

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061719\
 Data File : VX010324.D
 Acq On : 17 Jun 2019 15:12
 Operator : JC/SP
 Sample : K3121-01 10X
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTEMEDL

Quant Time: Jun 17 15:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	313180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	469661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	436647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	140731	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.49	113	143303	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	561259	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.13	95	201949	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	470	0.463	ug/l #	47
6) Chloroethane	1.72	64	905	0.667	ug/l #	82
11) Tert butyl alcohol	3.01	59	3663	4.891	ug/l #	81
13) Acrolein	2.29	56	128	0.937	ug/l #	54
16) Acetone	2.44	43	897	0.624	ug/l	89
18) Methyl Acetate	2.78	43	2180	0.689	ug/l #	80
31) Cyclohexane	5.57	56	1400	0.315	ug/l #	84
36) 1,1-Dichloropropene	5.66	75	19056	4.973	ug/l #	52
38) Carbon Tetrachloride	5.66	117	26454	6.100	ug/l #	15
39) Methylcyclohexane	7.46	83	25461	4.880	ug/l #	81
48) Methyl methacrylate	7.73	41	2275	0.730	ug/l #	15
51) 4-Methyl-2-Pentanone	8.66	43	3526	0.885	ug/l #	39
52) Toluene	8.78	92	23143	2.971	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	33004	10.347	ug/l #	18
56) Ethyl methacrylate	9.16	69	6989	1.387	ug/l #	30
59) 2-Hexanone	9.45	43	27942	8.800	ug/l #	33
67) Ethyl Benzene	10.25	91	86247	5.622	ug/l	96
68) m/p-Xylenes	10.35	106	185287	31.210	ug/l	89
69) o-Xylene	10.69	106	109198	18.504	ug/l	90
70) Styrene	10.69	104	5658	0.566	ug/l #	1
73) Isopropylbenzene	11.02	105	74514	4.944	ug/l	95
74) N-amyl acetate	10.91	43	36591	6.142	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	26303	5.099	ug/l #	25
76) 1,2,3-Trichloropropane	11.43	75	7046	1.632	ug/l #	1
78) n-propylbenzene	11.36	91	220339	13.132	ug/l	95
79) 2-Chlorotoluene	11.43	91	107129	10.631	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	282113	22.224	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	92002	47.072	ug/l #	14
82) 4-Chlorotoluene	11.51	91	30305	2.647	ug/l #	51
83) tert-Butylbenzene	11.80	119	124662	9.703	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.80	105	972603	75.855	ug/l	95
85) sec-Butylbenzene	11.94	105	180349	12.049	ug/l	85
86) p-Isopropyltoluene	12.06	119	94637	6.916	ug/l	96
89) n-Butylbenzene	12.38	91	311954	26.484	ug/l #	41

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Response via : Initial Calibration

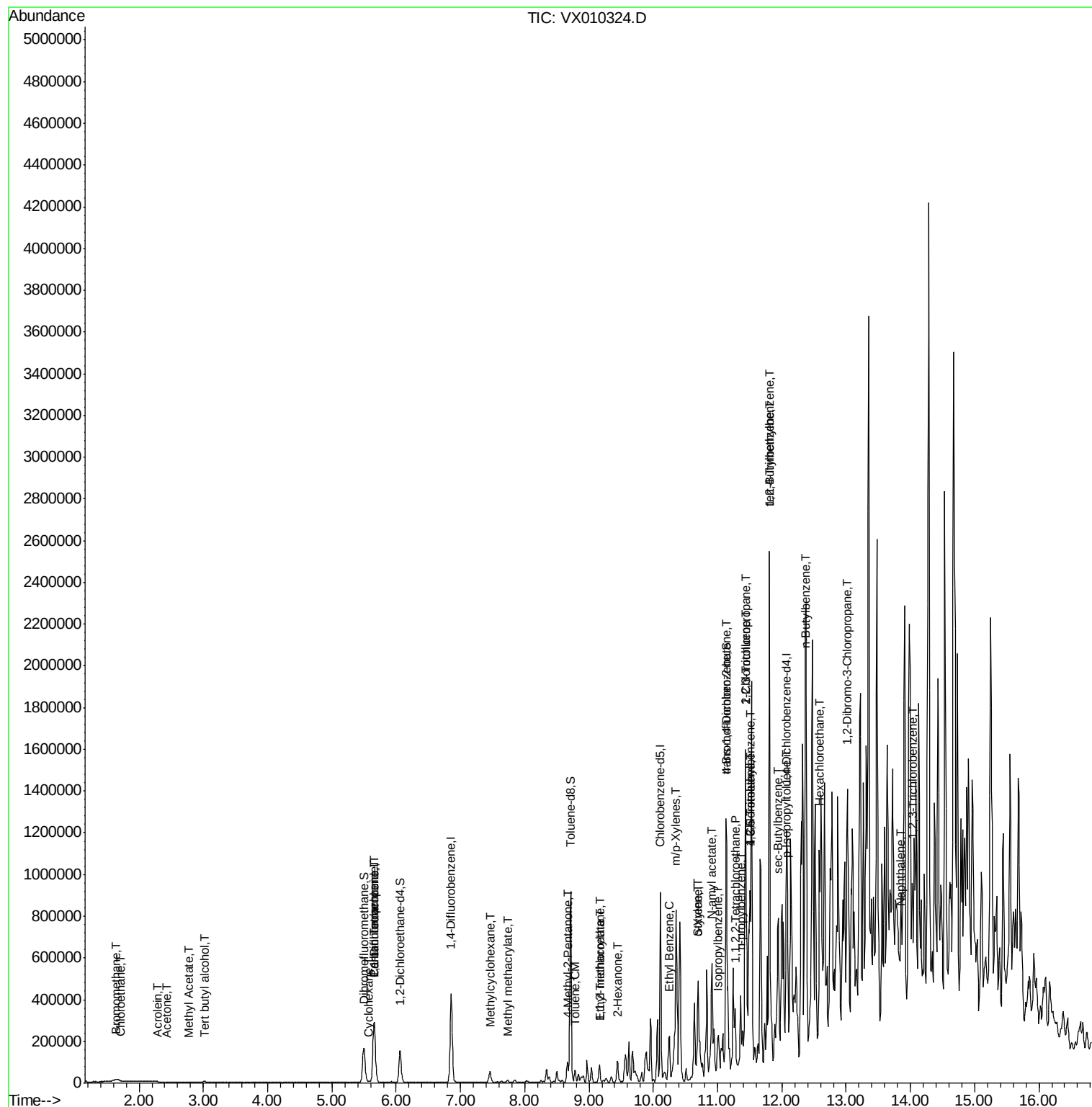
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	35218	12.920	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2922	2.407	ug/l #	26
95) Naphthalene	13.83	128	157466	9.629	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.04	180	6464	1.258	ug/l #	1

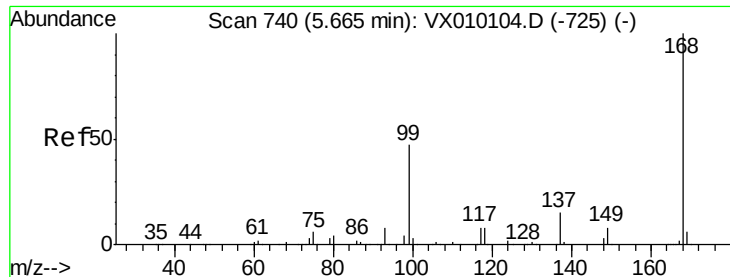
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

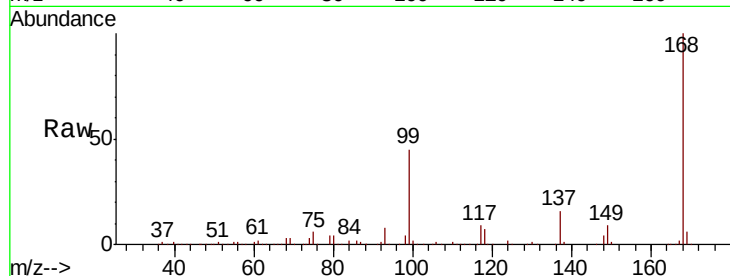
WASTEMEDL

Tgt Ion:168 Resp: 313180

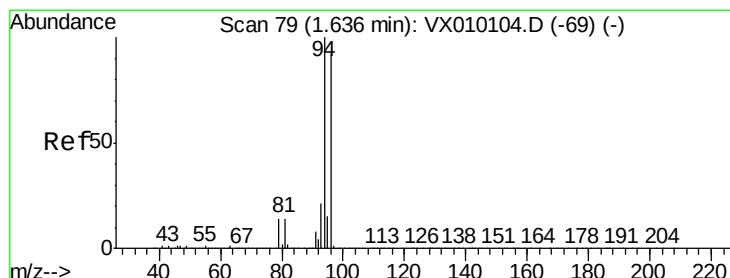
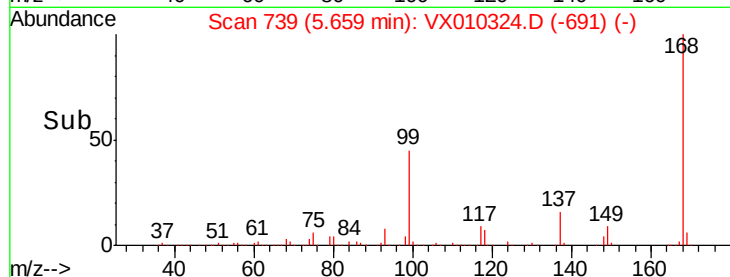
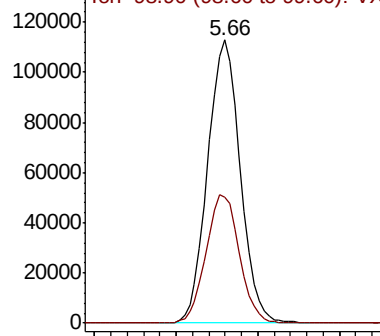
Ion Ratio Lower Upper

168 100

99 44.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX010104.D (-725) (-)



#5

Bromomethane

Concen: 0.463 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010324.D

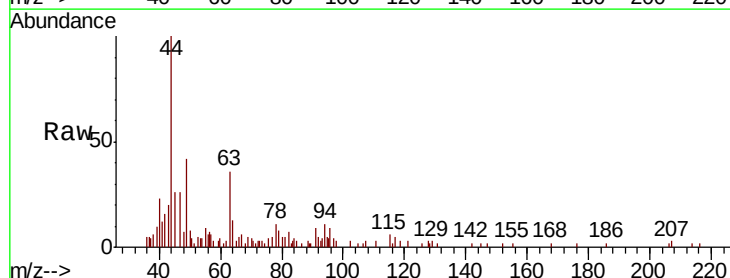
Acq: 17 Jun 2019 15:12

Tgt Ion: 94 Resp: 470

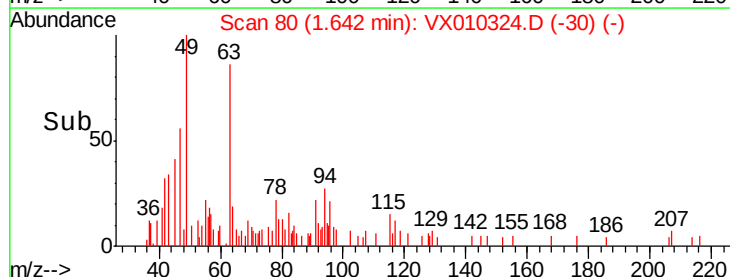
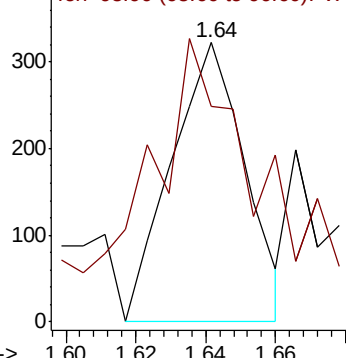
Ion Ratio Lower Upper

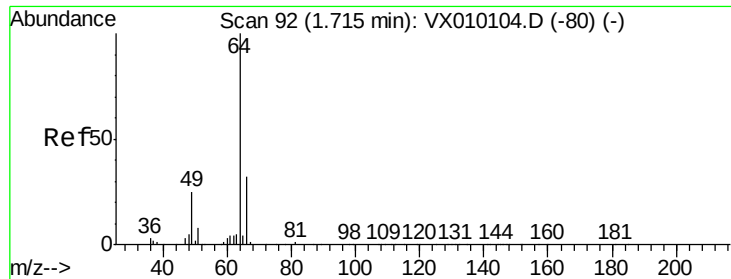
94 100

96 43.8 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX010104.D (-69) (-)





#6

Chloroethane

Concen: 0.667 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

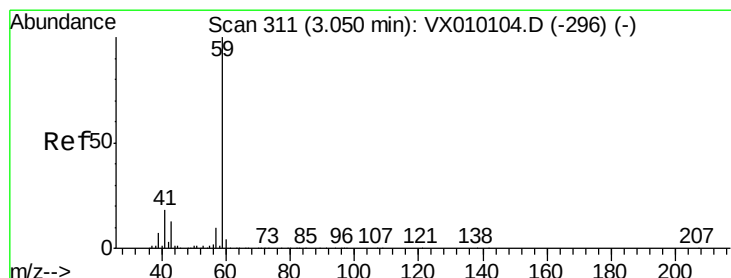
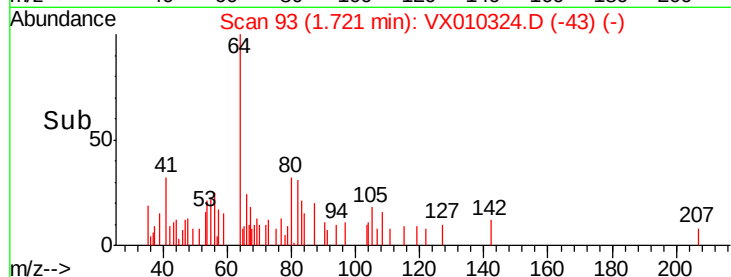
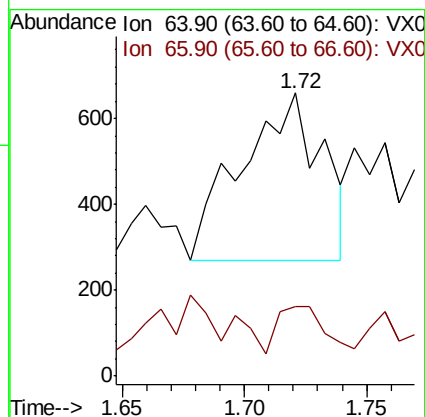
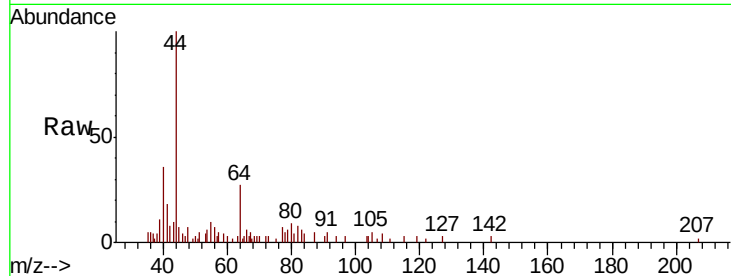
WASTEMEDL

