

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010361.D
 Acq On : 20 Jun 2019 16:48
 Operator : JC/SP
 Sample : K3469-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-061919

Quant Time: Jun 21 01:22:37 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	309564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	412484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196870	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142425	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	143663	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.71	98	556202	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	183329	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds					Qvalue
3) Chloromethane	1.32	50	932	0.372	ug/l # 76
5) Bromomethane	1.65	94	789	0.590	ug/l # 91
6) Chloroethane	1.87	64	953	0.588	ug/l # 57
10) Methyl Iodide	2.52	142	856	0.227	ug/l # 87
11) Tert butyl alcohol	3.04	59	1089	1.434	ug/l # 74
13) Acrolein	2.31	56	183	0.363	ug/l # 14
15) Acrylonitrile	3.16	53	403	0.268	ug/l # 18
16) Acetone	2.45	43	27930	19.201	ug/l # 95
17) Carbon Disulfide	2.57	76	2058	0.286	ug/l # 94
18) Methyl Acetate	2.85	43	4122	1.422	ug/l # 52
19) Methyl tert-butyl Ether	3.20	73	6349	0.752	ug/l # 1
29) Tetrahydrofuran	5.15	42	277	0.210	ug/l # 34
31) Cyclohexane	5.58	56	9538	2.275	ug/l # 81
36) 1,1-Dichloropropene	5.66	75	18341	4.896	ug/l # 48
38) Carbon Tetrachloride	5.67	117	27222	6.710	ug/l # 15
39) Methylcyclohexane	7.46	83	24757	5.028	ug/l # 96
40) Benzene	6.15	78	3106	0.266	ug/l # 98
48) Methyl methacrylate	7.73	41	2500	0.844	ug/l # 46
49) 1,4-Dioxane	7.77	88	20	0.234	ug/l # 1
51) 4-Methyl-2-Pentanone	8.65	43	1616	0.396	ug/l # 84
52) Toluene	8.79	92	1899	0.247	ug/l # 96
55) 1,1,2-Trichloroethane	9.16	97	5663	1.787	ug/l # 20
56) Ethyl methacrylate	9.17	69	1646	0.343	ug/l # 39
67) Ethyl Benzene	10.25	91	3109	0.220	ug/l # 97
73) Isopropylbenzene	11.02	105	319133	23.913	ug/l # 100
74) N-amyl acetate	10.91	43	1726	0.342	ug/l # 1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3398	0.769	ug/l # 36
76) 1,2,3-Trichloropropane	11.36	75	6558	1.828	ug/l # 1
78) n-propylbenzene	11.36	91	1138999	77.657	ug/l # 100
79) 2-Chlorotoluene	11.36	91	1138999	130.411	ug/l # 38
80) 1,3,5-Trimethylbenzene	11.66	105	58842	5.348	ug/l # 73
81) trans-1,4-Dichloro-2-buten	11.02	75	3396	2.208	ug/l # 42
82) 4-Chlorotoluene	11.36	91	1138999	114.607	ug/l # 42
83) tert-Butylbenzene	11.77	119	43466	3.936	ug/l # 94

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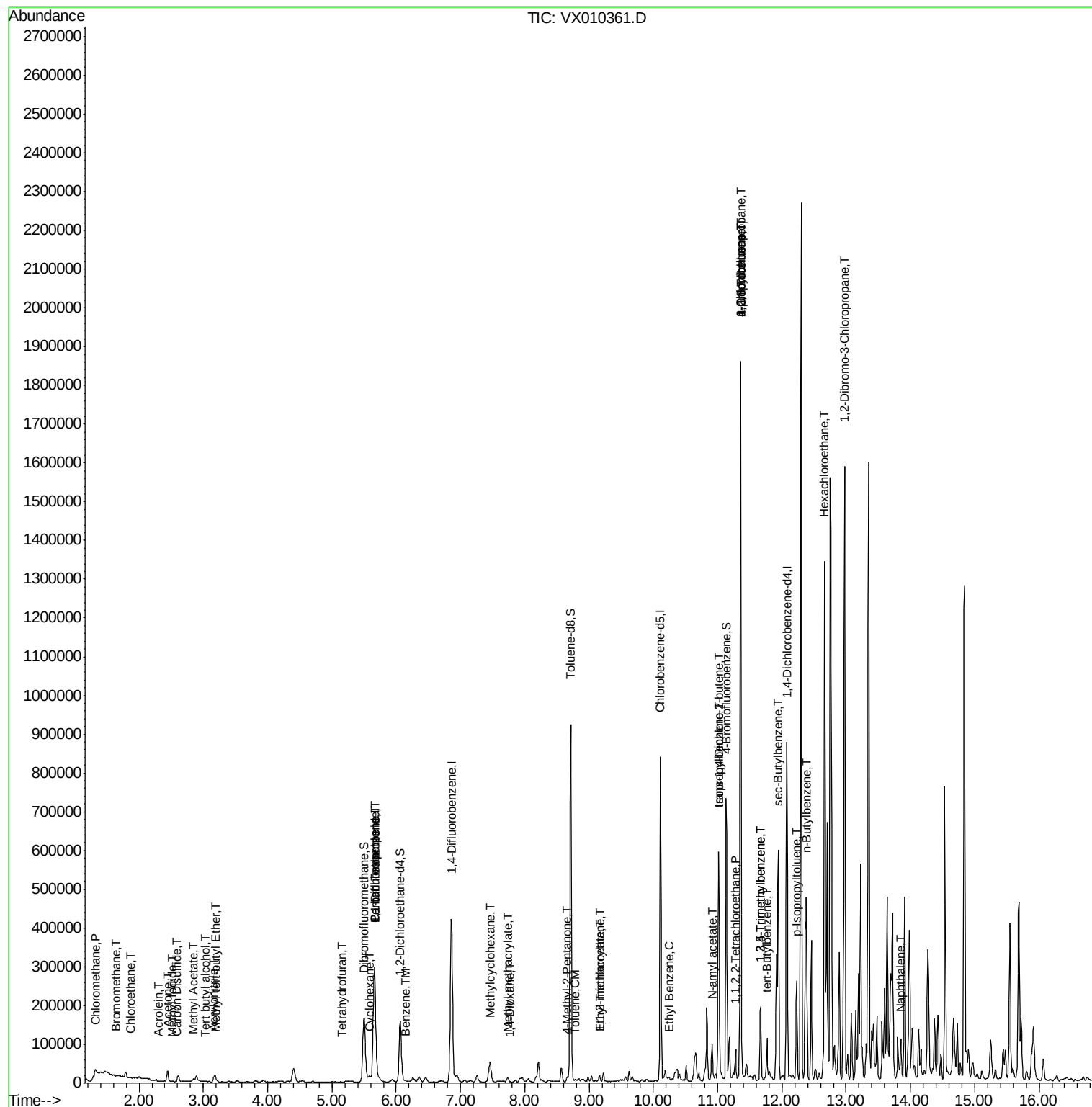
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.66	105	58842	5.324	ug/l	78
85) sec-Butylbenzene	11.94	105	325064	25.072	ug/l	96
86) p-Isopropyltoluene	12.23	119	112299	9.364	ug/l	98
89) n-Butylbenzene	12.38	91	218677	21.459	ug/l #	85
90) Hexachloroethane	12.67	117	61395	29.608	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	5005	5.252	ug/l #	1
95) Naphthalene	13.83	128	10783	0.783	ug/l #	85

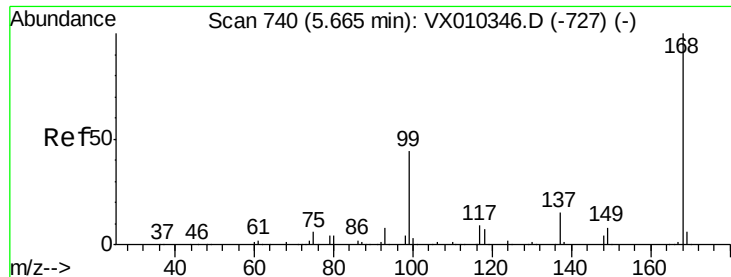
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

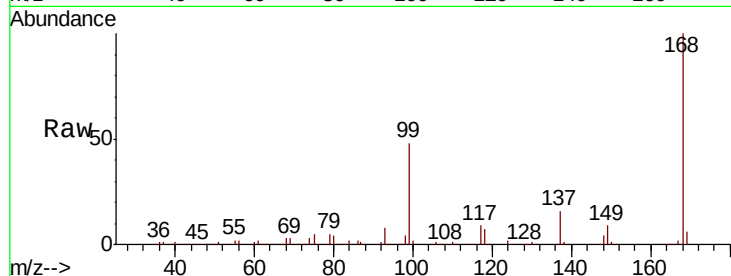
T3-MW-3-9.0-061919

Tot Ion:168 Resp: 309564

Ion Ratio Lower Upper

168 100

99 48.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

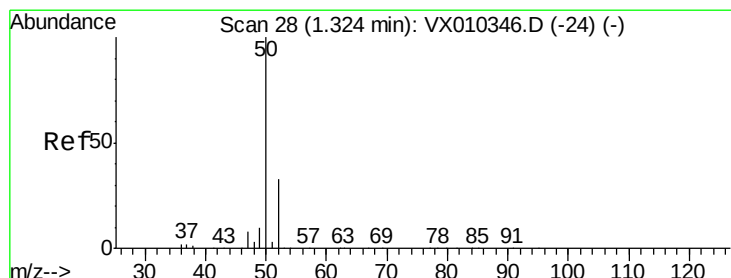
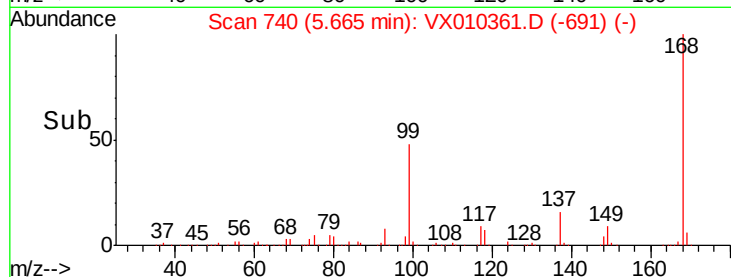
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.372 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010361.D

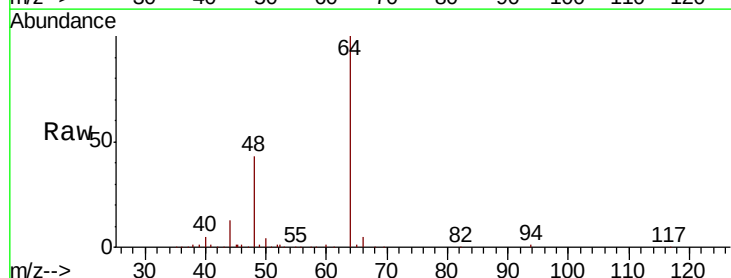
Acq: 20 Jun 2019 16:48

Tgt Ion: 50 Resp: 932

Ion Ratio Lower Upper

50 100

52 46.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

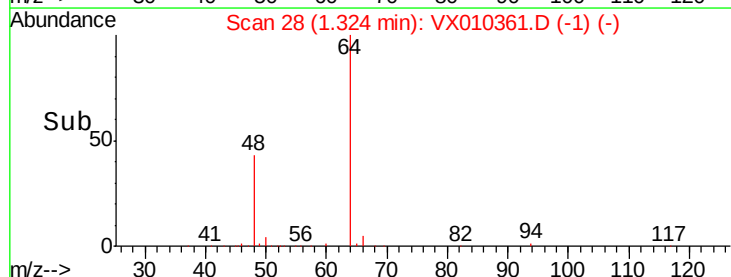
600

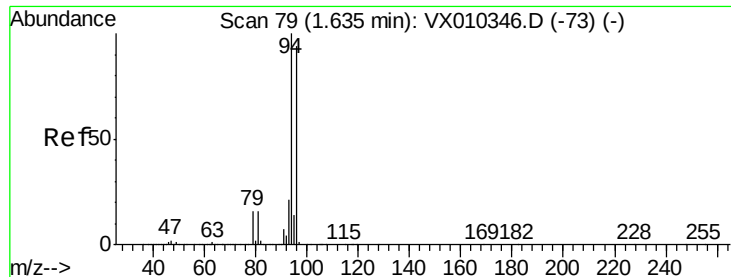
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.590 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

