

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010390.D
 Acq On : 21 Jun 2019 17:22
 Operator : JC/SP
 Sample : K3469-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-062019

Quant Time: Jun 21 23:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	364293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	128688	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.50	113	127158	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	493091	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	161963	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	663	0.557	ug/l #	68
6) Chloroethane	1.68	64	617	0.428	ug/l #	49
11) Tert butyl alcohol	3.04	59	9954	14.726	ug/l #	92
13) Acrolein	2.29	56	206	0.459	ug/l #	14
16) Acetone	2.44	43	32522	25.120	ug/l	98
17) Carbon Disulfide	2.57	76	1545	0.241	ug/l #	69
18) Methyl Acetate	2.85	43	2090	0.810	ug/l #	52
19) Methyl tert-butyl Ether	3.20	73	77903	10.369	ug/l #	90
31) Cyclohexane	5.58	56	36106	9.676	ug/l	94
36) 1,1-Dichloropropene	5.67	75	16351	4.923	ug/l #	48
38) Carbon Tetrachloride	5.67	117	24727	6.875	ug/l #	15
39) Methylcyclohexane	7.46	83	44012	10.081	ug/l	97
40) Benzene	6.15	78	5261	0.508	ug/l	98
45) 1,2-Dichloropropane	7.45	63	691	0.264	ug/l #	1
48) Methyl methacrylate	7.73	41	3089	1.176	ug/l #	46
49) 1,4-Dioxane	7.74	88	25	0.330	ug/l #	1
52) Toluene	8.79	92	4027	0.591	ug/l	91
56) Ethyl methacrylate	9.17	69	1167	0.274	ug/l #	18
67) Ethyl Benzene	10.25	91	13648	1.093	ug/l #	88
68) m/p-Xylenes	10.36	106	3259	0.674	ug/l	94
69) o-Xylene	10.70	106	2428	0.510	ug/l	93
73) Isopropylbenzene	11.02	105	526607	45.694	ug/l	100
76) 1,2,3-Trichloropropane	11.36	75	10834	3.497	ug/l #	1
78) n-propylbenzene	11.36	91	1843339	145.533	ug/l	100
79) 2-Chlorotoluene	11.36	91	1843339	244.399	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	66705	7.021	ug/l	74
81) trans-1,4-Dichloro-2-buten	11.02	75	5842	4.399	ug/l #	48
82) 4-Chlorotoluene	11.36	91	1843339	214.781	ug/l #	42
83) tert-Butylbenzene	11.77	119	9261	0.971	ug/l	93
84) 1,2,4-Trimethylbenzene	11.66	105	66705	6.988	ug/l	79
85) sec-Butylbenzene	11.94	105	117167	10.465	ug/l	100
86) p-Isopropyltoluene	12.23	119	40914	3.951	ug/l #	76
89) n-Butylbenzene	12.38	91	155159	17.631	ug/l #	76
90) Hexachloroethane	12.67	117	125095	69.858	ug/l #	5

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Response via : Initial Calibration

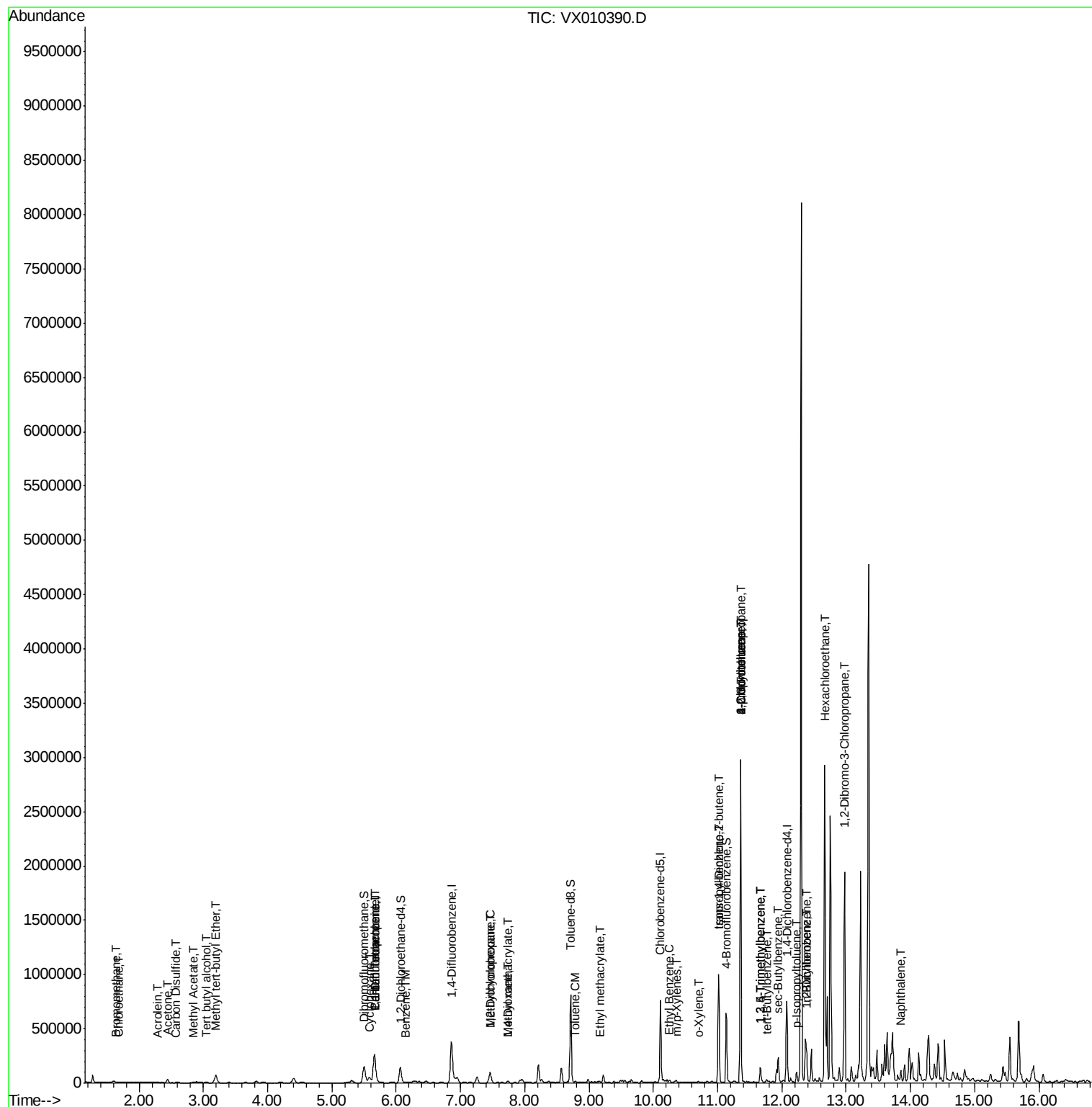
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.40	146	2450	0.439	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.97	75	5910	7.182	ug/l #	1
95) Naphthalene	13.85	128	2897	0.243	ug/l #	1

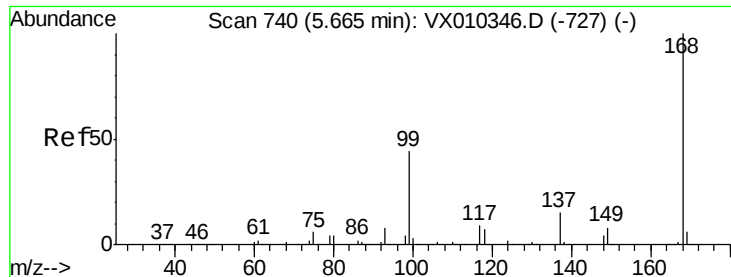
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

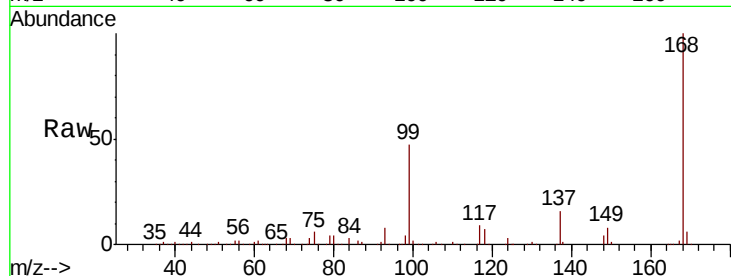
T11-MW-5-9.0-062019

Tot Ion:168 Resp: 275524

Ion Ratio Lower Upper

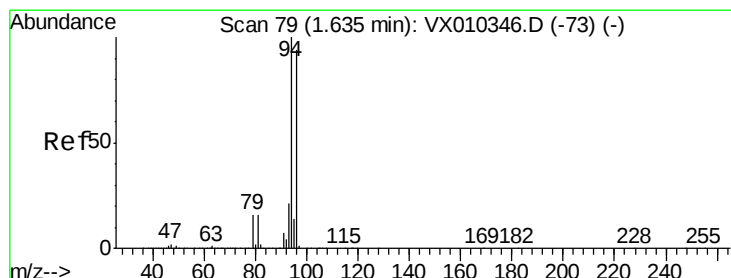
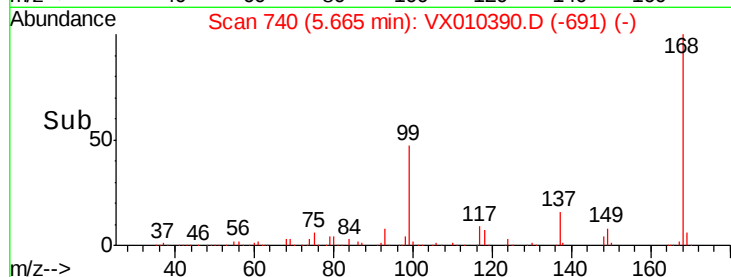
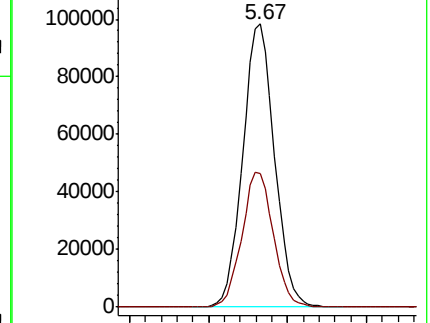
168 100

99 47.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.557 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010390.D

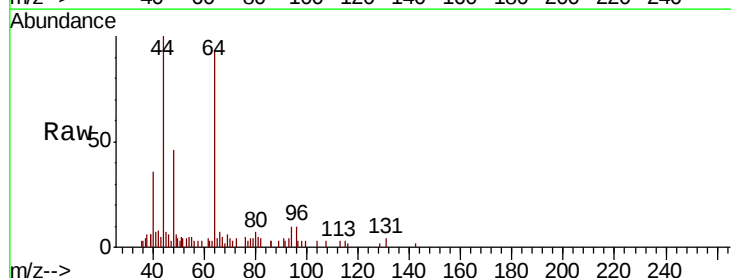
Acq: 21 Jun 2019 17:22

Tgt Ion: 94 Resp: 663

Ion Ratio Lower Upper

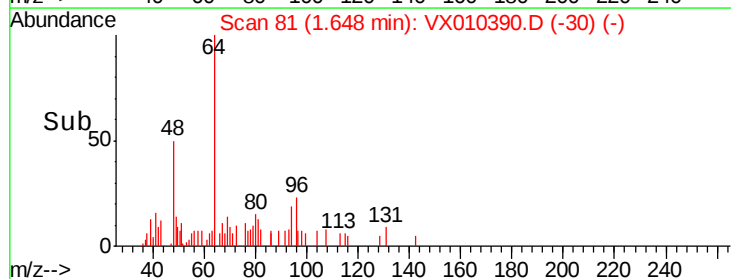
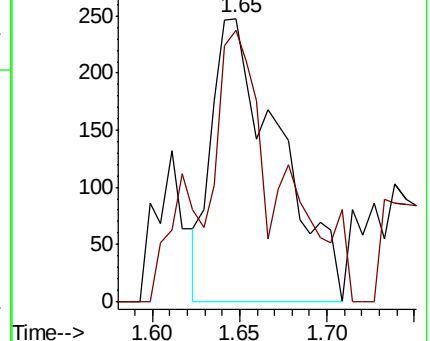
94 100

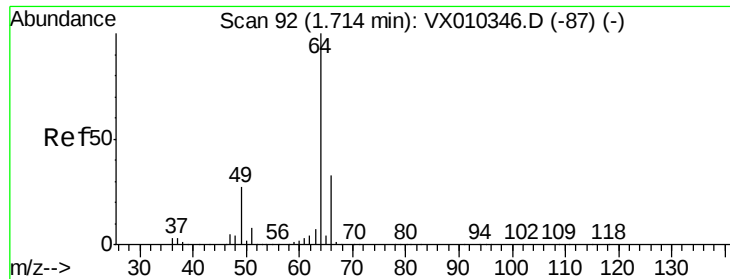
96 63.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.428 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

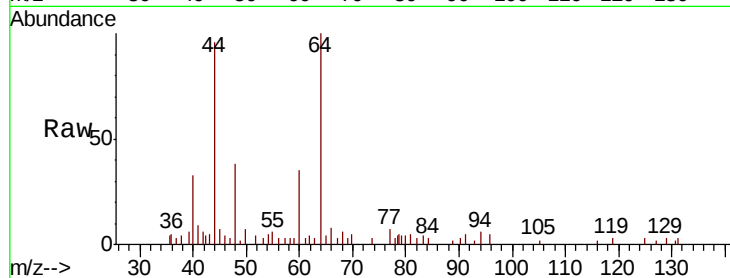
T11-MW-5-9.0-062019

Tot Ion: 64 Resp: 617

Ion Ratio Lower Upper

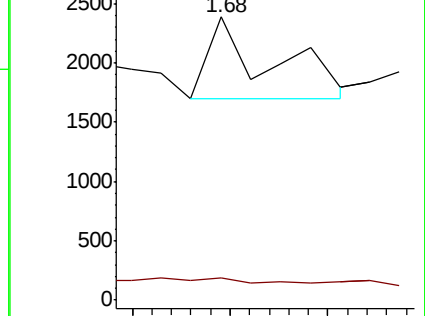
64 100

66 4.3 26.6 40.0#

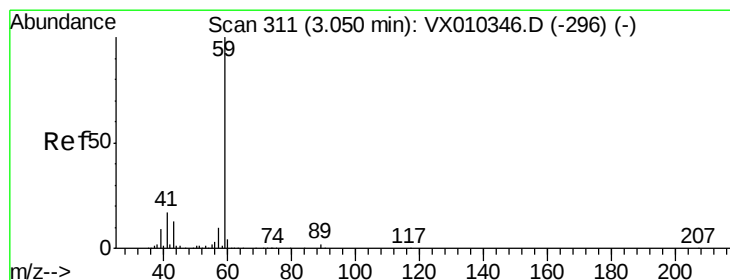
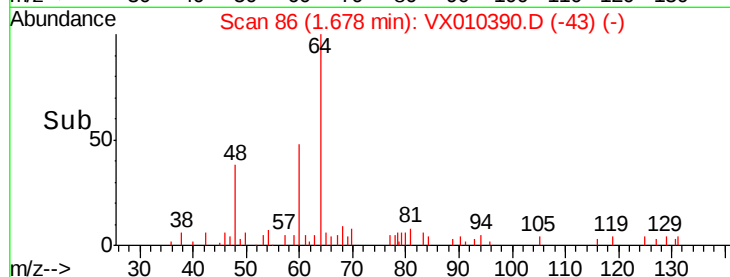


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 14.726 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010390.D