Tgt Ion: 64 Resp: 905

Ion Ratio Lower Upper

64 100

66 21.2 25.1 37.7#



#11

Tert butyl alcohol

Concen: 4.891 ug/l

RT: 3.01 min Scan# 304

Delta R.T. -0.04 min

Lab File: VX010324.D

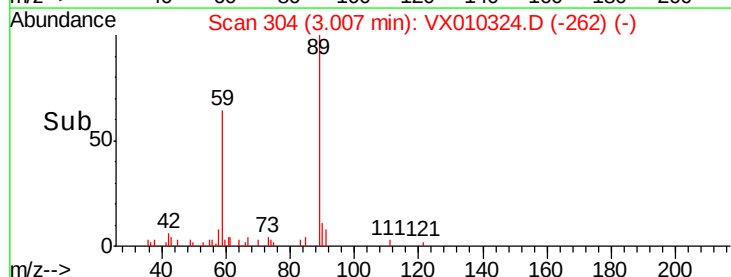
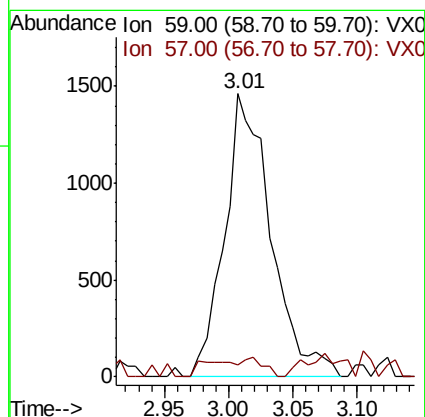
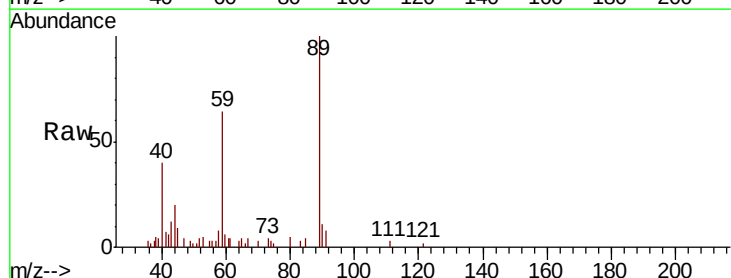
Acq: 17 Jun 2019 15:12

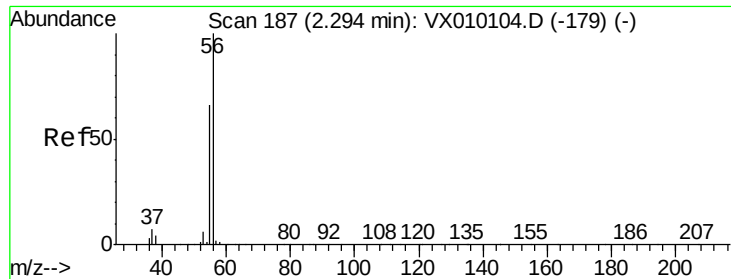
Tgt Ion: 59 Resp: 3663

Ion Ratio Lower Upper

59 100

57 3.0 8.2 12.2#





#13

Acrolein

Concen: 0.937 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampleID :

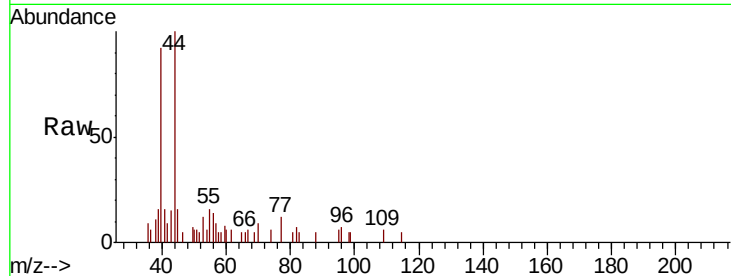
WASTEMEDL

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

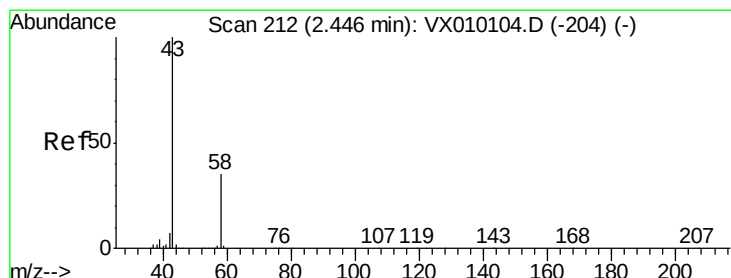
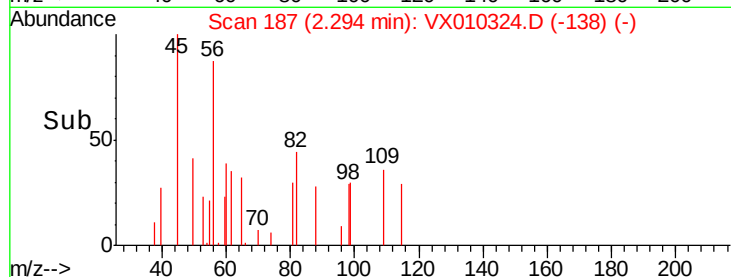
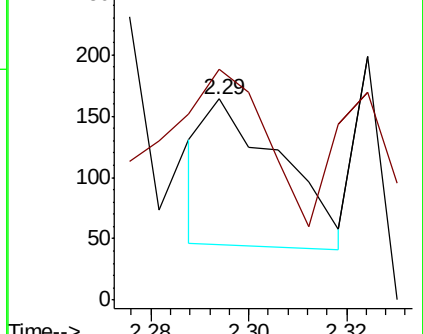
56 100

55 109.4 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.624 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010324.D

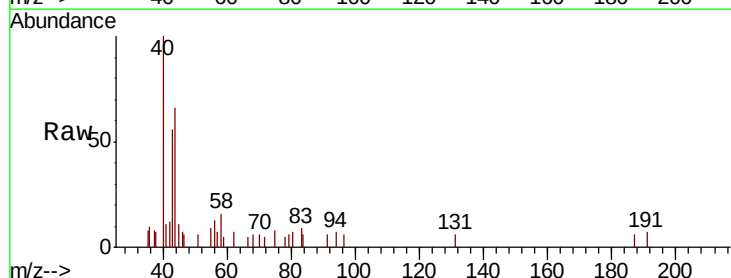
Acq: 17 Jun 2019 15:12

Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

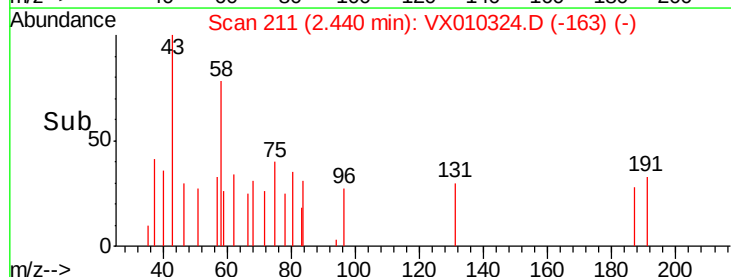
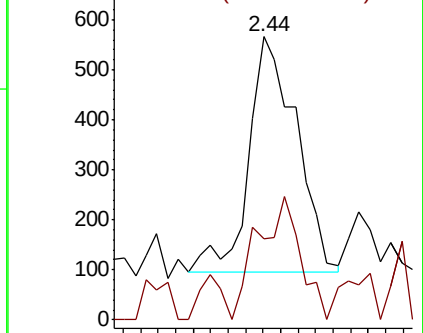
43 100

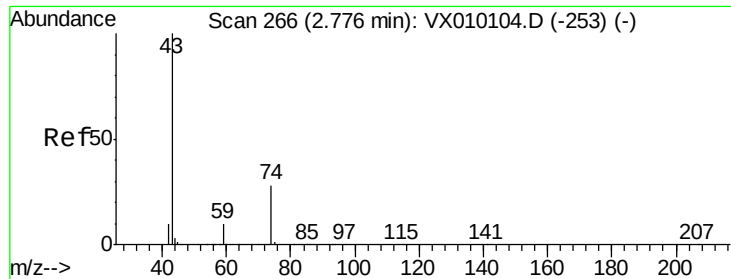
58 34.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

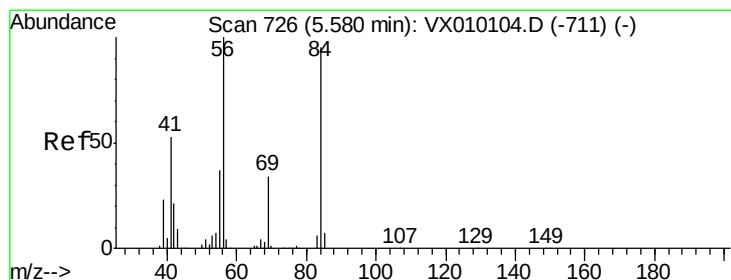
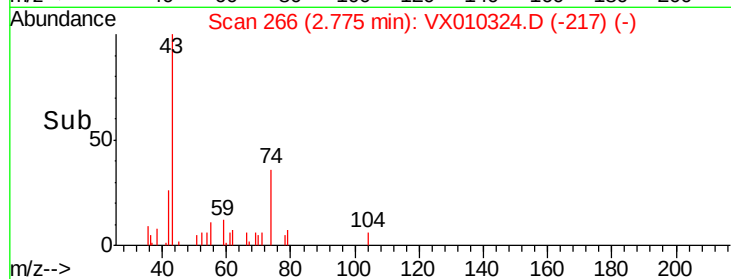
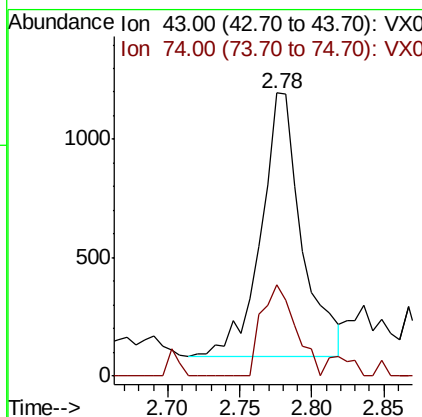
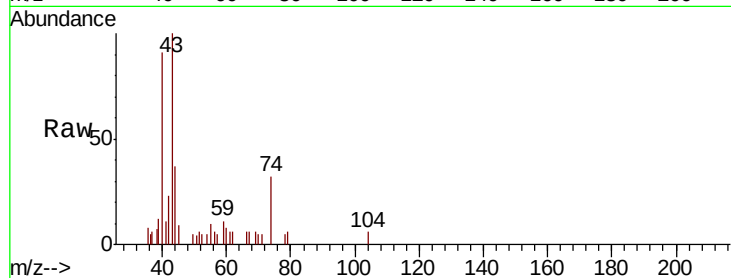




#18
Methyl Acetate
Concen: 0.689 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

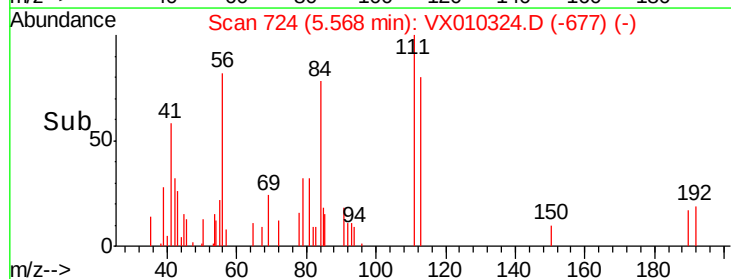
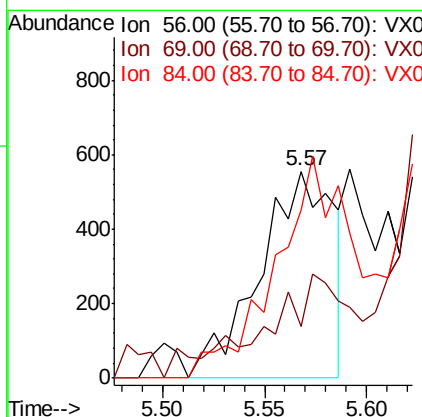
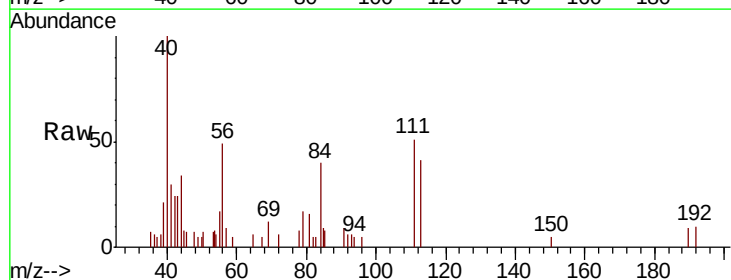
Instrument :
MSVOA_X
ClientSampled :
WASTEMEDL

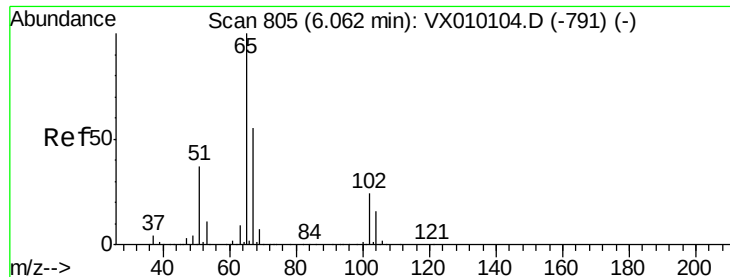
Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
74 28.8 15.8 23.6#



#31
Cyclohexane
Concen: 0.315 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 56 Resp: 1400
Ion Ratio Lower Upper
56 100
69 14.9 21.6 32.4#
84 81.5 56.8 85.2

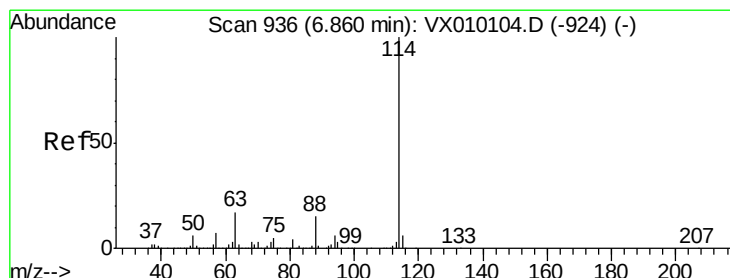
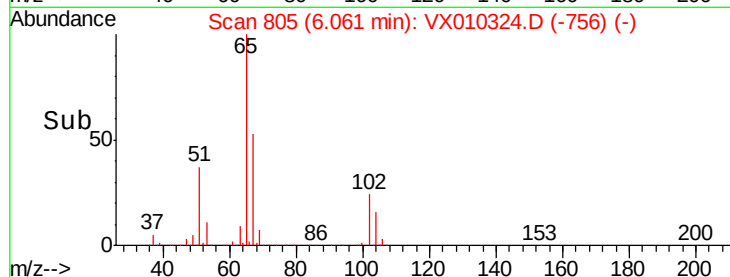
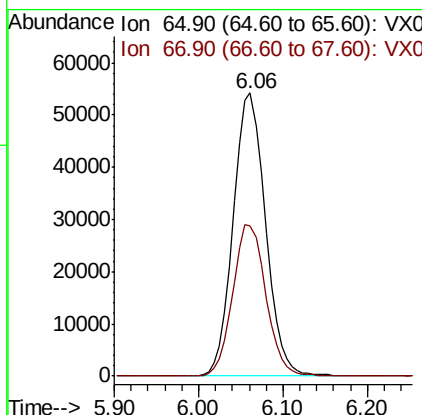
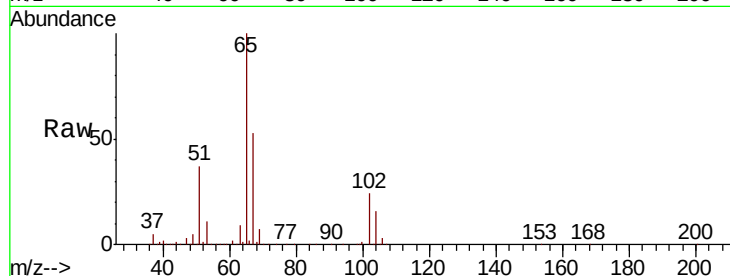




#33
 1,2-Dichloroethane-d4
 Concen: 46.036 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

