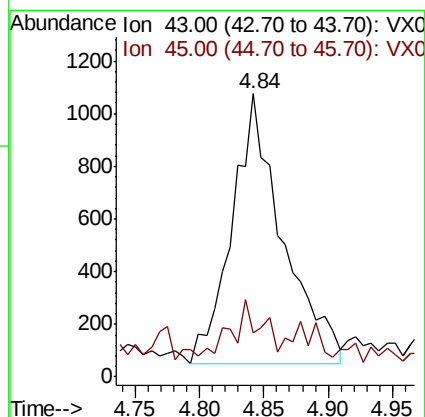
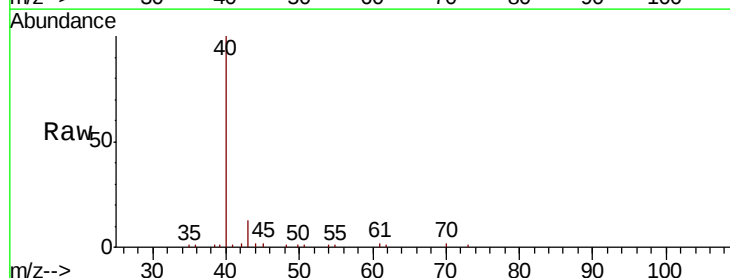
Acq: 27 Mar 2019 23:35

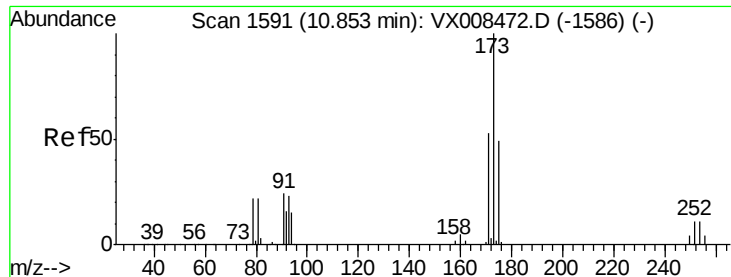
Tgt Ion: 43 Resp: 2782

Ion Ratio Lower Upper

43 100

45 4.5 6.9 10.3#





#56

Bromoform

Concen: 0.383 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.29 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

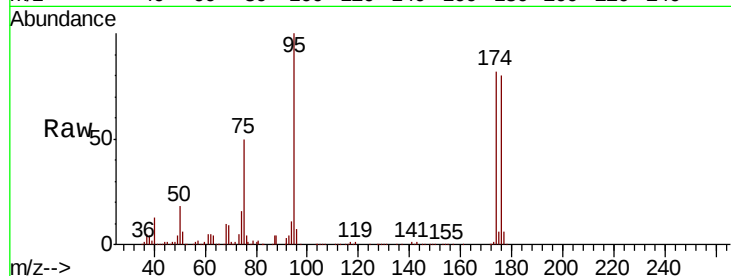
Tot Ion:173 Resp: 713

Ion Ratio Lower Upper

173 100

175 708.0 38.5 57.7#

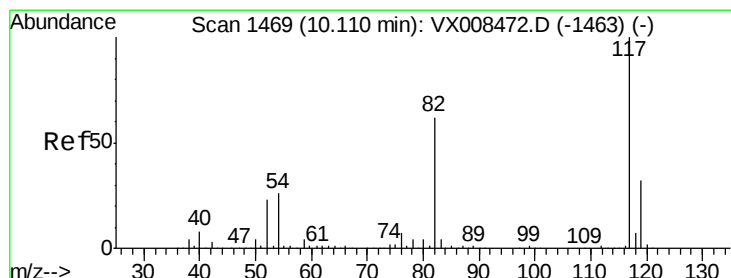
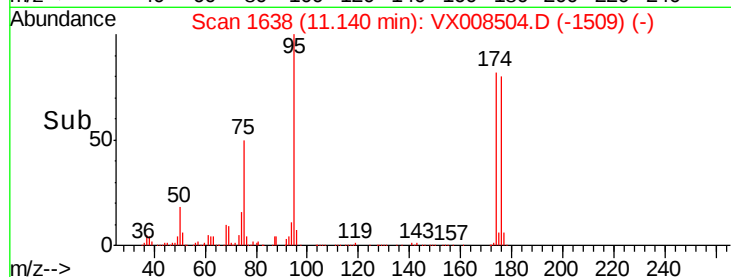
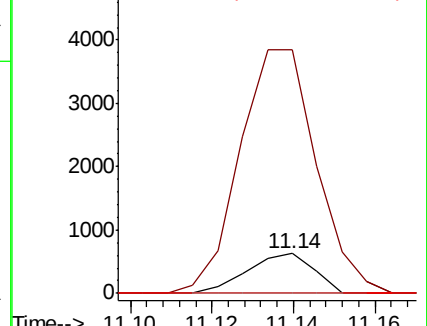
254 0.0 7.4 11.2#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.19 min Scan# 1482

Delta R.T. 0.08 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

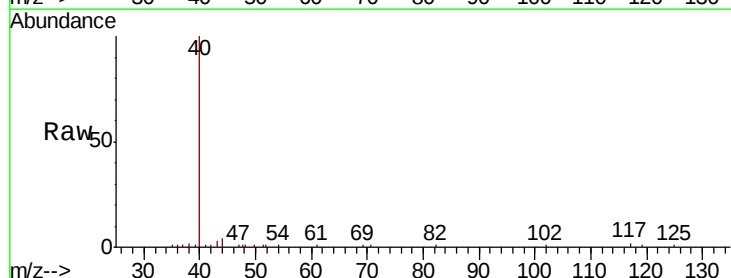
Tgt Ion:117 Resp: 214

Ion Ratio Lower Upper

117 100

82 41.6 40.4 60.6

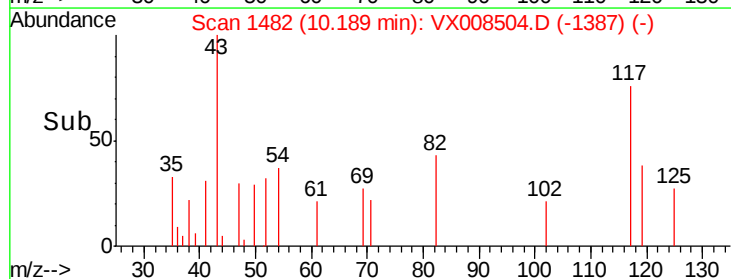
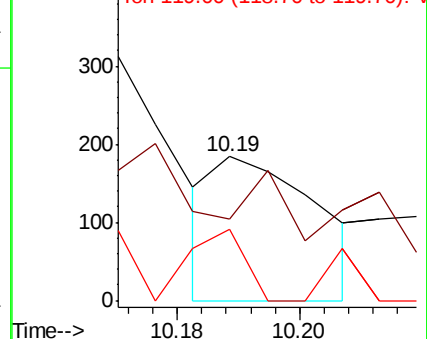
119 27.1 25.8 38.6

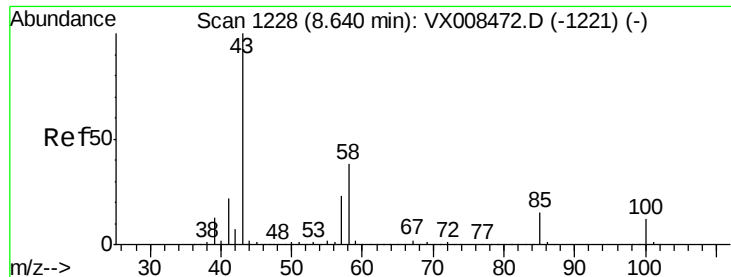


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

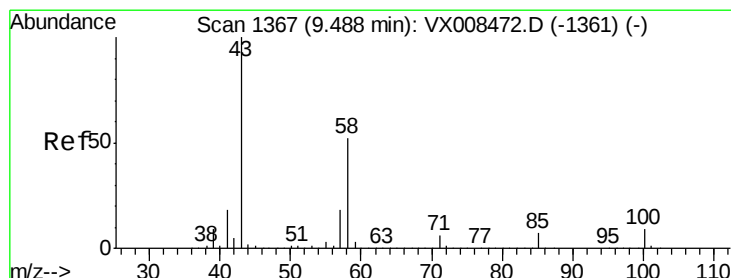
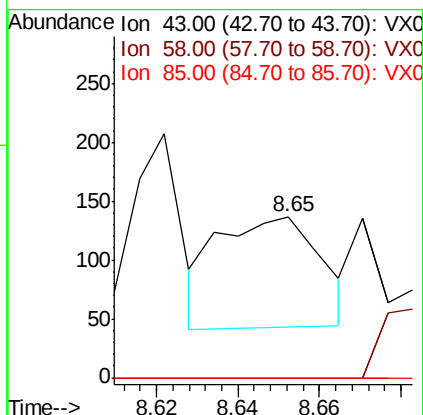
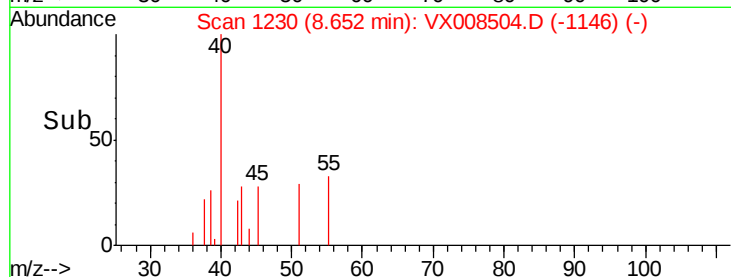
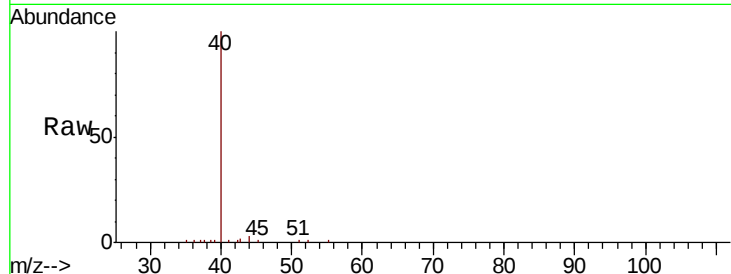