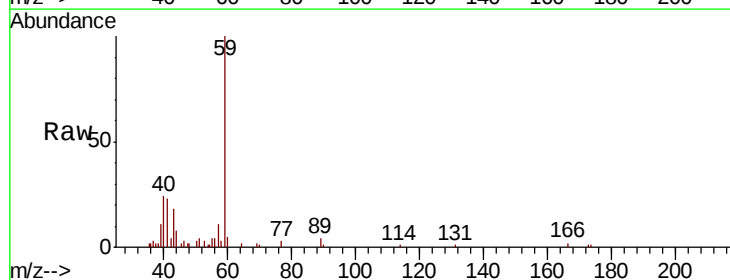
Acq: 21 Jun 2019 17:22

Tgt Ion: 59 Resp: 9954

Ion Ratio Lower Upper

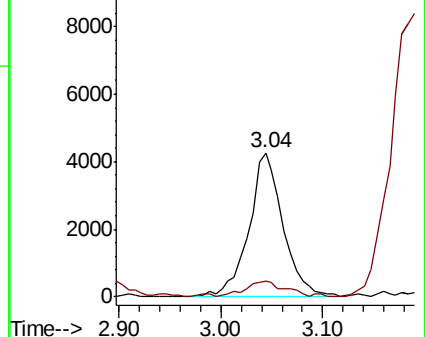
59 100

57 12.7 7.7 11.5#

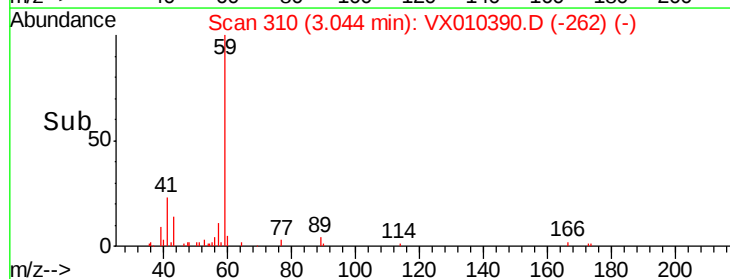


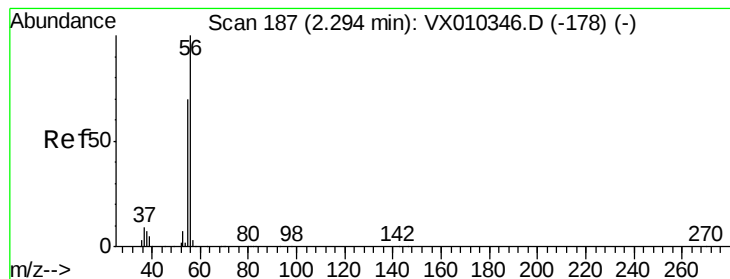
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#13

Acrolein

Concen: 0.459 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

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ClientSampleId :

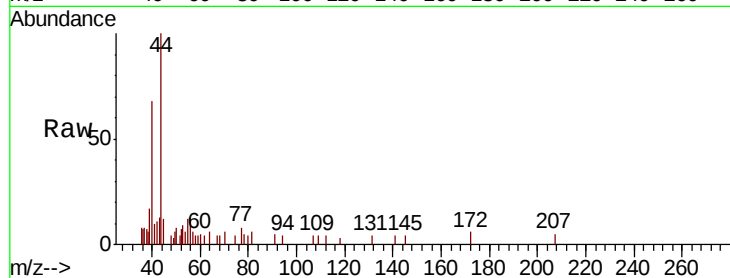
T11-MW-5-9.0-062019

Tot Ion: 56 Resp: 206

Ion Ratio Lower Upper

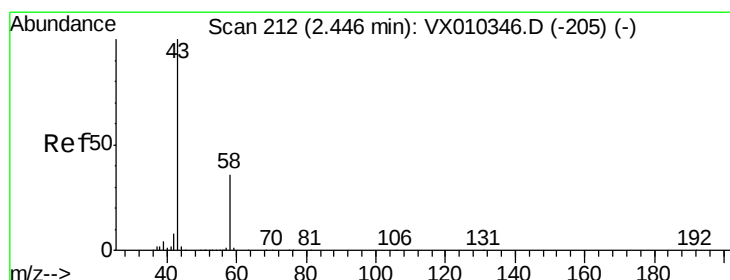
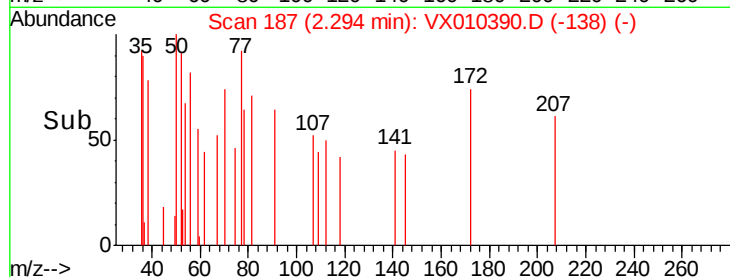
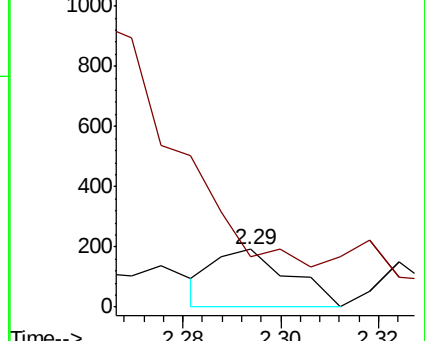
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 25.120 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010390.D

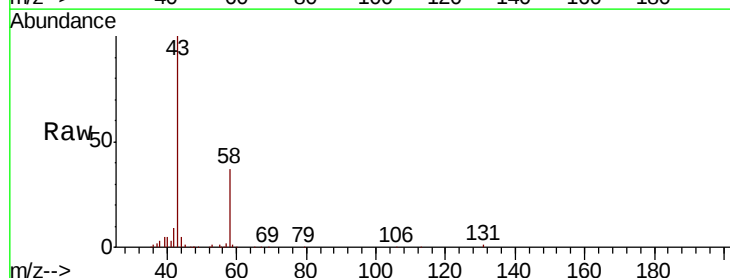
Acq: 21 Jun 2019 17:22

Tgt Ion: 43 Resp: 32522

Ion Ratio Lower Upper

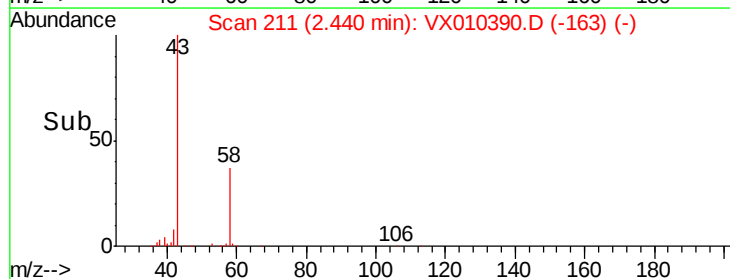
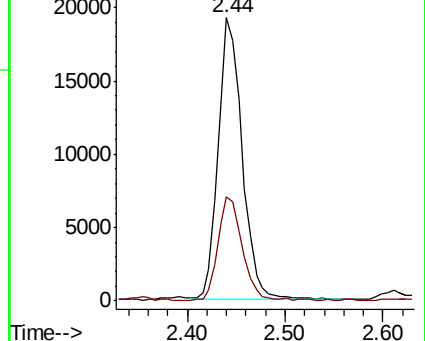
43 100

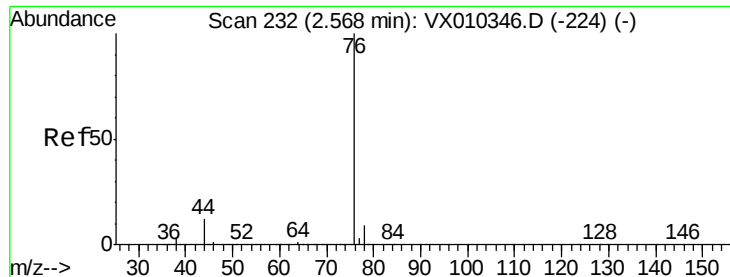
58 37.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

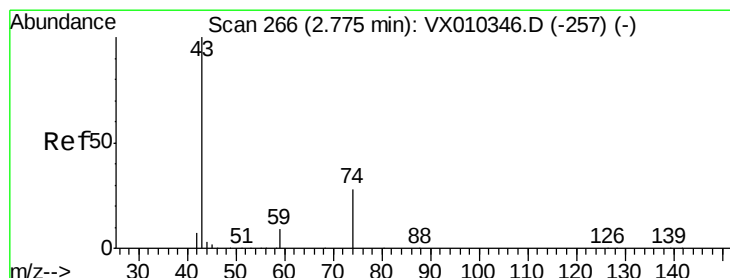
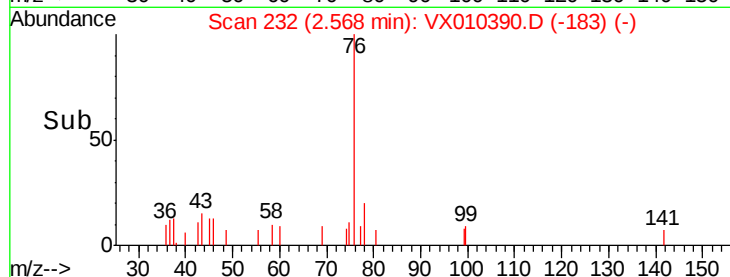
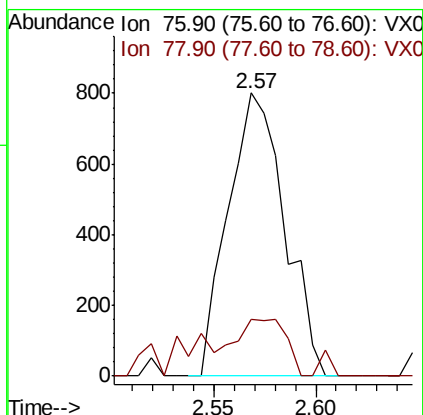
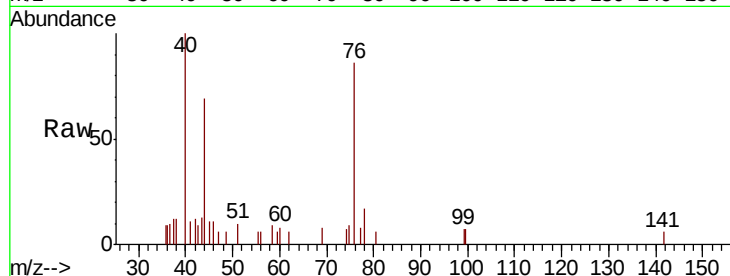




#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

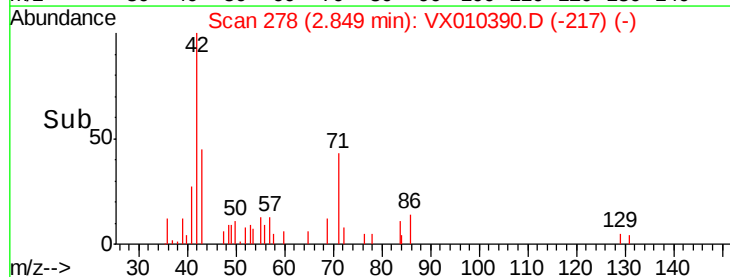
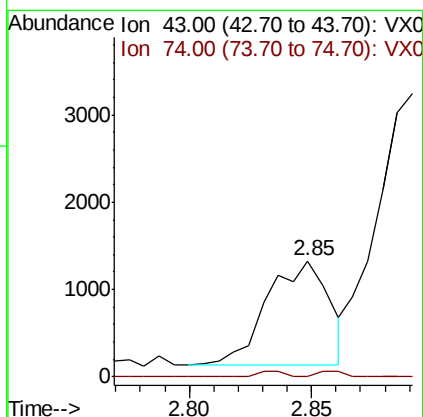
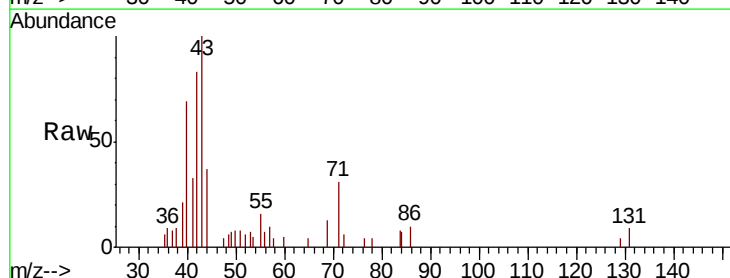
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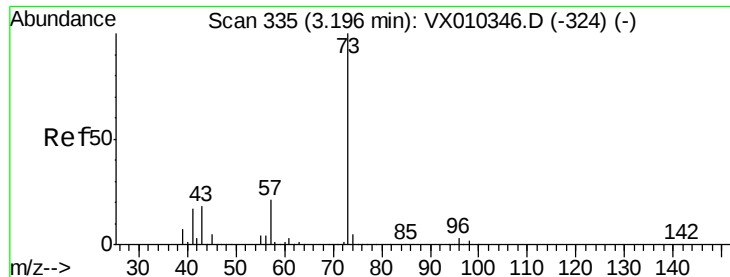
Tot Ion: 76 Resp: 1545
Ion Ratio Lower Upper
76 100
78 20.2 7.3 10.9#



#18
Methyl Acetate
Concen: 0.810 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
74 2.1 21.3 31.9#

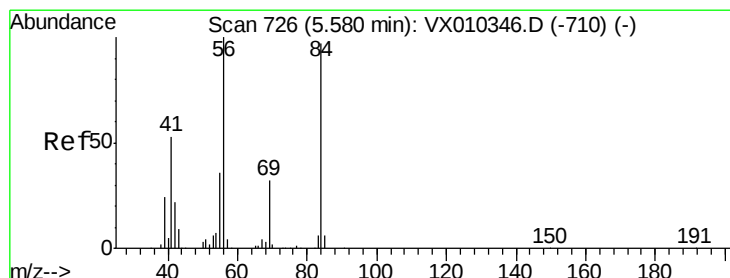
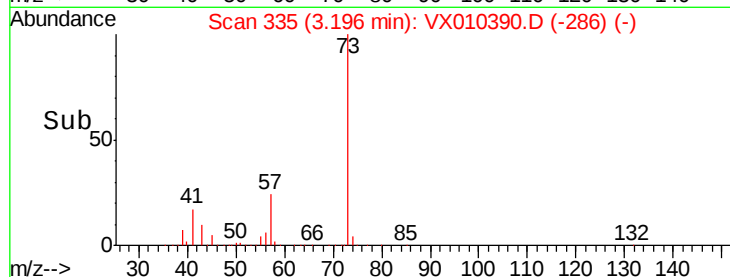
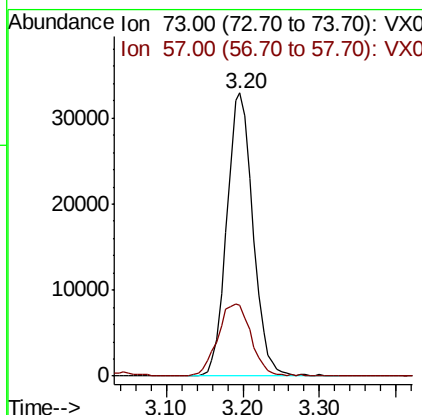
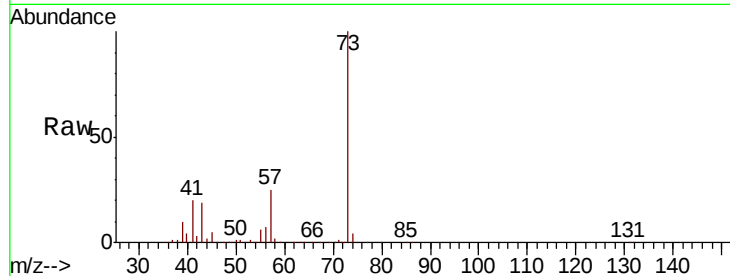




#19
Methvl tert-butvl Ether
Concen: 10.369 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