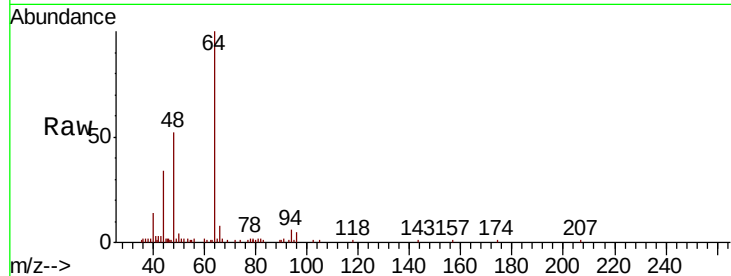
T3-MW-3-9.0-061919

Tot Ion: 94 Resp: 789

Ion Ratio Lower Upper

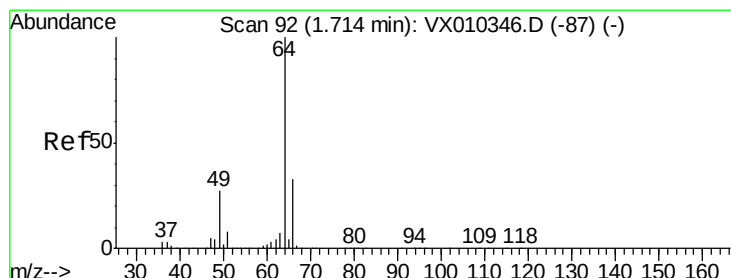
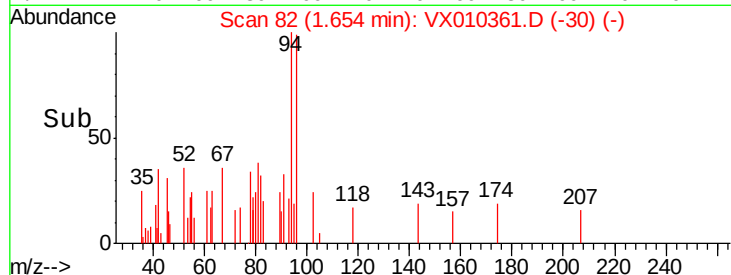
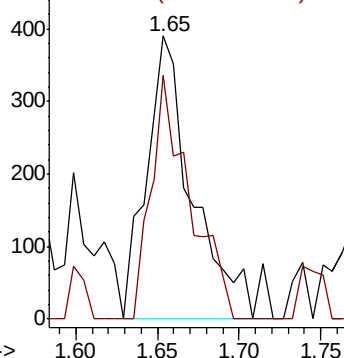
94 100

96 85.9 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: 0.588 ug/l

RT: 1.87 min Scan# 117

Delta R.T. 0.15 min

Lab File: VX010361.D

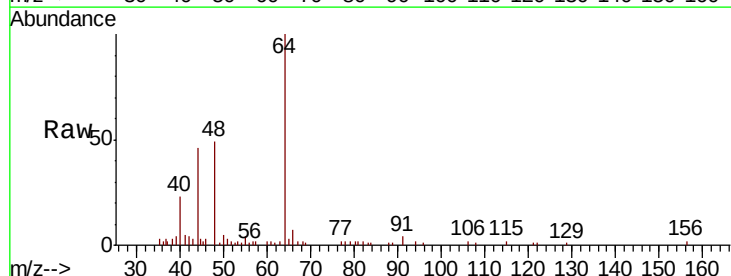
Acq: 20 Jun 2019 16:48

Tgt Ion: 64 Resp: 953

Ion Ratio Lower Upper

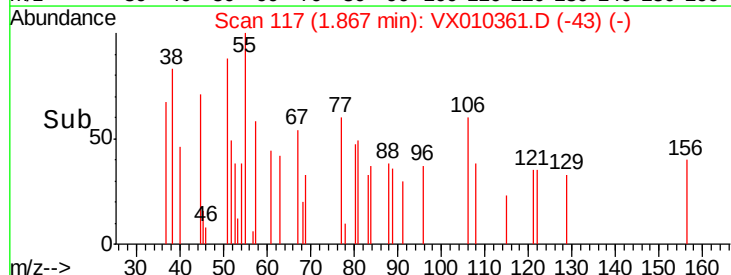
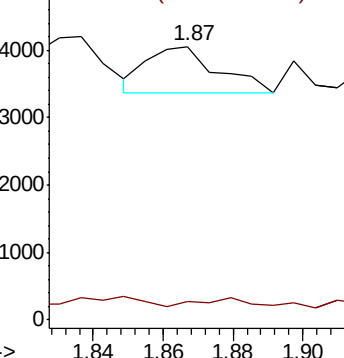
64 100

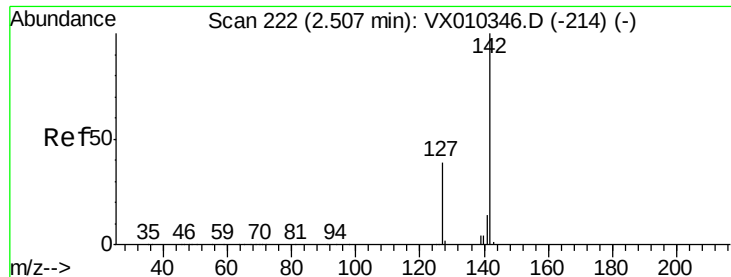
66 8.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

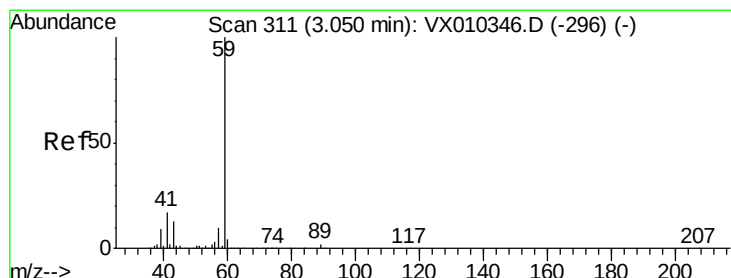
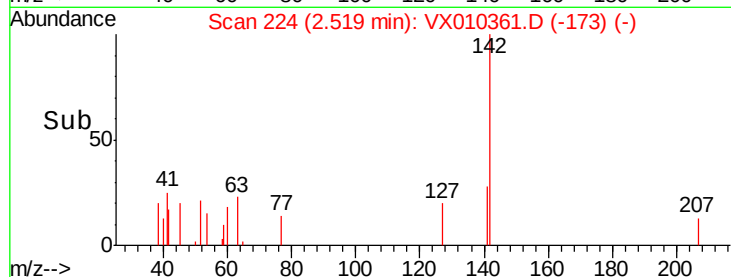
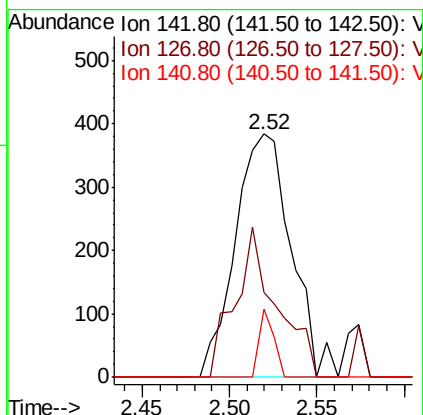
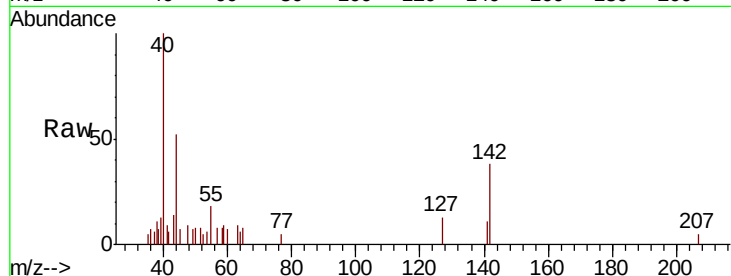




#10
Methvl Iodide
Concen: 0.227 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

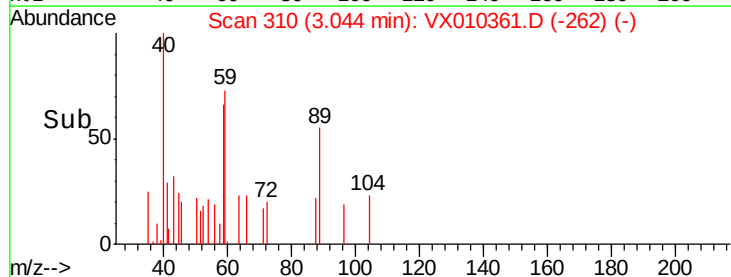
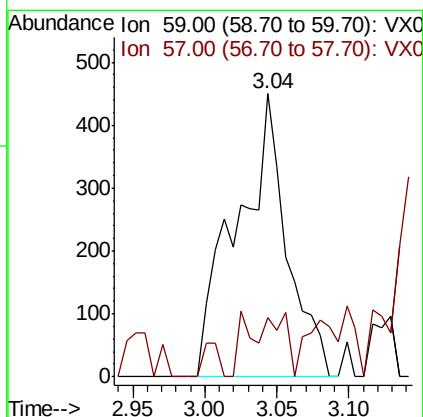
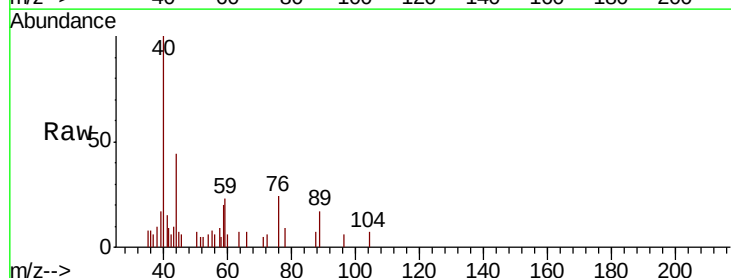
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

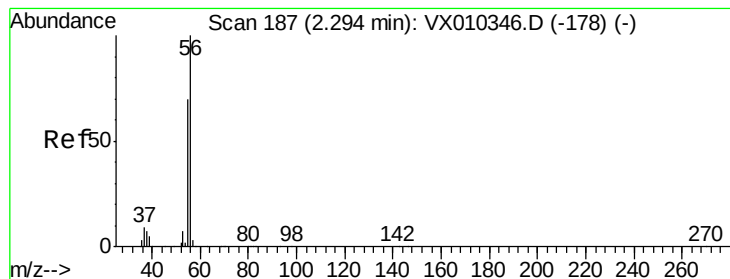
Tot Ion:142 Resp: 856
Ion Ratio Lower Upper
142 100
127 45.8 31.1 46.7
141 7.4 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.434 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Tgt Ion: 59 Resp: 1089
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#13

Acrolein

Concen: 0.363 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

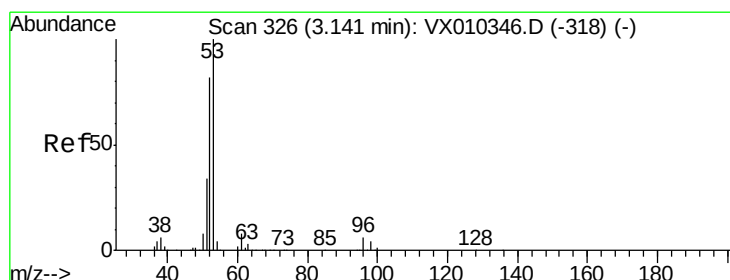
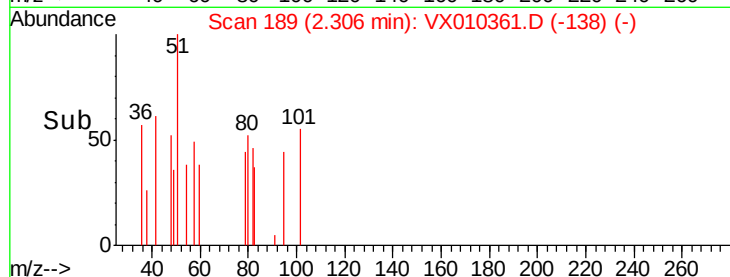
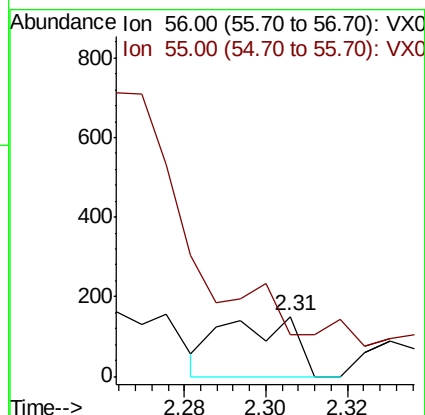
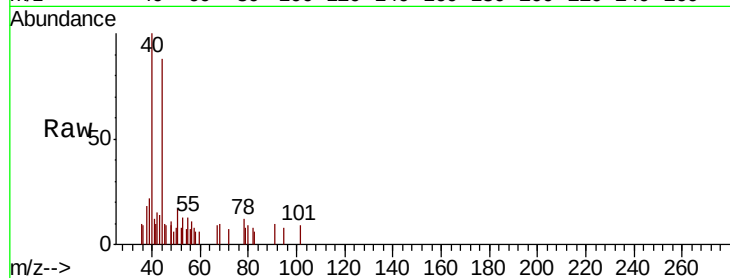
T3-MW-3-9.0-061919

Tot Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.268 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