#58
4-Methyl-2-Pentanone
Concen: 29.226 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

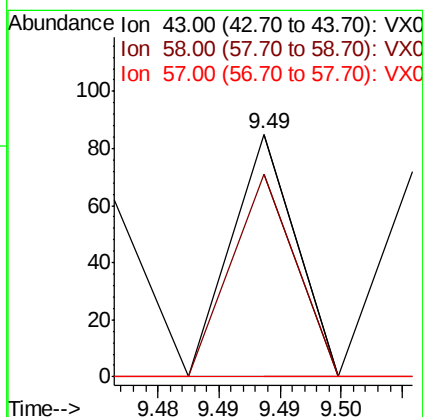
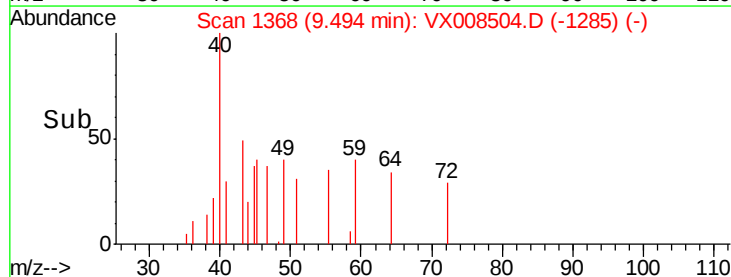
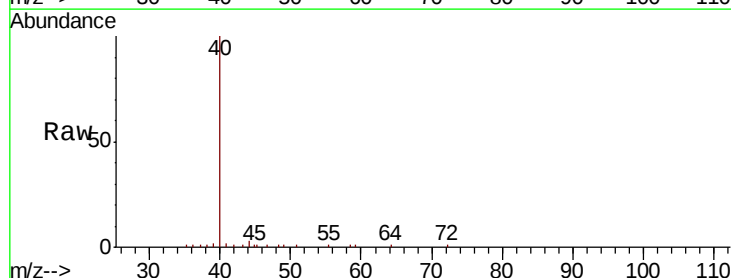
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

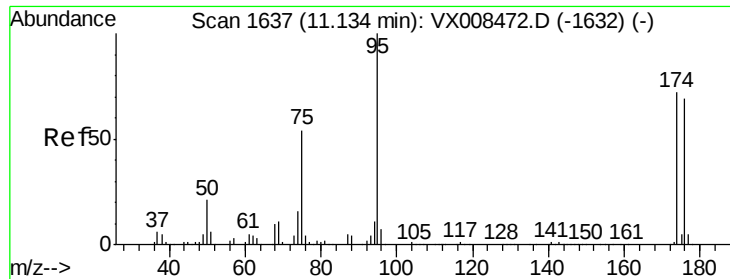
Tot Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.0#
85 0.0 15.0 22.6#



#59
2-Hexanone
Concen: 6.950 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
58 0.0 43.9 65.9#
57 0.0 14.9 22.3#





#60

4-Bromofluorobenzene

Concen: 23827.476 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

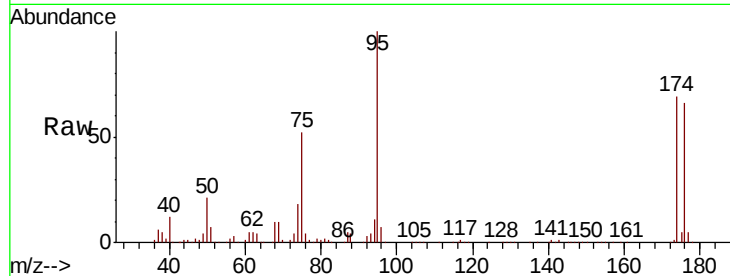
Tot Ion: 95 Resp: 88843

Ion Ratio Lower Upper

95 100

174 73.7 74.9 112.3#

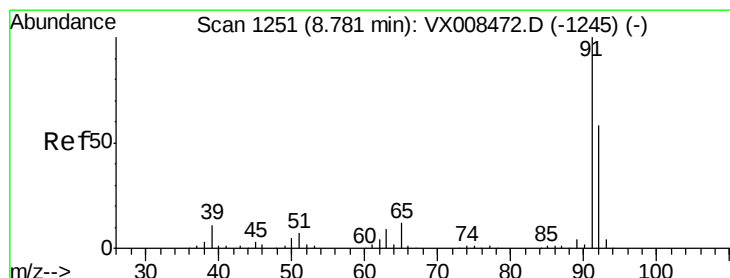
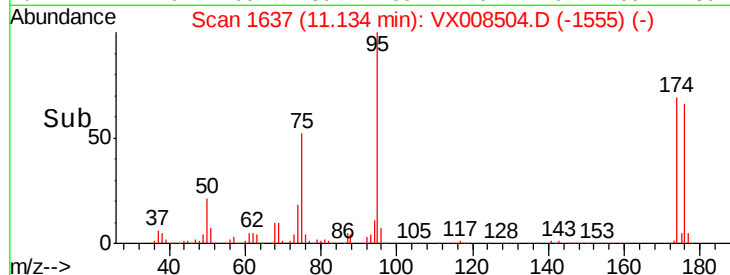
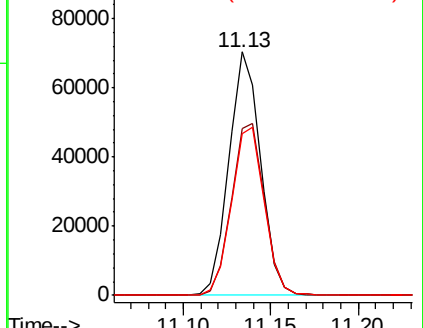
176 71.5 70.7 106.1



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: 37.896 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008504.D

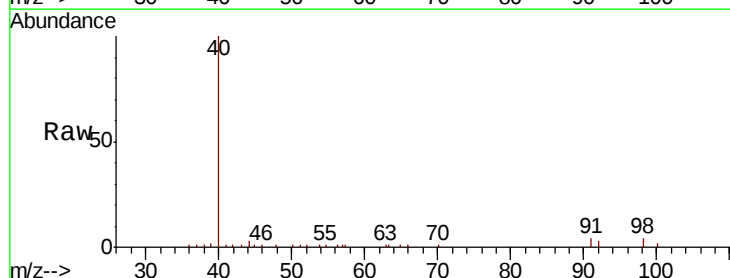
Acq: 27 Mar 2019 23:35

Tgt Ion: 91 Resp: 491

Ion Ratio Lower Upper

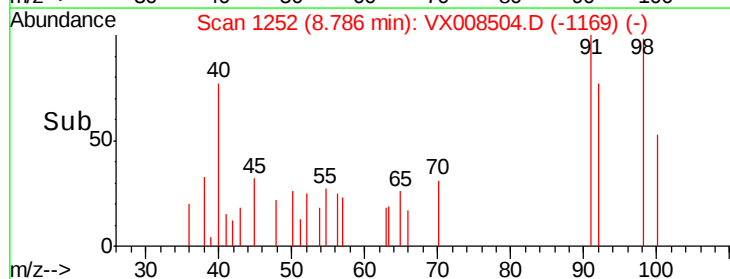
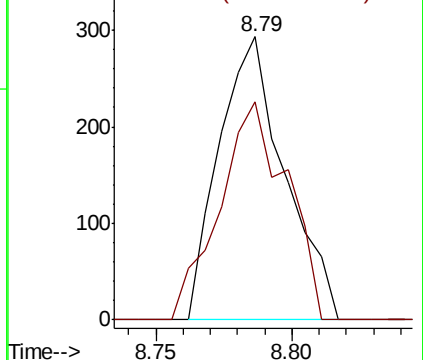
91 100

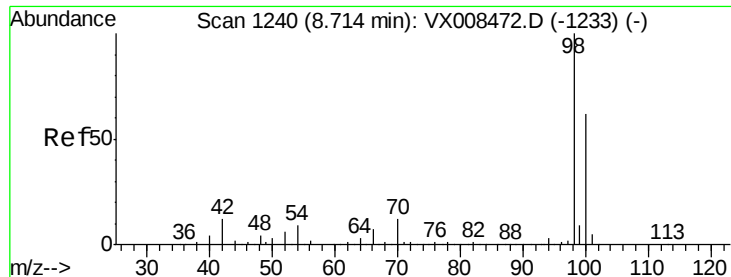
92 79.0 46.4 69.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 25510.840 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