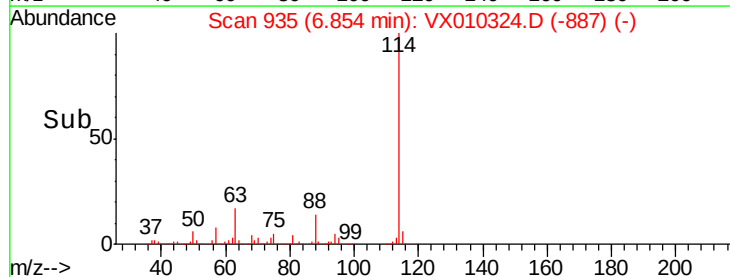
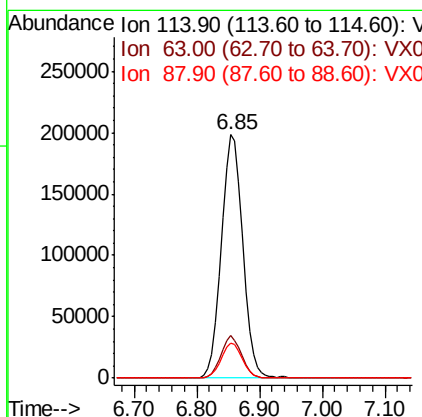
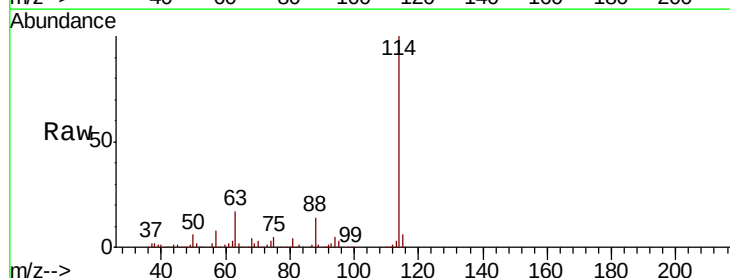
Instrument :
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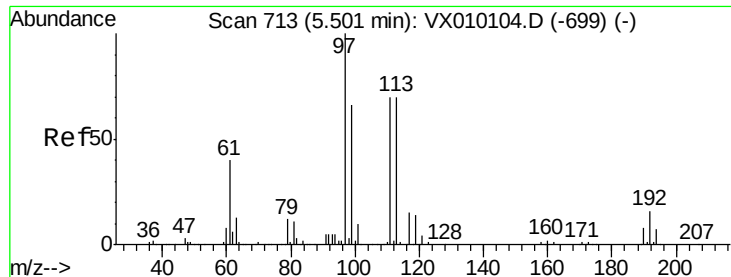
Tgt Ion: 65 Resp: 140731
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

Tgt Ion: 114 Resp: 469661
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 47.4
 88 14.4 0.0 33.0

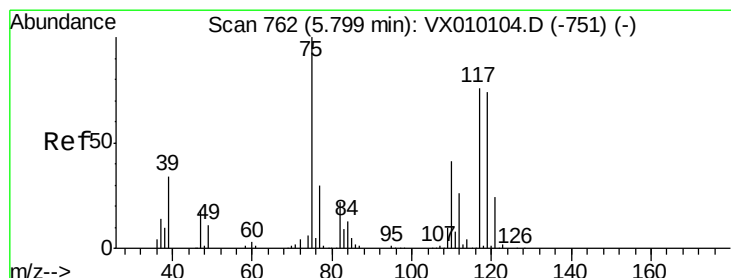
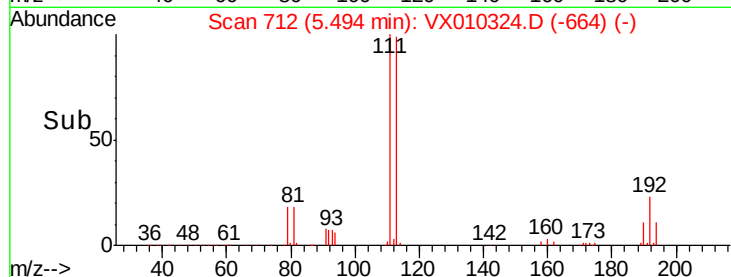
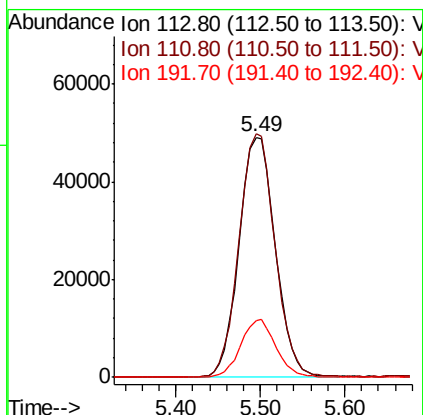
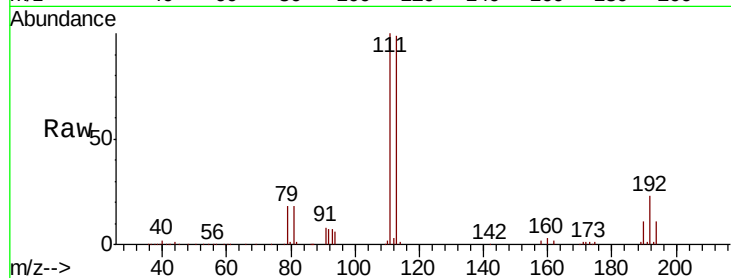




#35
Dibromofluoromethane
Concen: 49.466 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

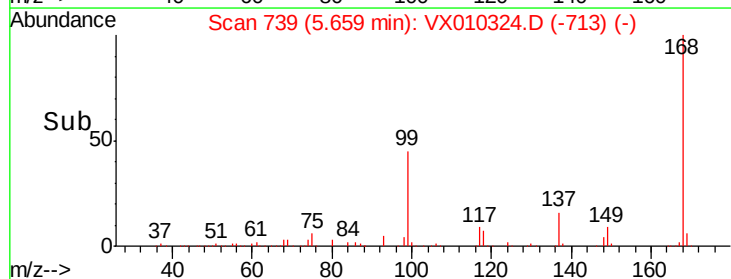
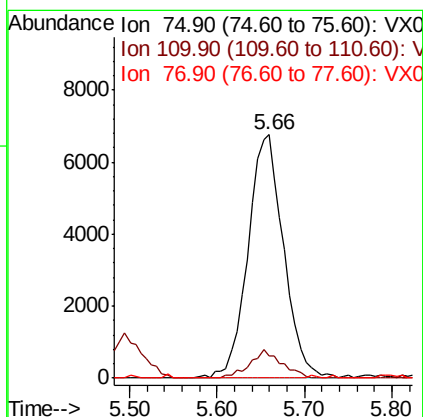
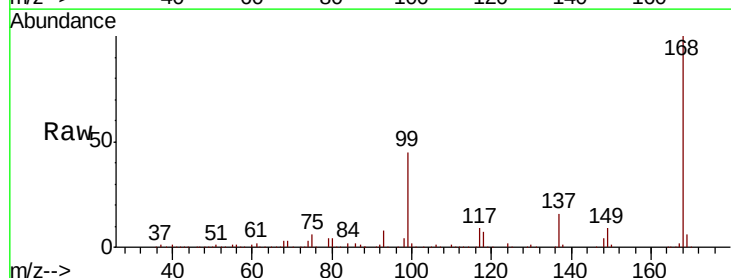
Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

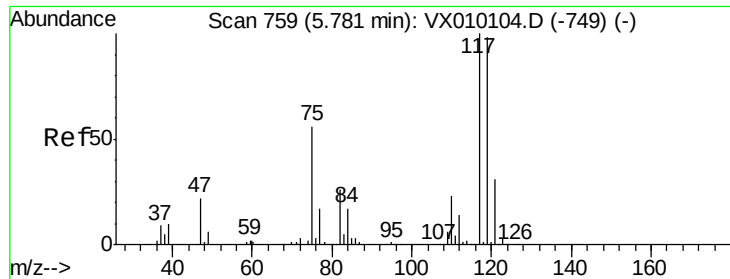
Tgt Ion:113 Resp: 143303
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 23.3 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 75 Resp: 19056
Ion Ratio Lower Upper
75 100
110 10.3 16.7 50.1#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.100 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

WASTEMEDL

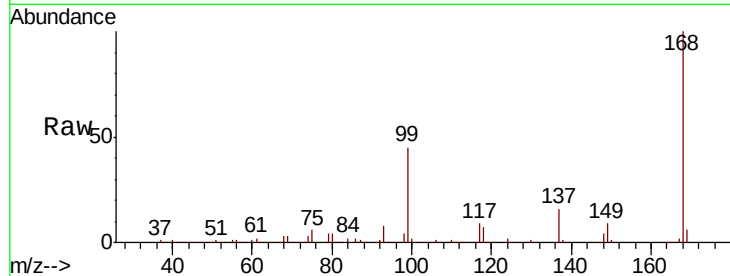
Tgt Ion:117 Resp: 26454

Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

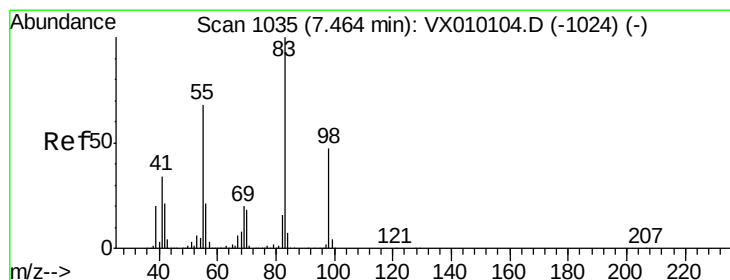
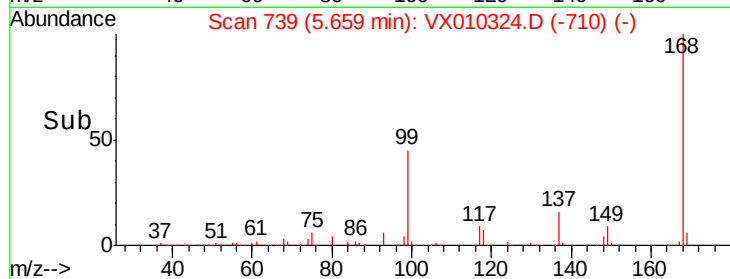
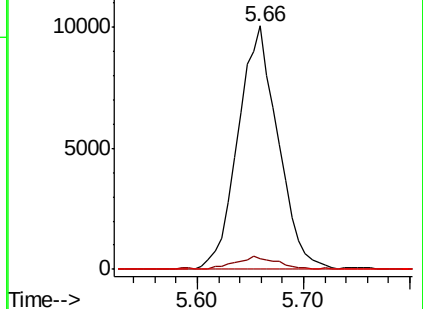
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.880 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

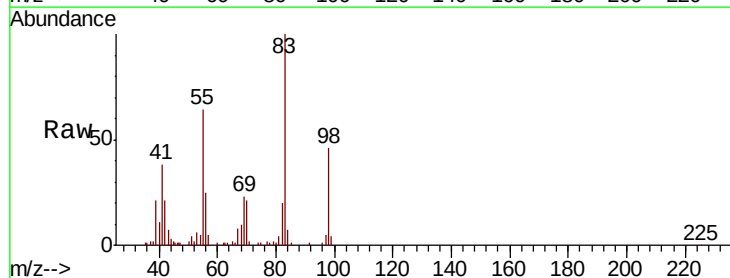
Tgt Ion: 83 Resp: 25461

Ion Ratio Lower Upper

83 100

55 62.7 69.9 104.9#

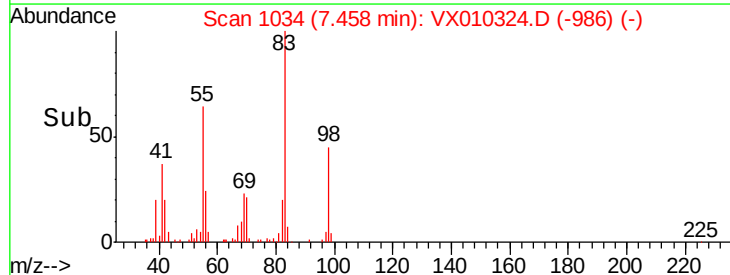
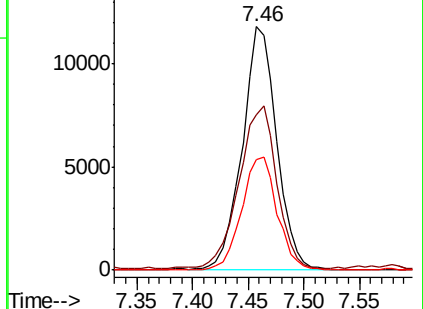
98 45.5 35.1 52.7

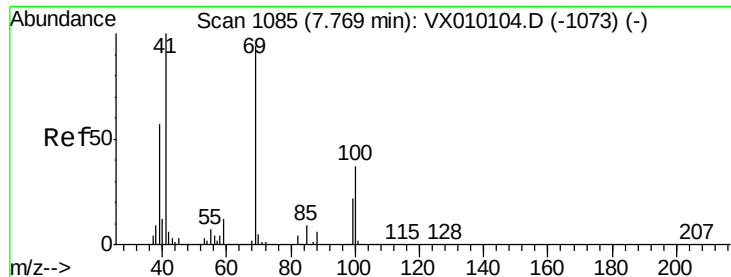


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

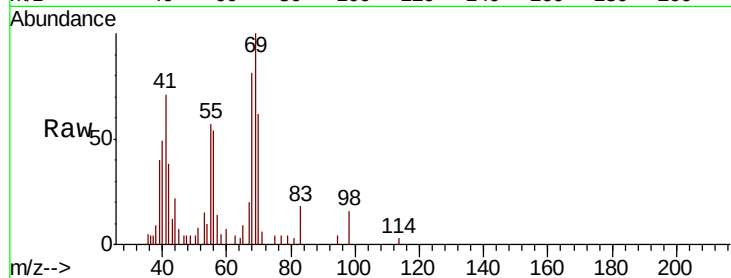




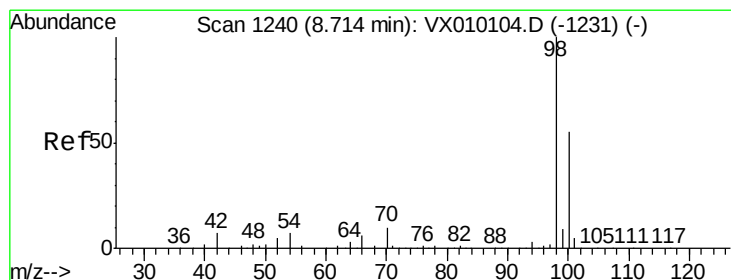
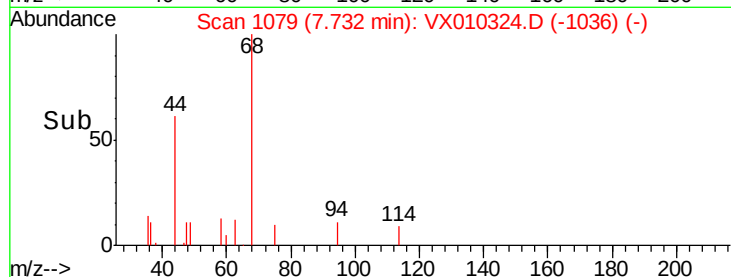
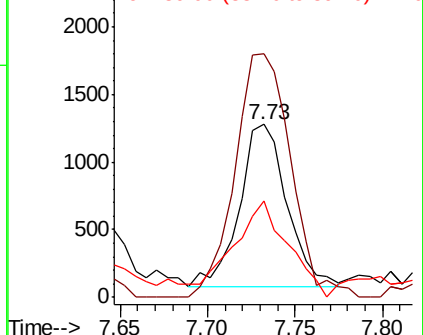
#48
Methyl methacrylate
Concen: 0.730 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

Tgt Ion: 41 Resp: 2275
Ion Ratio Lower Upper
41 100
69 175.1 56.4 84.6#
39 68.7 40.6 60.8#

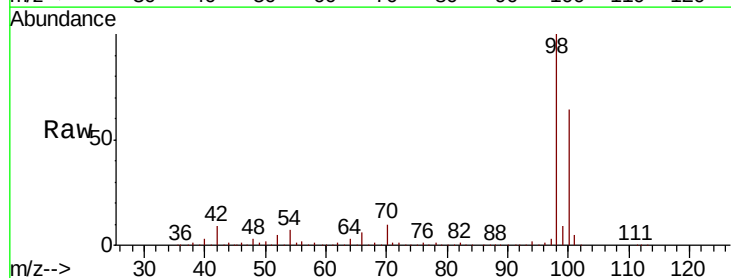


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

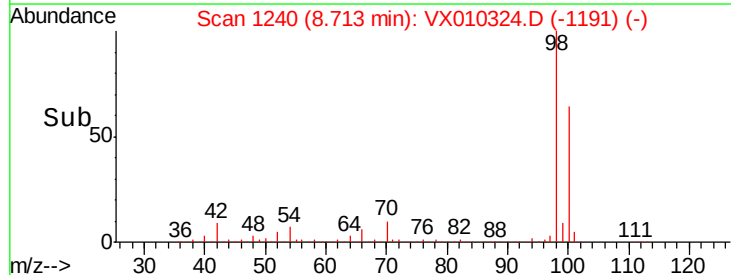
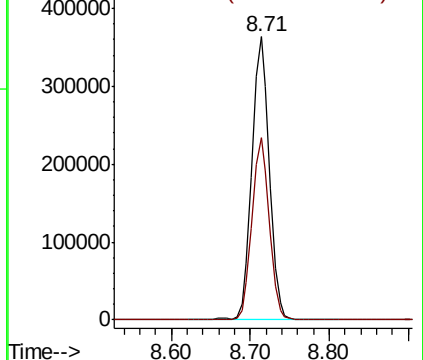