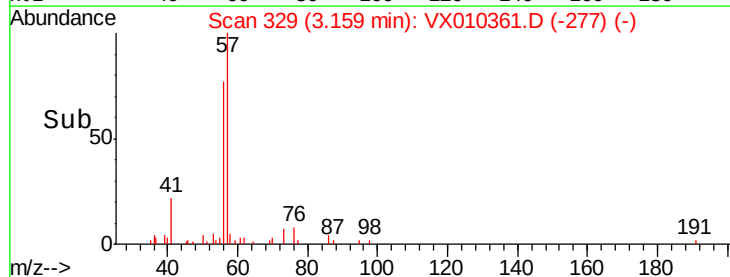
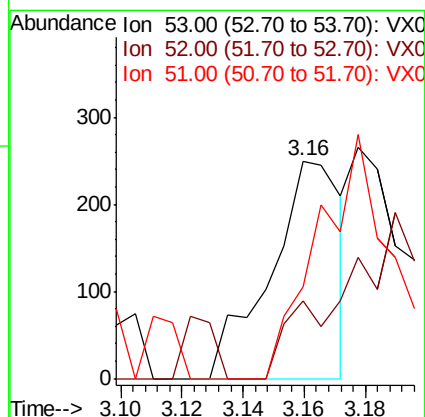
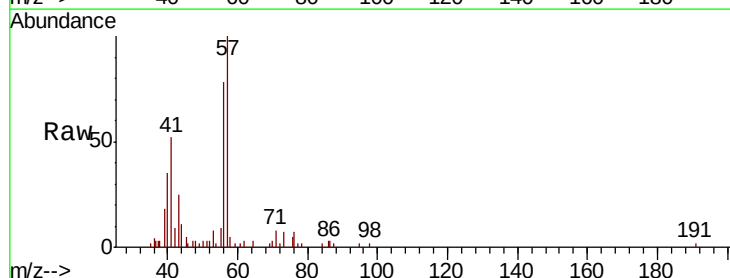
Tgt Ion: 53 Resp: 403

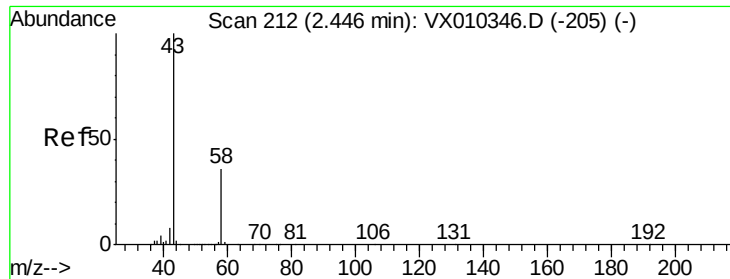
Ion Ratio Lower Upper

53 100

52 0.0 65.5 98.3#

51 0.0 28.2 42.4#





#16

Acetone

Concen: 19.201 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

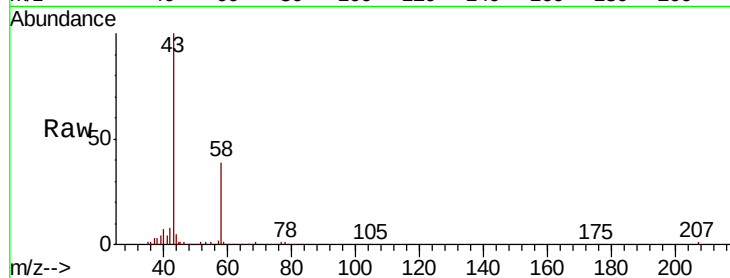
T3-MW-3-9.0-061919

Tot Ion: 43 Resp: 27930

Ion Ratio Lower Upper

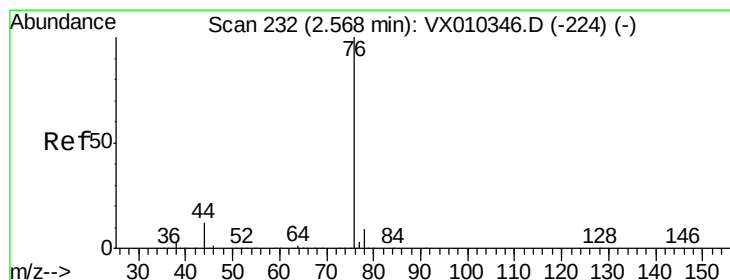
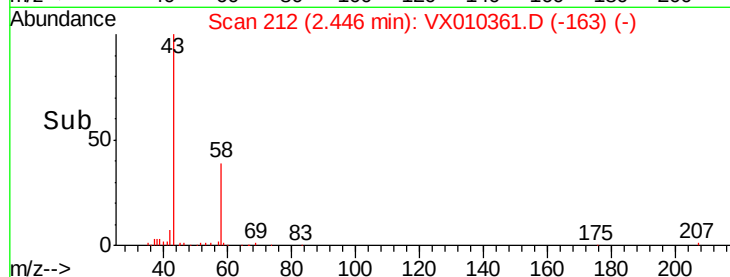
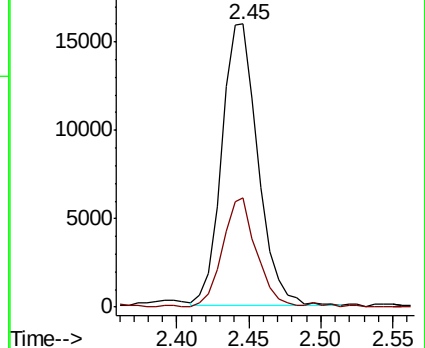
43 100

58 39.1 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: 0.286 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010361.D

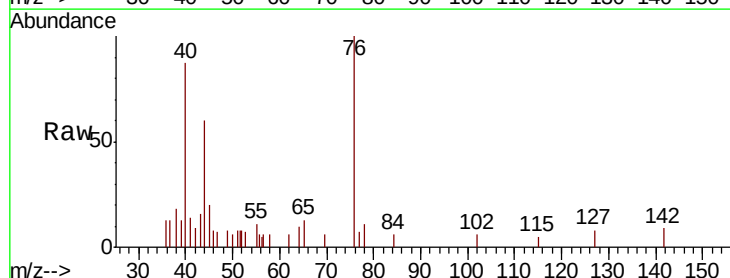
Acq: 20 Jun 2019 16:48

Tgt Ion: 76 Resp: 2058

Ion Ratio Lower Upper

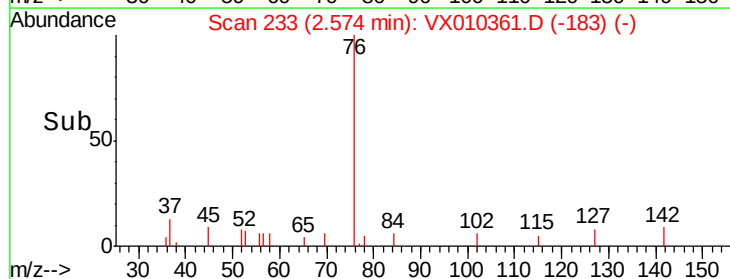
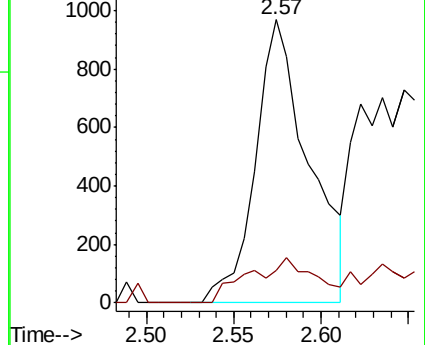
76 100

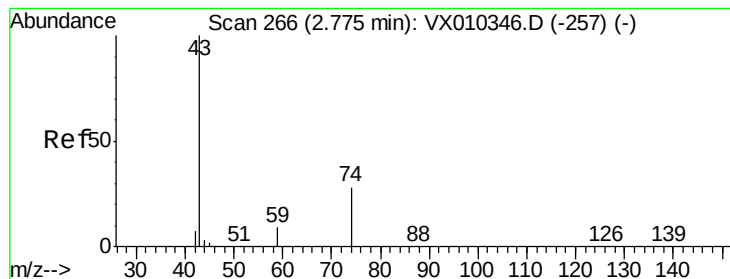
78 11.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 1.422 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

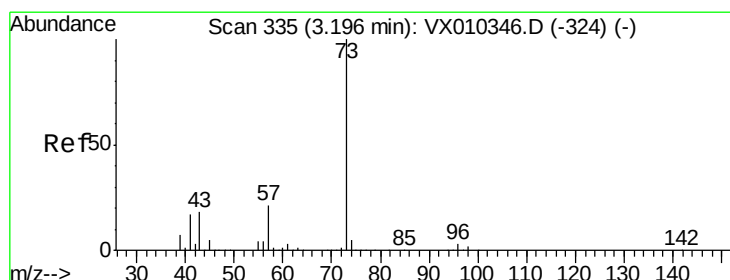
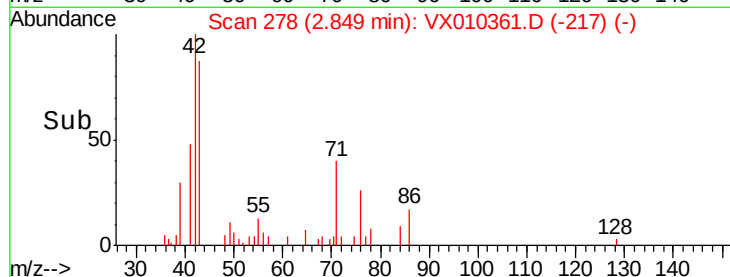
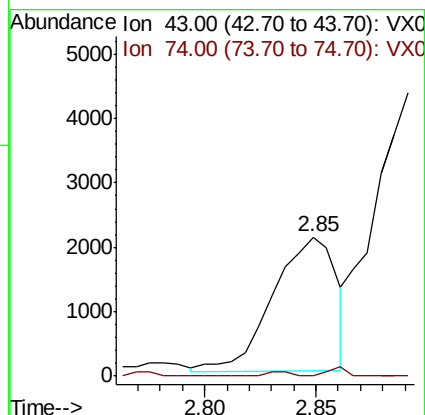
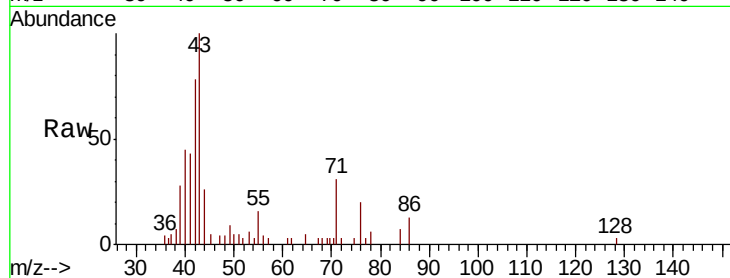
T3-MW-3-9.0-061919

Tot Ion: 43 Resp: 4122

Ion Ratio Lower Upper

43 100

74 2.0 21.3 31.9#



#19

Methyl tert-butyl Ether

Concen: 0.752 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010361.D

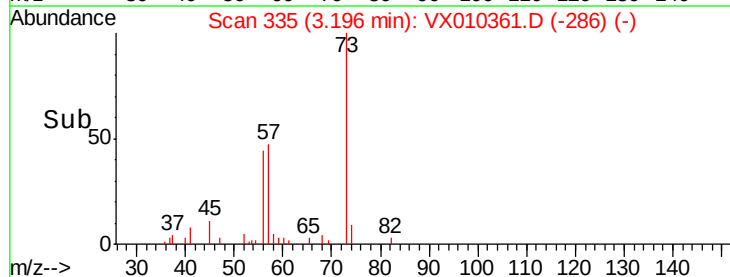
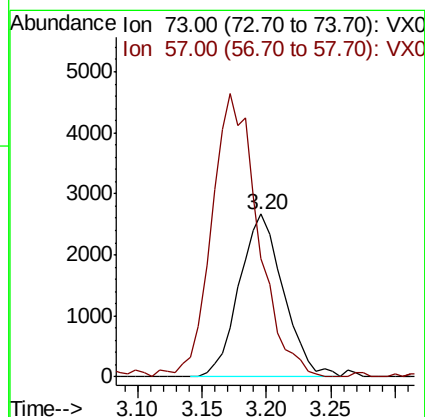
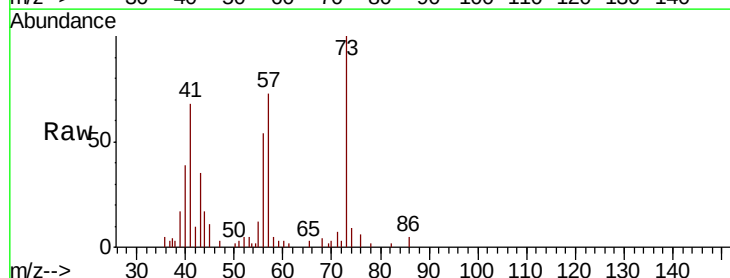
Acq: 20 Jun 2019 16:48