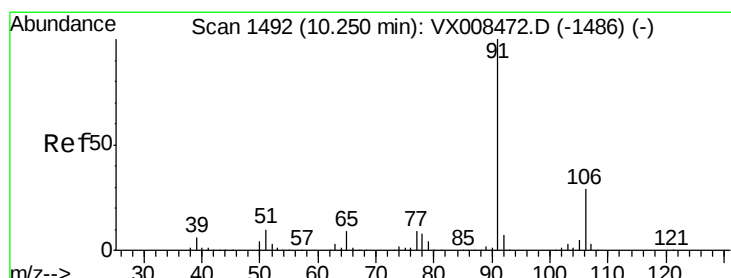
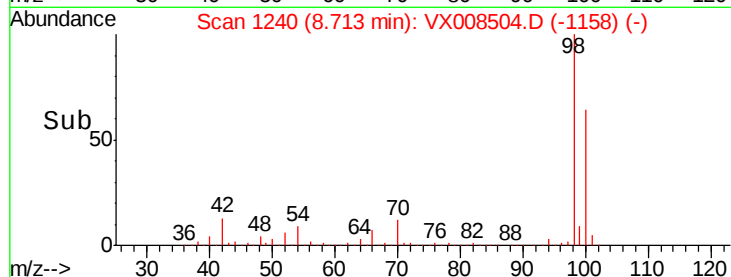
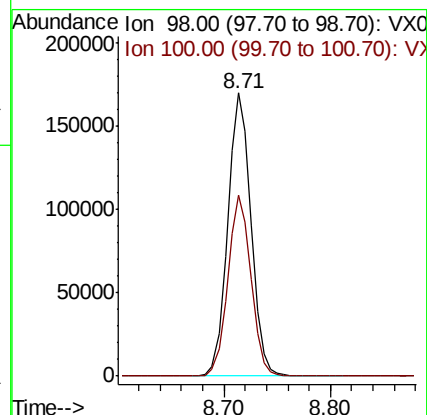
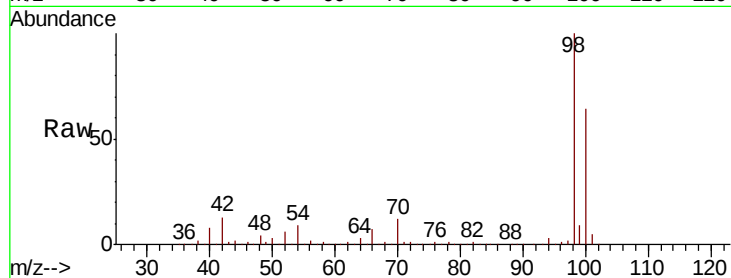
SEWER-OUTLET-02DL

Tot Ion: 98 Resp: 259141

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#66

Ethyl Benzene

Concen: 6.884 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008504.D

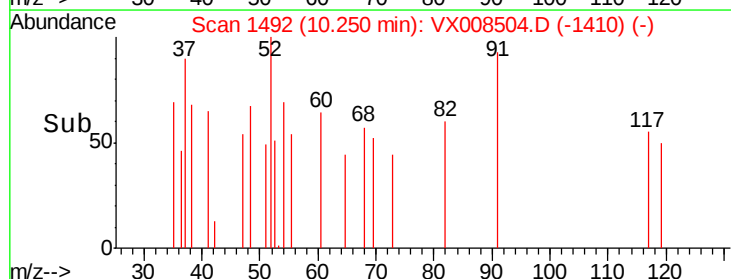
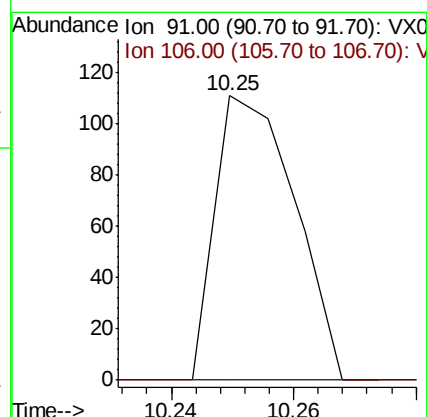
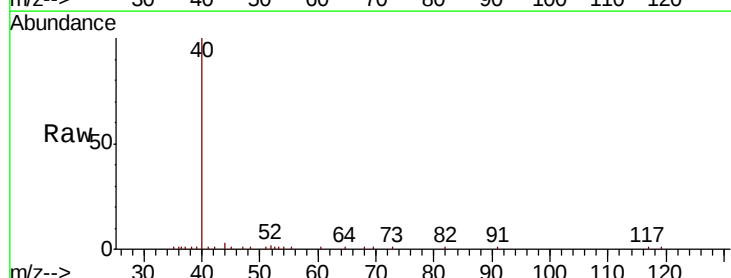
Acq: 27 Mar 2019 23:35

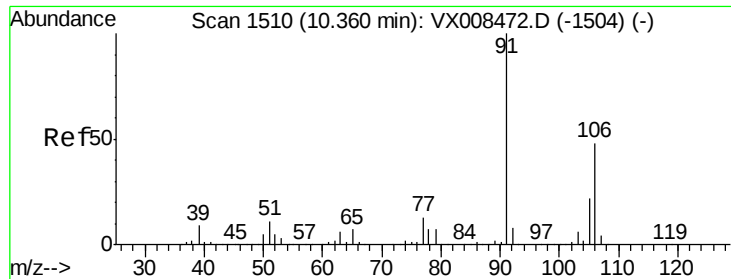
Tgt Ion: 91 Resp: 99

Ion Ratio Lower Upper

91 100

106 0.0 26.0 39.0#





#67

m/p-Xylenes

Concen: 28.787 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

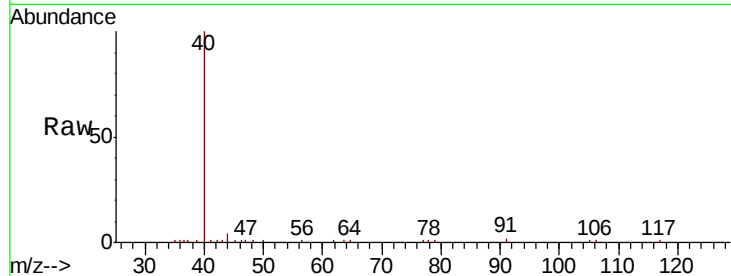
SEWER-OUTLET-02DL

Tot Ion:106 Resp: 151

Ion Ratio Lower Upper

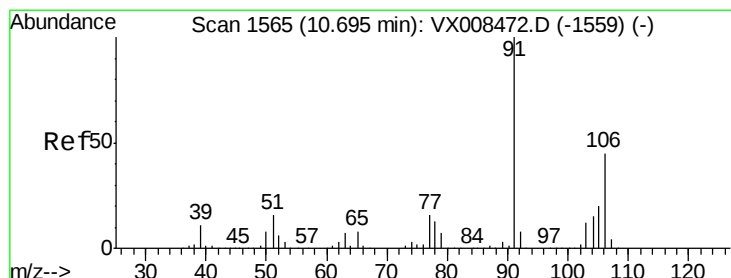
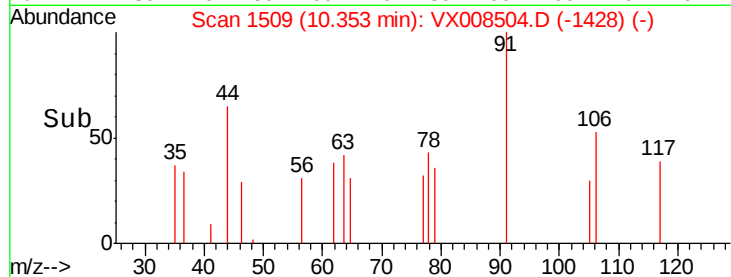
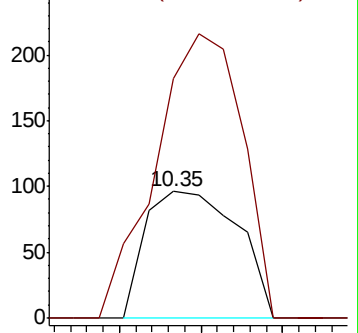
106 100

91 211.3 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 29.417 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.34 min

Lab File: VX008504.D

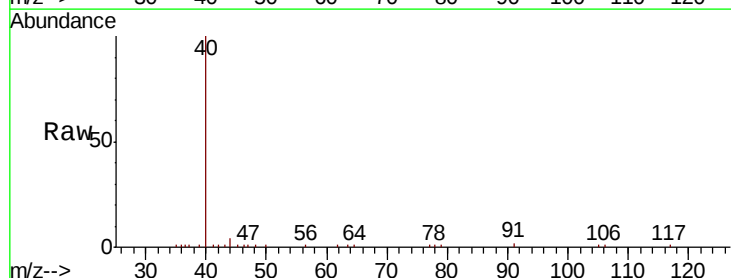
Acq: 27 Mar 2019 23:35

Tgt Ion:106 Resp: 151

Ion Ratio Lower Upper

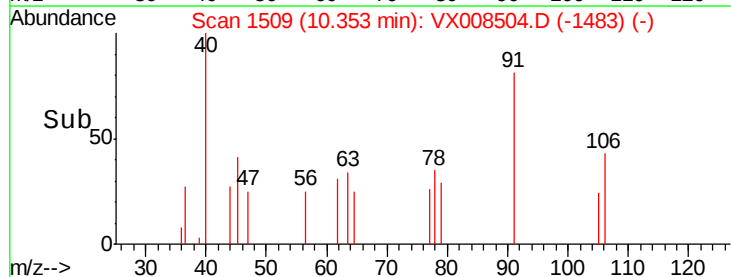
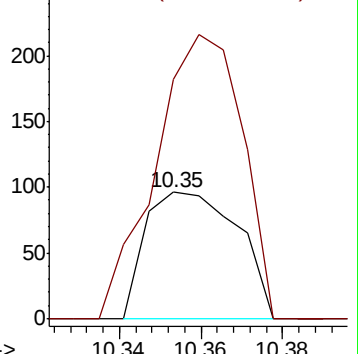
106 100

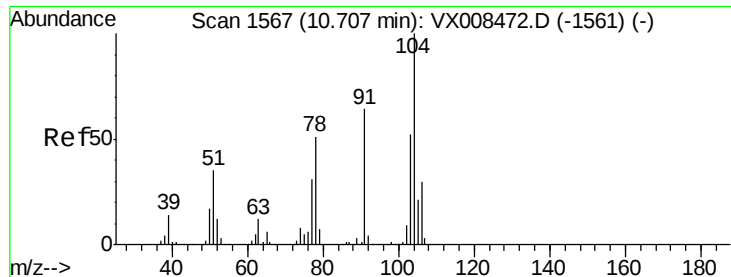
91 211.3 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