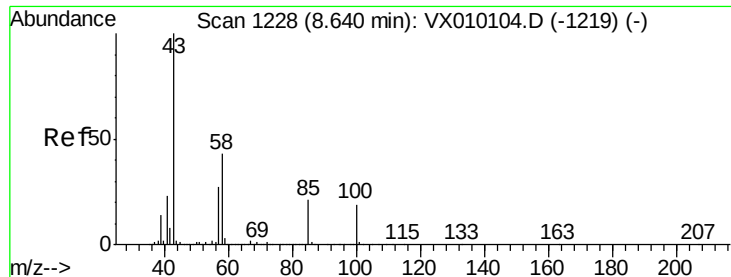
#50
Toluene-d8
Concen: 51.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 98 Resp: 561259
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.885 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

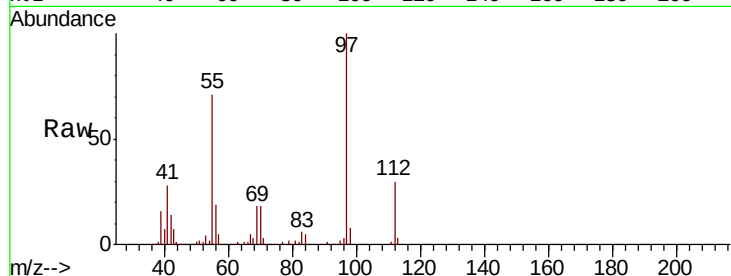
WASTEMEDL

Tgt Ion: 43 Resp: 3526

Ion Ratio Lower Upper

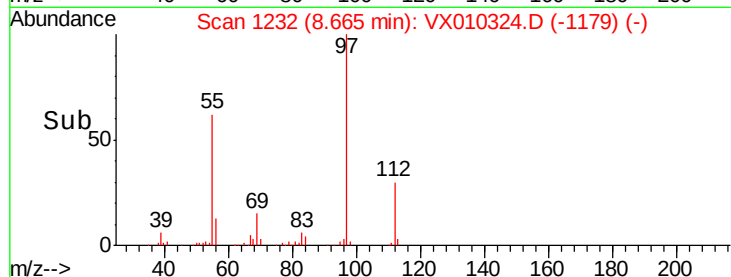
43 100

58 0.0 28.8 43.2#

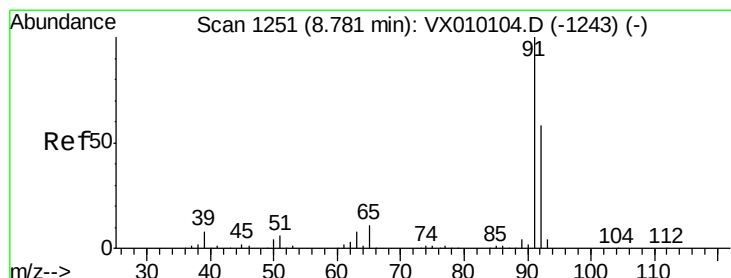


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 2.971 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010324.D

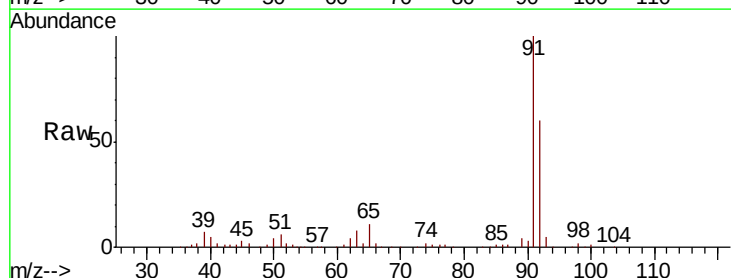
Acq: 17 Jun 2019 15:12

Tgt Ion: 92 Resp: 23143

Ion Ratio Lower Upper

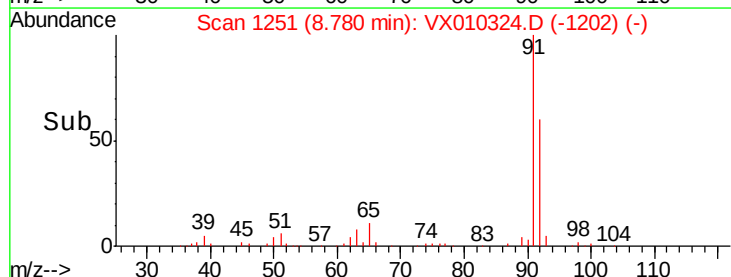
92 100

91 170.2 139.9 209.9

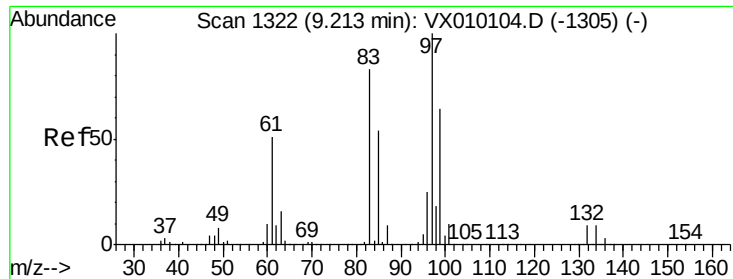


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



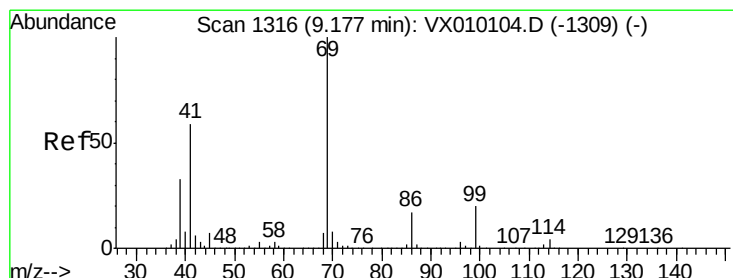
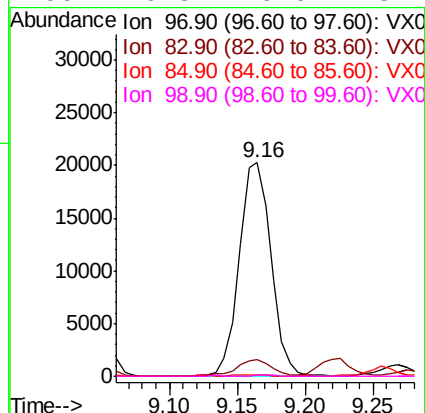
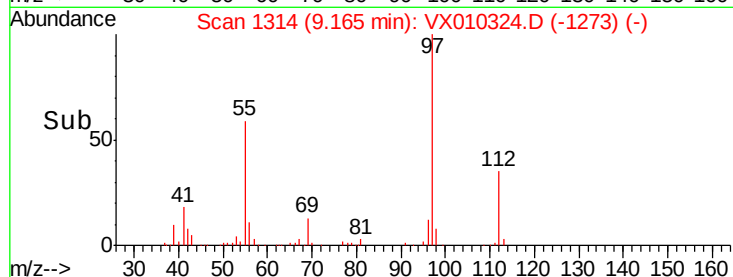
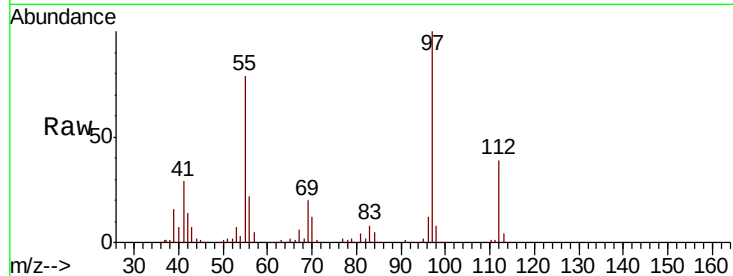
Time-->



#55
 1,1,2-Trichloroethane
 Concen: 10.347 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

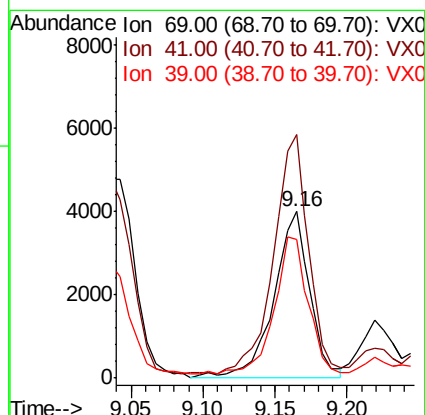
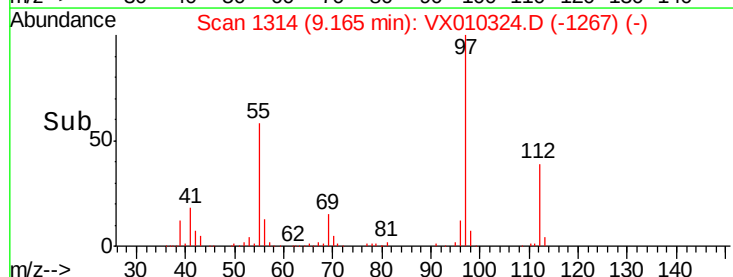
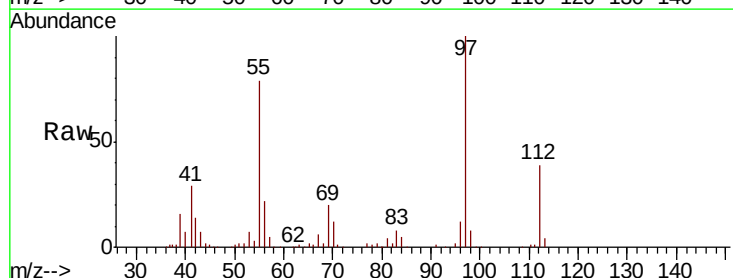
Instrument :
 MSVOA_X
 ClientSampled :
 WASTEMEDL

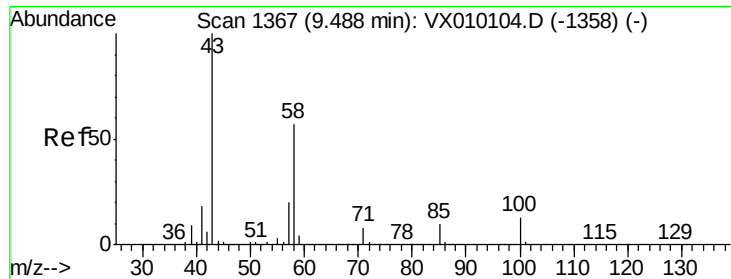
Tgt Ion: 97 Resp: 33004
 Ion Ratio Lower Upper
 97 100
 83 7.6 69.8 104.8#
 85 0.5 45.3 67.9#
 99 0.3 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 1.387 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

Tgt Ion: 69 Resp: 6989
 Ion Ratio Lower Upper
 69 100
 41 141.0 62.7 94.1#
 39 75.8 29.5 44.3#

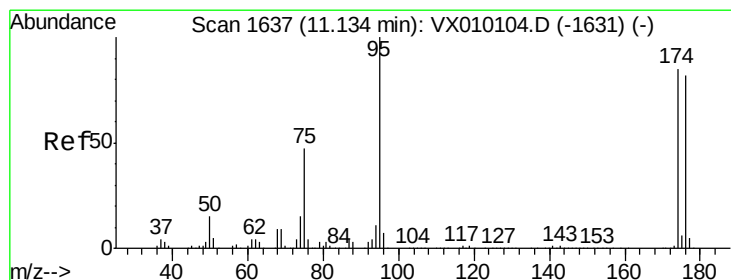
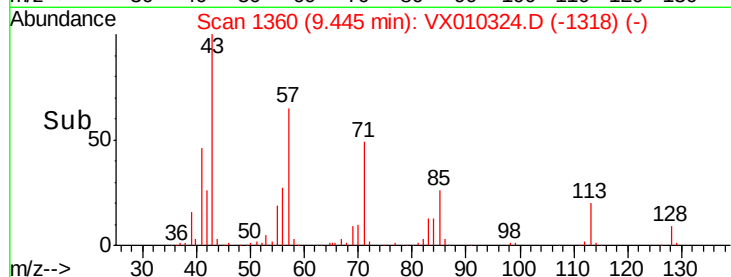
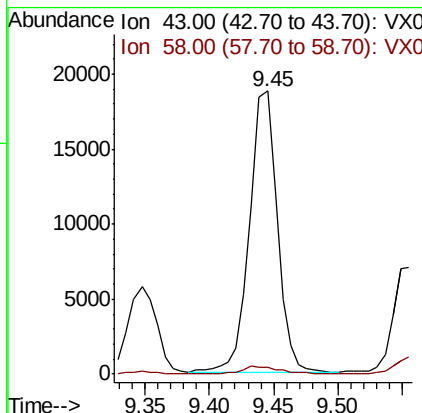
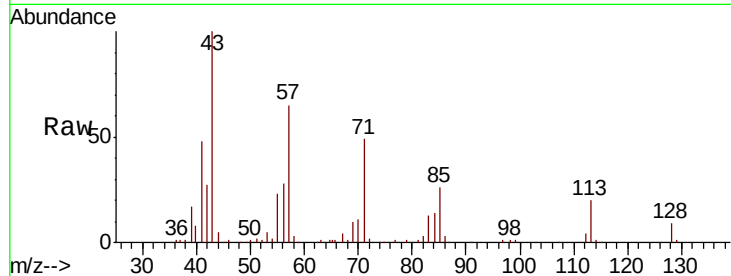




#59
2-Hexanone
Concen: 8.800 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

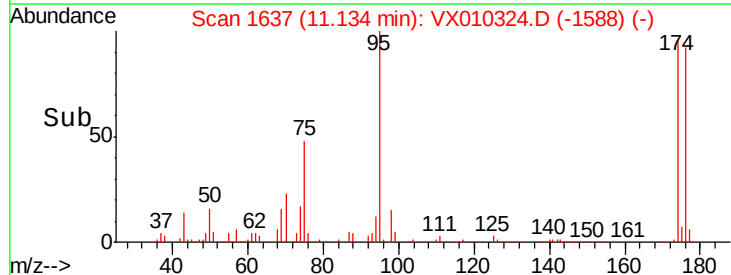
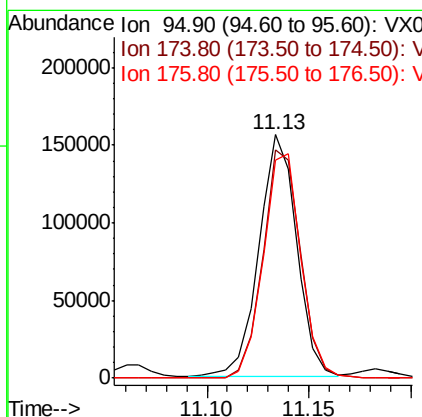
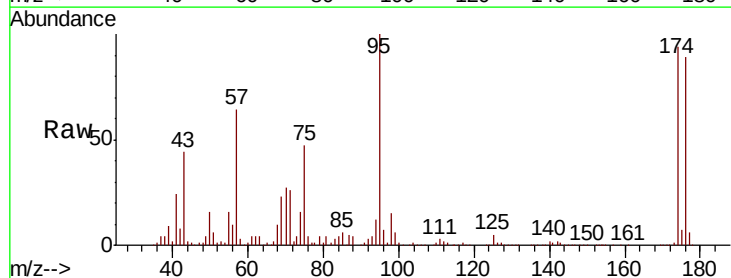
Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