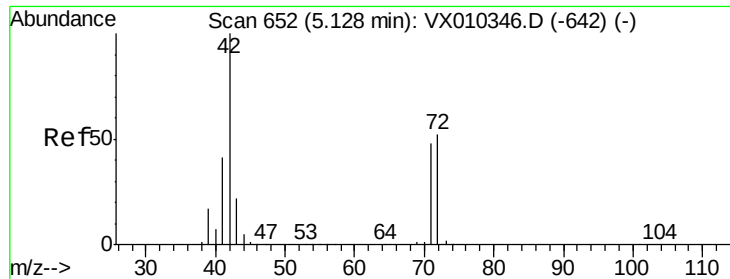
Tgt Ion: 73 Resp: 6349

Ion Ratio Lower Upper

73 100

57 73.2 16.4 24.6#

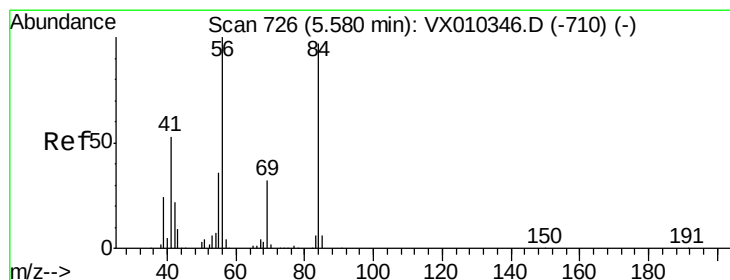
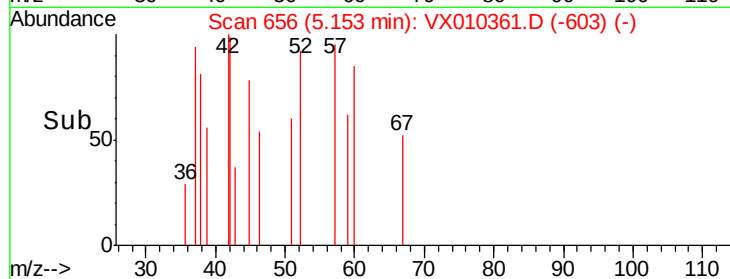
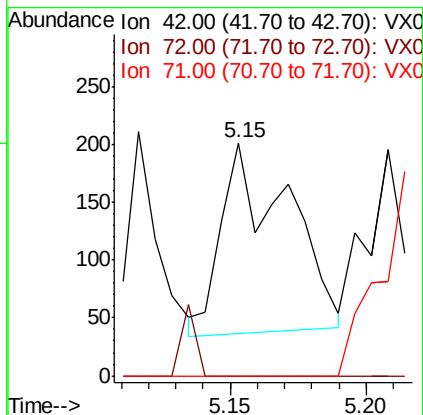
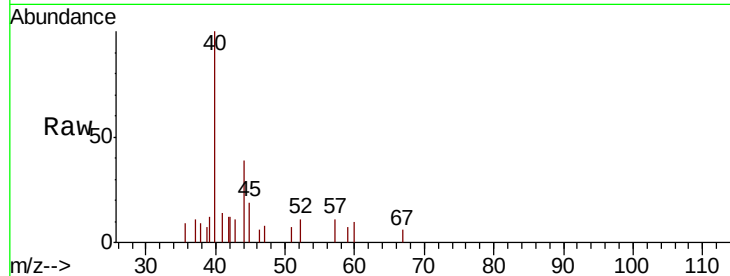




#29
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

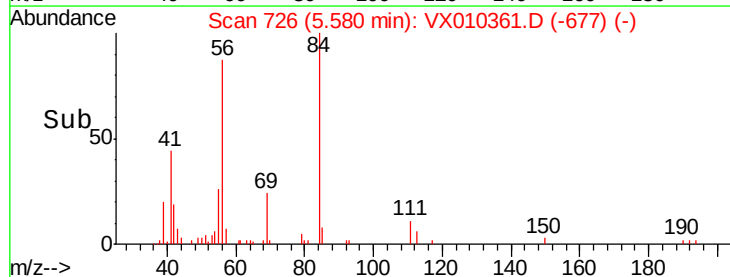
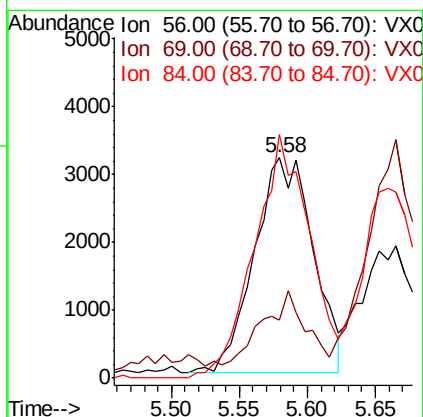
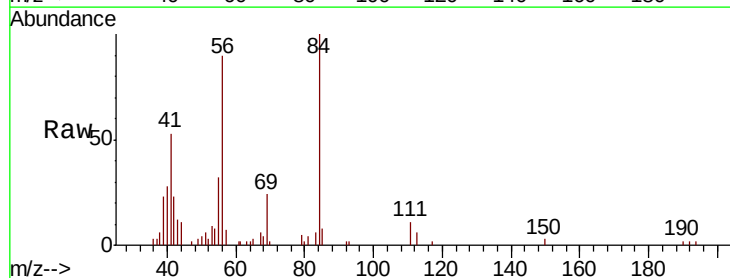
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

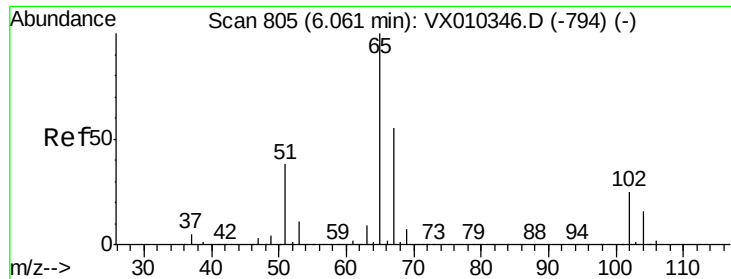
Tot Ion: 42 Resp: 277
Ion Ratio Lower Upper
42 100
72 8.3 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 2.275 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Tgt Ion: 56 Resp: 9538
Ion Ratio Lower Upper
56 100
69 16.5 25.9 38.9#
84 113.6 78.0 117.0

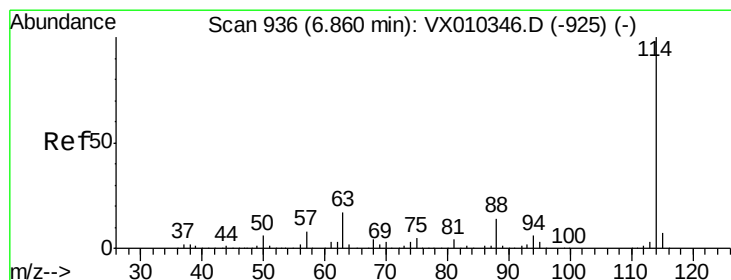
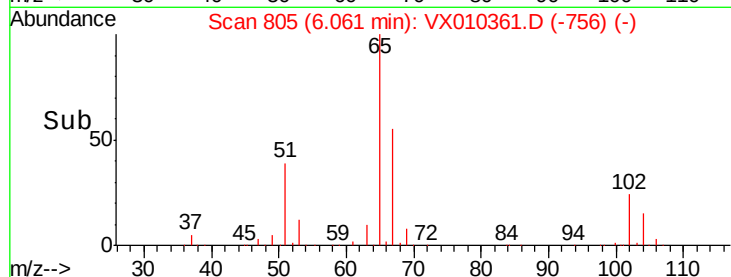
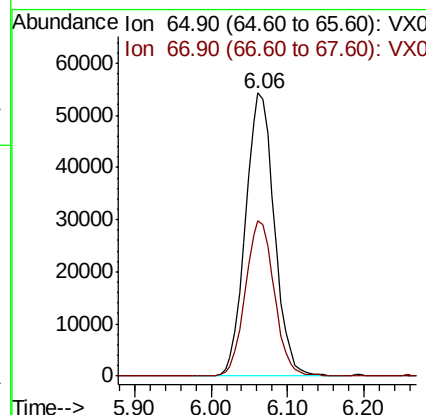
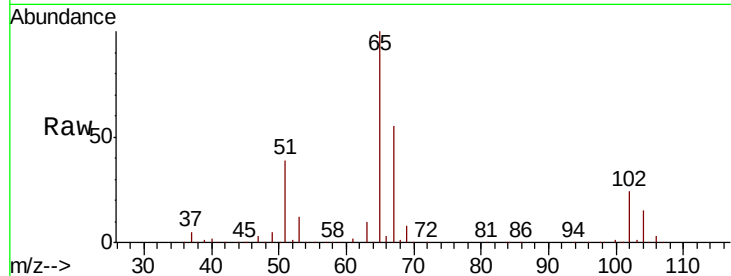




#33
 1,2-Dichloroethane-d4
 Concen: 49.070 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010361.D
 Acq: 20 Jun 2019 16:48

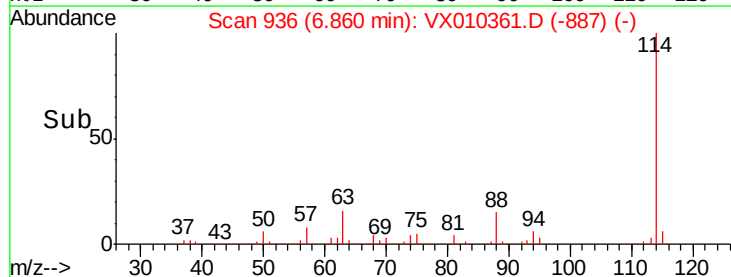
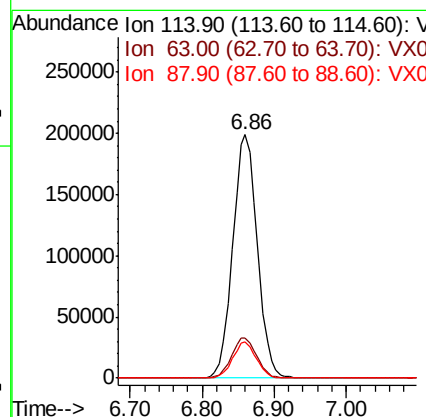
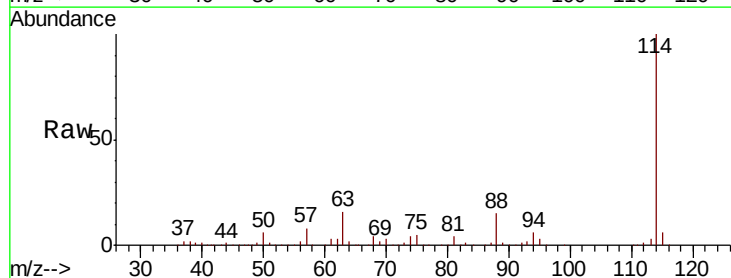
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-061919

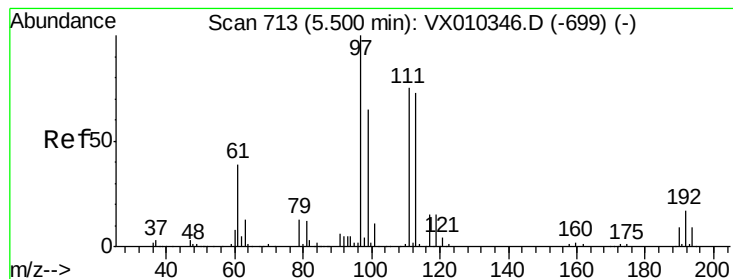
Tot Ion: 65 Resp: 142425
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010361.D
 Acq: 20 Jun 2019 16:48

Tgt Ion: 114 Resp: 471427
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.808 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-061919

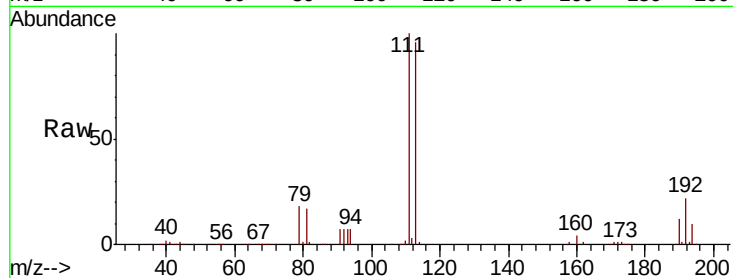
Tot Ion:113 Resp: 143663

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

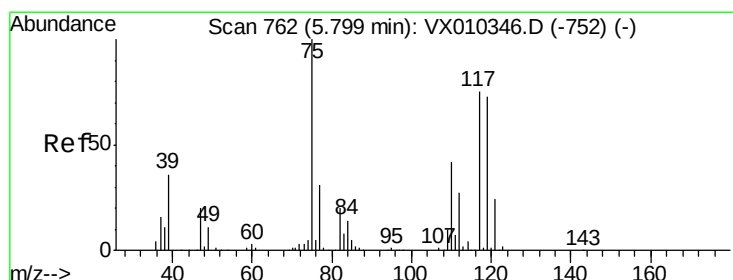
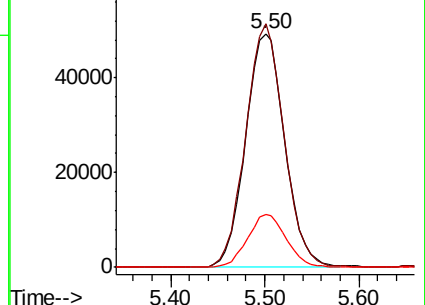
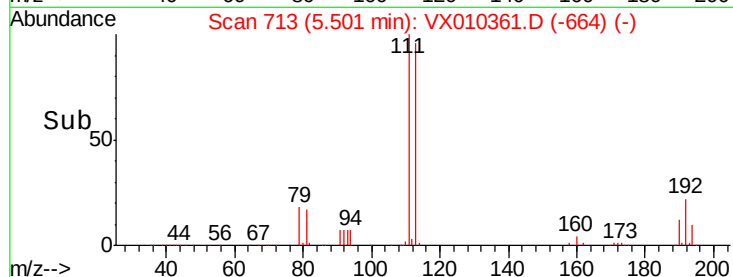
192 22.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.896 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