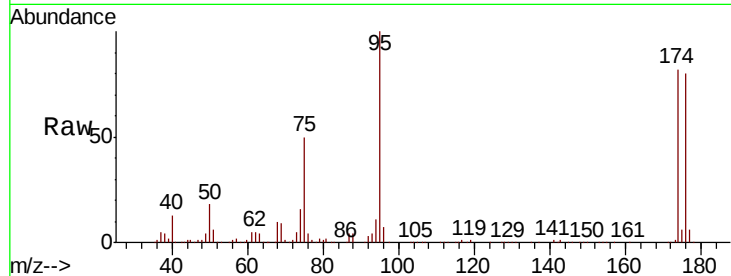




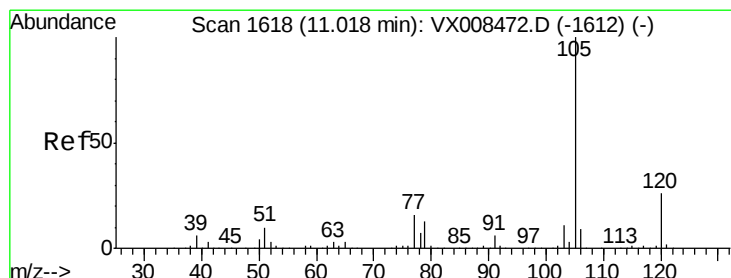
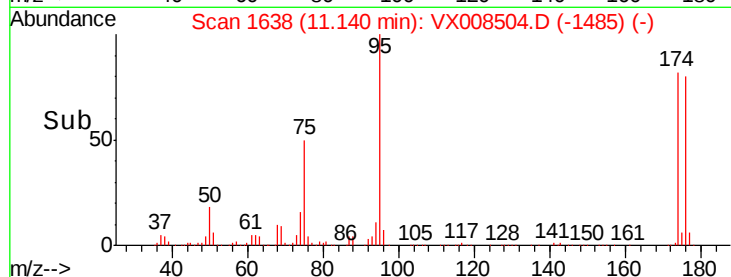
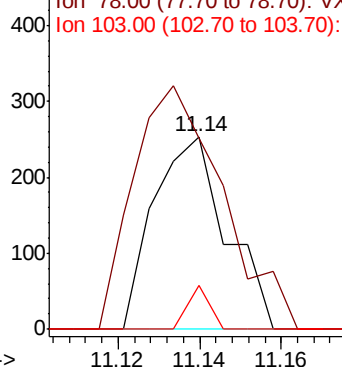
#69
Stvrene
Concen: 35.043 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.43 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tot Ion:104 Resp: 313
Ion Ratio Lower Upper
104 100
78 155.9 38.2 57.2#
103 0.0 45.0 67.4#

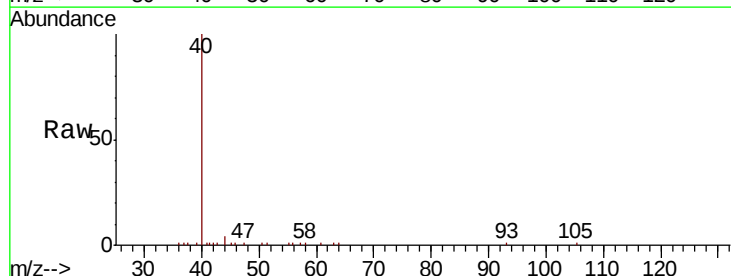


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

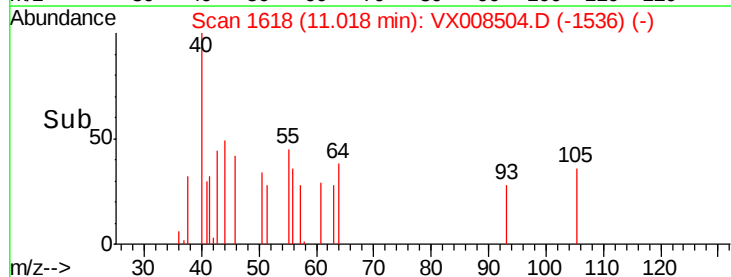
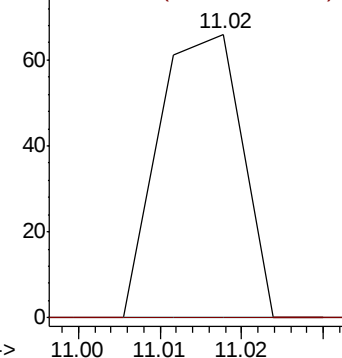


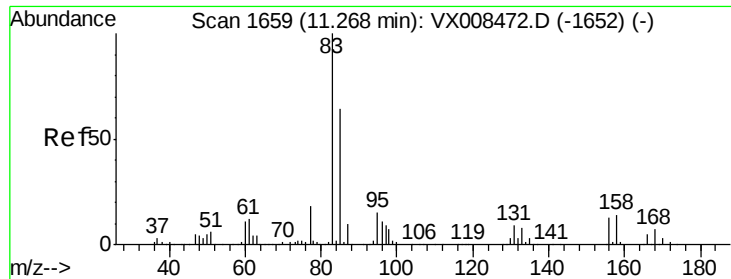
#70
Isopropylbenzene
Concen: 3.397 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Tgt Ion:105 Resp: 46
Ion Ratio Lower Upper
105 100
120 0.0 19.8 36.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

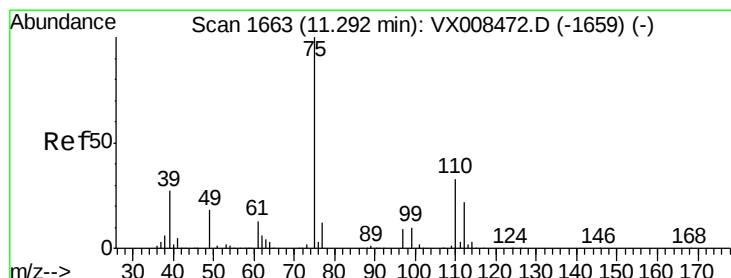
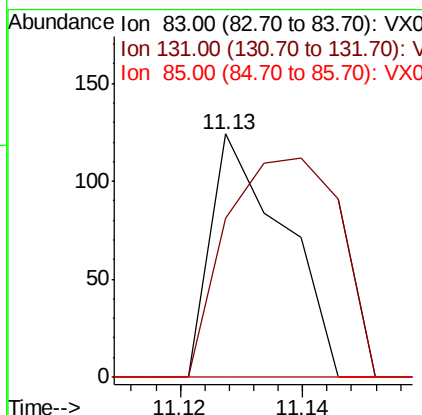
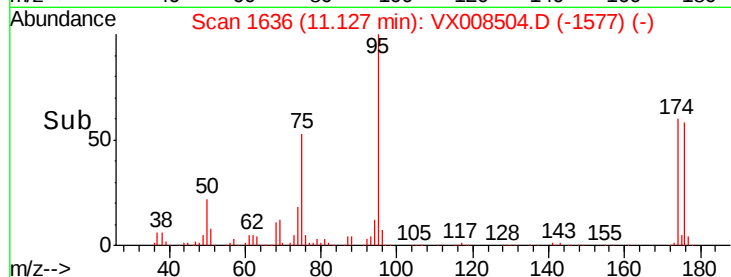
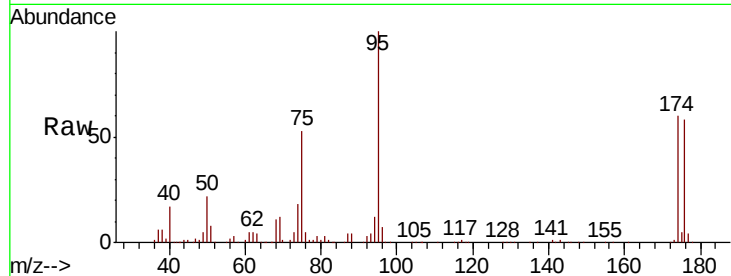




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.165 ug/l
 RT: 11.13 min Scan# 1636
 Delta R.T. -0.14 min
 Lab File: VX008504.D
 Acq: 27 Mar 2019 23:35

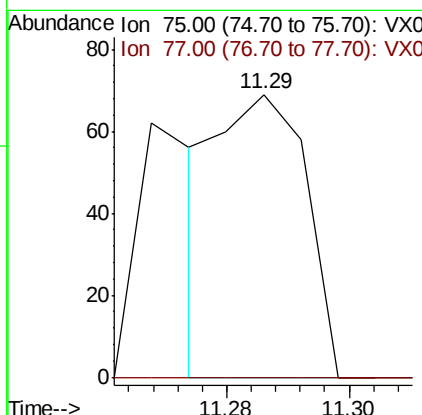
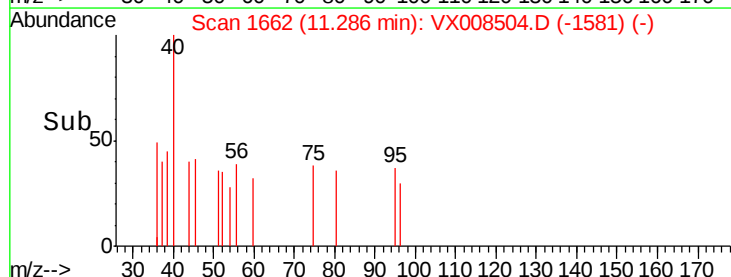
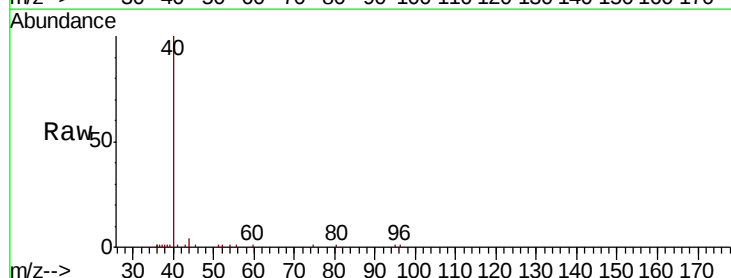
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02DL