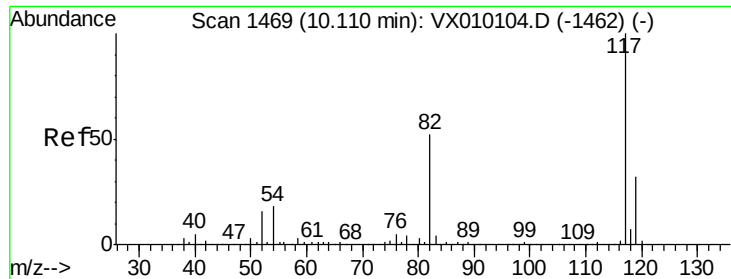
Tgt Ion: 43 Resp: 27942
Ion Ratio Lower Upper
43 100
58 3.8 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 95 Resp: 201949
Ion Ratio Lower Upper
95 100
174 93.9 0.0 160.4
176 92.3 0.0 154.6

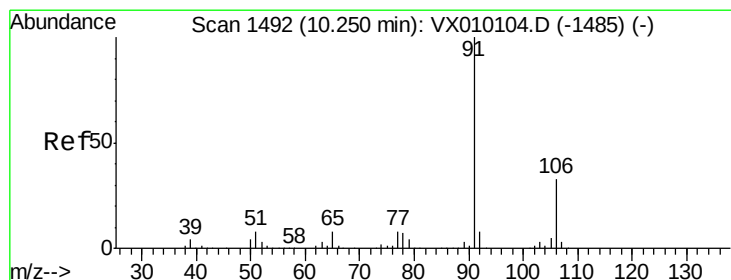
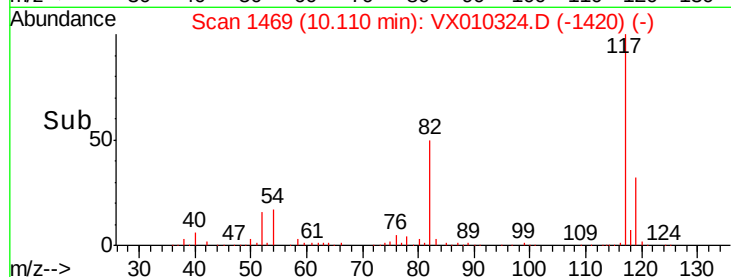
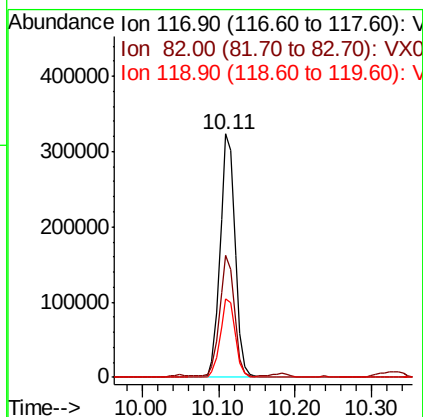
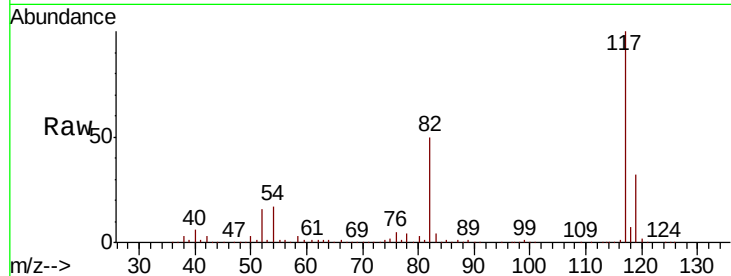




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

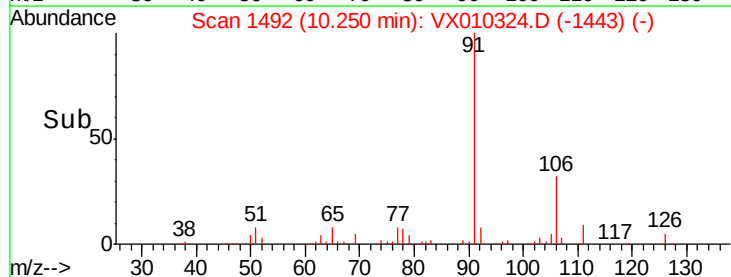
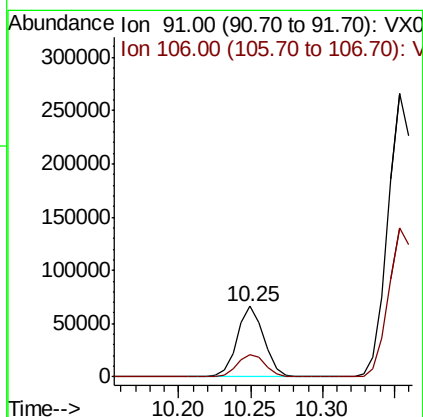
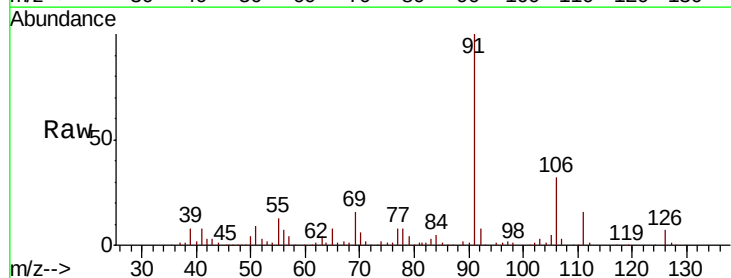
Instrument :
MSVOA_X
ClientSampled :
WASTEMEDL

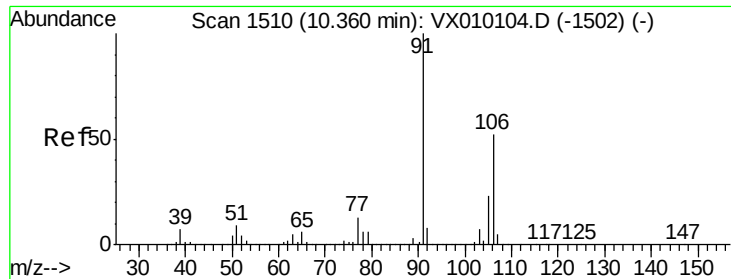
Tgt Ion: 117 Resp: 436647
Ion Ratio Lower Upper
117 100
82 49.7 49.2 73.8
119 32.5 25.2 37.8



#67
Ethyl Benzene
Concen: 5.622 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 91 Resp: 86247
Ion Ratio Lower Upper
91 100
106 32.3 23.9 35.9

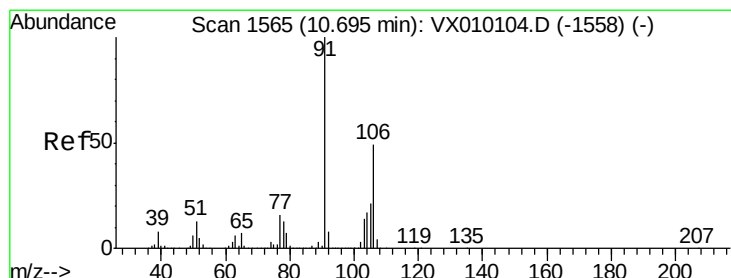
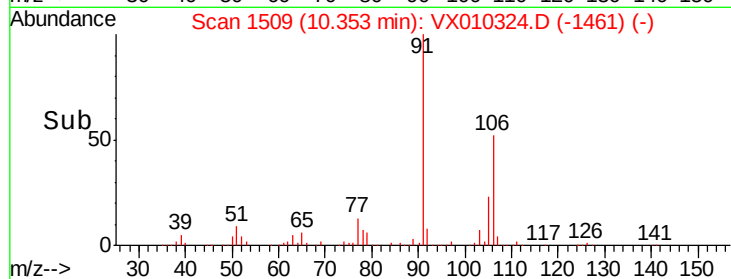
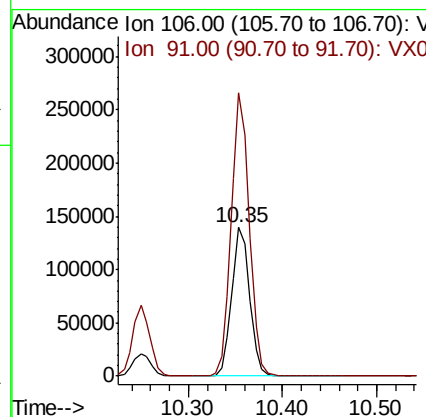
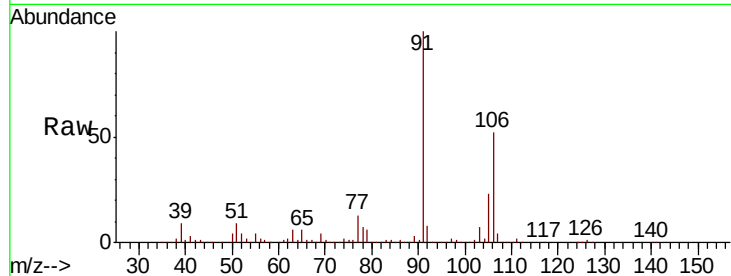




#68
m/p-Xylenes
Concen: 31.210 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

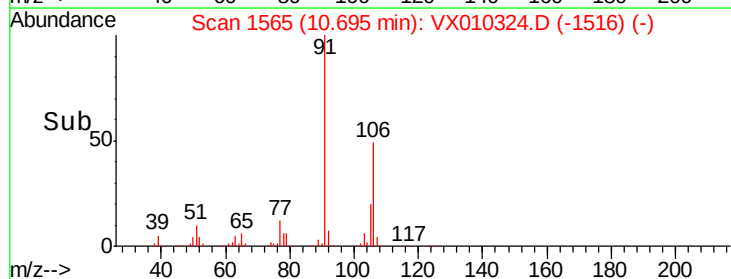
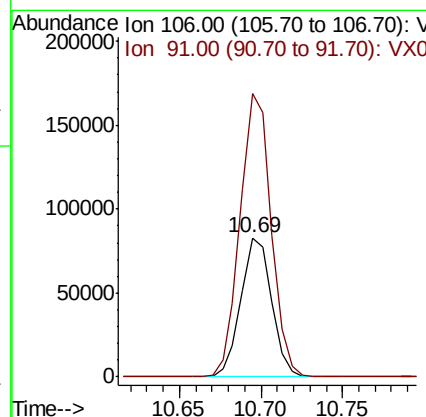
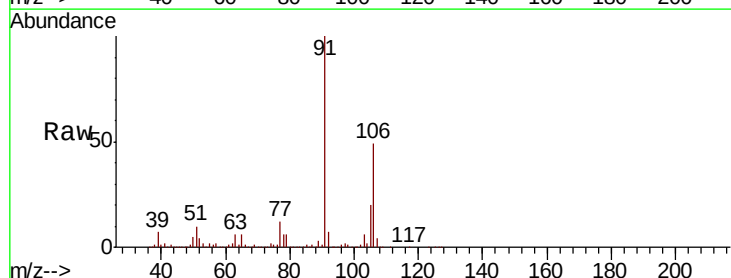
Instrument :
MSVOA_X
ClientSampled :
WASTEMEDL

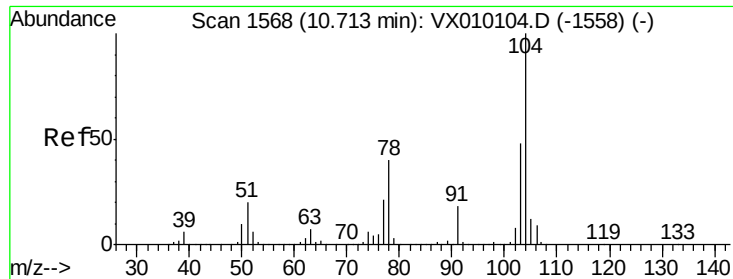
Tgt Ion:106 Resp: 185287
Ion Ratio Lower Upper
106 100
91 191.4 167.3 250.9



#69
o-Xylene
Concen: 18.504 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion:106 Resp: 109198
Ion Ratio Lower Upper
106 100
91 205.1 110.4 331.2

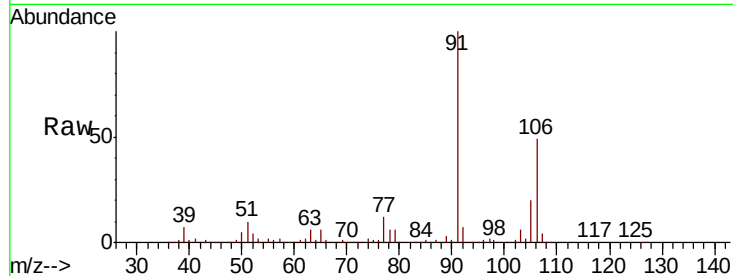




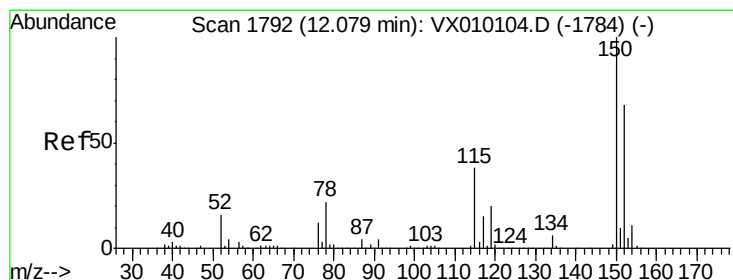
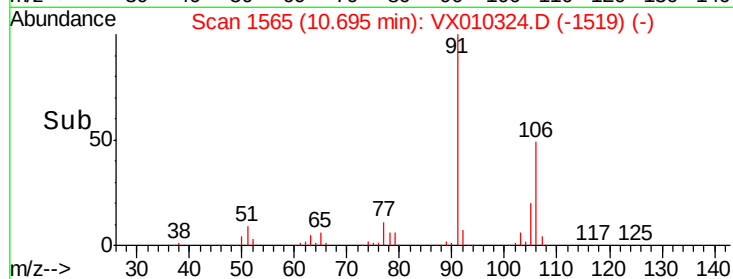
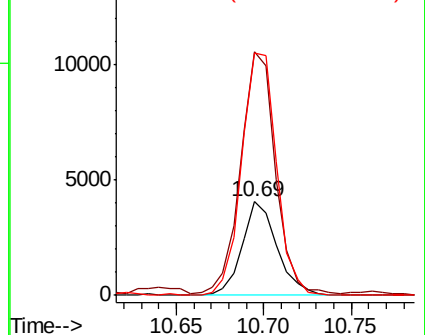
#70
Styrene
Concen: 0.566 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Instrument :
MSVOA_X
ClientSampled :
WASTEMEDL

Tgt Ion:104 Resp: 5658
Ion Ratio Lower Upper
104 100
78 255.3 42.1 63.1#
103 256.7 44.1 66.1#

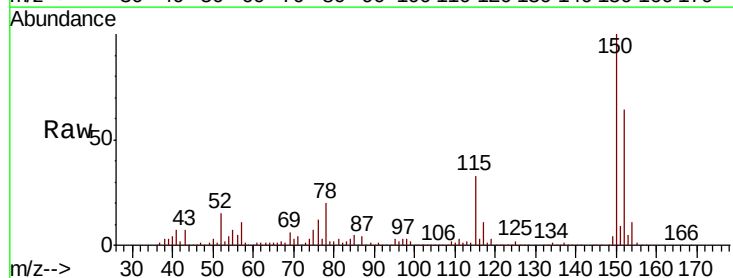


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

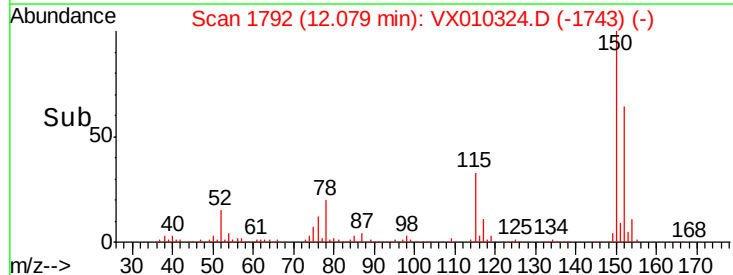
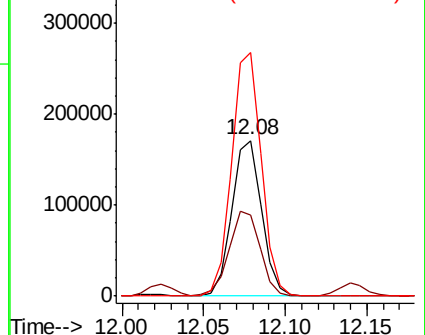