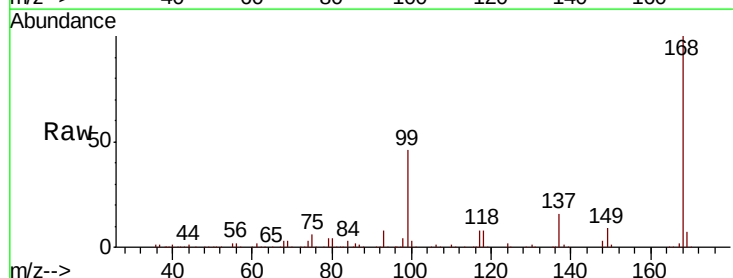
Tgt Ion: 75 Resp: 18341

Ion Ratio Lower Upper

75 100

110 11.2 20.8 62.2#

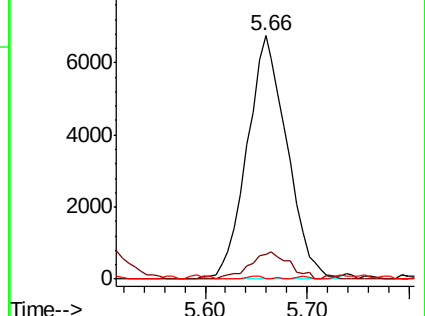
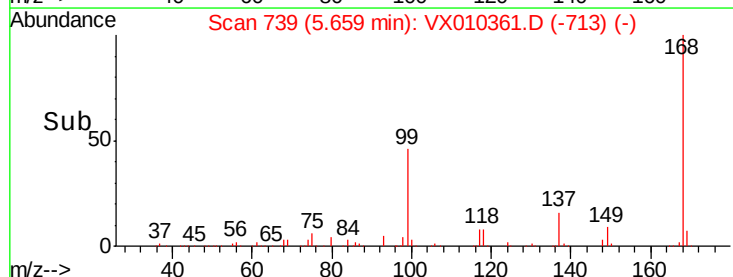
77 0.1 25.4 38.0#

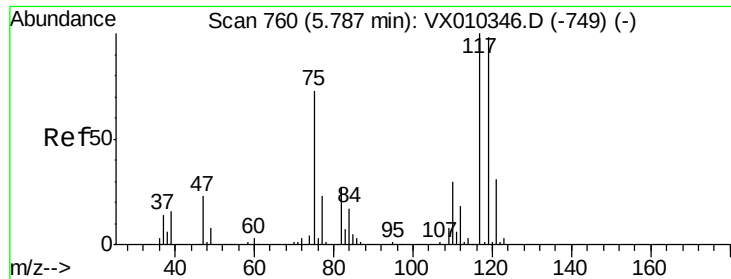


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.710 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-061919

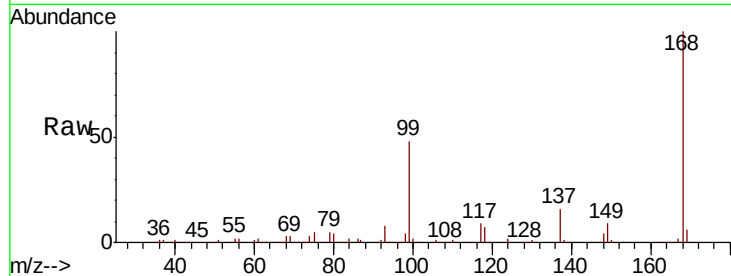
Tot Ion:117 Resp: 27222

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.4#

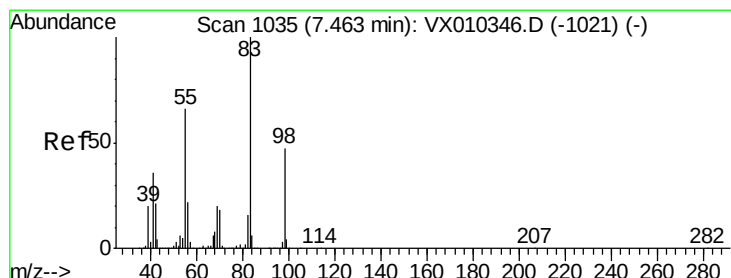
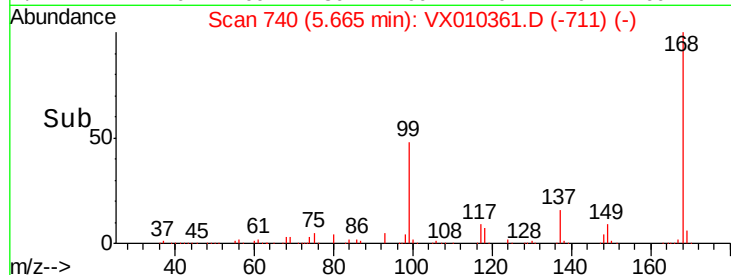
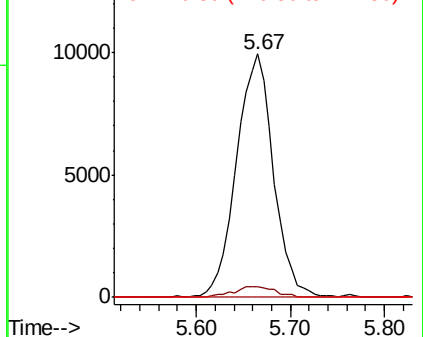
121 0.0 24.7 37.1#



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: 5.028 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

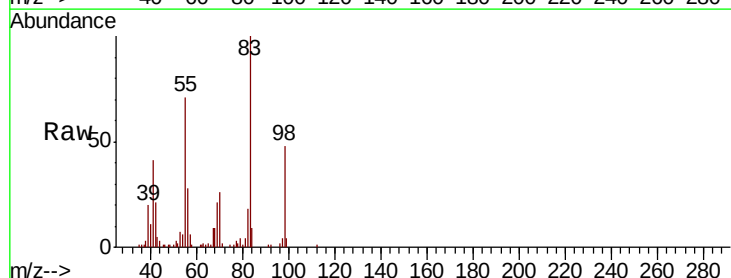
Tgt Ion: 83 Resp: 24757

Ion Ratio Lower Upper

83 100

55 71.3 53.0 79.6

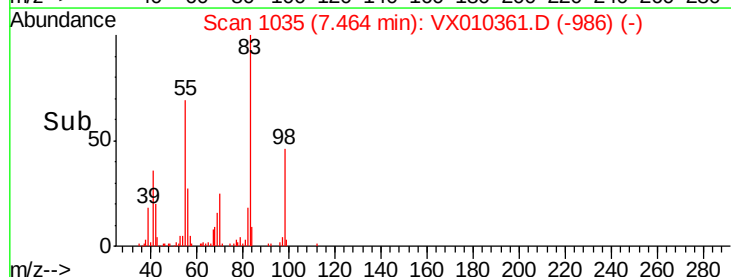
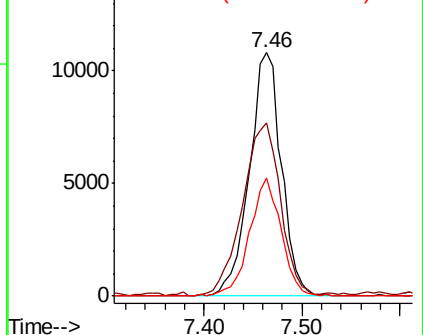
98 48.5 37.8 56.8

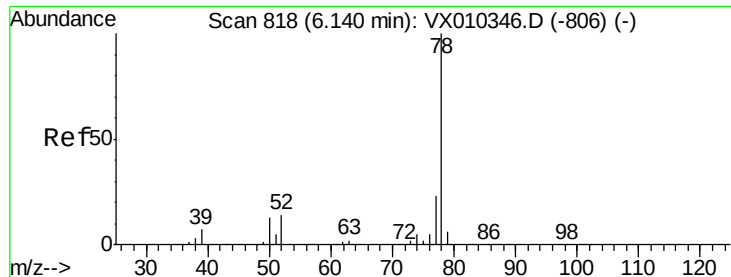


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.266 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

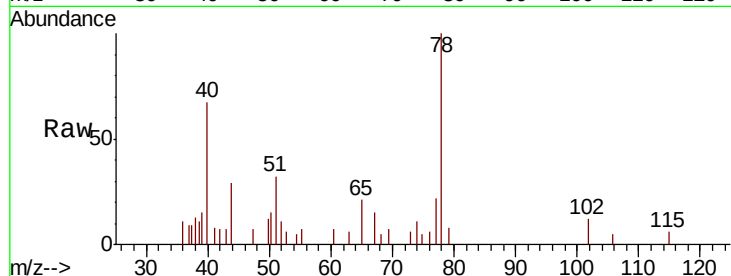
T3-MW-3-9.0-061919

Tot Ion: 78 Resp: 3106

Ion Ratio Lower Upper

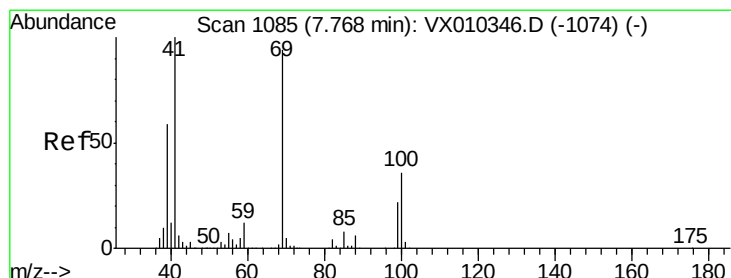
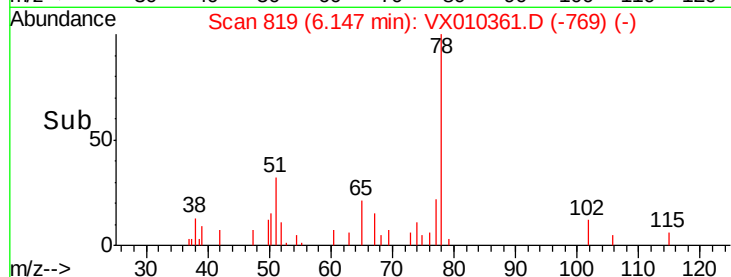
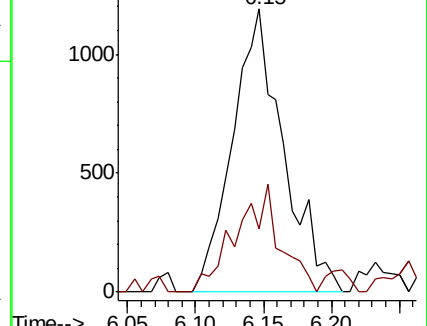
78 100

77 22.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#48

Methyl methacrylate

Concen: 0.844 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

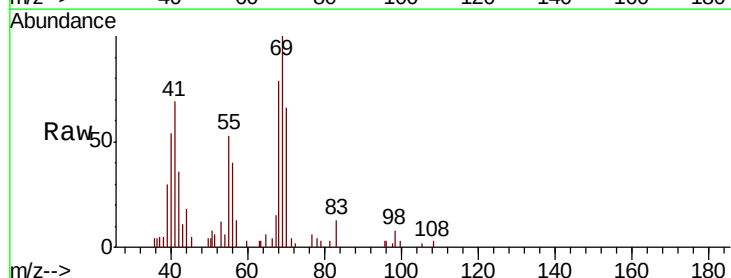
Tgt Ion: 41 Resp: 2500

Ion Ratio Lower Upper

41 100

69 174.4 76.1 114.1#

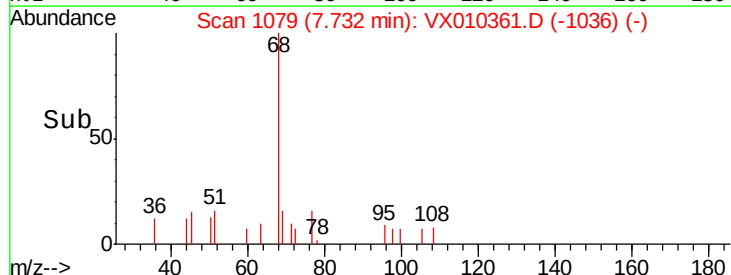
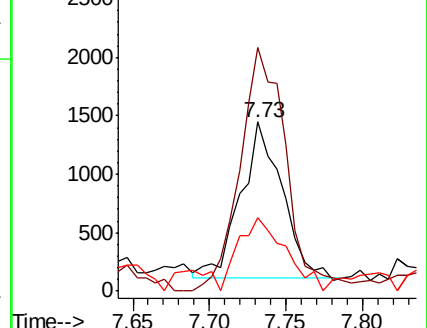
39 53.0 47.6 71.4