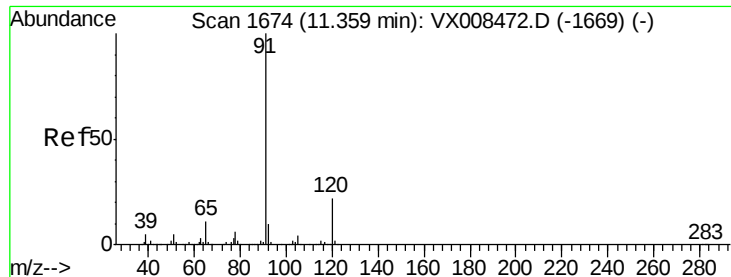
Tot Ion: 83 Resp: 102
 Ion Ratio Lower Upper
 83 100
 131 141.2 5.4 16.2#
 85 0.0 32.8 98.4#



#72
 1,2,3-Trichloropropane
 Concen: 15.904 ug/l
 RT: 11.29 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: VX008504.D
 Acq: 27 Mar 2019 23:35

Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 76.4





#74

n-propylbenzene

Concen: 3.658 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.15 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

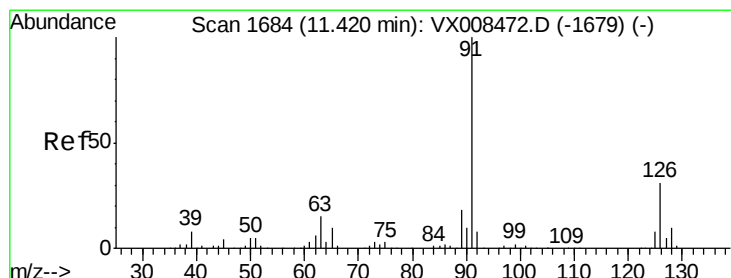
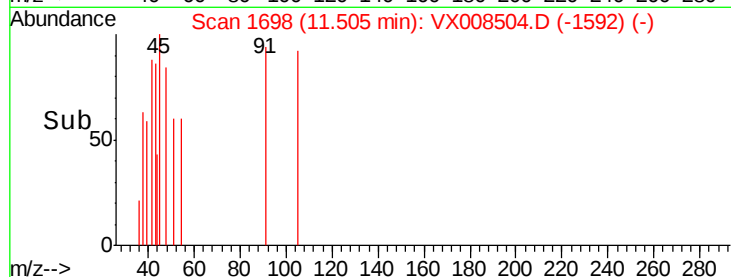
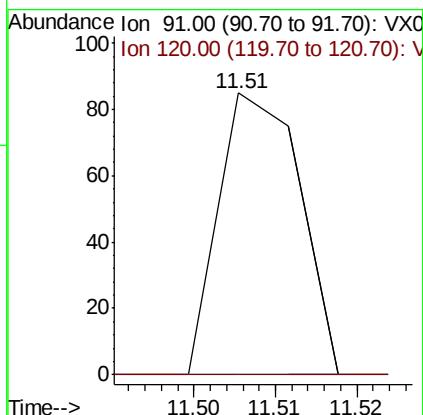
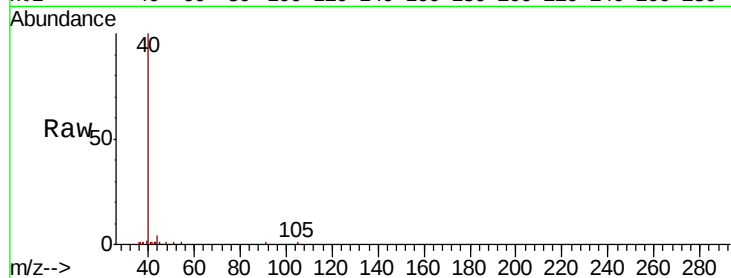
SEWER-OUTLET-02DL

Tot Ion: 91 Resp: 59

Ion Ratio Lower Upper

91 100

120 0.0 0.0 48.6



#75

2-Chlorotoluene

Concen: 6.148 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.09 min

Lab File: VX008504.D

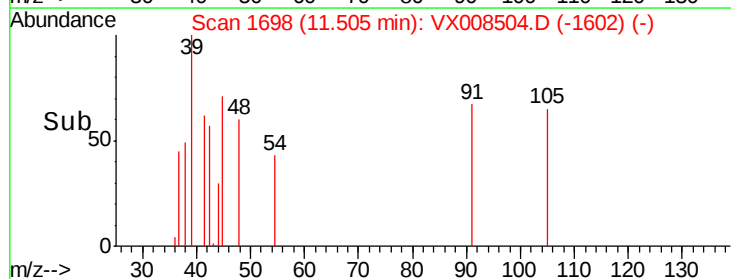
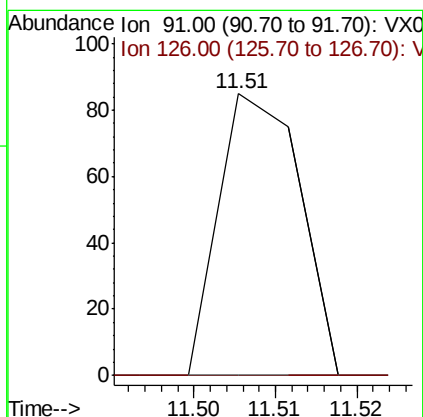
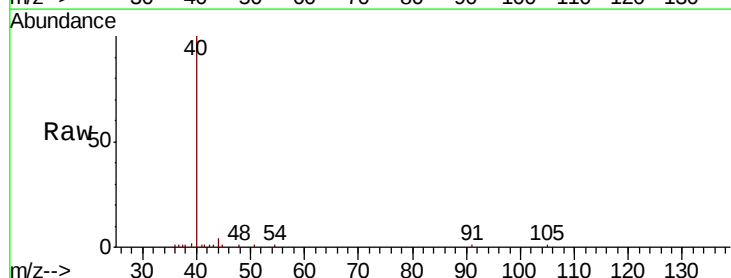
Acq: 27 Mar 2019 23:35

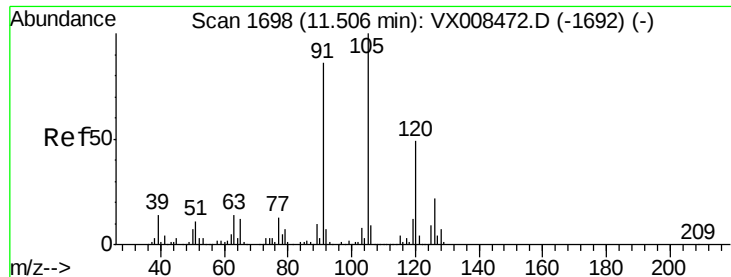
Tgt Ion: 91 Resp: 59

Ion Ratio Lower Upper

91 100

126 0.0 0.0 75.2





#76

1,3,5-Trimethylbenzene

Concen: 6.911 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

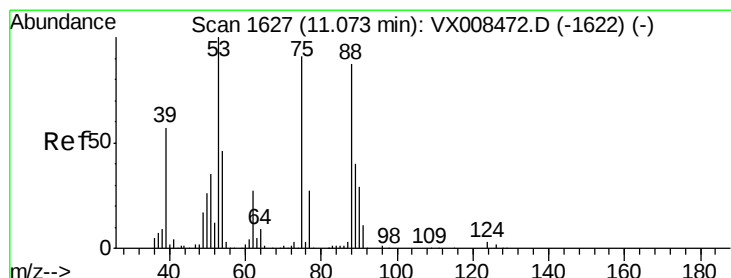
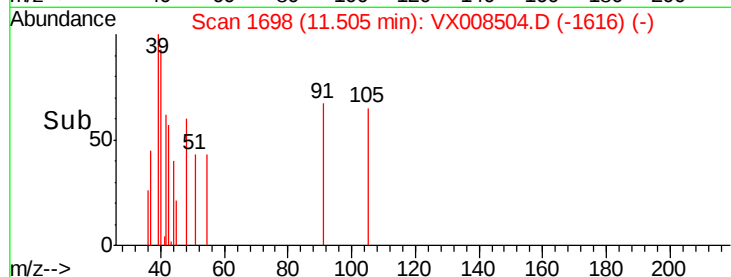
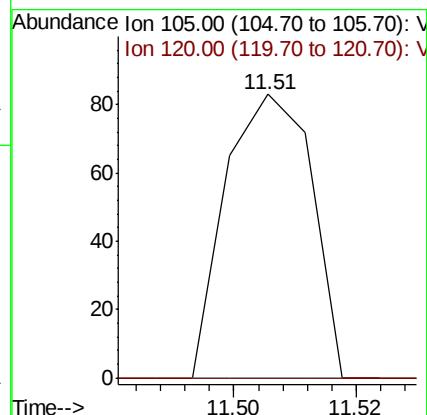
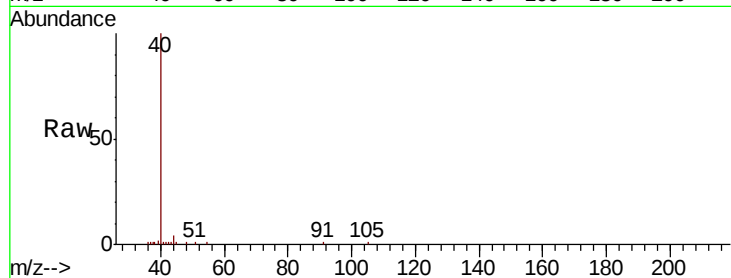
SEWER-OUTLET-02DL