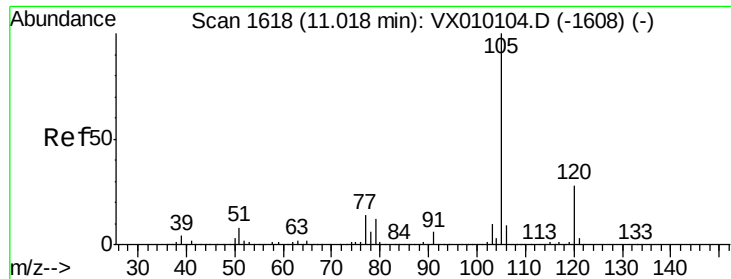
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion:152 Resp: 215897
Ion Ratio Lower Upper
152 100
115 57.2 41.4 124.2
150 156.5 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

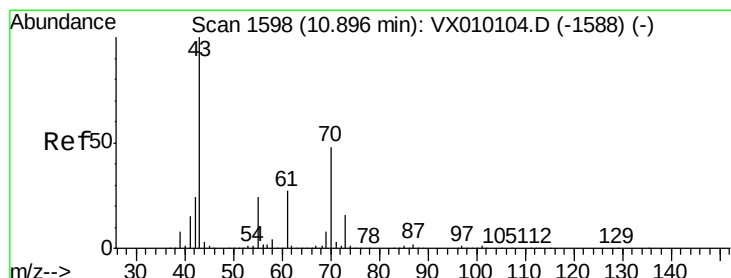
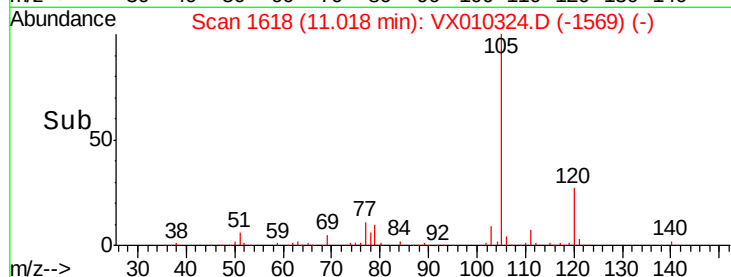
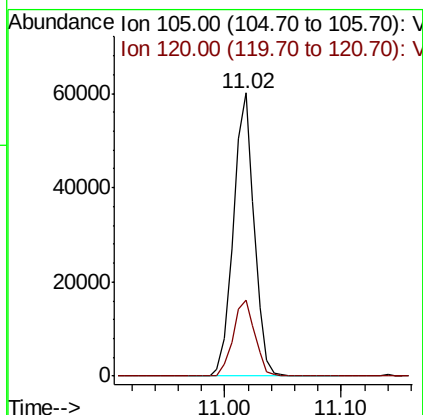
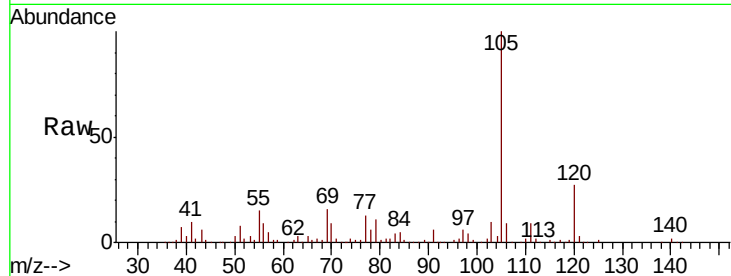




#73
Isopropylbenzene
Concen: 4.944 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

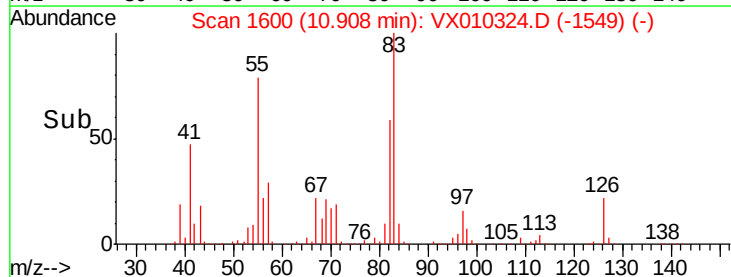
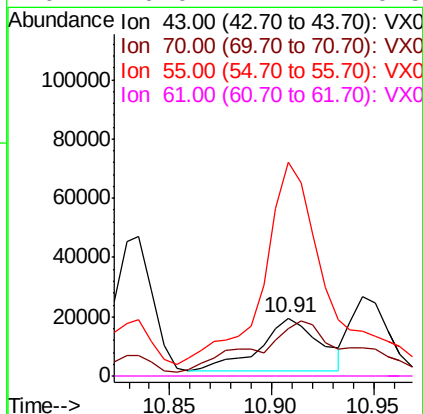
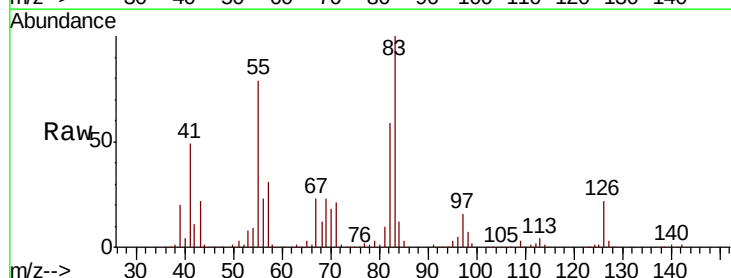
Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

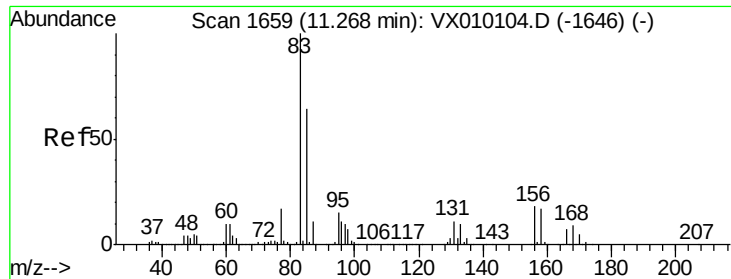
Tgt Ion: 105 Resp: 74514
Ion Ratio Lower Upper
105 100
120 28.4 12.8 38.4



#74
N-ethyl acetate
Concen: 6.142 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 43 Resp: 36591
Ion Ratio Lower Upper
43 100
70 148.6 28.6 43.0#
55 389.3 17.8 26.8#
61 0.0 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.099 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

WASTEMEDL

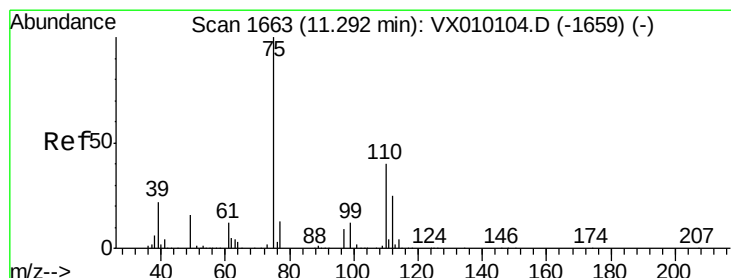
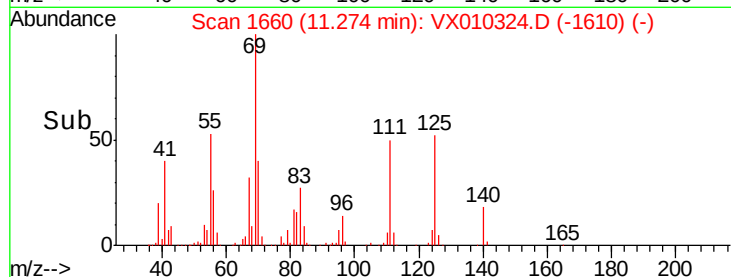
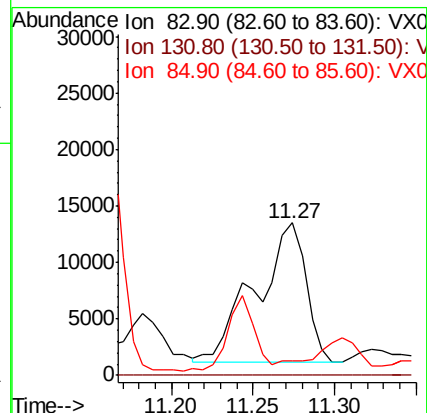
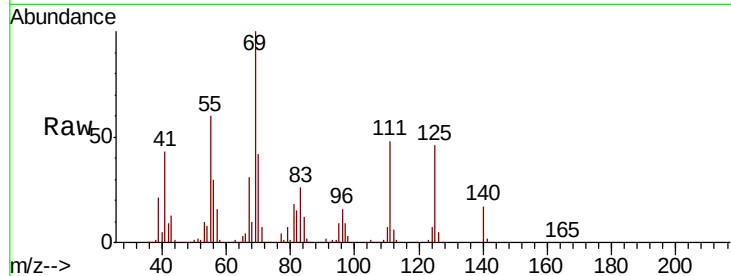
Tgt Ion: 83 Resp: 26303

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 1.632 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010324.D

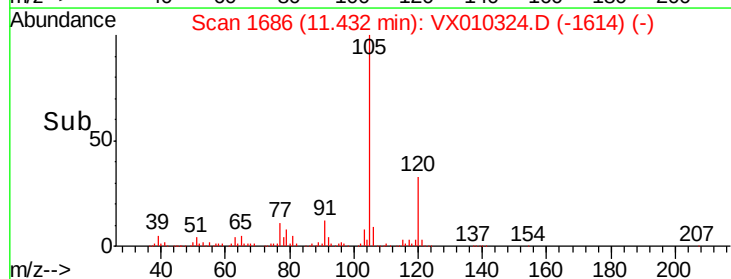
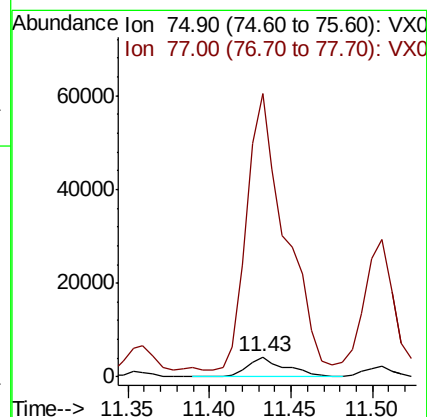
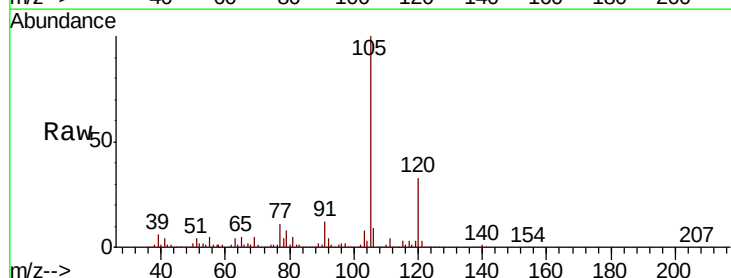
Acq: 17 Jun 2019 15:12

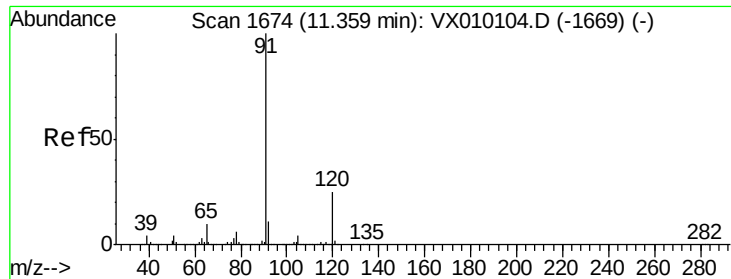
Tgt Ion: 75 Resp: 7046

Ion Ratio Lower Upper

75 100

77 1429.0 22.1 66.1#

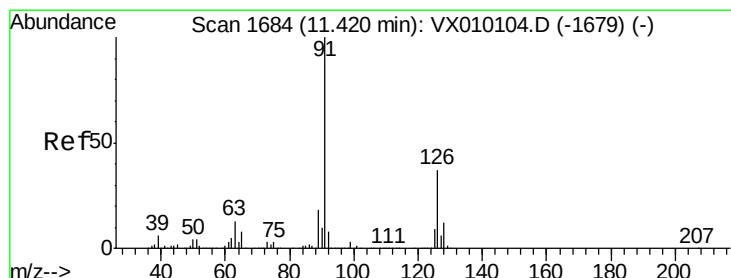
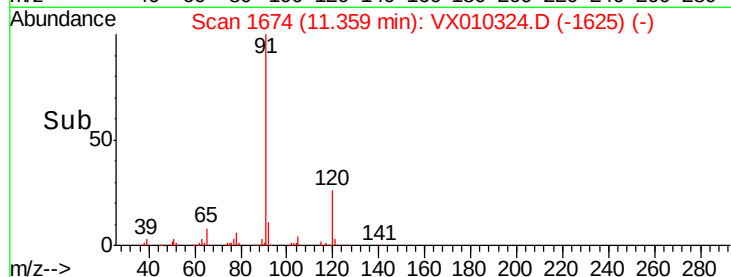
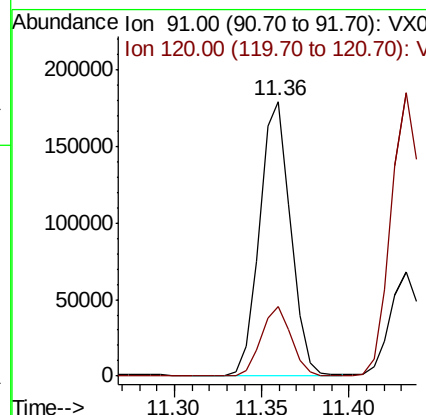
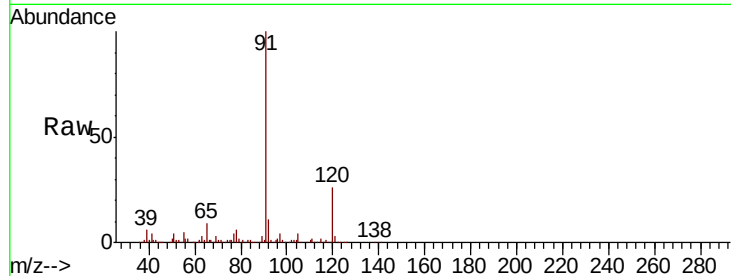




#78
n-propylbenzene
Concen: 13.132 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

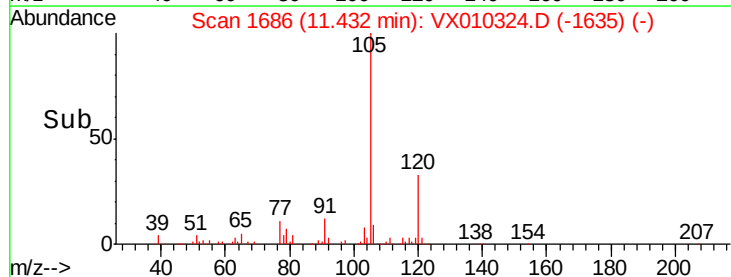
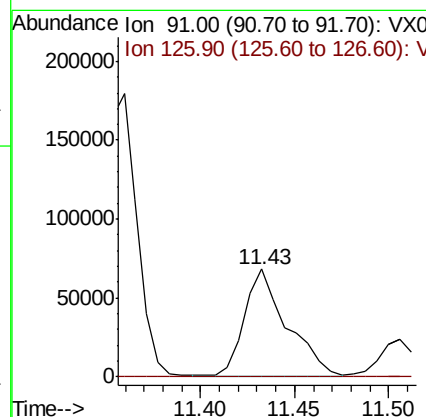
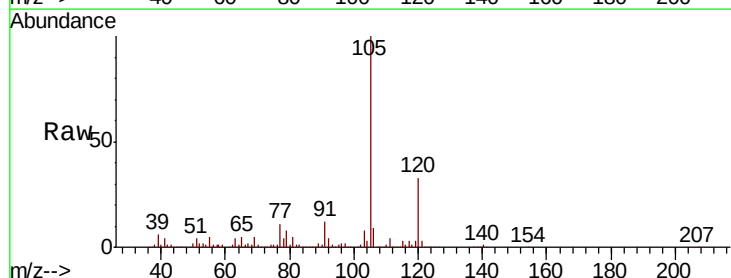
Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