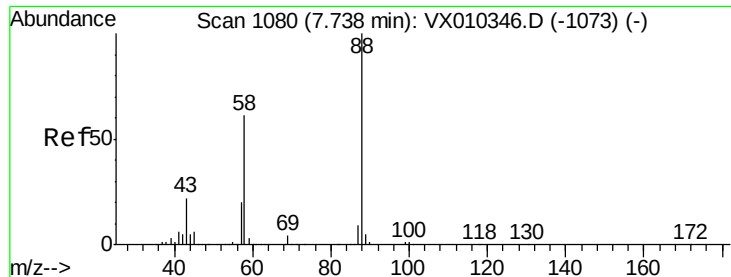


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

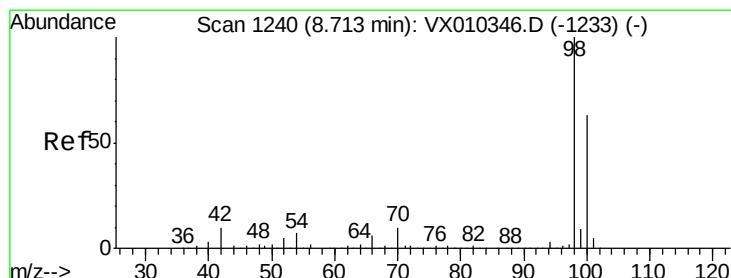
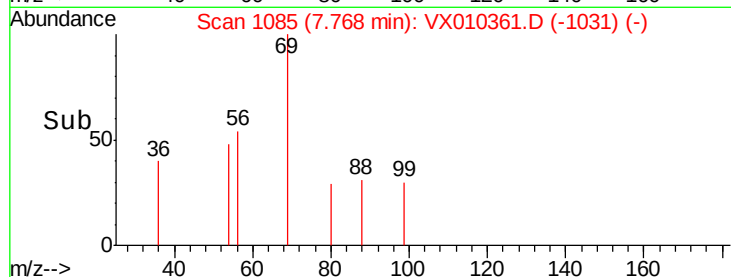
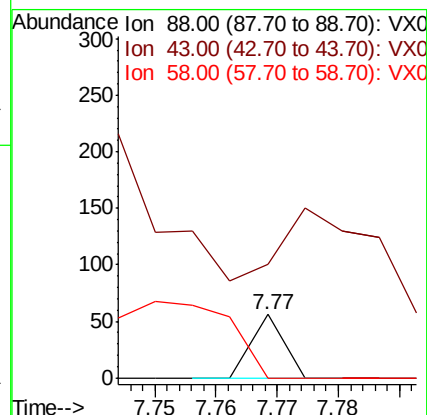
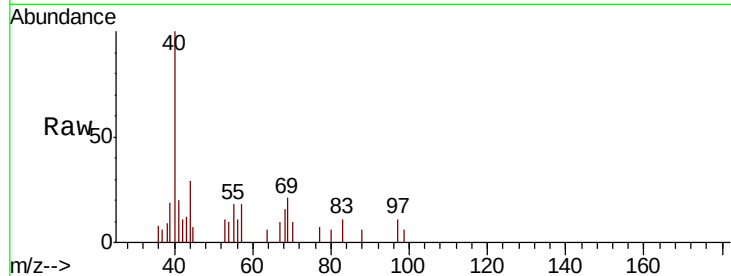




#49
1,4-Dioxane
Concen: 0.234 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

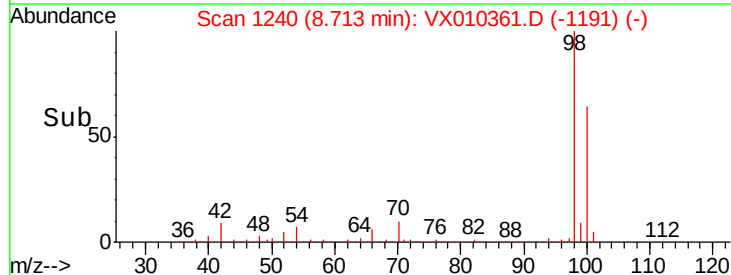
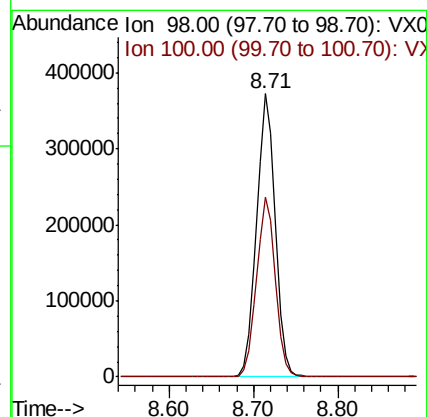
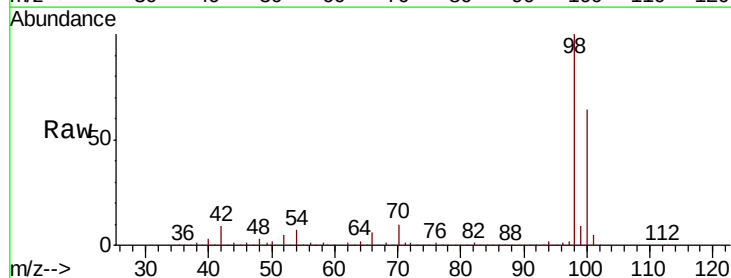
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

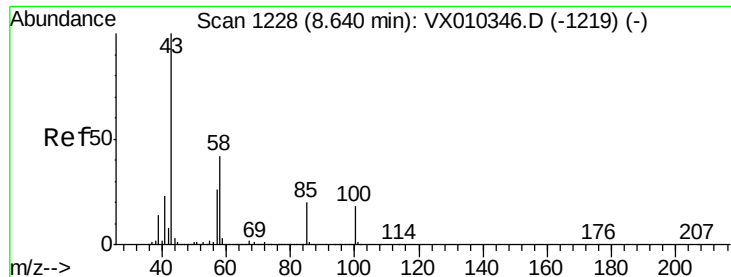
Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 490.0 20.2 30.2#
58 0.0 49.5 74.3#



#50
Toluene-d8
Concen: 50.403 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Tgt Ion: 98 Resp: 556202
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.396 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

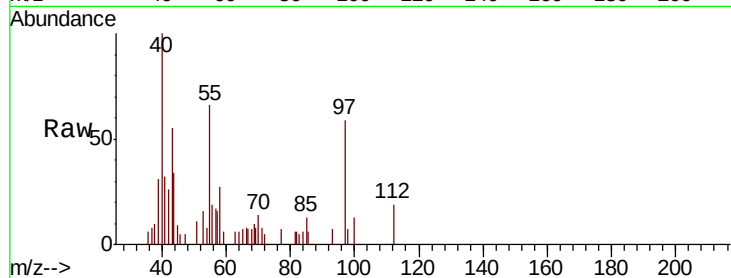
T3-MW-3-9.0-061919

Tot Ion: 43 Resp: 1616

Ion Ratio Lower Upper

43 100

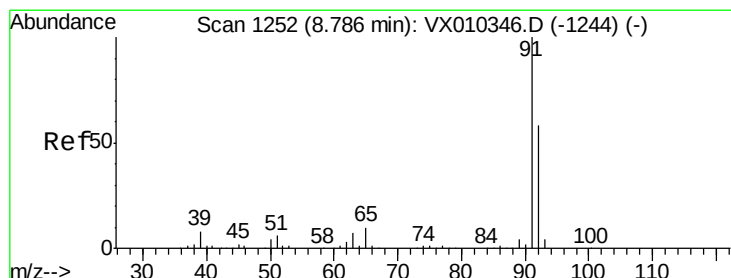
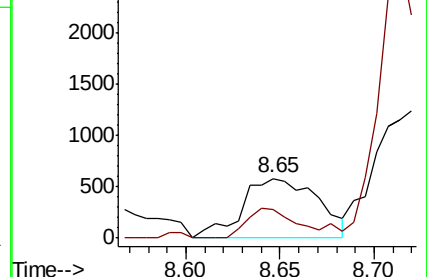
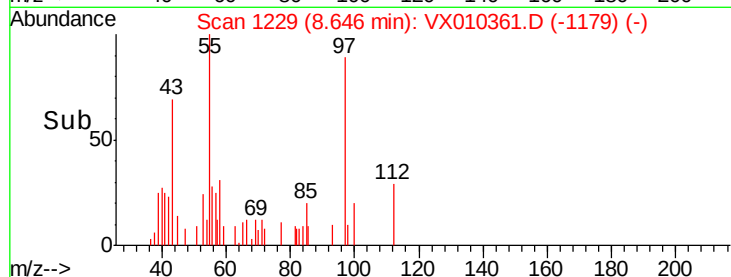
58 31.9 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



#52

Toluene

Concen: 0.247 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010361.D

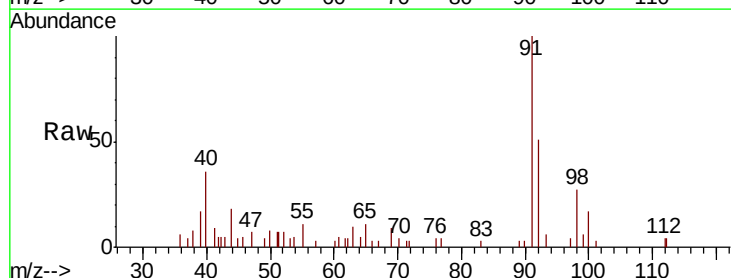
Acq: 20 Jun 2019 16:48

Tgt Ion: 92 Resp: 1899

Ion Ratio Lower Upper

92 100

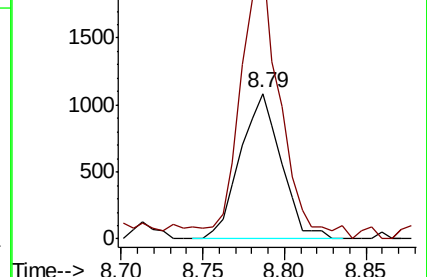
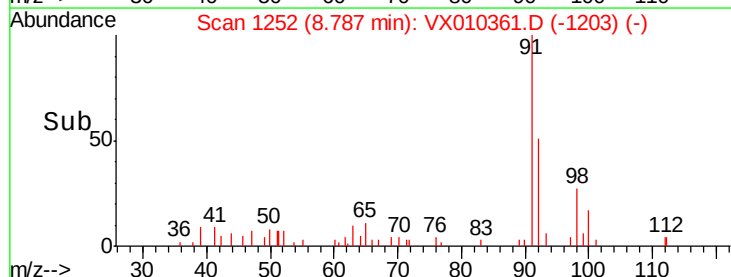
91 180.6 139.8 209.6

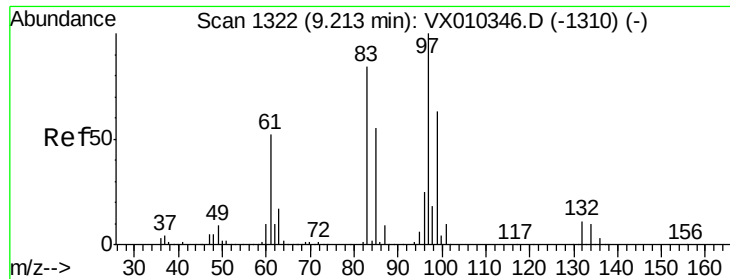


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.787 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-061919

Tot Ion: 97 Resp: 5663

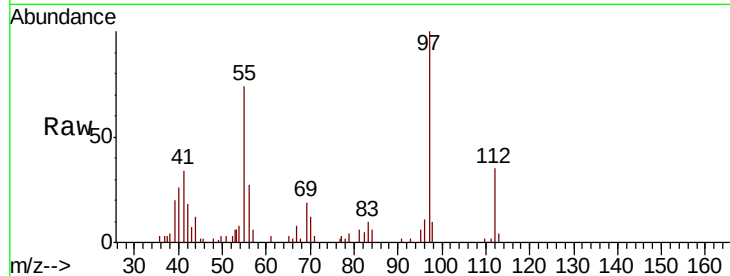
Ion Ratio Lower Upper

97 100

83 9.6 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#



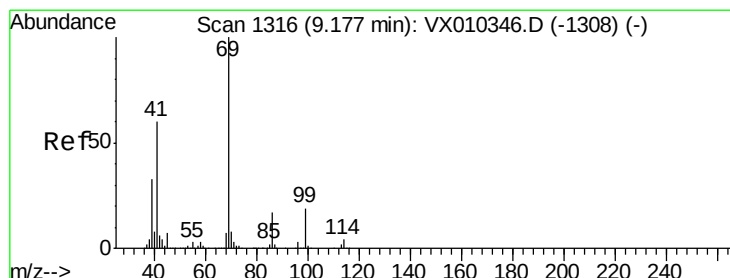
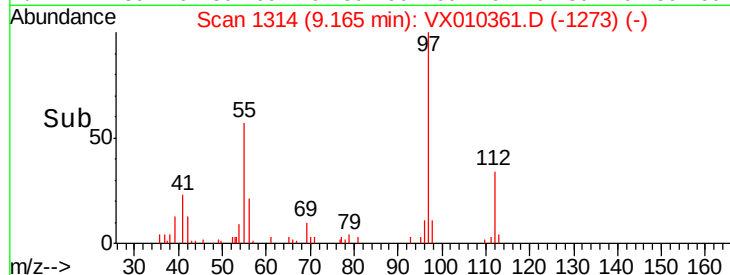
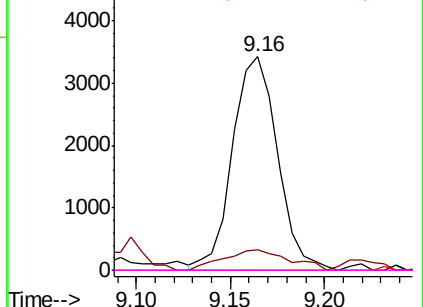
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.343 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