Tot Ion:105 Resp: 80

Ion Ratio Lower Upper

105 100

120 0.0 0.0 101.0



#77

t-1,4-Dichloro-2-butene

Concen: 27486.171 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

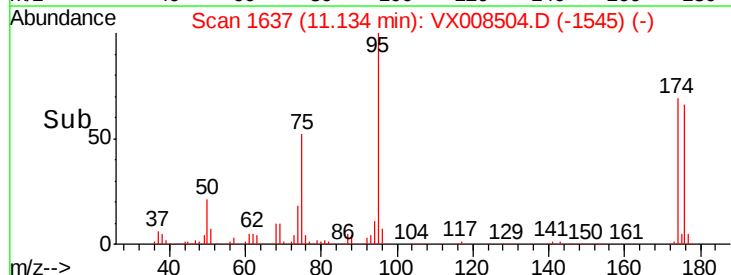
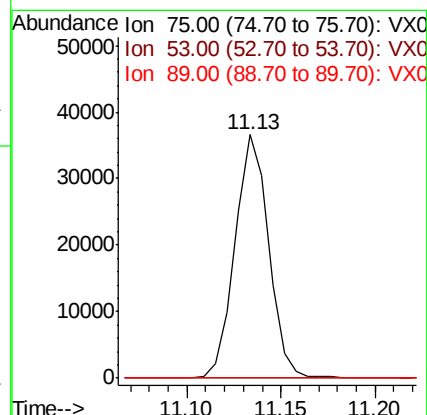
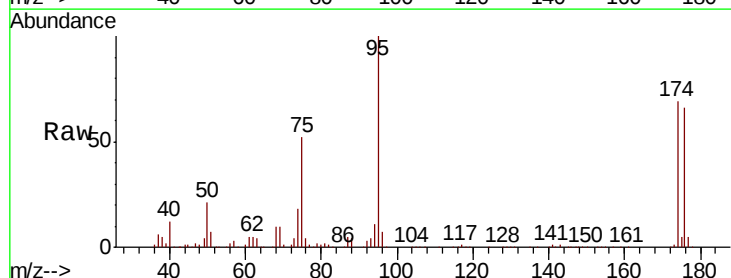
Tgt Ion: 75 Resp: 45079

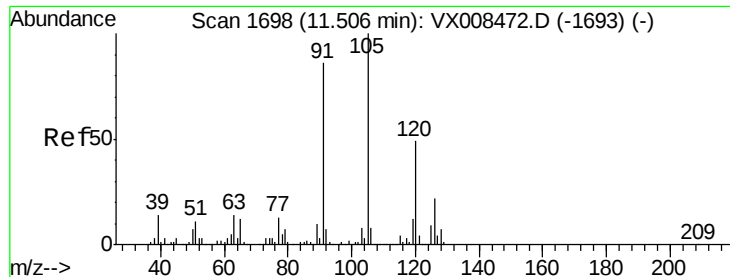
Ion Ratio Lower Upper

75 100

53 0.2 55.5 166.7#

89 0.0 24.4 73.2#





#78

4-Chlorotoluene

Concen: 5.342 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

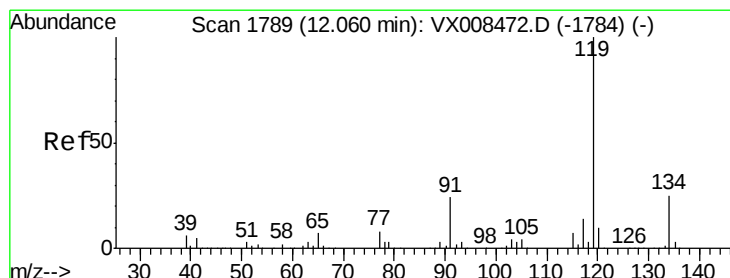
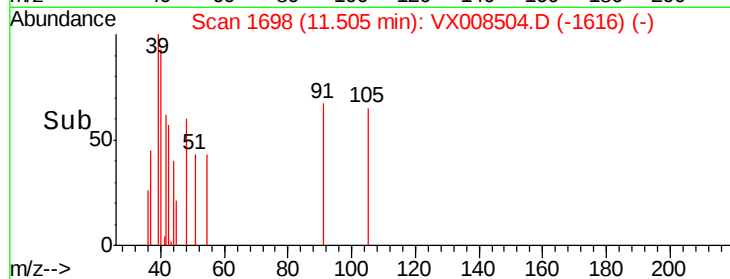
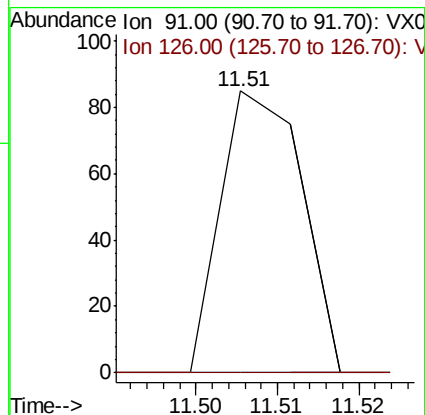
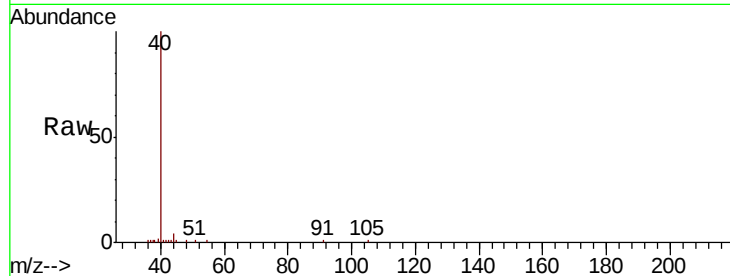
SEWER-OUTLET-02DL

Tot Ion: 91 Resp: 59

Ion Ratio Lower Upper

91 100

126 0.0 0.0 66.2



#79

tert-butylbenzene

Concen: 32.628 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

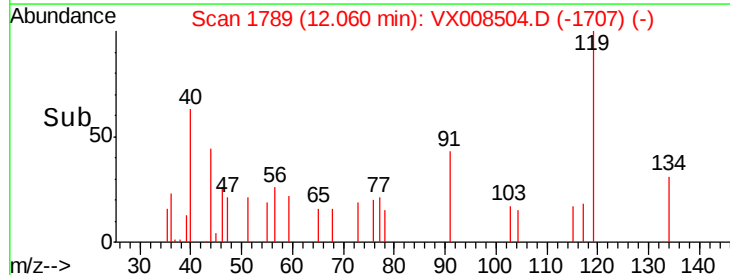
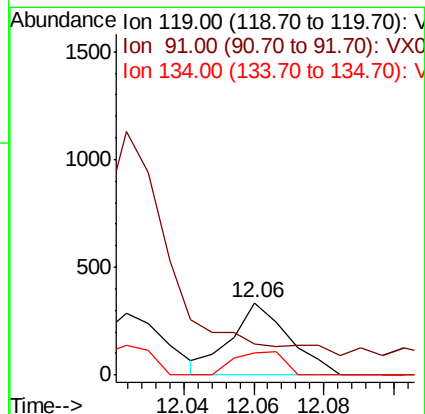
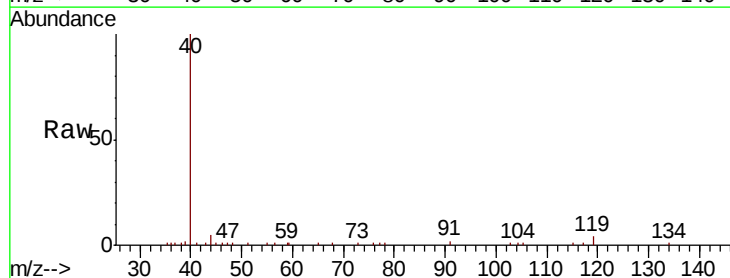
Tgt Ion: 119 Resp: 386

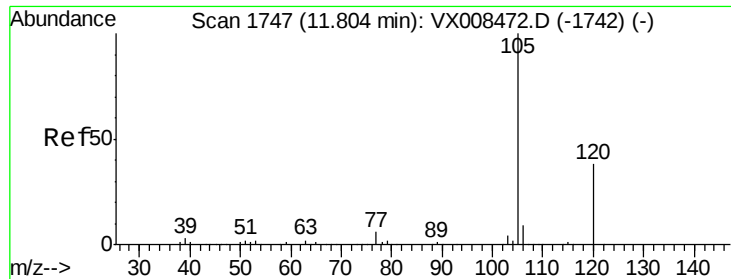
Ion Ratio Lower Upper

119 100

91 31.3 0.0 45.0

134 27.7 0.0 55.4

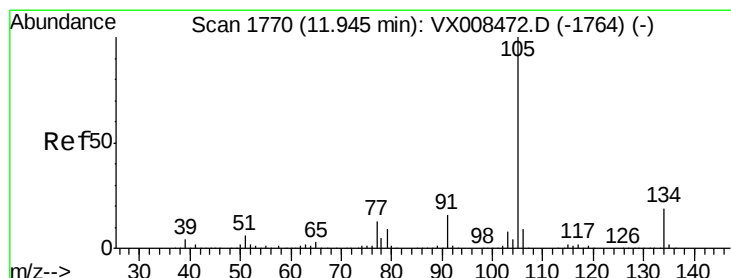
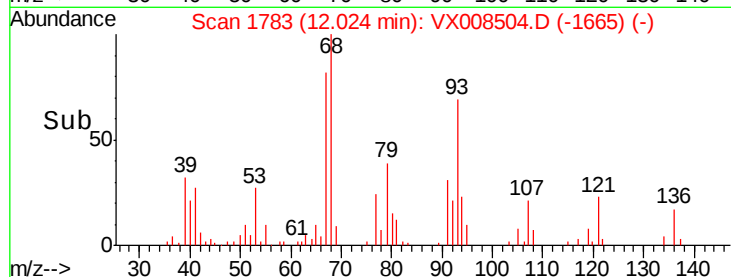
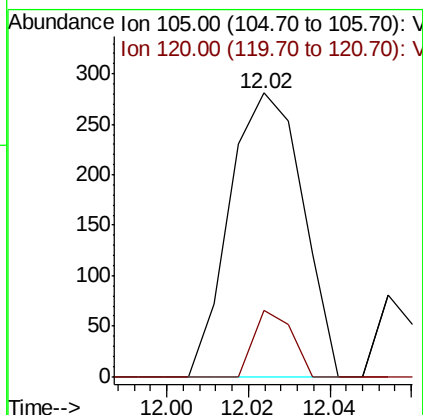
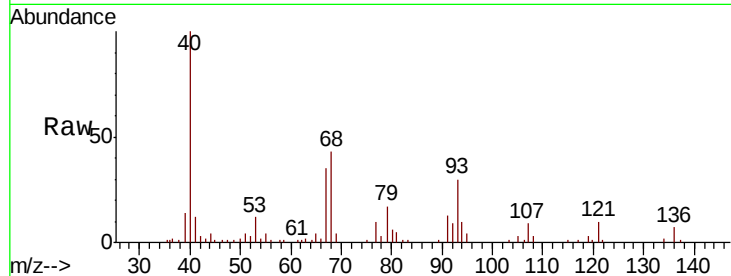