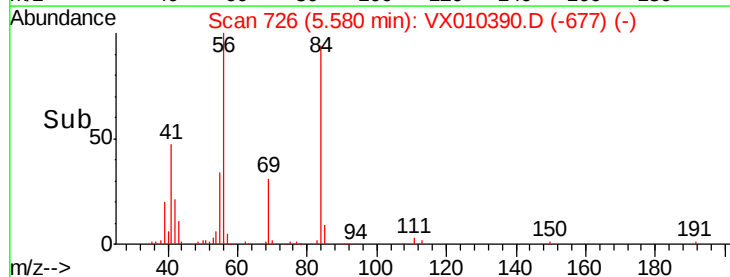
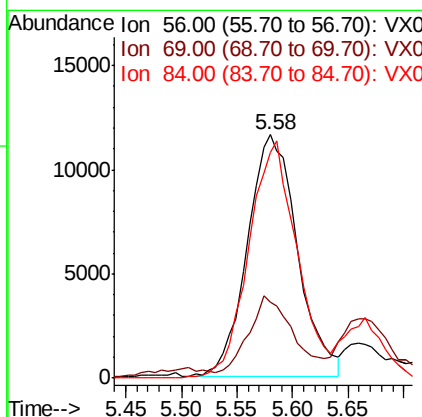
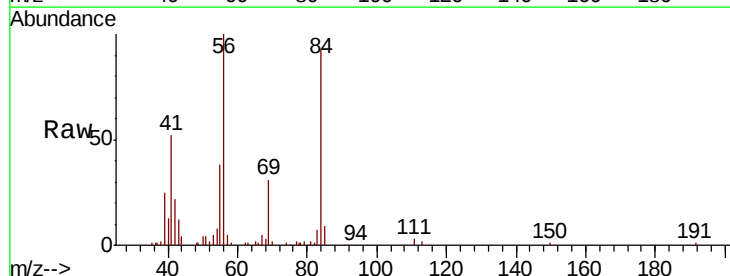
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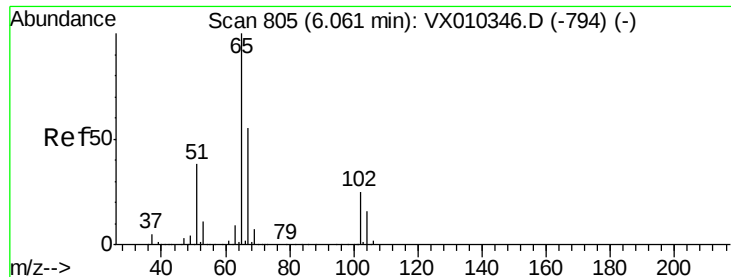
Tot Ion: 73 Resp: 77903
Ion Ratio Lower Upper
73 100
57 24.9 16.4 24.6#



#31
Cyclohexane
Concen: 9.676 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion: 56 Resp: 36106
Ion Ratio Lower Upper
56 100
69 26.9 25.9 38.9
84 92.9 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 49.815 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

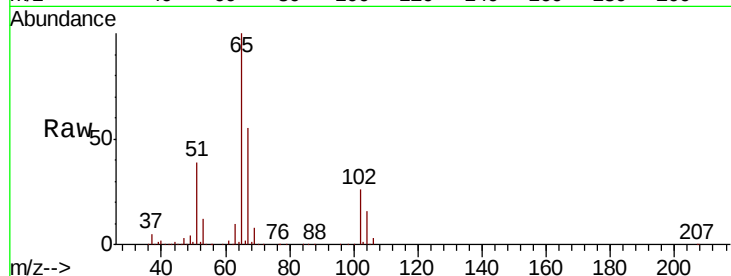
T11-MW-5-9.0-062019

Tot Ion: 65 Resp: 128688

Ion Ratio Lower Upper

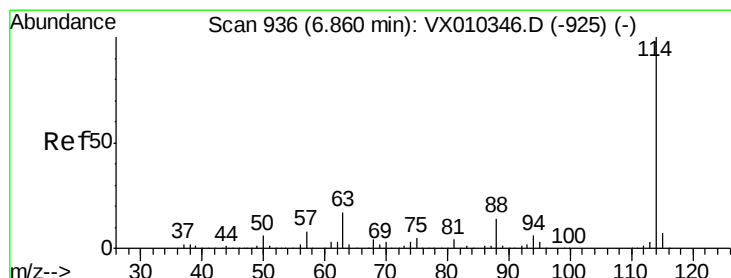
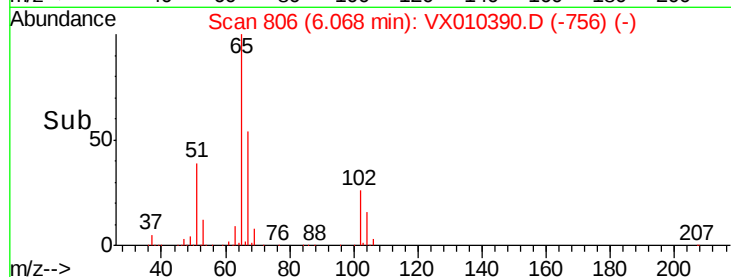
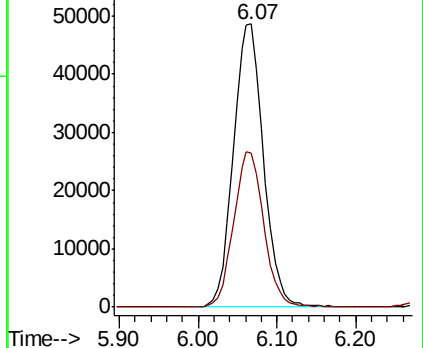
65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

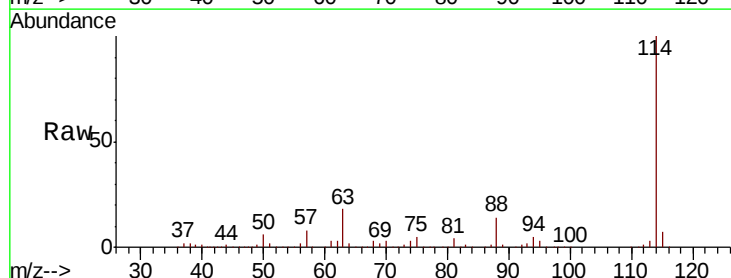
Tgt Ion:114 Resp: 417947

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

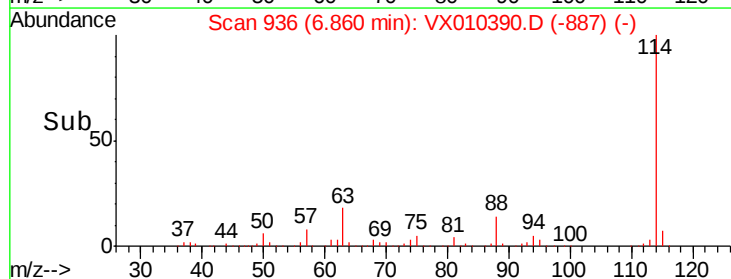
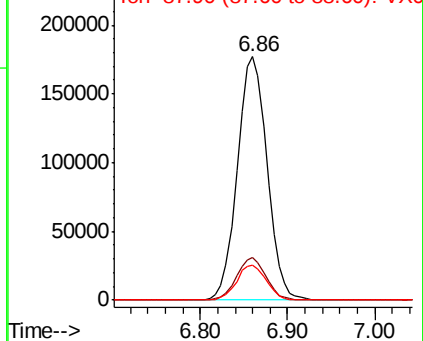
88 14.1 0.0 27.6

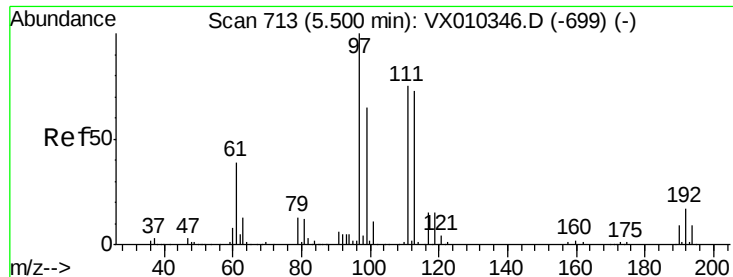


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.726 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-062019

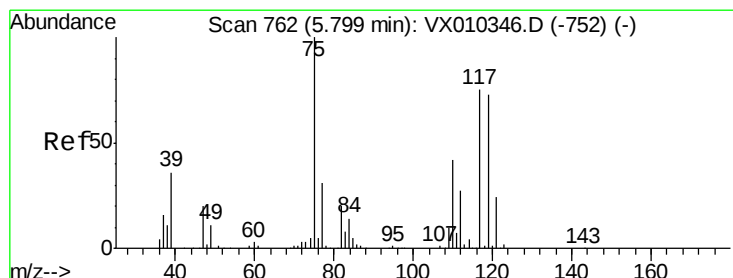
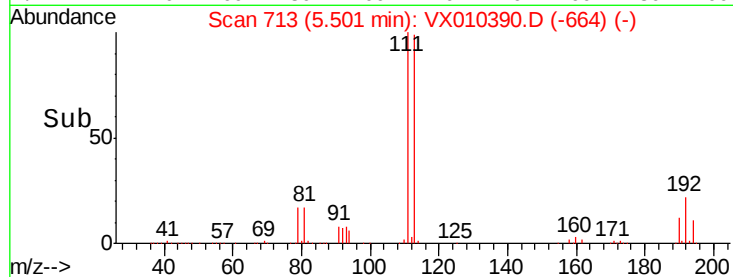
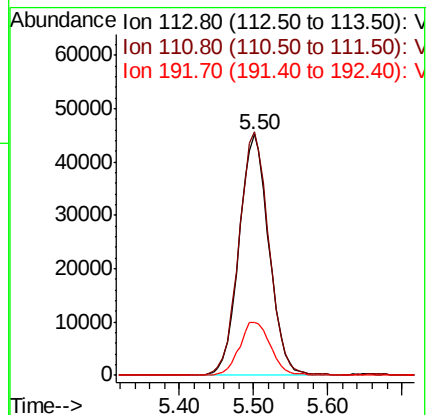
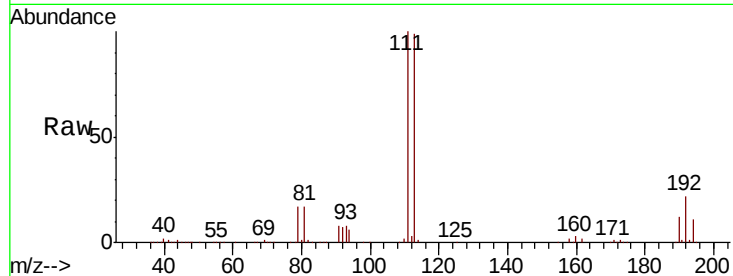
Tot Ion:113 Resp: 127158

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 23.0 18.6 27.8



#36

1,1-Dichloropropene

Concen: 4.923 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

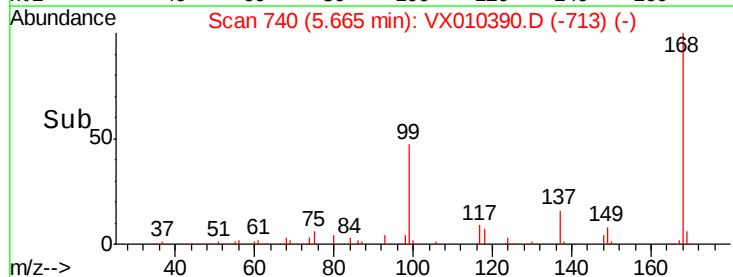
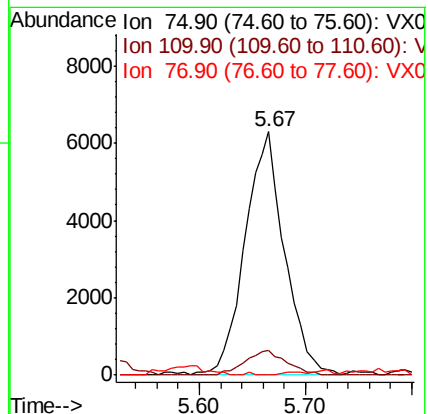
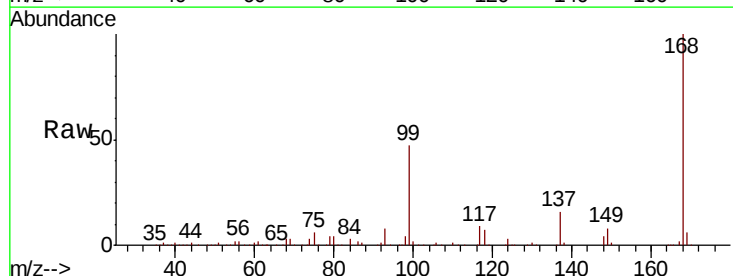
Tgt Ion: 75 Resp: 16351

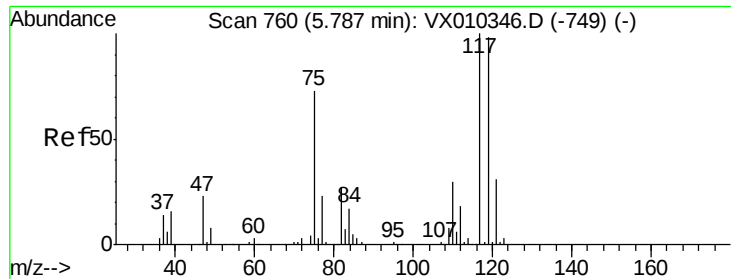
Ion Ratio Lower Upper

75 100

110 10.6 20.8 62.2#

77 0.2 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.875 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-062019

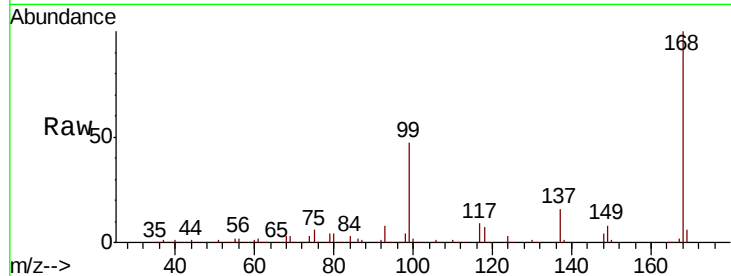
Tot Ion:117 Resp: 24727

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.4#

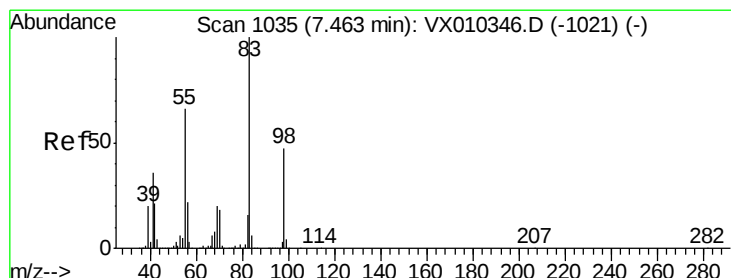
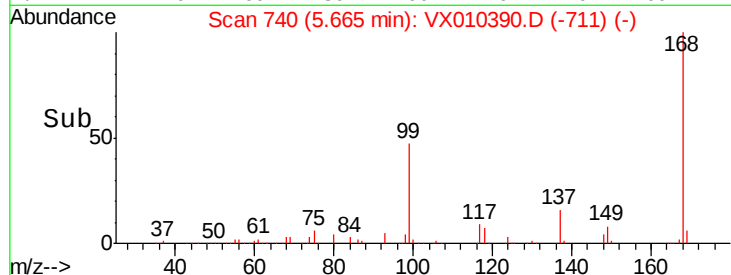
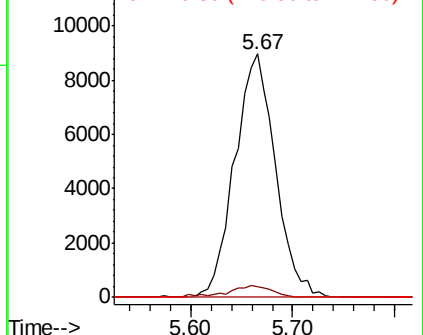
121 0.0 24.7 37.1#