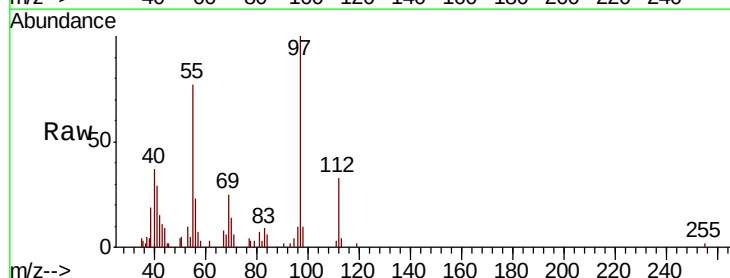
Tgt Ion: 69 Resp: 1646

Ion Ratio Lower Upper

69 100

41 108.2 47.1 70.7#

39 62.5 26.6 40.0#

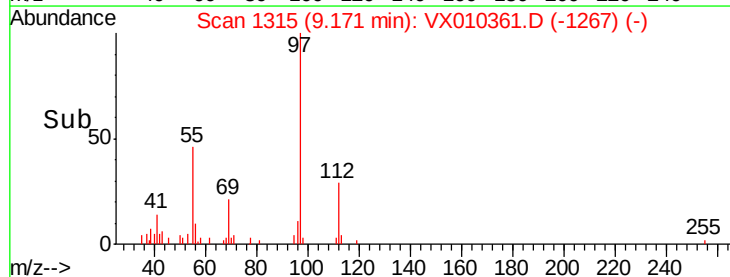
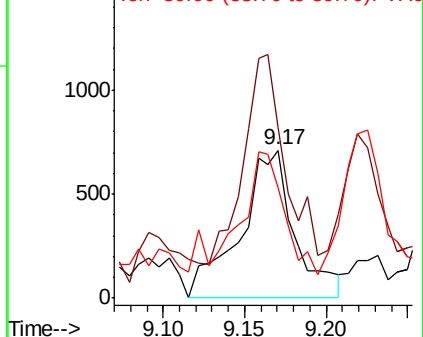


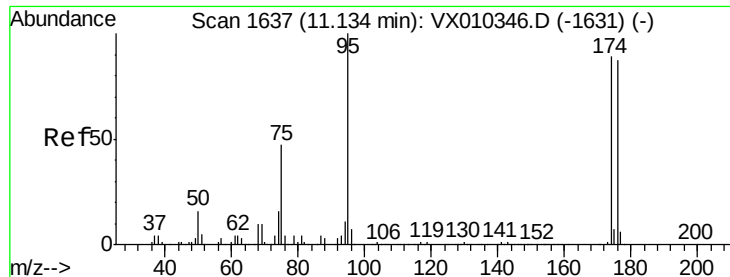
Abundance

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: 46.017 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-061919

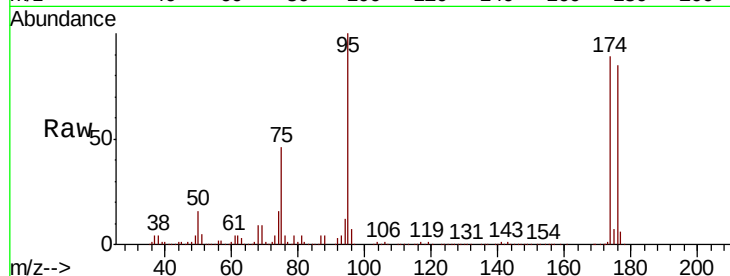
Tot Ion: 95 Resp: 183329

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.6

176 92.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

11.13

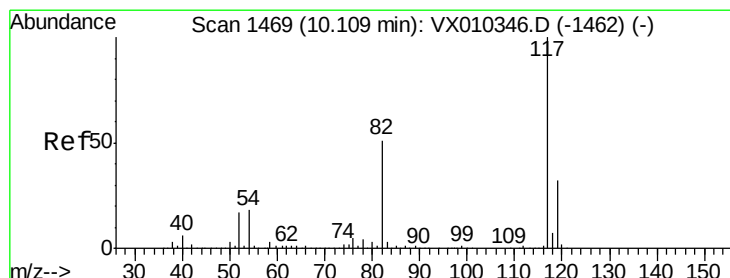
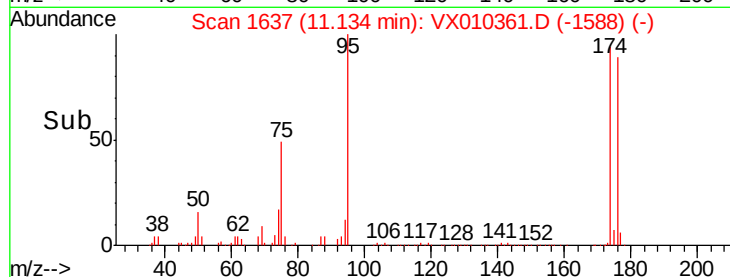
150000

100000

50000

0

Time--> 11.05 11.10 11.15



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

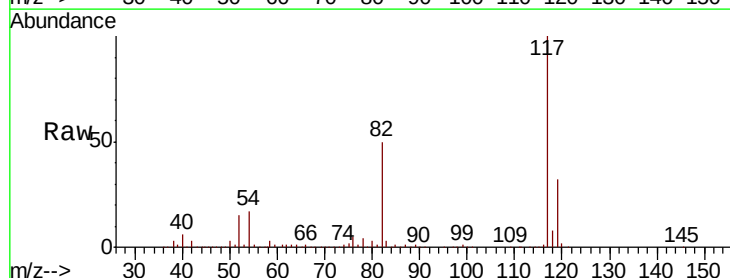
Tgt Ion: 117 Resp: 412484

Ion Ratio Lower Upper

117 100

82 49.6 41.2 61.8

119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

10.11

400000

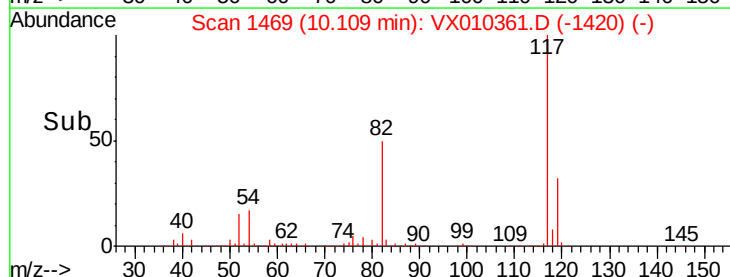
300000

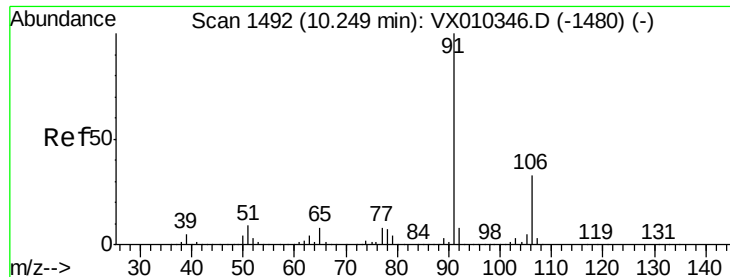
200000

100000

0

Time--> 10.00 10.10 10.20

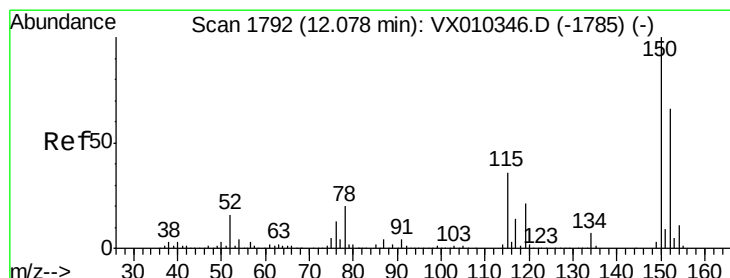
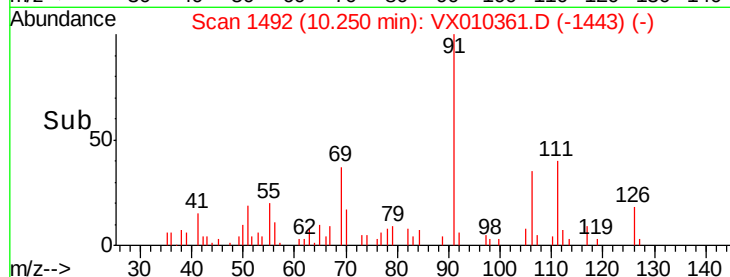
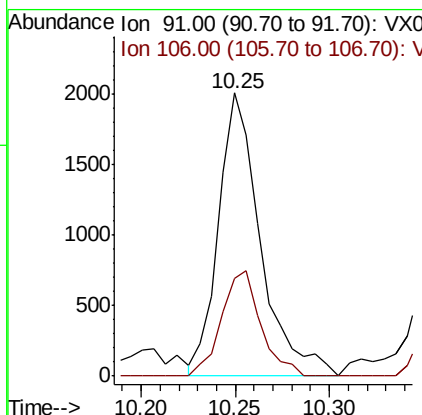
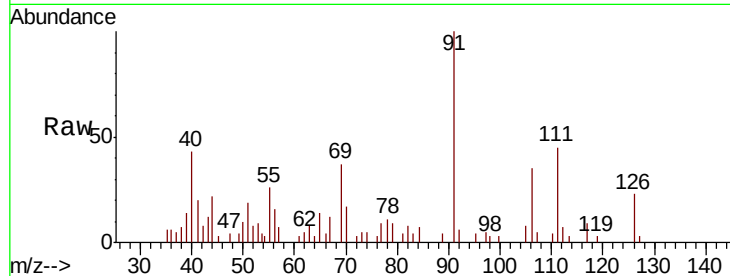




#67
Ethyl Benzene
Concen: 0.220 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

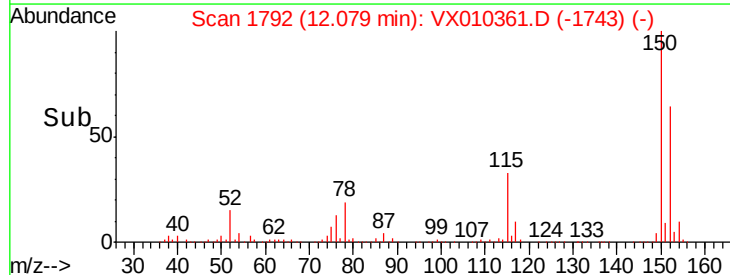
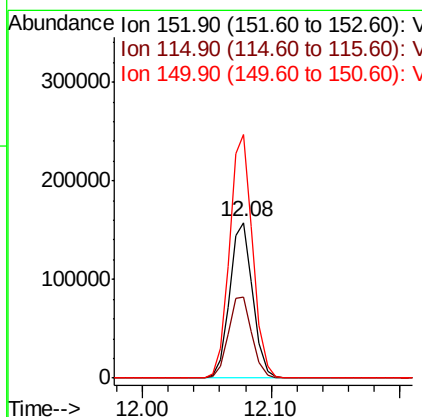
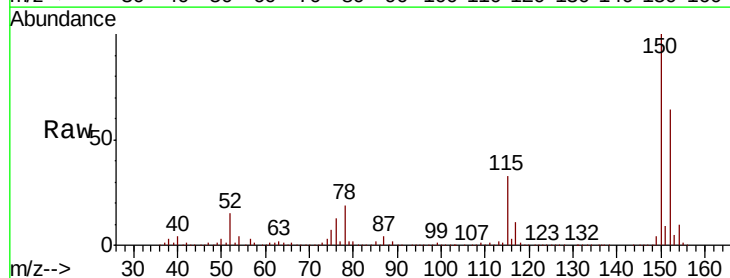
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

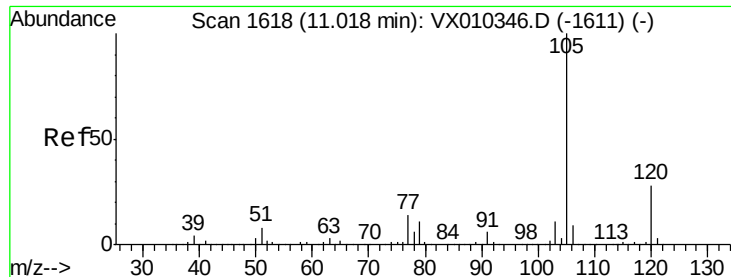
Tot Ion: 91 Resp: 3109
Ion Ratio Lower Upper
91 100
106 34.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Tgt Ion: 152 Resp: 196870
Ion Ratio Lower Upper
152 100
115 53.8 38.6 115.7
150 157.4 0.0 347.4