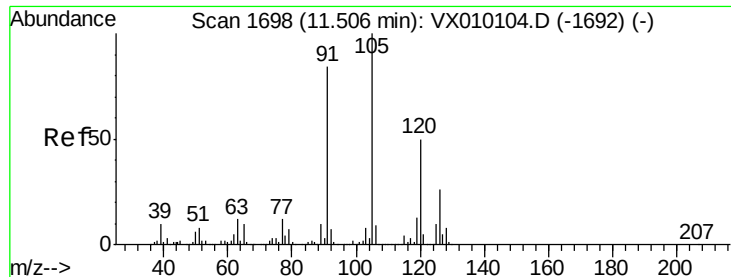
Tgt Ion: 91 Resp: 220339
Ion Ratio Lower Upper
91 100
120 24.7 11.1 33.3



#79
2-Chlorotoluene
Concen: 10.631 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 91 Resp: 107129
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 22.224 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

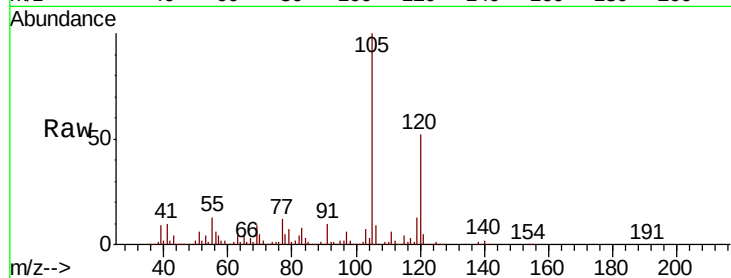
WASTEMEDL

Tgt Ion:105 Resp: 282113

Ion Ratio Lower Upper

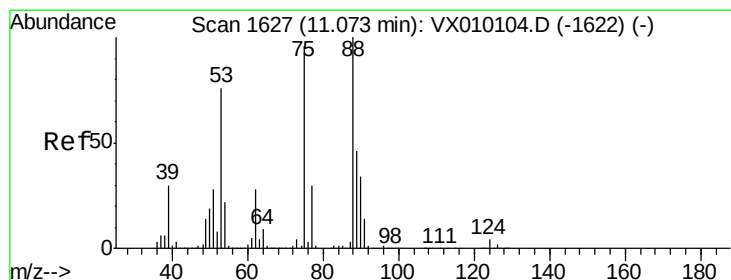
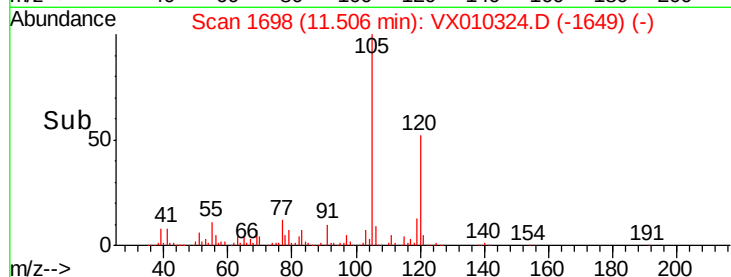
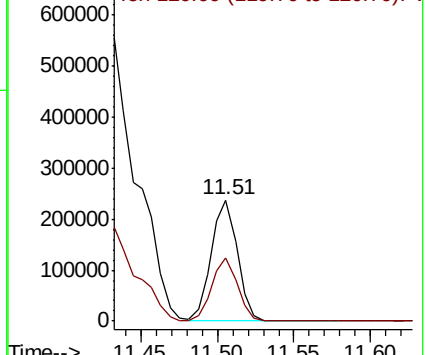
105 100

120 51.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 47.072 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

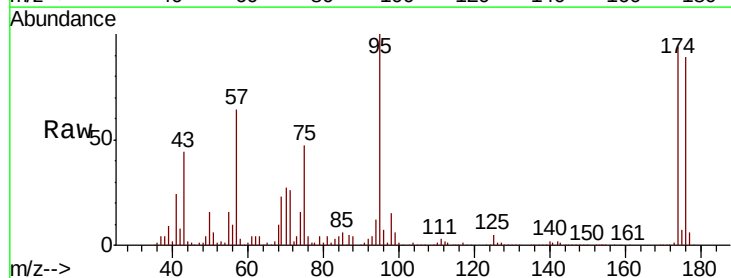
Tgt Ion: 75 Resp: 92002

Ion Ratio Lower Upper

75 100

53 5.5 79.8 119.6#

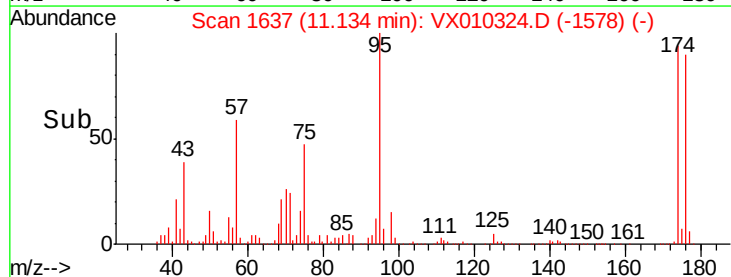
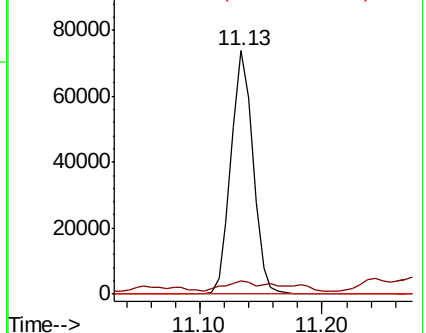
89 0.0 34.2 51.4#

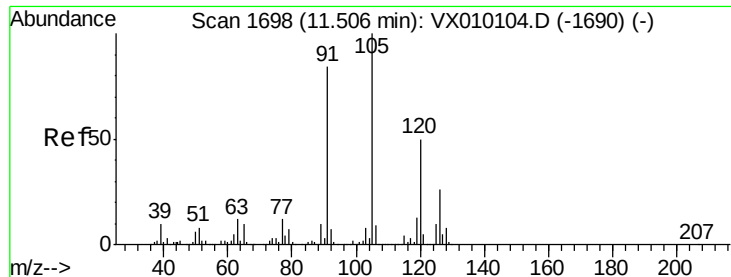


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.647 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

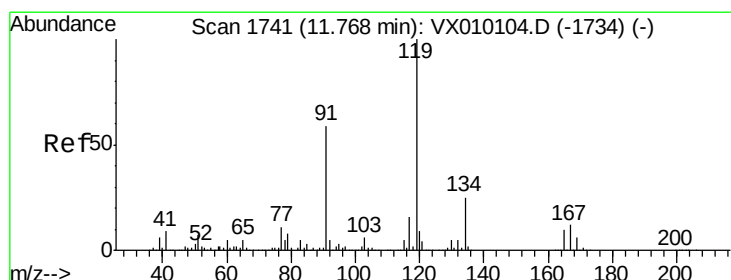
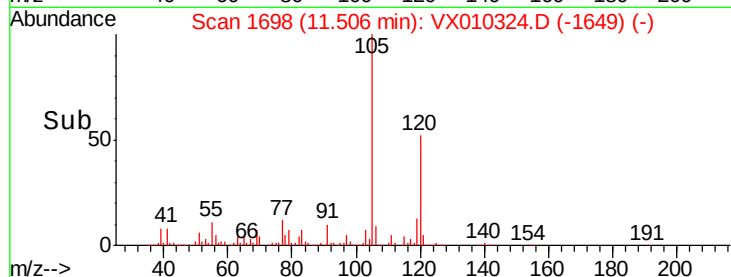
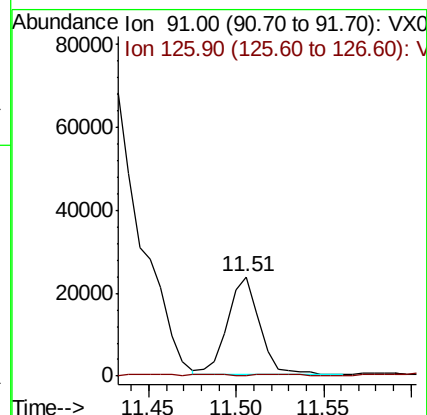
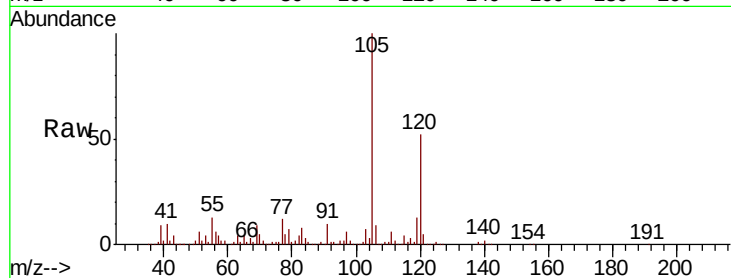
WASTEMEDL

Tgt Ion: 91 Resp: 30305

Ion Ratio Lower Upper

91 100

126 2.5 14.2 42.6#



#83

tert-Butylbenzene

Concen: 9.703 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

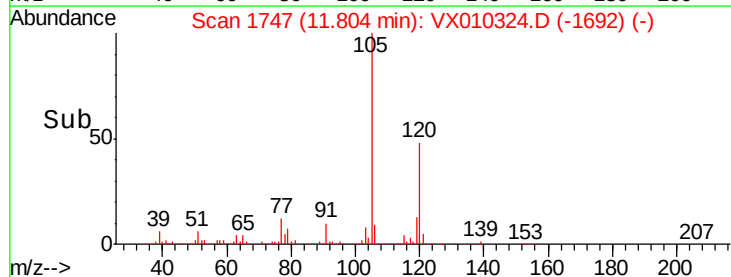
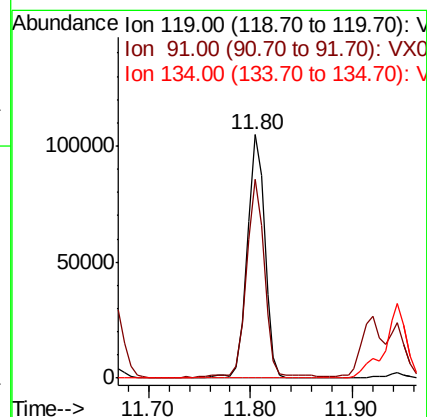
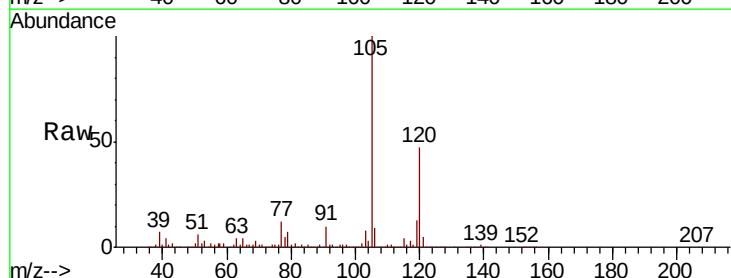
Tgt Ion: 119 Resp: 124662

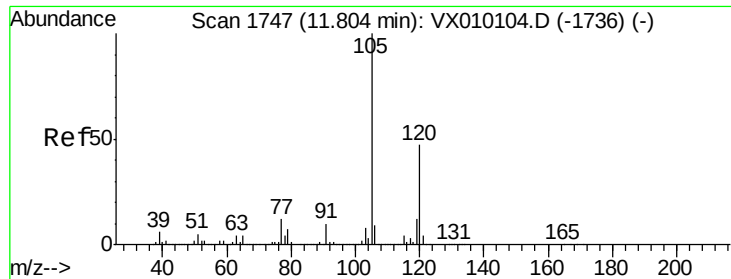
Ion Ratio Lower Upper

119 100

91 81.5 30.0 90.0

134 0.0 11.2 33.5#

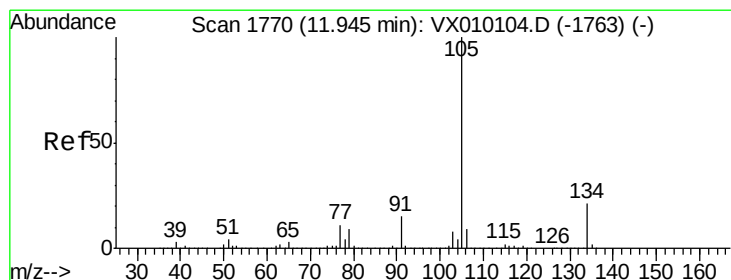
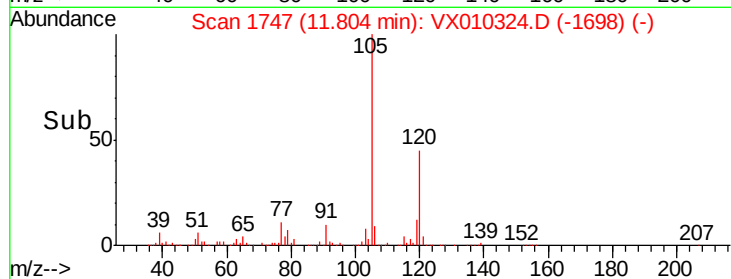
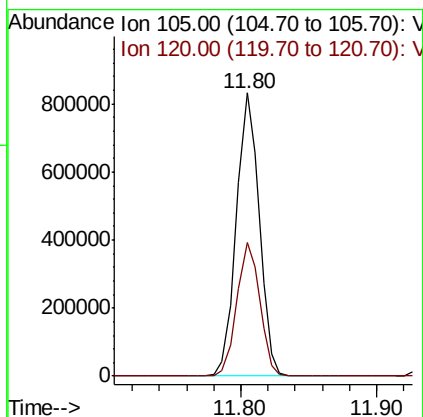
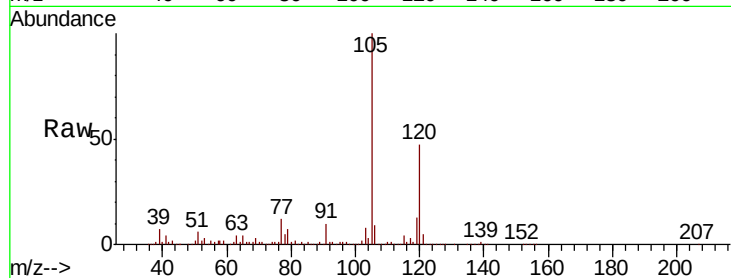




#84
 1,2,4-Trimethylbenzene
 Concen: 75.855 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

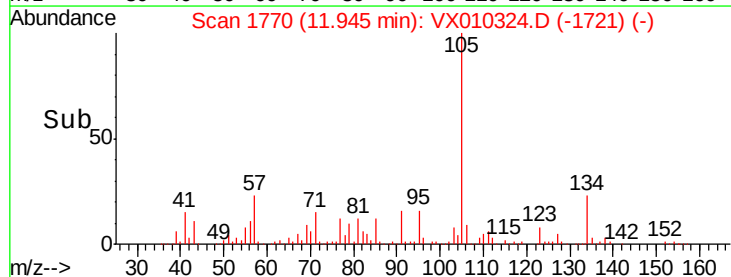
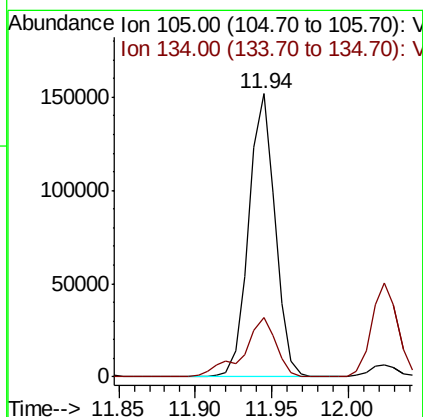
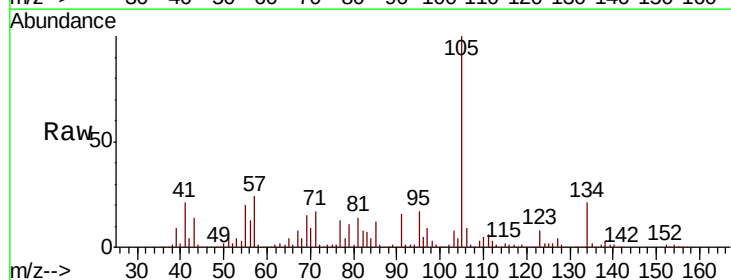
Instrument :
 MSVOA_X
 ClientSampleID :
 WASTEMEDL