#80
 1,2,4-Trimethylbenzene
 Concen: 30.322 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.22 min
 Lab File: VX008504.D
 Acq: 27 Mar 2019 23:35

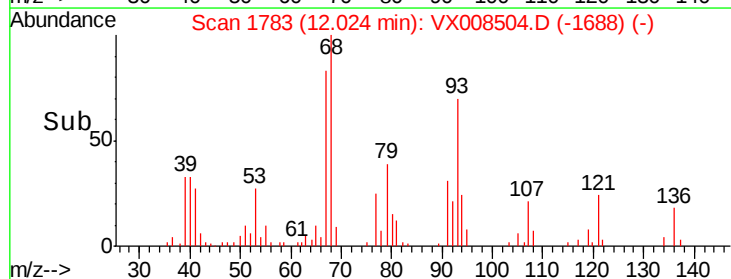
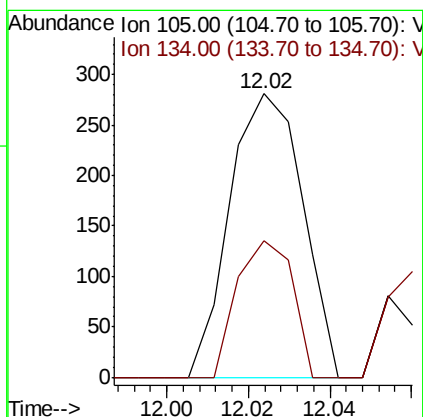
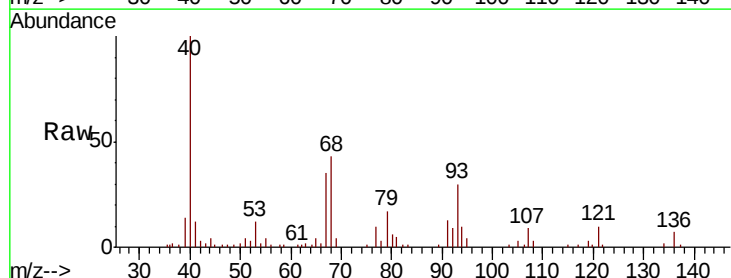
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02DL

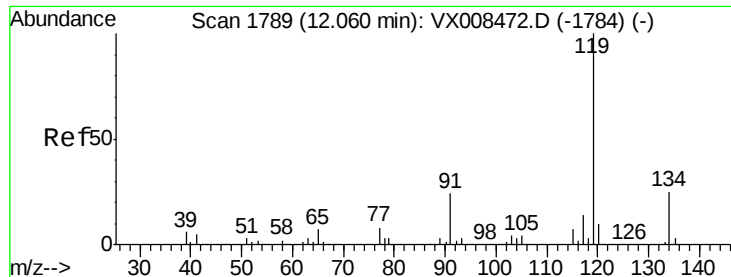
Tot Ion:105 Resp: 350
 Ion Ratio Lower Upper
 105 100
 120 12.3 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 26.462 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.08 min
 Lab File: VX008504.D
 Acq: 27 Mar 2019 23:35

Tgt Ion:105 Resp: 350
 Ion Ratio Lower Upper
 105 100
 134 36.9 0.0 41.8





#82

p-Isopropyltoluene

Concen: 32.628 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

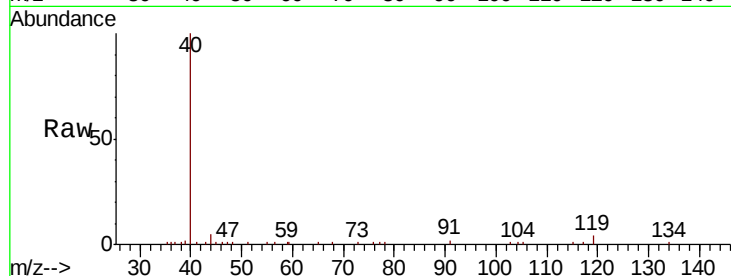
Tot Ion:119 Resp: 386

Ion Ratio Lower Upper

119 100

134 27.7 0.0 55.4

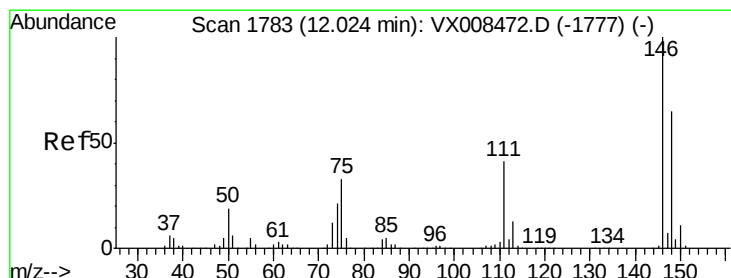
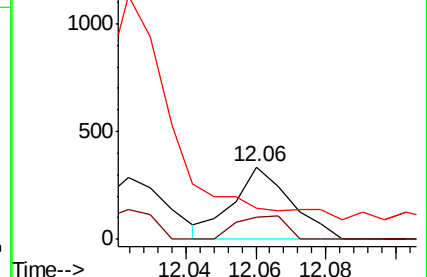
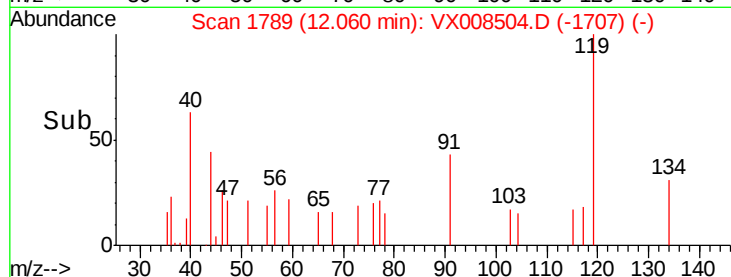
91 31.3 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



#83

1,3-Dichlorobenzene

Concen: 14.513 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.07 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

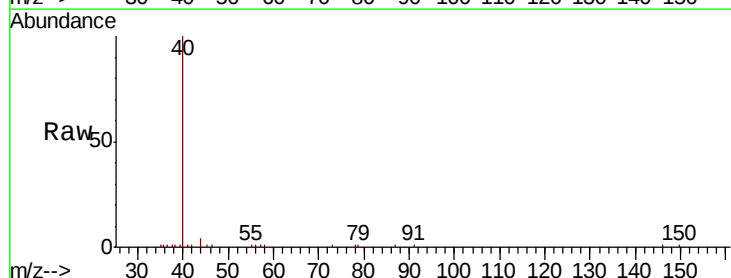
Tgt Ion:146 Resp: 83

Ion Ratio Lower Upper

146 100

111 95.2 18.8 56.3#

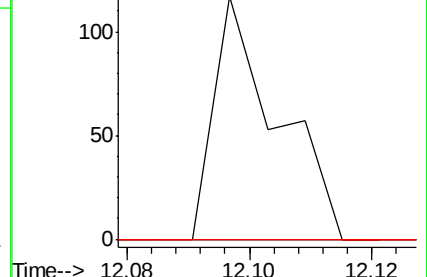
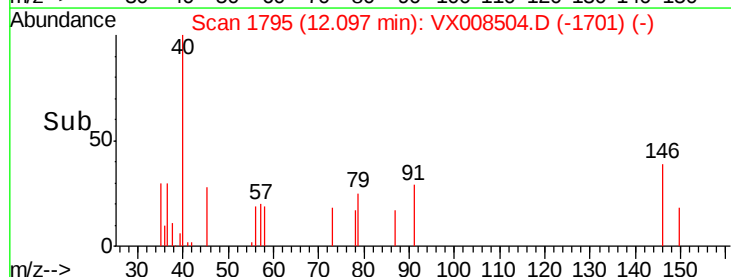
148 0.0 30.6 91.8#

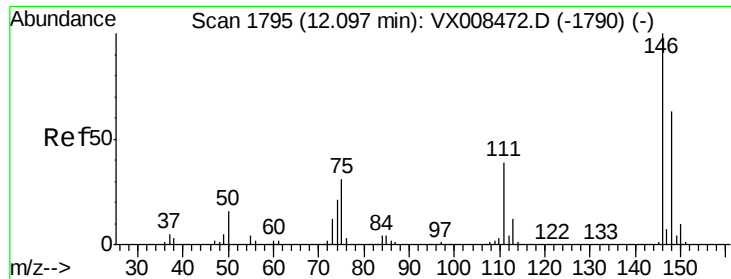


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 14.523 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