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: 10.081 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

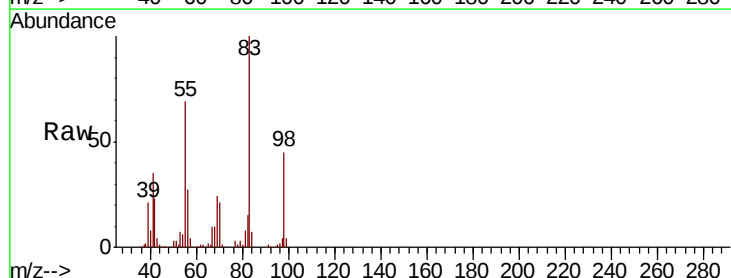
Tgt Ion: 83 Resp: 44012

Ion Ratio Lower Upper

83 100

55 68.7 53.0 79.6

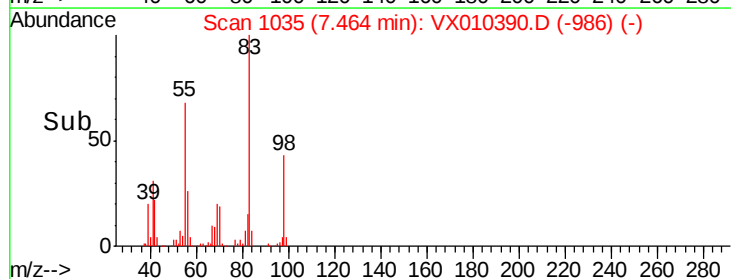
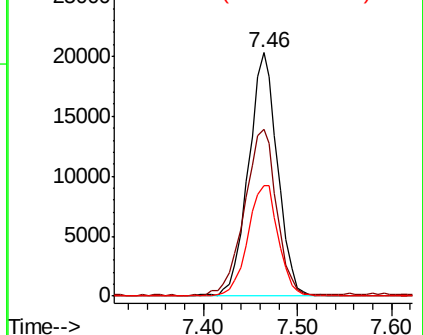
98 45.4 37.8 56.8

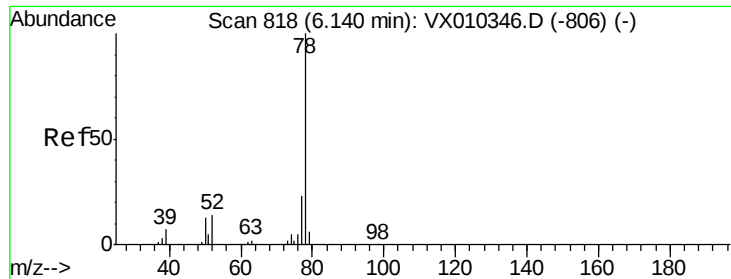


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.508 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

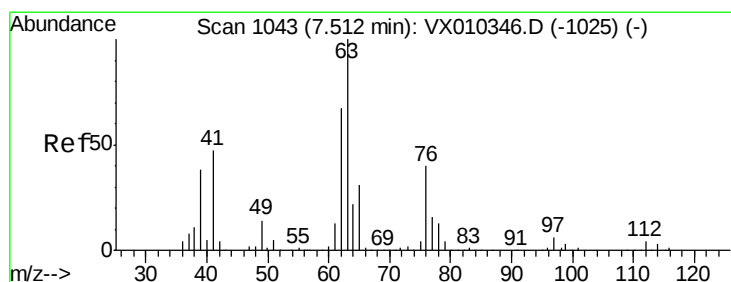
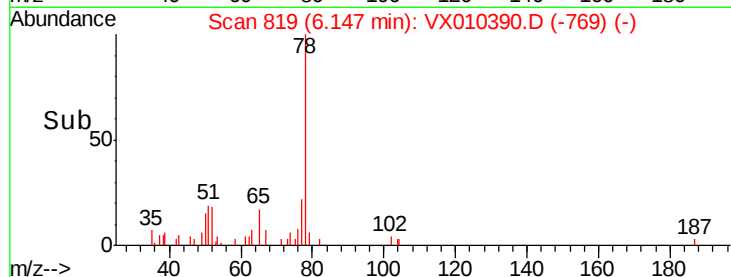
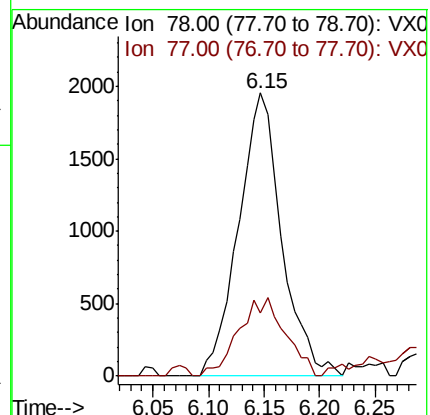
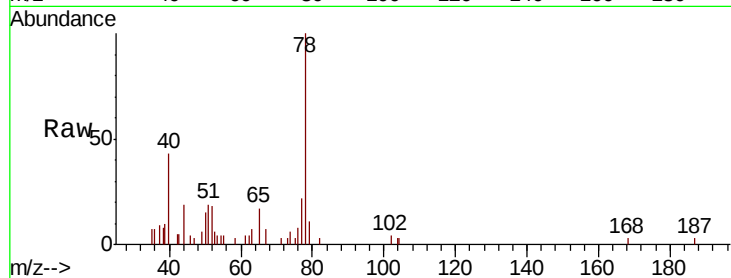
T11-MW-5-9.0-062019

Tot Ion: 78 Resp: 5261

Ion Ratio Lower Upper

78 100

77 22.2 18.6 28.0



#45

1,2-Dichloropropane

Concen: 0.264 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.06 min

Lab File: VX010390.D

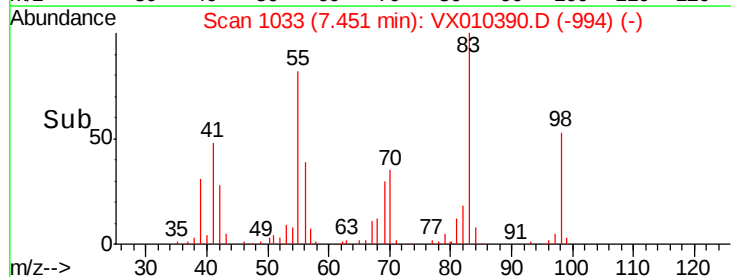
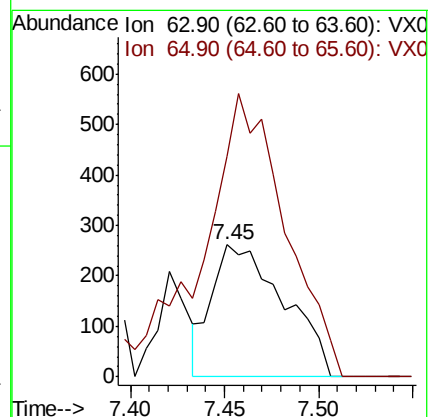
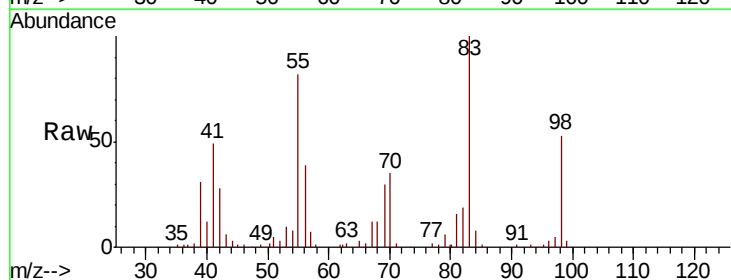
Acq: 21 Jun 2019 17:22

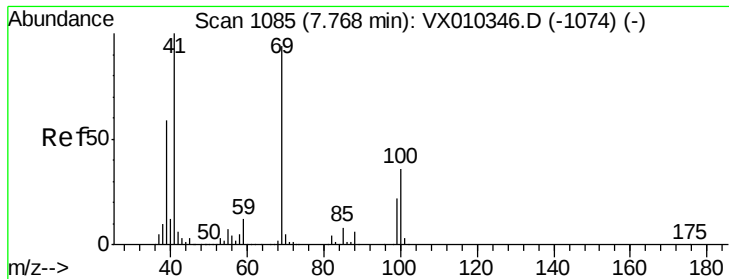
Tgt Ion: 63 Resp: 691

Ion Ratio Lower Upper

63 100

65 167.8 24.8 37.2#

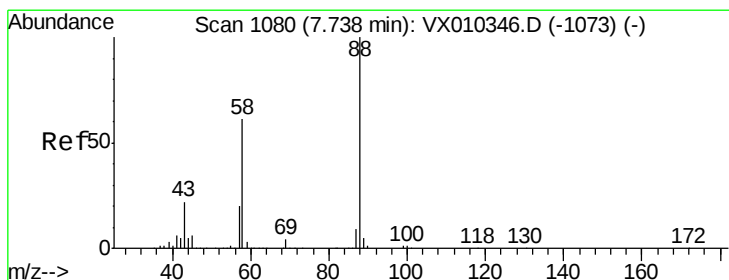
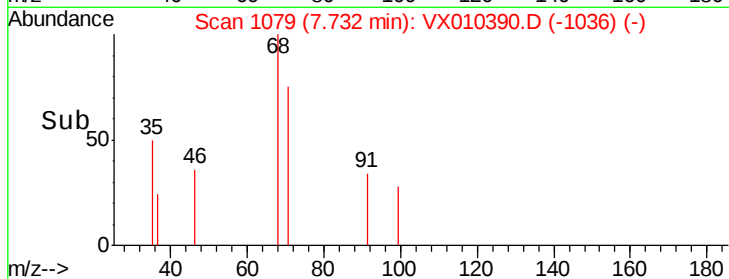
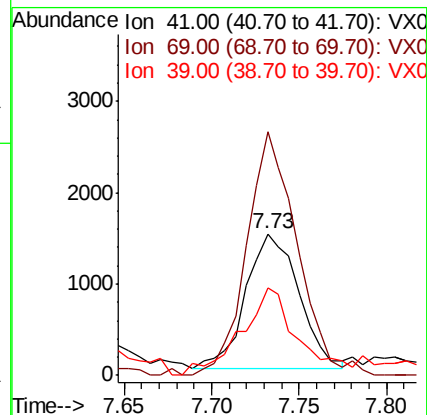
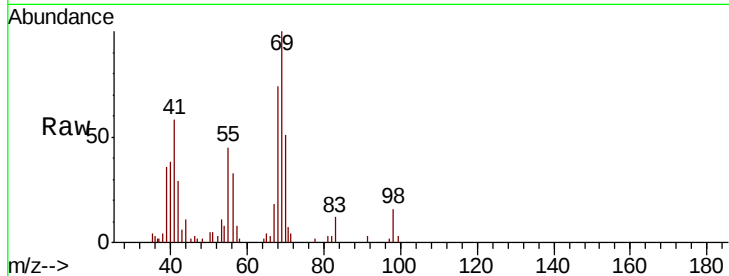




#48
Methvl methacrylate
Concen: 1.176 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

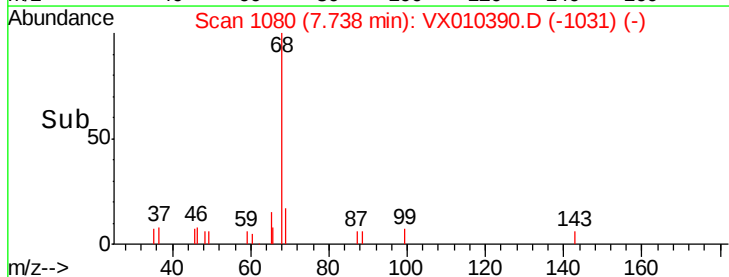
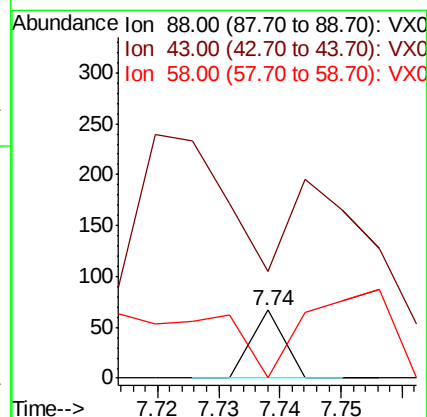
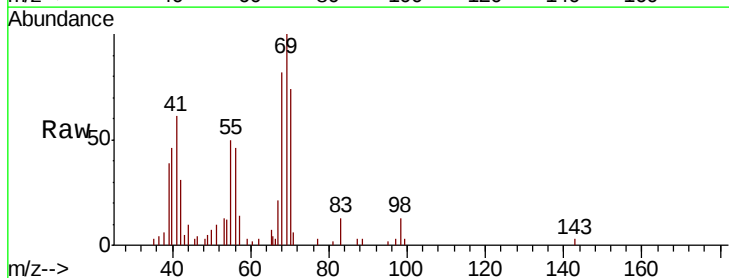
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

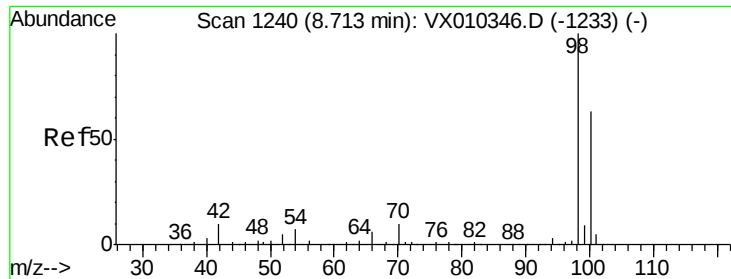
Tot Ion: 41 Resp: 3089
Ion Ratio Lower Upper
41 100
69 173.1 76.1 114.1#
39 69.2 47.6 71.4



#49
1,4-Dioxane
Concen: 0.330 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 476.0 20.2 30.2#
58 332.0 49.5 74.3#





#50

Toluene-d8

Concen: 50.402 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

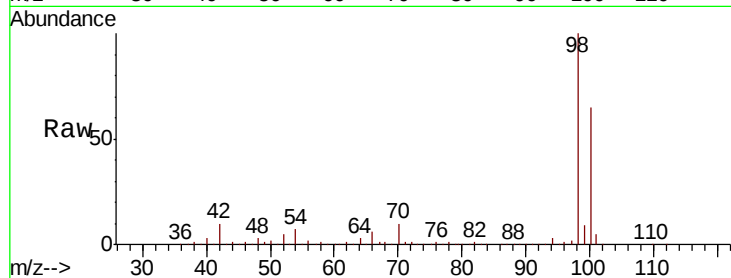
T11-MW-5-9.0-062019

Tot Ion: 98 Resp: 493091

Ion Ratio Lower Upper

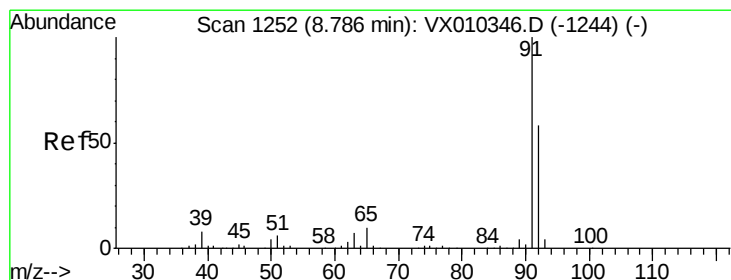
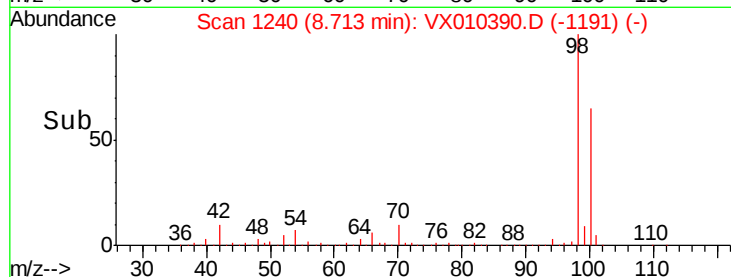
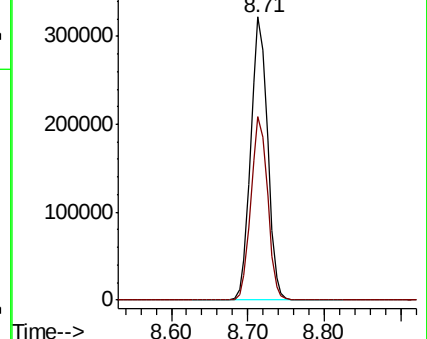
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.591 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010390.D