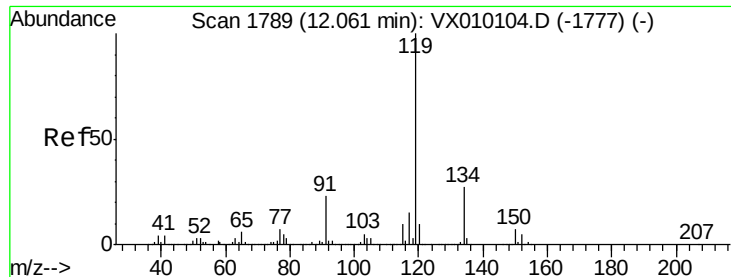
Tgt Ion:105 Resp: 972603
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 12.049 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

Tgt Ion:105 Resp: 180349
 Ion Ratio Lower Upper
 105 100
 134 26.2 9.7 28.9

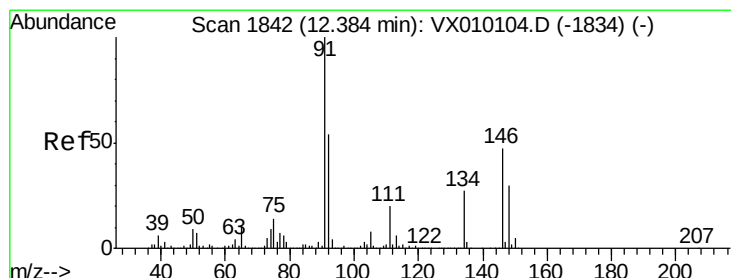
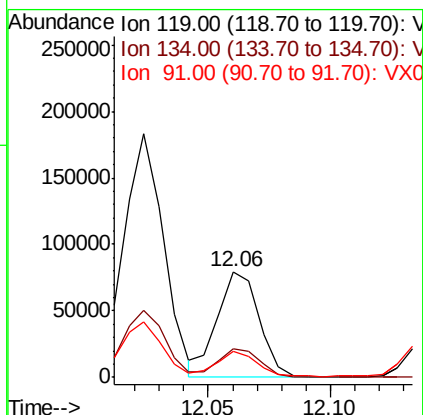
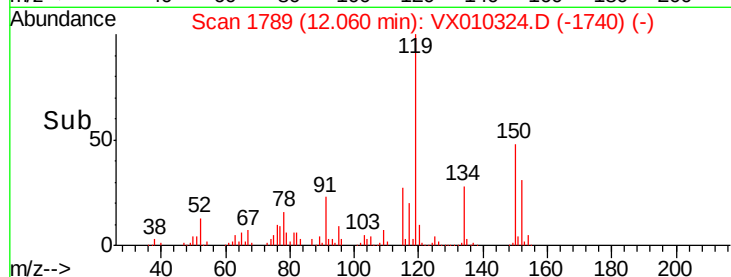
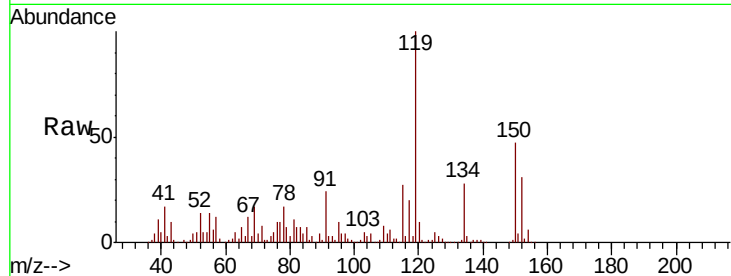




#86
 p-Isopropyltoluene
 Concen: 6.916 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

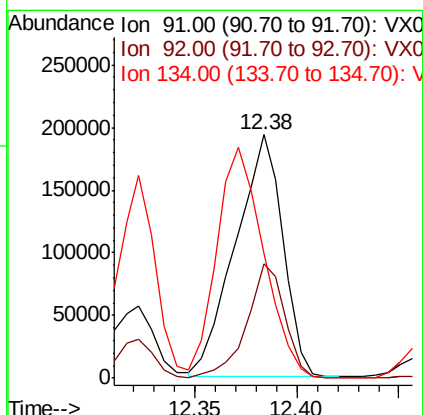
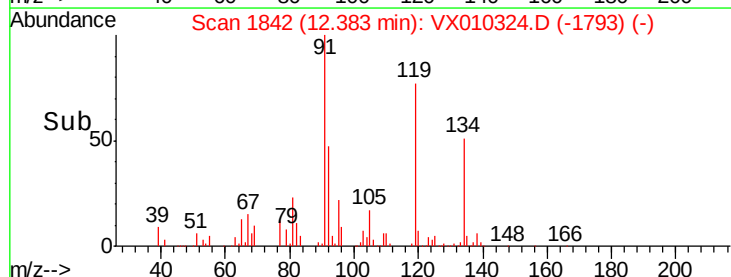
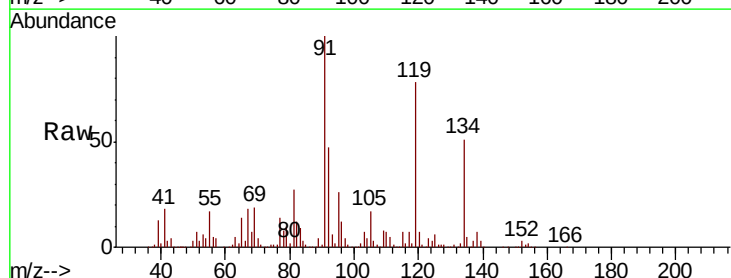
Instrument :
 MSVOA_X
 ClientSampleId :
 WASTEMEDL

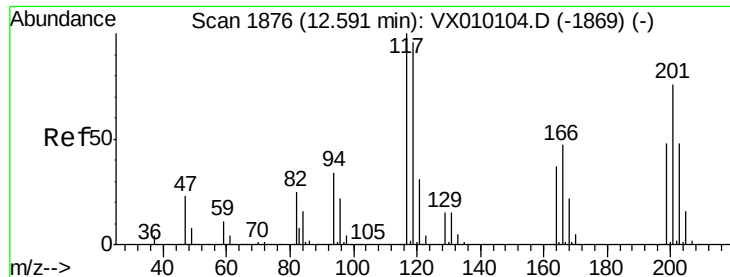
Tgt Ion: 119 Resp: 94637
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.9 38.6
 91 22.9 11.9 35.9



#89
 n-Butylbenzene
 Concen: 26.484 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

Tgt Ion: 91 Resp: 311954
 Ion Ratio Lower Upper
 91 100
 92 37.7 26.3 78.8
 134 93.8 12.3 36.8#





#90

Hexachloroethane

Concen: 12.920 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

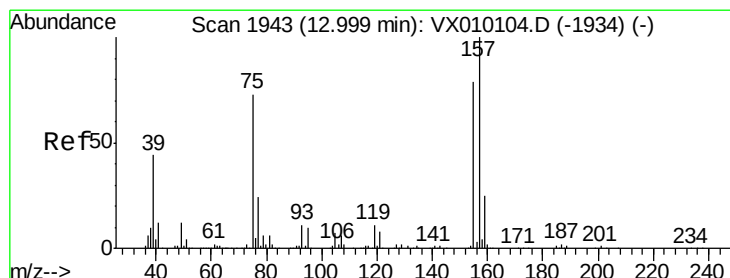
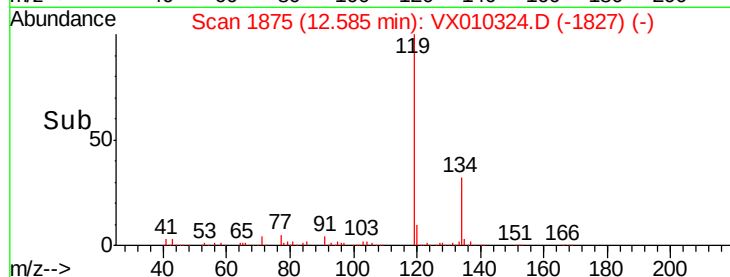
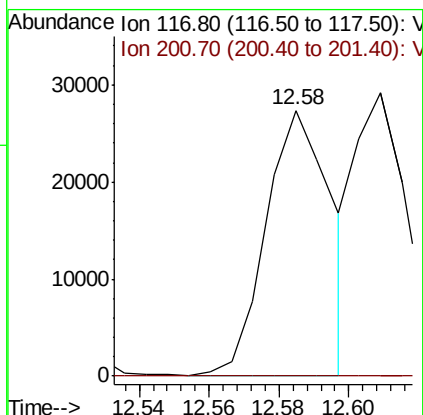
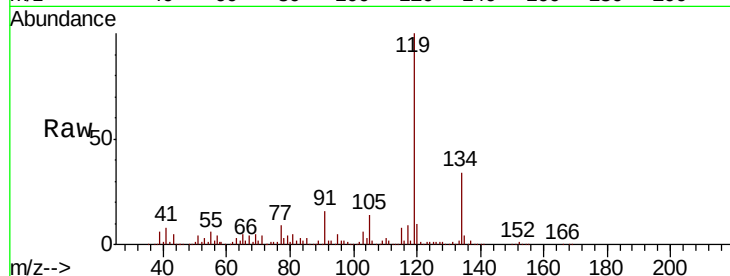
WASTEMEDL

Tgt Ion: 117 Resp: 35218

Ion Ratio Lower Upper

117 100

201 0.0 43.6 130.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.407 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

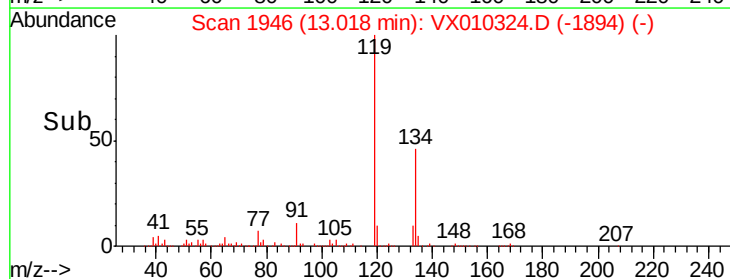
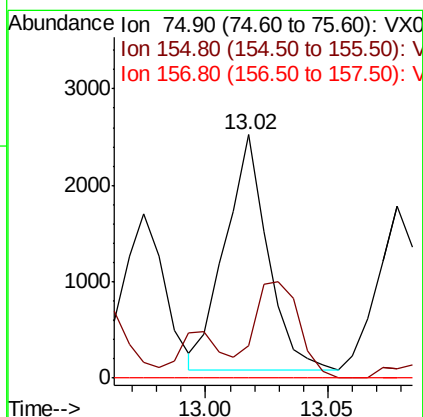
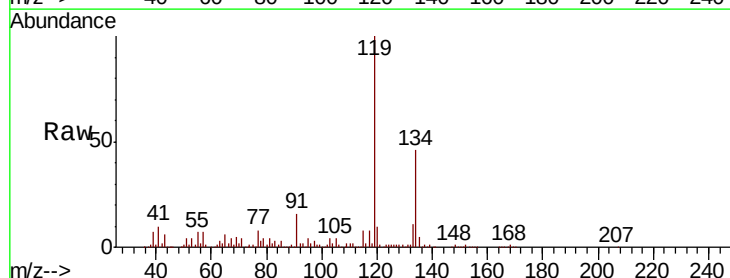
Tgt Ion: 75 Resp: 2922

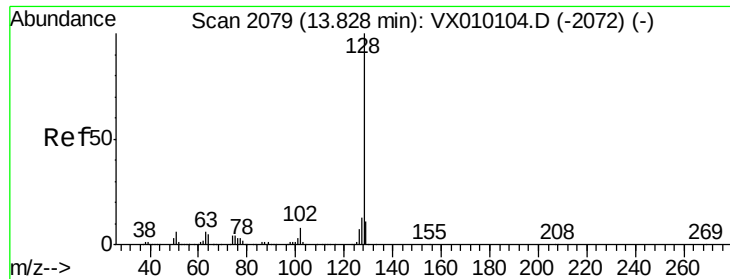
Ion Ratio Lower Upper

75 100

155 43.8 39.3 117.8

157 0.0 50.6 151.8#





#95

Naphthalene

Concen: 9.629 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

WASTEMEDL

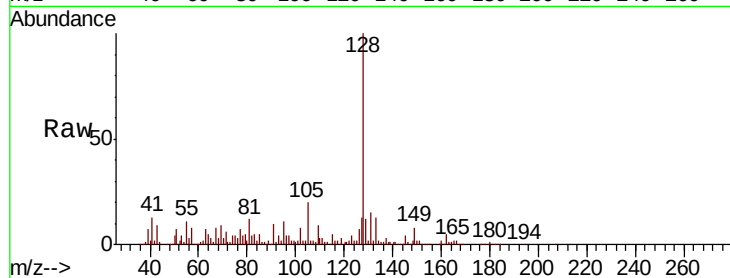
Tgt Ion:128 Resp: 157466

Ion Ratio Lower Upper

128 100

127 14.9 10.6 16.0

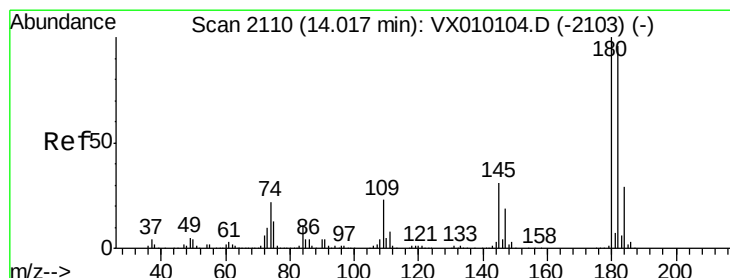
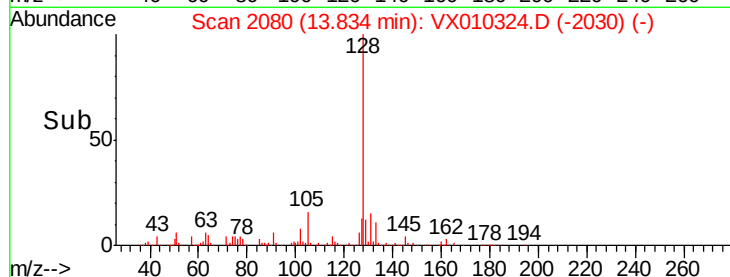
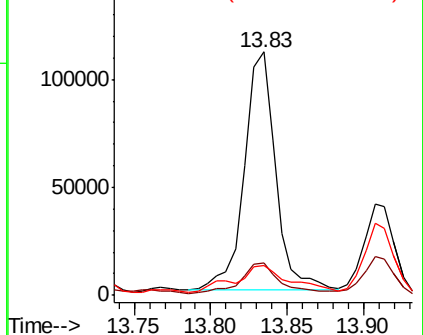
129 19.2 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.258 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.02 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

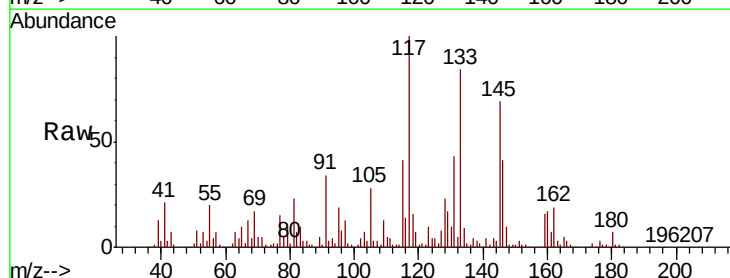
Tgt Ion:180 Resp: 6464

Ion Ratio Lower Upper

180 100

182 20.4 47.3 142.0#

145 1448.4 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