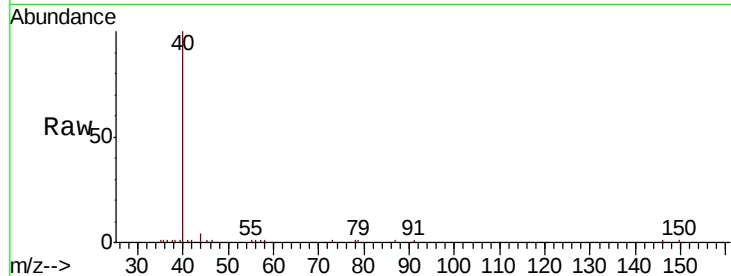
Tot Ion:146 Resp: 83

Ion Ratio Lower Upper

146 100

111 95.2 17.6 52.8#

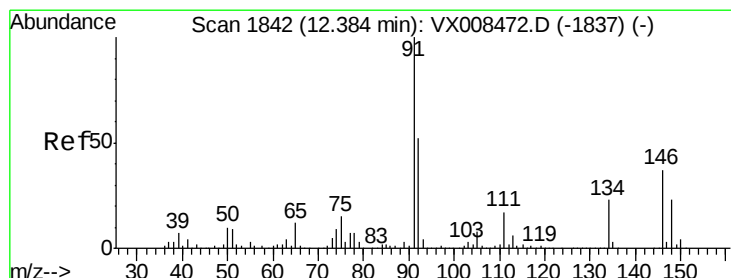
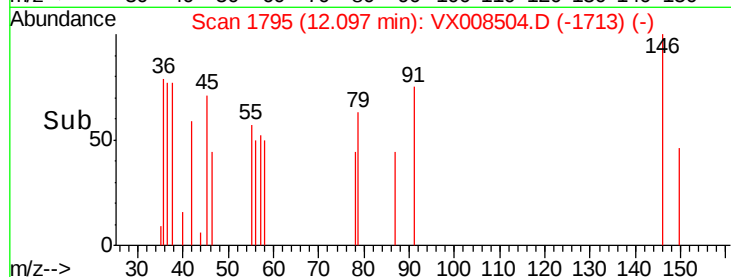
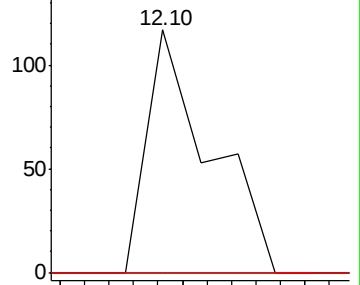
148 0.0 31.4 94.2#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 144.745 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.36 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

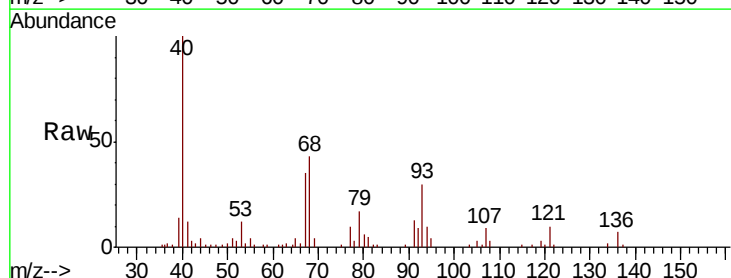
Tgt Ion: 91 Resp: 1627

Ion Ratio Lower Upper

91 100

92 60.0 0.0 105.2

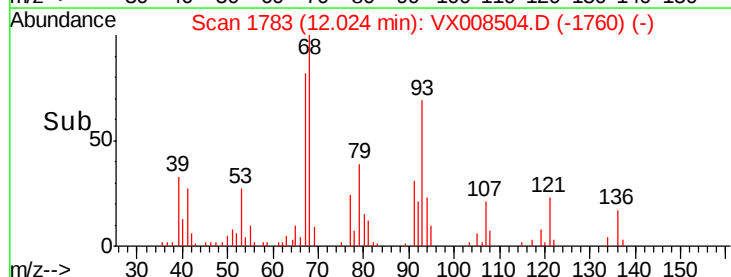
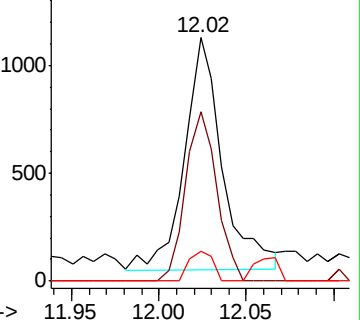
134 7.9 0.0 56.4

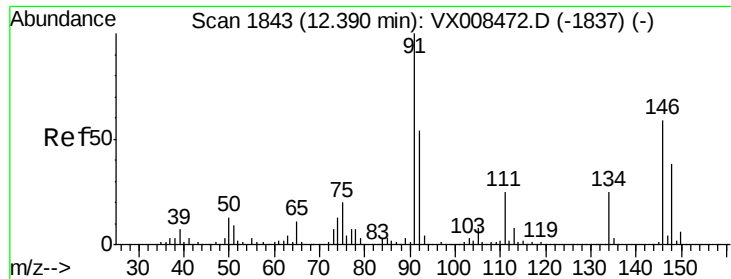


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#87

1,2-Dichlorobenzene

Concen: 14.403 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.29 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

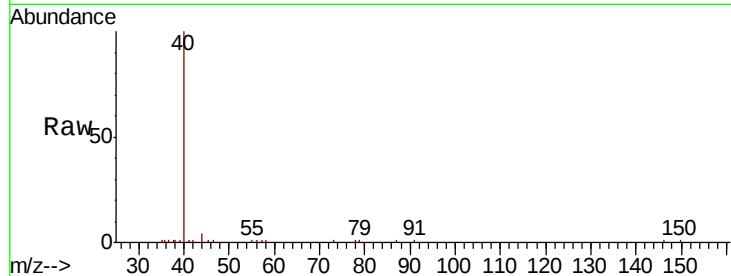
Tot Ion:146 Resp: 83

Ion Ratio Lower Upper

146 100

111 95.2 19.3 57.8#

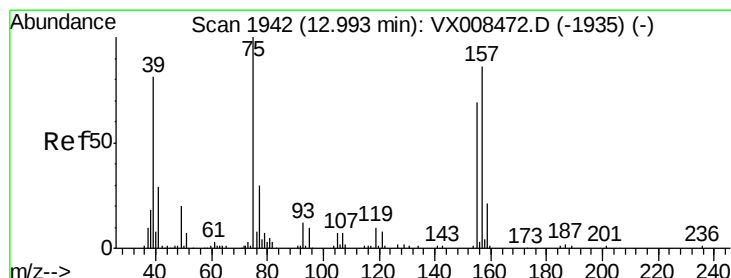
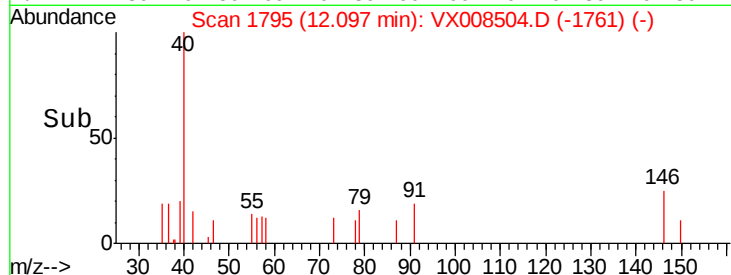
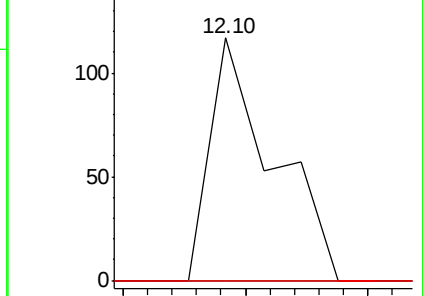
148 0.0 32.1 96.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 35.678 ug/l

RT: 12.85 min Scan# 1918

Delta R.T. -0.15 min

Lab File: VX008504.D

Acq: 27 Mar 2019 23:35

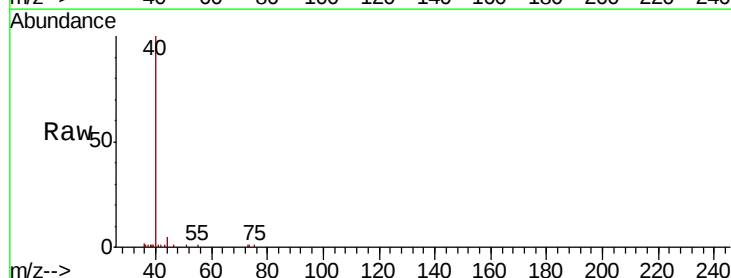
Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

155 0.0 81.0 121.6#

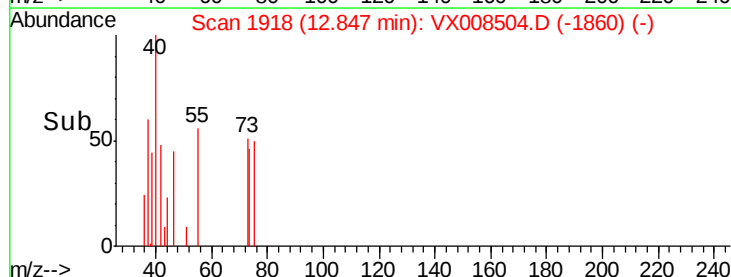
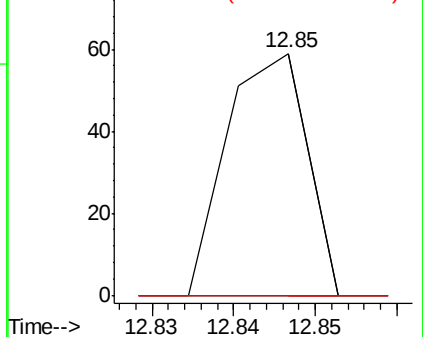
157 0.0 103.2 154.8#

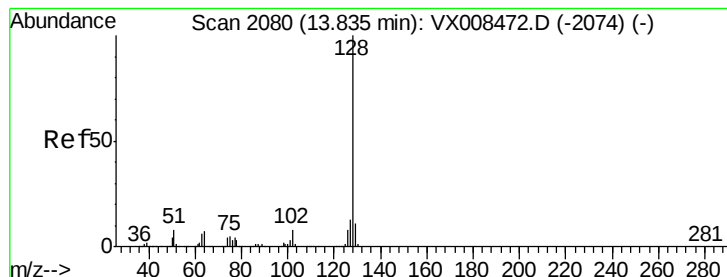


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#91
Naphthalene
Concen: 11.087 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008504.D
Acq: 27 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