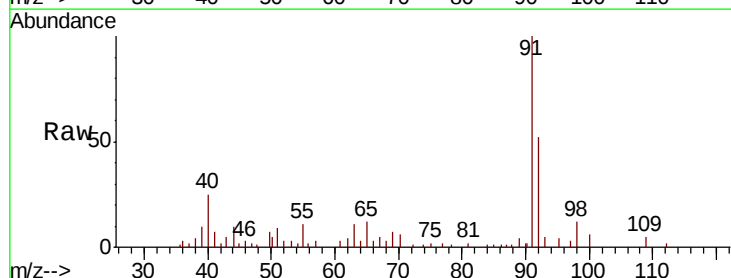
Acq: 21 Jun 2019 17:22

Tgt Ion: 92 Resp: 4027

Ion Ratio Lower Upper

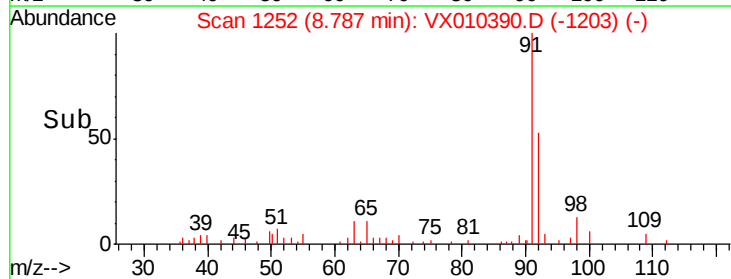
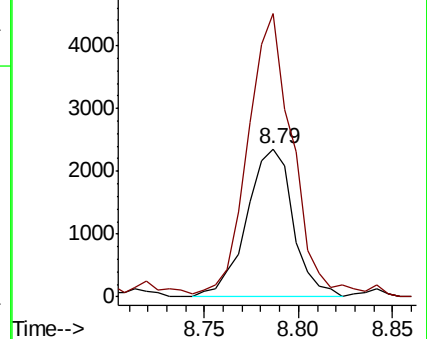
92 100

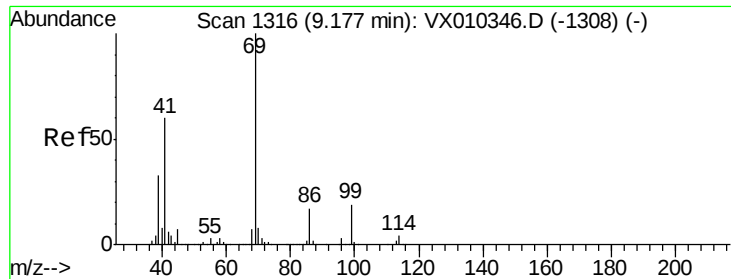
91 187.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#56

Ethyl methacrylate

Concen: 0.274 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-062019

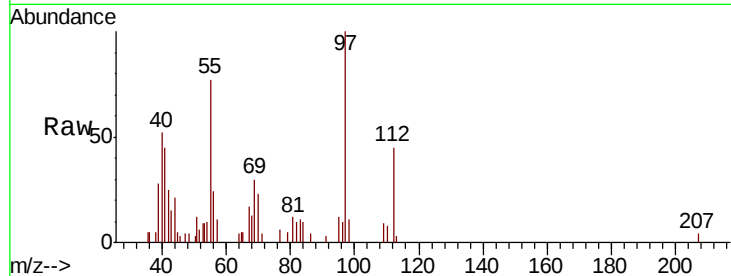
Tot Ion: 69 Resp: 1167

Ion Ratio Lower Upper

69 100

41 129.6 47.1 70.7#

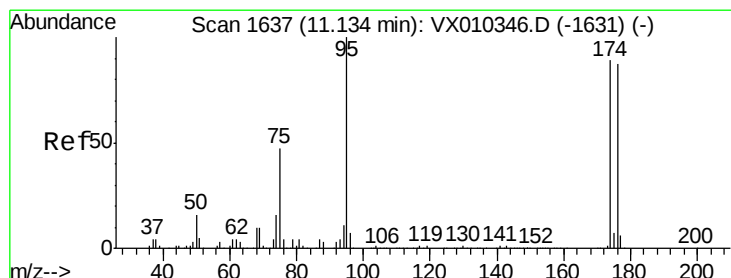
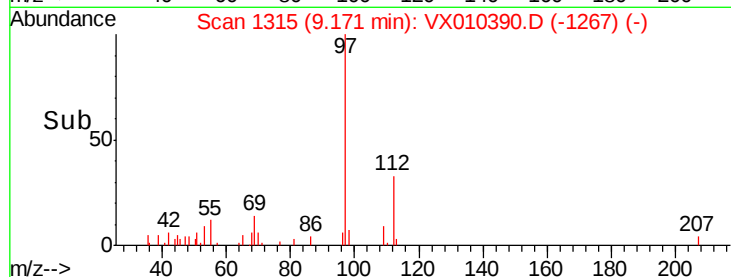
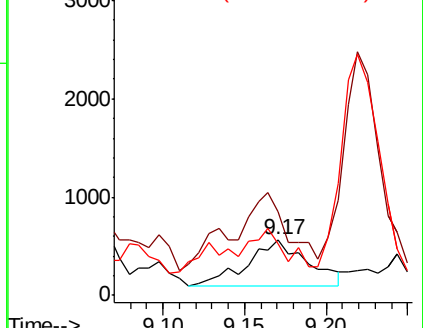
39 66.8 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

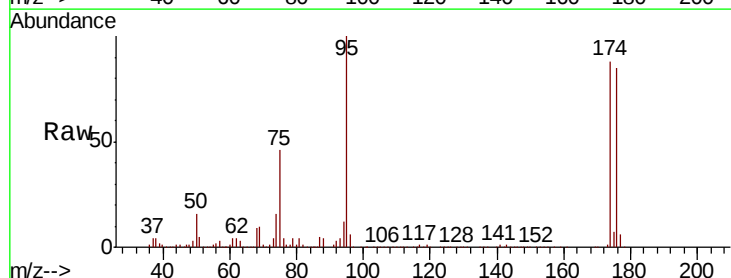
Tgt Ion: 95 Resp: 161963

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

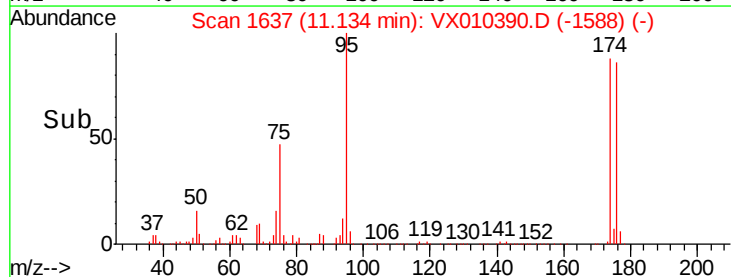
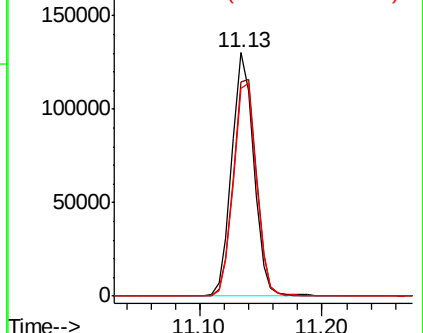
176 90.8 0.0 184.0

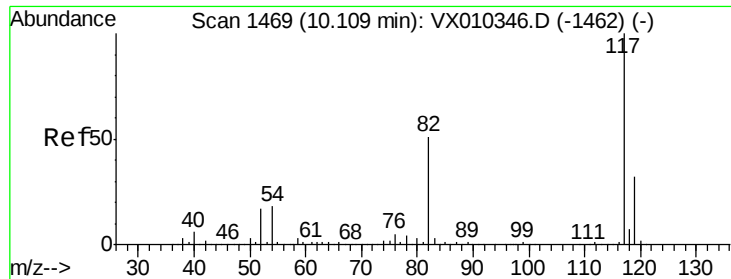


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

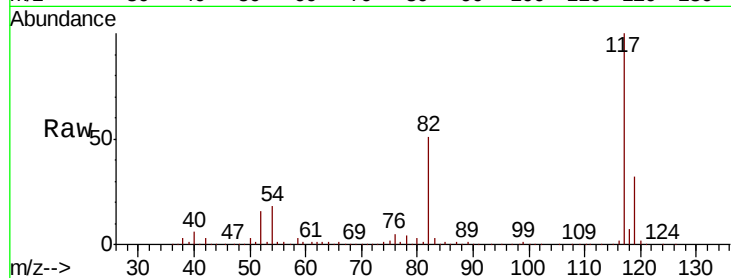




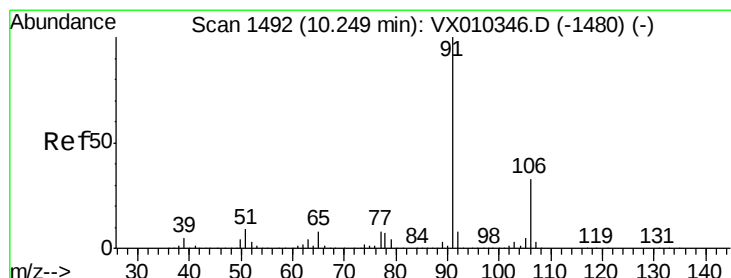
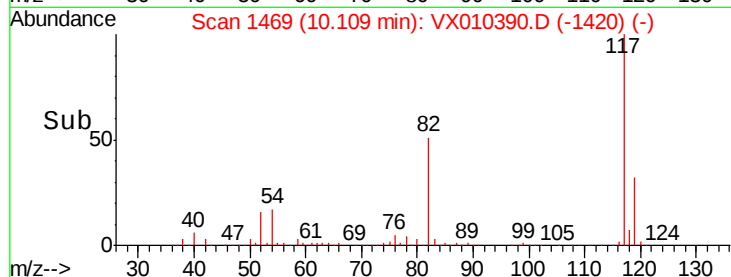
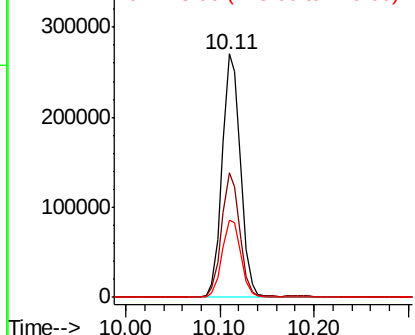
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

Tot Ion:117 Resp: 364293
Ion Ratio Lower Upper
117 100
82 50.9 41.2 61.8
119 31.5 25.5 38.3

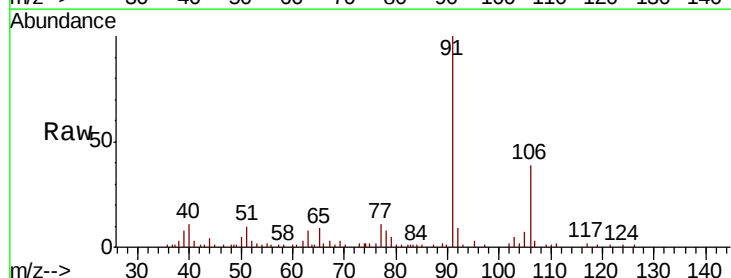


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

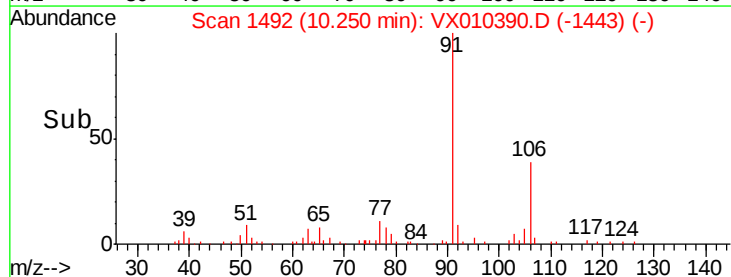
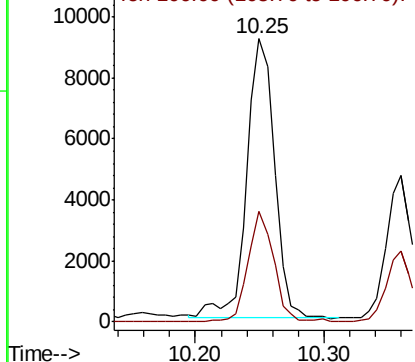


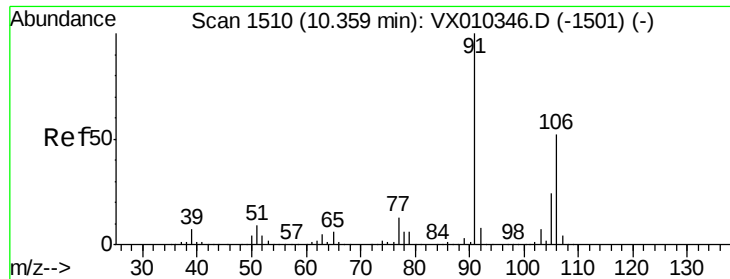
#67
Ethyl Benzene
Concen: 1.093 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion: 91 Resp: 13648
Ion Ratio Lower Upper
91 100
106 39.5 26.2 39.2#



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

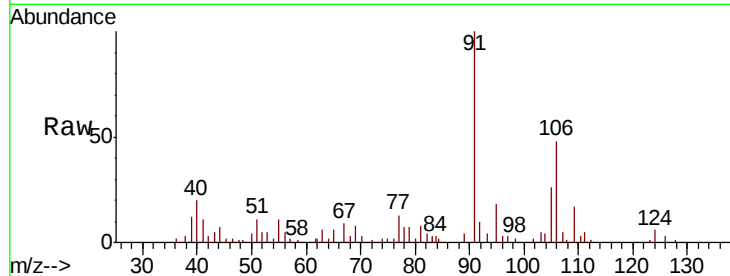




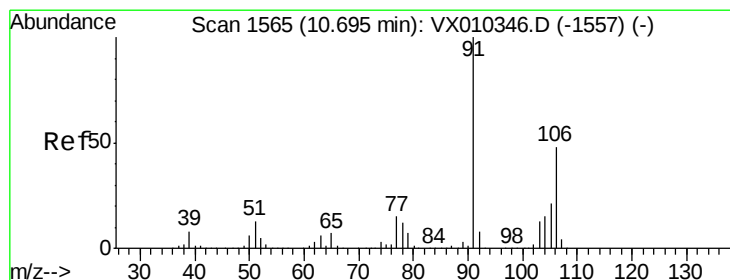
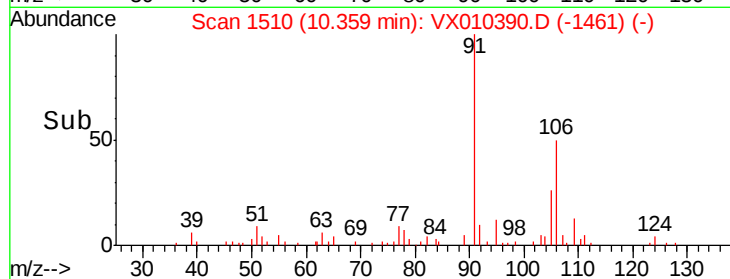
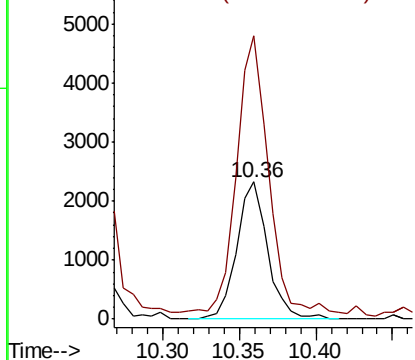
#68
m/p-Xylenes
Concen: 0.674 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

Tot Ion:106 Resp: 3259
Ion Ratio Lower Upper
106 100
91 203.7 155.3 232.9

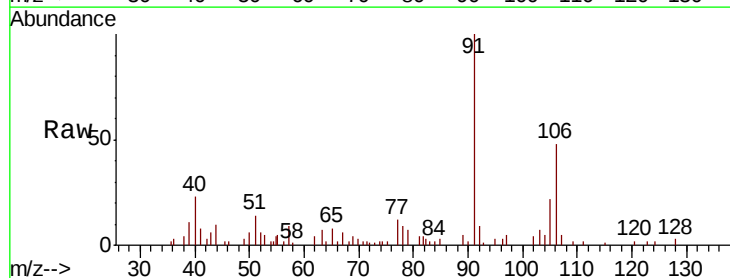


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

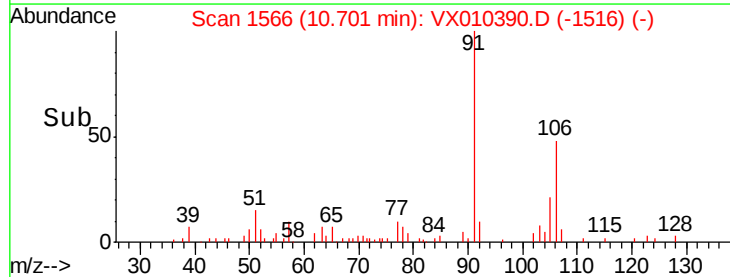
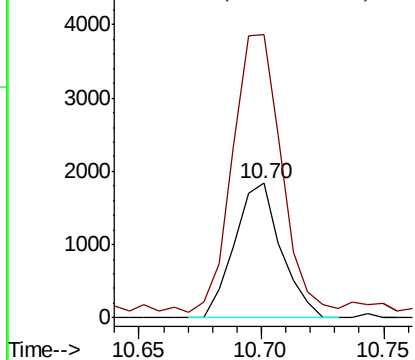


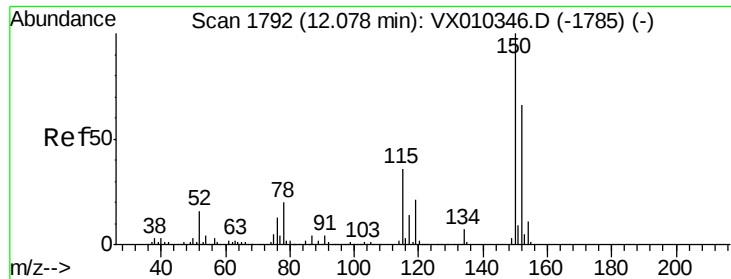
#69
o-Xylene
Concen: 0.510 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion:106 Resp: 2428
Ion Ratio Lower Upper
106 100
91 215.6 102.7 308.1



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



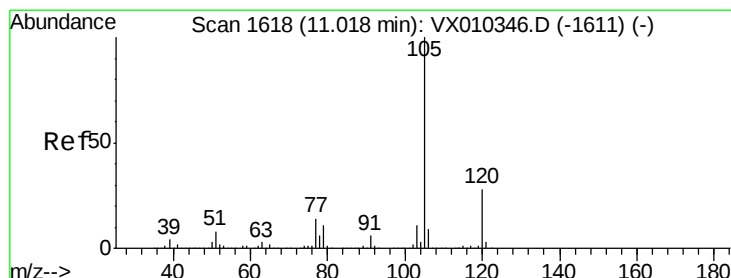
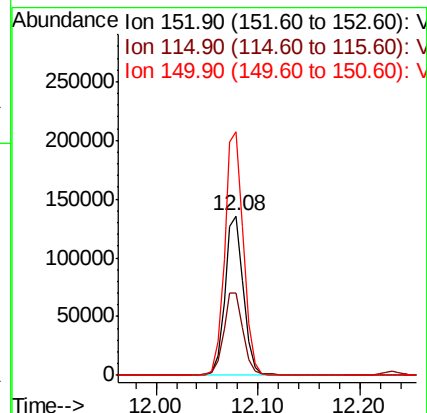
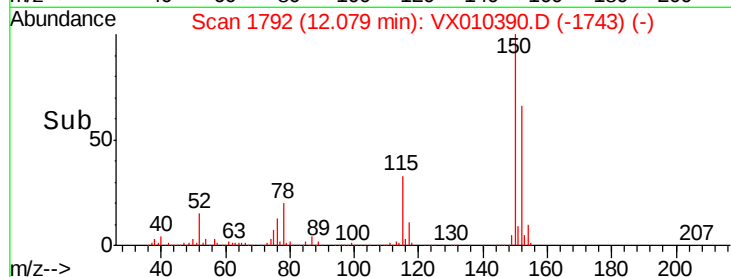
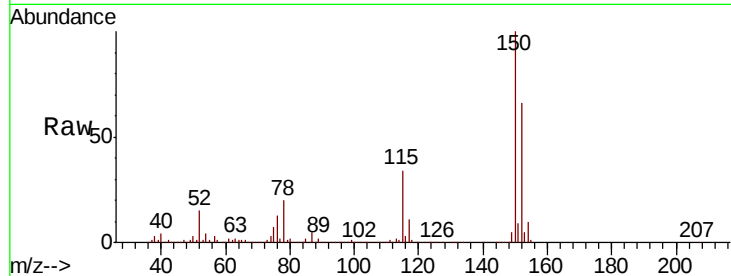


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

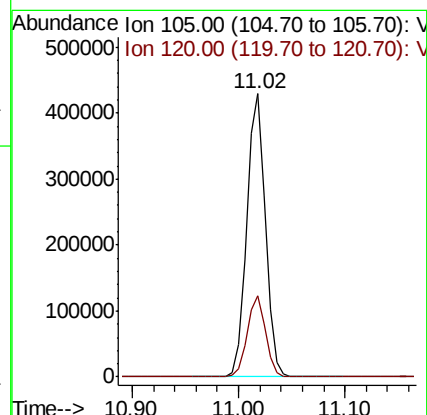
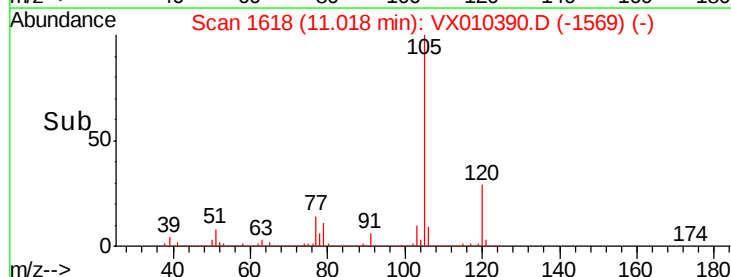
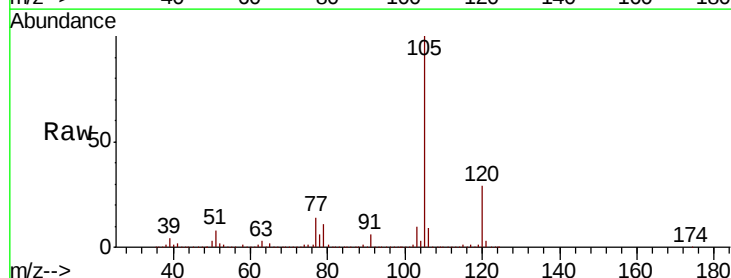
Tot Ion:152 Resp: 170011
Ion Ratio Lower Upper
152 100
115 53.8 38.6 115.7
150 155.0 0.0 347.4

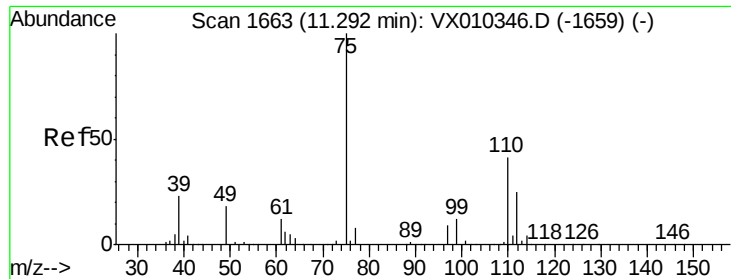


#73

Isopropylbenzene
Concen: 45.694 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion:105 Resp: 526607
Ion Ratio Lower Upper
105 100
120 28.2 14.1 42.4





#76

1,2,3-Trichloropropane

Concen: 3.497 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

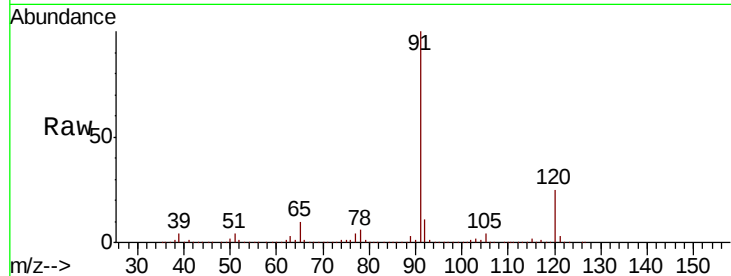
T11-MW-5-9.0-062019

Tot Ion: 75 Resp: 10834

Ion Ratio Lower Upper

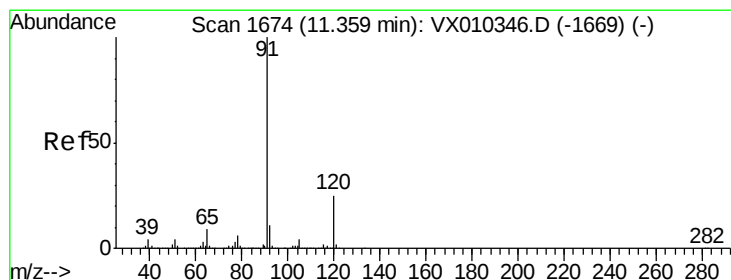
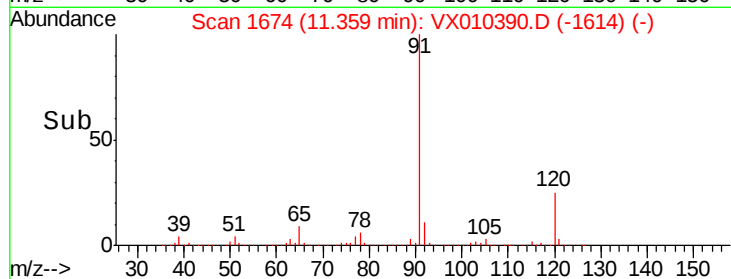
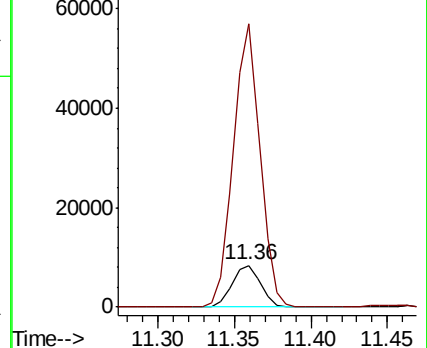
75 100

77 634.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 145.533 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010390.D

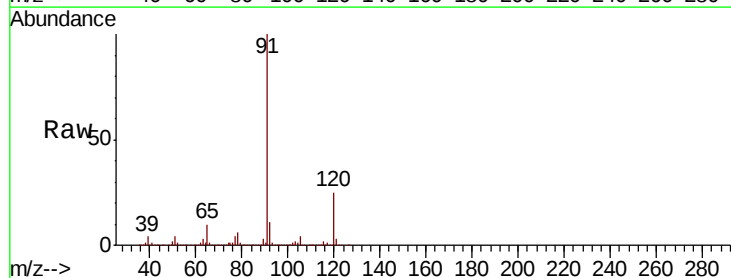
Acq: 21 Jun 2019 17:22

Tgt Ion: 91 Resp: 1843339

Ion Ratio Lower Upper

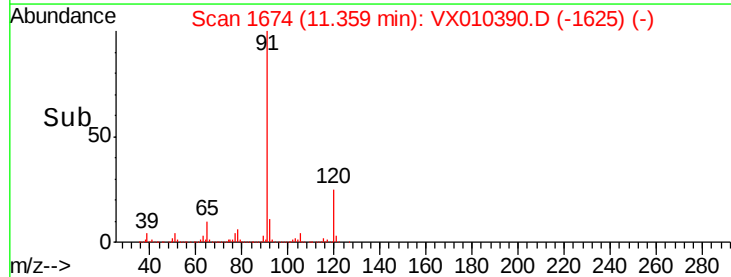
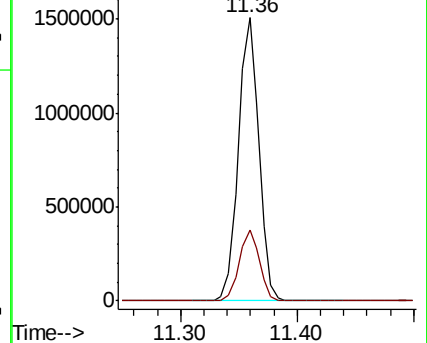
91 100

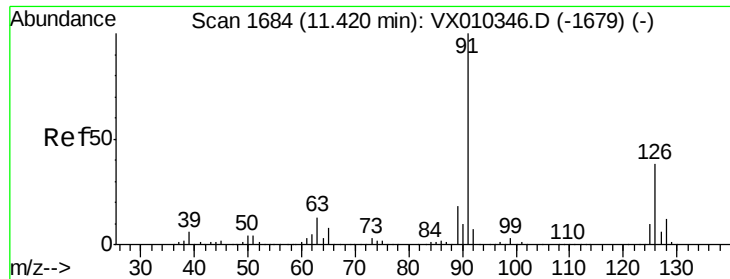
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

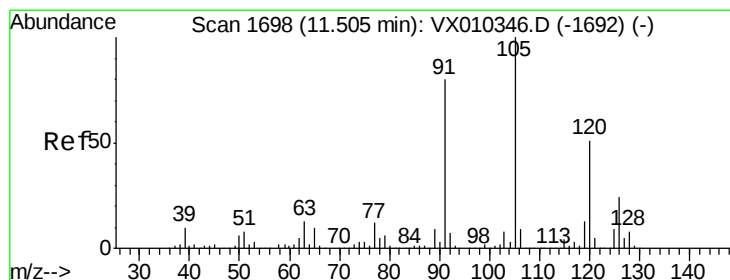
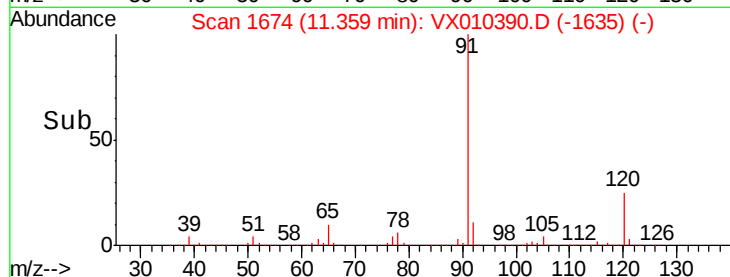
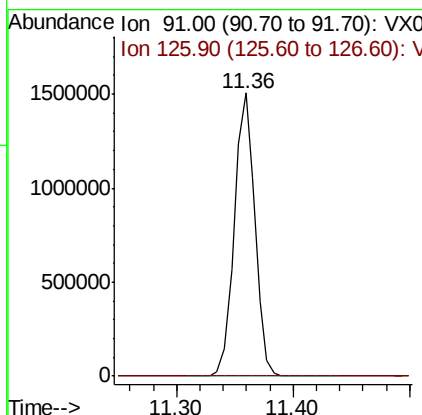
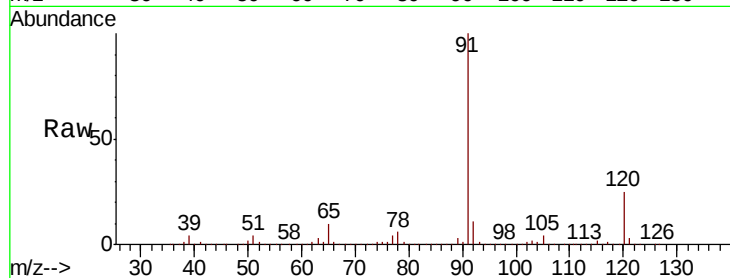




#79
2-Chlorotoluene
Concen: 244.399 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

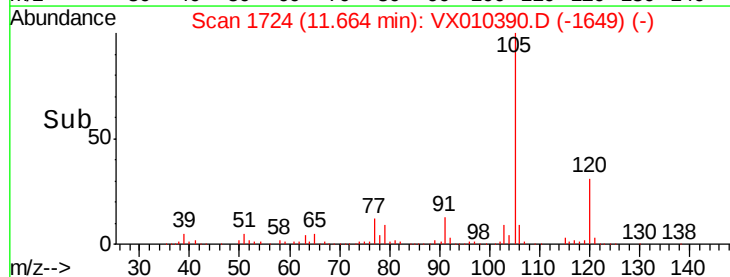
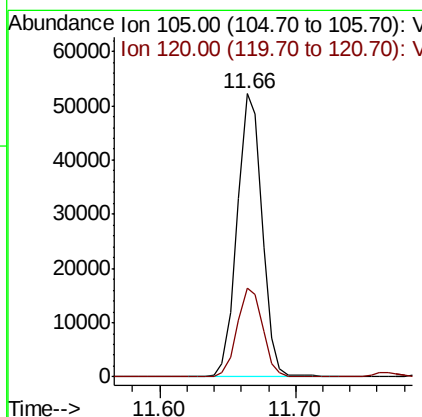
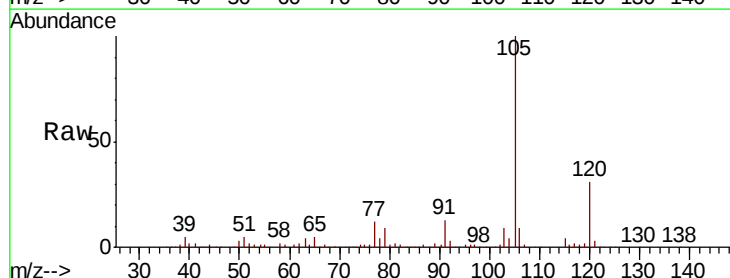
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

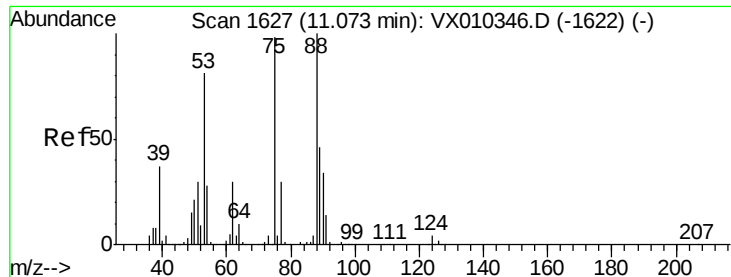
Tot Ion: 91 Resp: 1843339
Ion Ratio Lower Upper
91 100
126 0.0 18.7 56.1#



#80
1,3,5-Trimethylbenzene
Concen: 7.021 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. 0.16 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion:105 Resp: 66705
Ion Ratio Lower Upper
105 100
120 32.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.399 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-062019

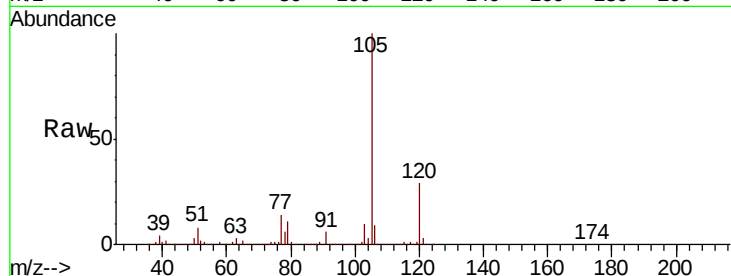
Tot Ion: 75 Resp: 5842

Ion Ratio Lower Upper

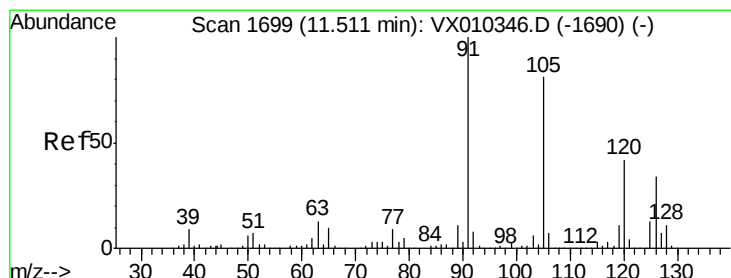
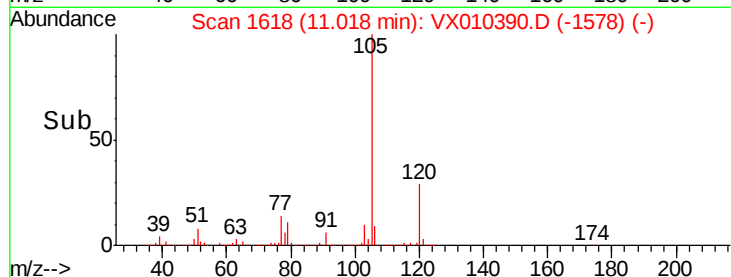
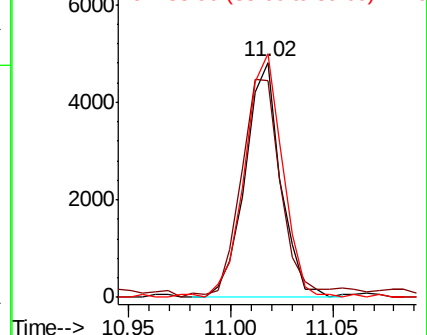
75 100

53 107.6 66.1 99.1#

89 109.9 37.8 56.6#



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: 214.781 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010390.D

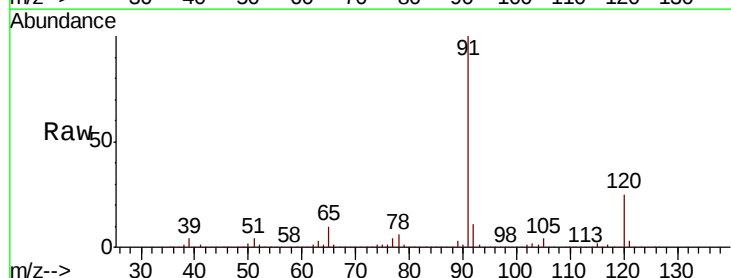
Acq: 21 Jun 2019 17:22

Tgt Ion: 91 Resp: 1843339

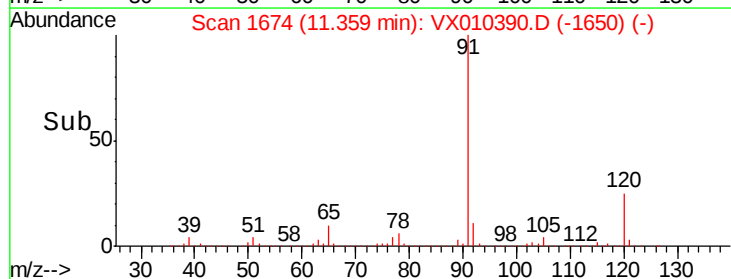
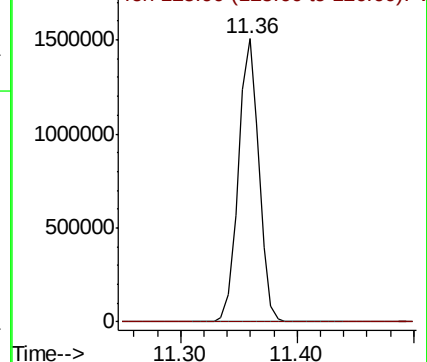
Ion Ratio Lower Upper

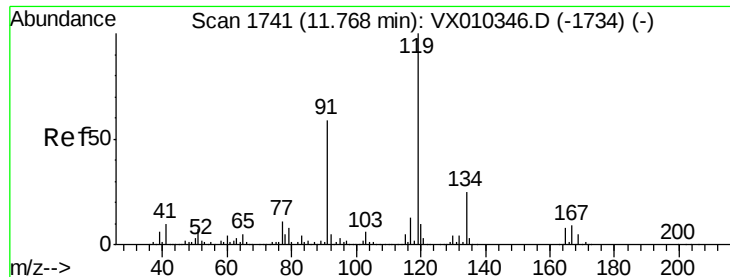
91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

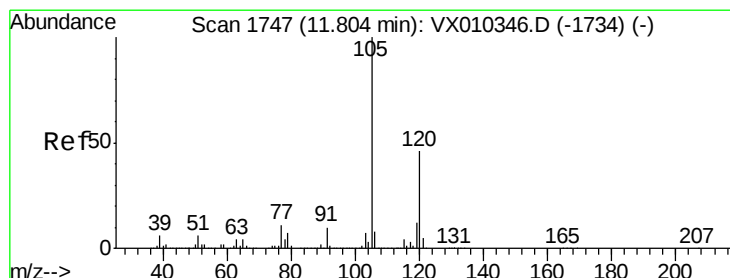
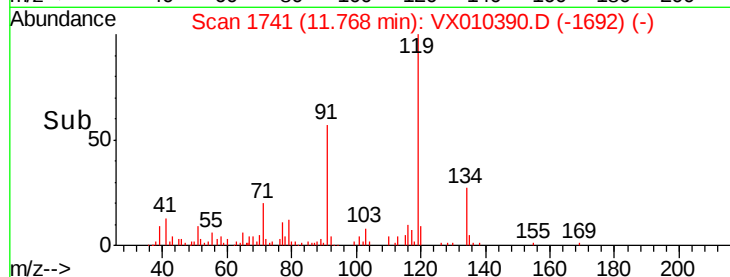
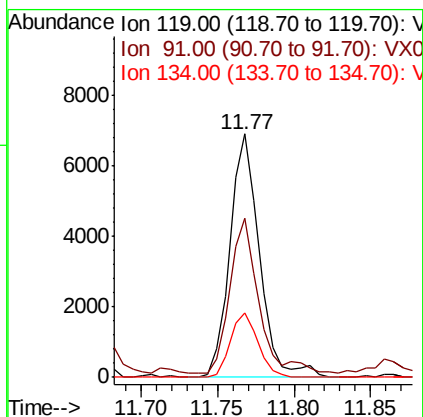
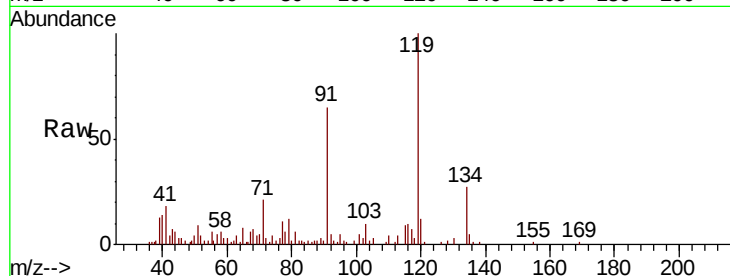




#83
tert-Butylbenzene
Concen: 0.971 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

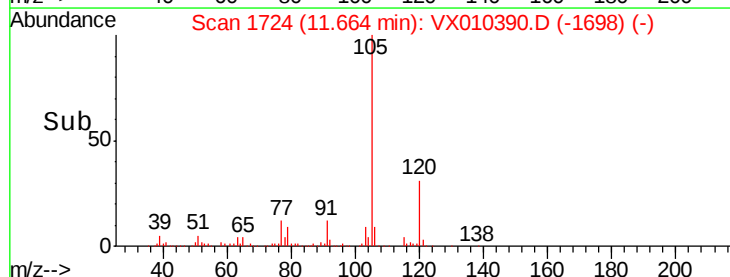
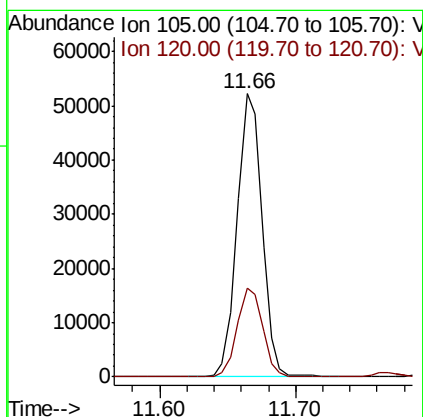
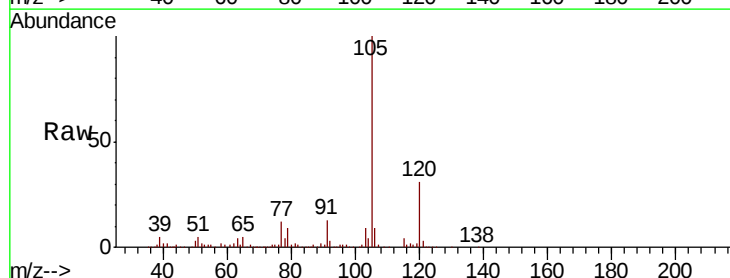
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

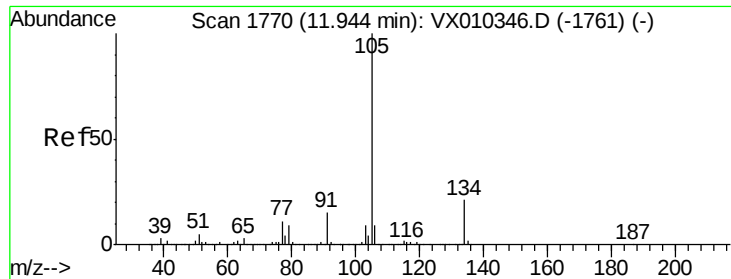
Tot Ion:119 Resp: 9261
Ion Ratio Lower Upper
119 100
91 62.0 27.6 82.7
134 24.4 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 6.988 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. -0.14 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion:105 Resp: 66705
Ion Ratio Lower Upper
105 100
120 32.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 10.465 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

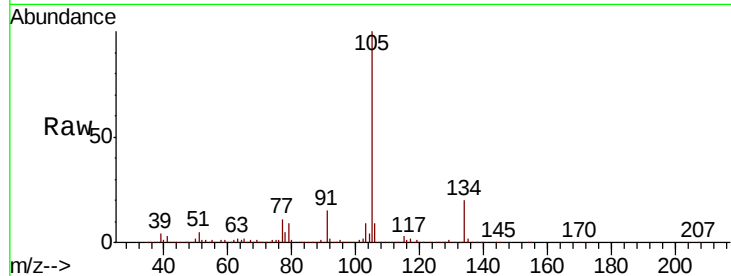
T11-MW-5-9.0-062019

Tot Ion:105 Resp: 117167

Ion Ratio Lower Upper

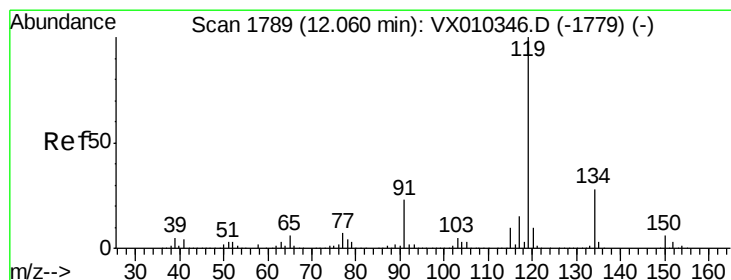
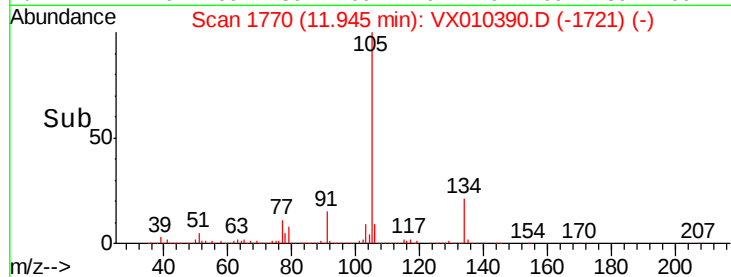
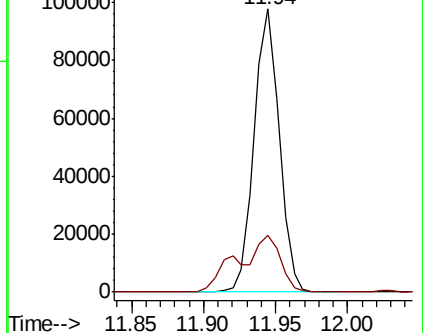
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.951 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

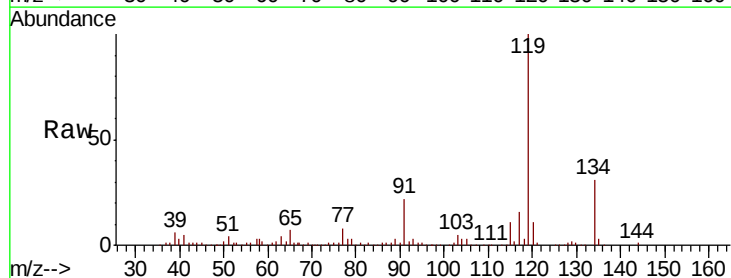
Tgt Ion:119 Resp: 40914

Ion Ratio Lower Upper

119 100

134 30.0 13.7 41.1

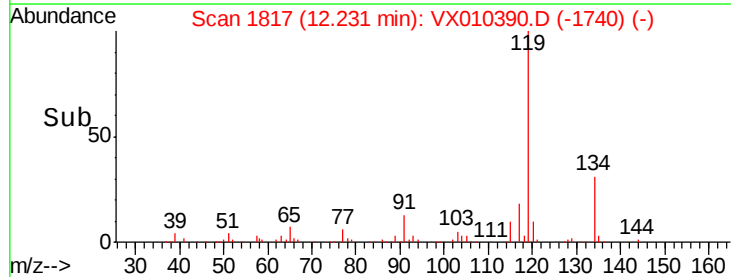
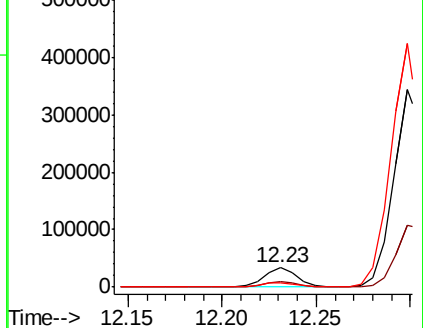
91 0.0 11.3 33.8#

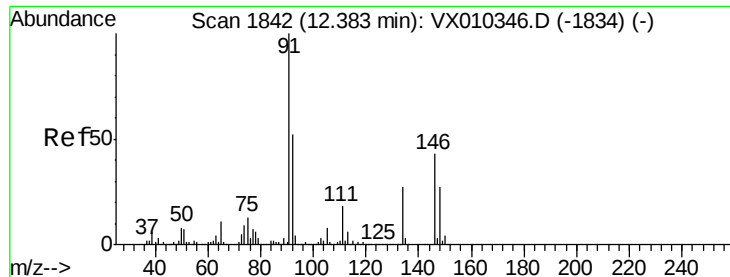


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

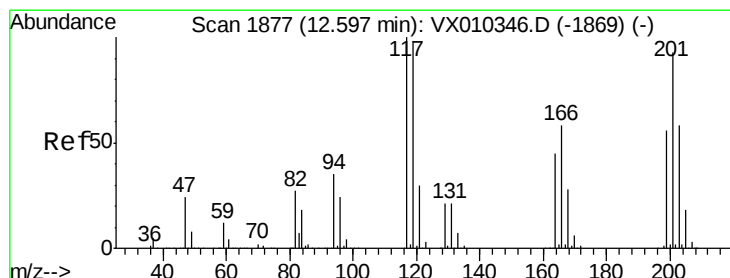
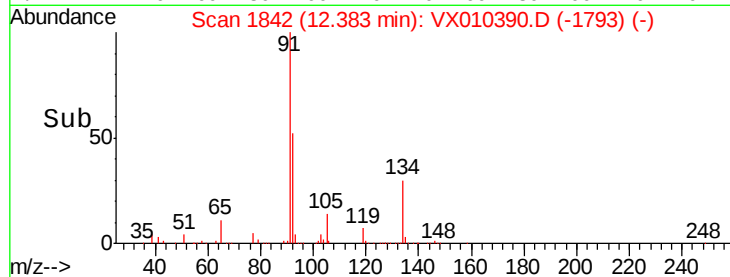
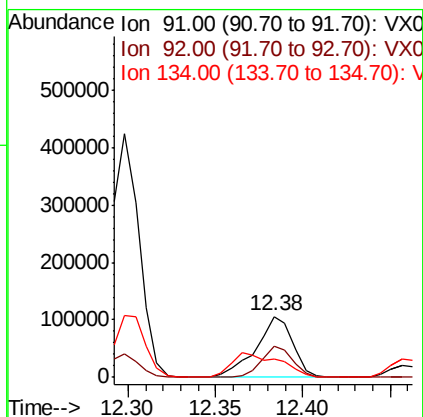
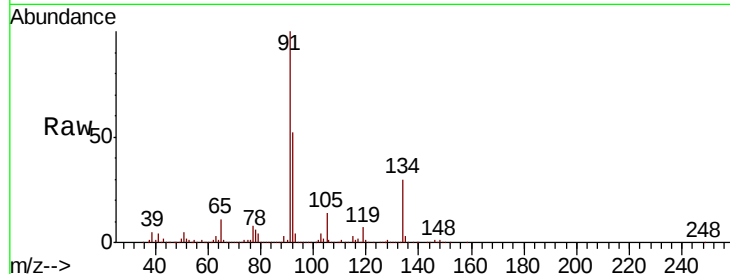




#89
n-Butylbenzene
Concen: 17.631 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

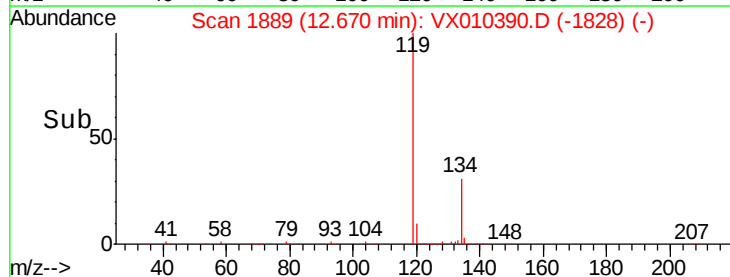
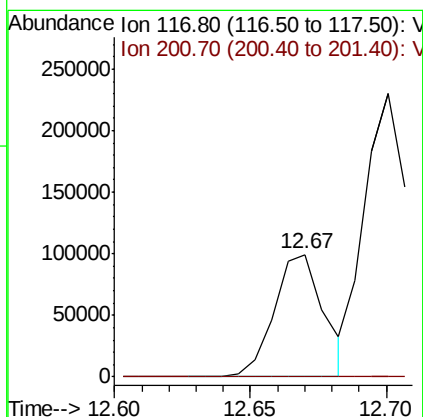
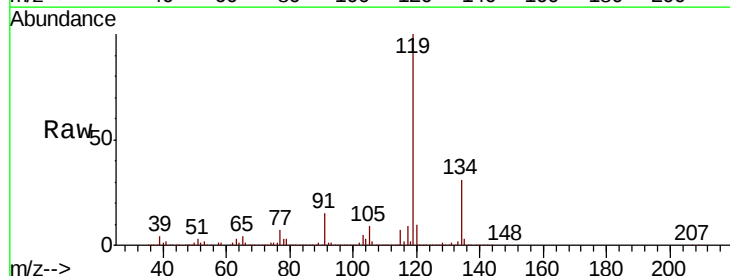
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

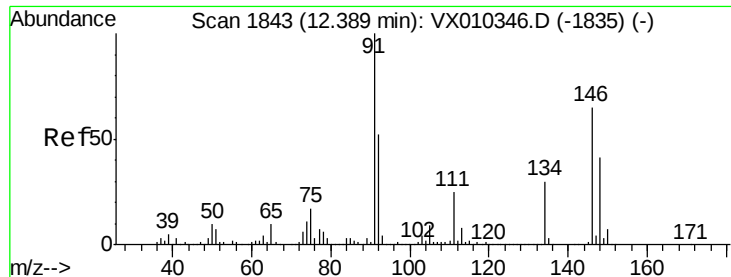
Tot Ion: 91 Resp: 155159
Ion Ratio Lower Upper
91 100
92 43.8 26.2 78.5
134 52.7 14.1 42.4#



#90
Hexachloroethane
Concen: 69.858 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Tgt Ion: 117 Resp: 125095
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#91

1,2-Dichlorobenzene

Concen: 0.439 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-062019

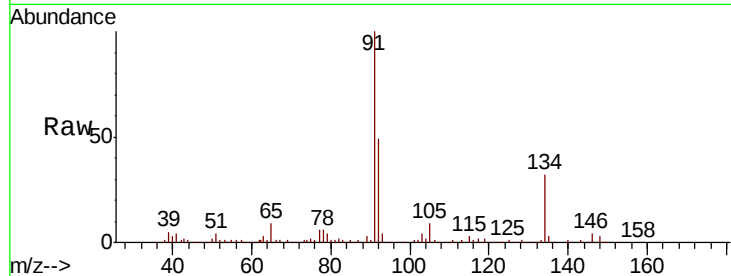
Tot Ion:146 Resp: 2450

Ion Ratio Lower Upper

146 100

111 43.9 19.2 57.6

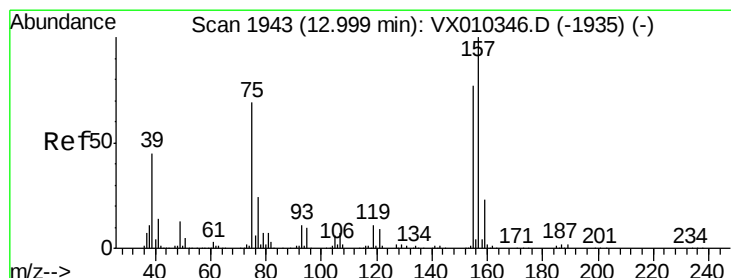
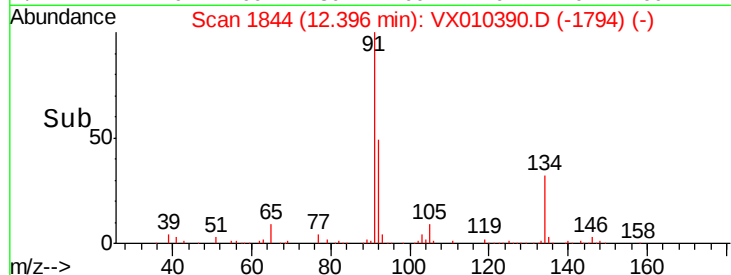
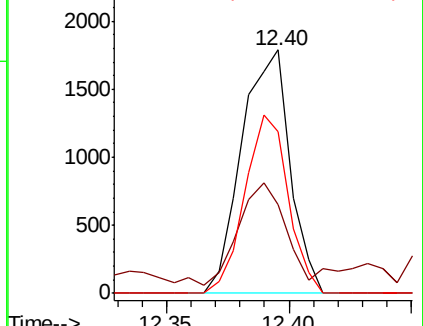
148 65.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.182 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010390.D

Acq: 21 Jun 2019 17:22

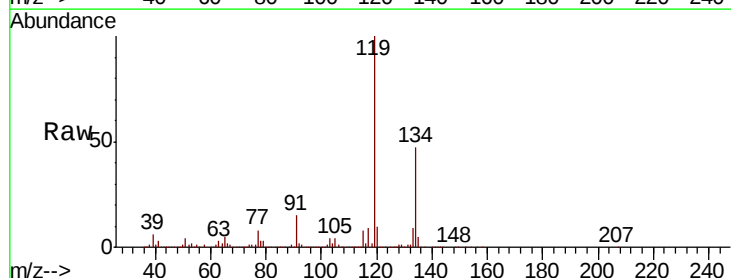
Tgt Ion: 75 Resp: 5910

Ion Ratio Lower Upper

75 100

155 0.3 54.4 163.1#

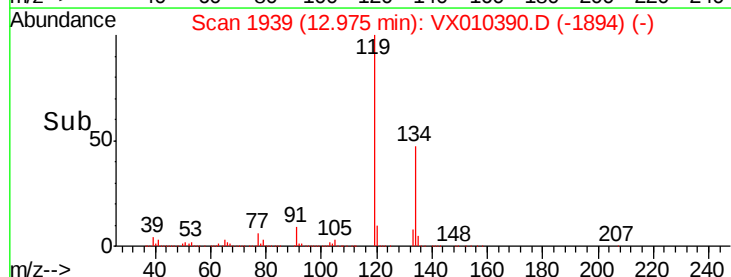
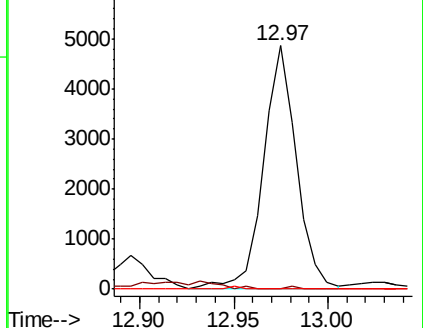
157 0.0 69.5 208.3#

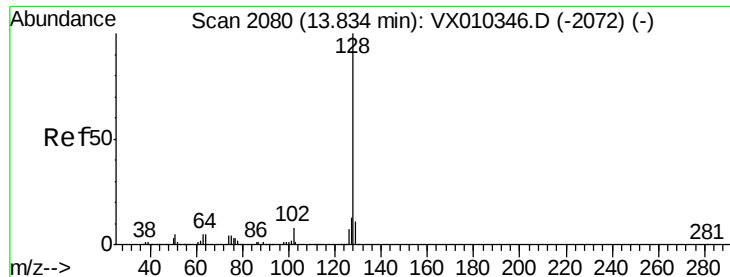


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.243 ug/l
RT: 13.85 min Scan# 2083
Delta R.T. 0.02 min
Lab File: VX010390.D
Acq: 21 Jun 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-062019

Tot Ion	Ratio	Lower	Upper
128	100		
127	28.3	10.2	15.4#
129	82.5	8.9	13.3#