#73

Isopropylbenzene

Concen: 23.913 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

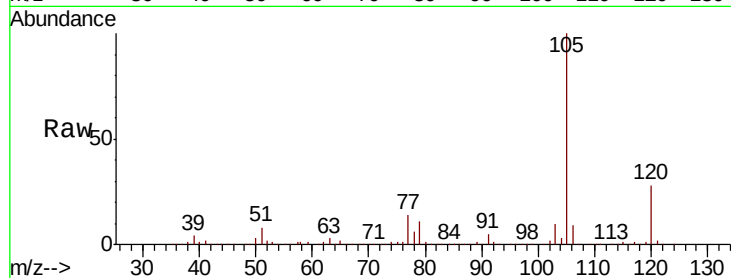
T3-MW-3-9.0-061919

Tot Ion:105 Resp: 319133

Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

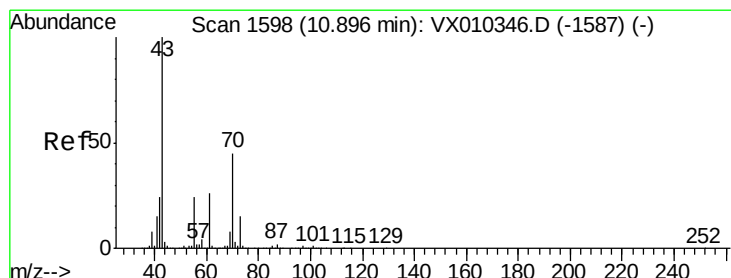
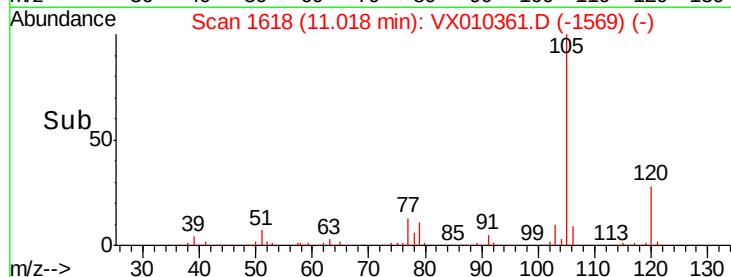
150000

100000

50000

0

Time--> 10.90 11.02 11.10



#74

N-ethyl acetate

Concen: 0.342 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Tgt Ion: 43 Resp: 1726

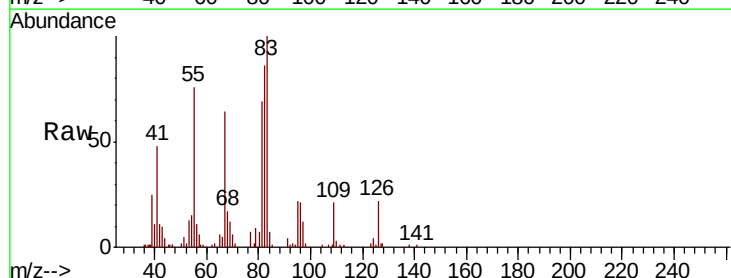
Ion Ratio Lower Upper

43 100

70 83.9 36.6 54.8#

55 881.8 18.7 28.1#

61 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

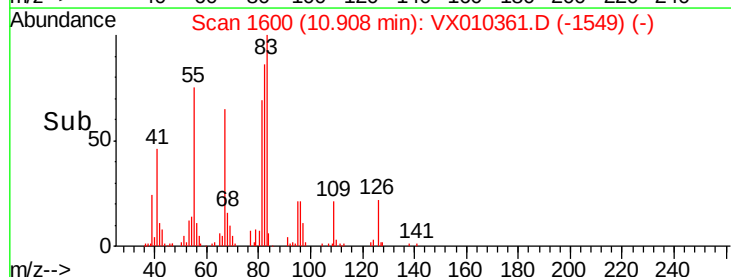
Ion 61.00 (60.70 to 61.70): VX0

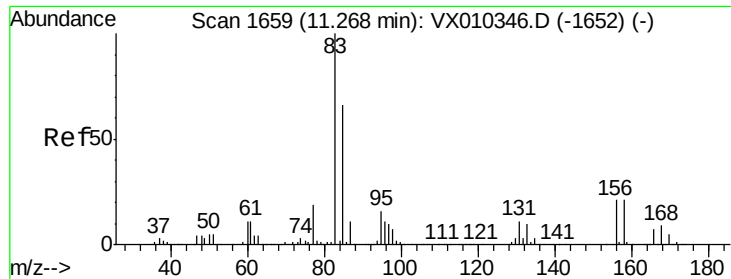
10000

5000

0

Time--> 10.90 10.91 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 0.769 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-061919

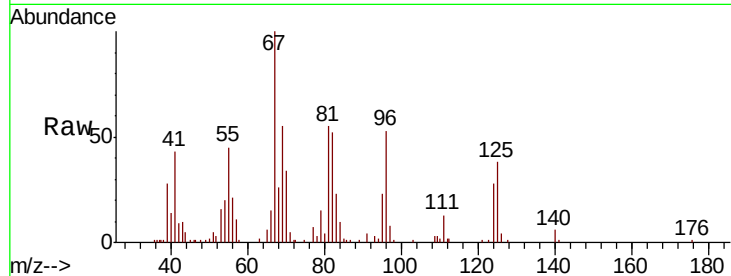
Tot Ion: 83 Resp: 3398

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

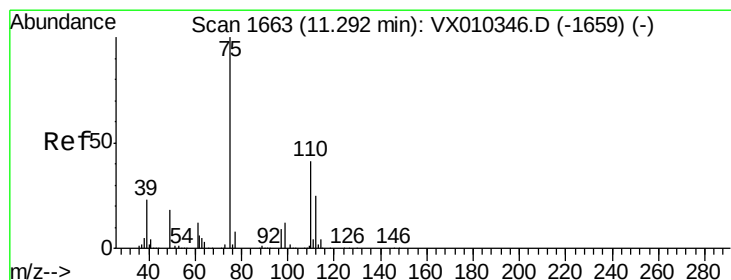
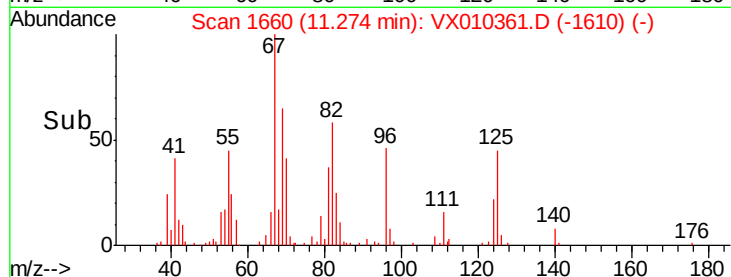
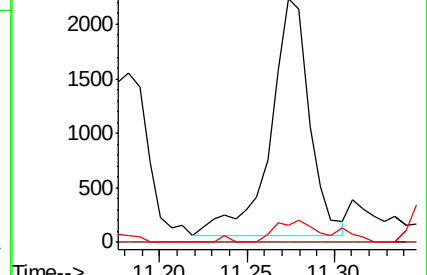
85 9.8 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.828 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010361.D

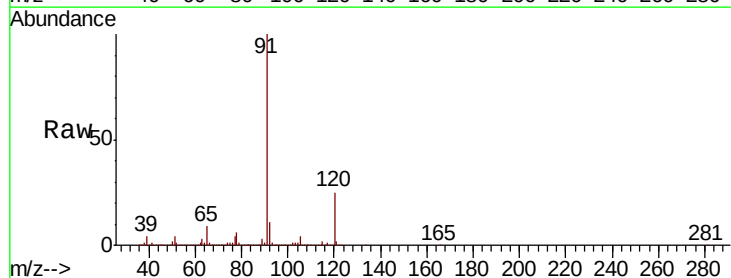
Acq: 20 Jun 2019 16:48

Tgt Ion: 75 Resp: 6558

Ion Ratio Lower Upper

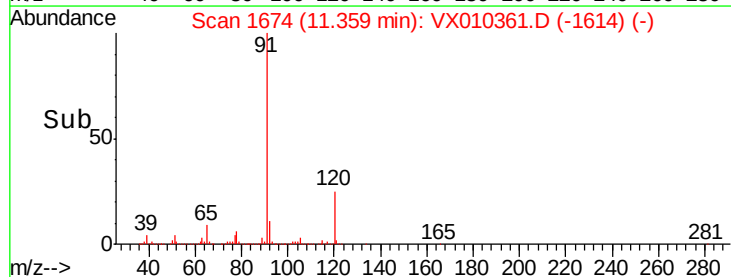
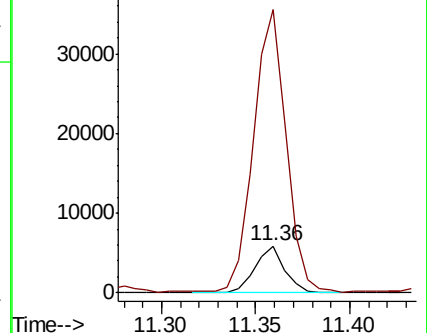
75 100

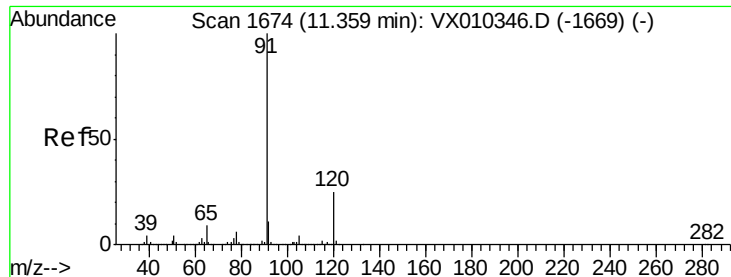
77 642.9 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 77.657 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

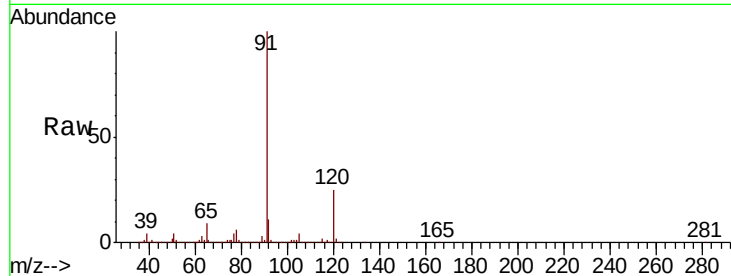
T3-MW-3-9.0-061919

Tot Ion: 91 Resp: 1138999

Ion Ratio Lower Upper

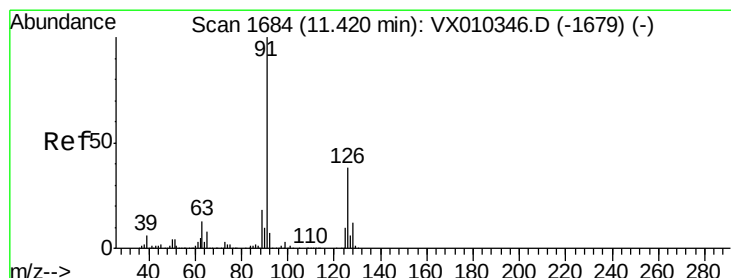
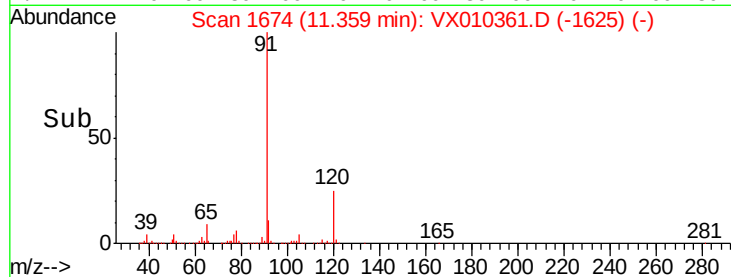
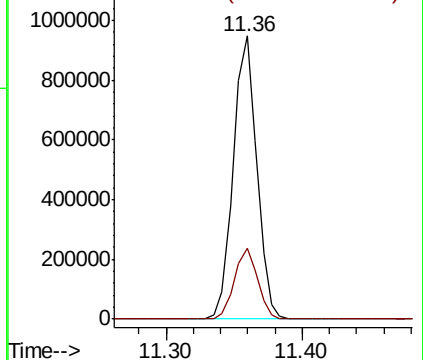
91 100

120 24.7 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: 130.411 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010361.D

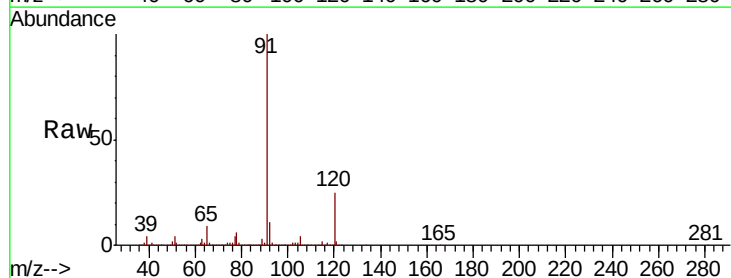
Acq: 20 Jun 2019 16:48

Tgt Ion: 91 Resp: 1138999

Ion Ratio Lower Upper

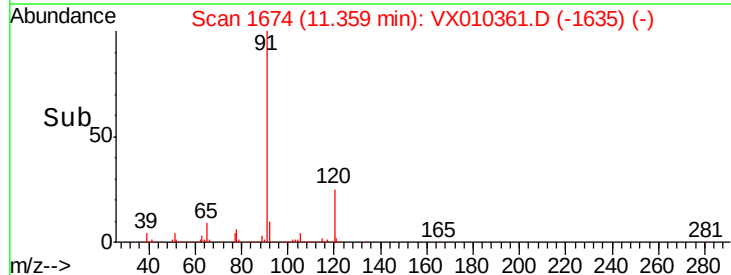
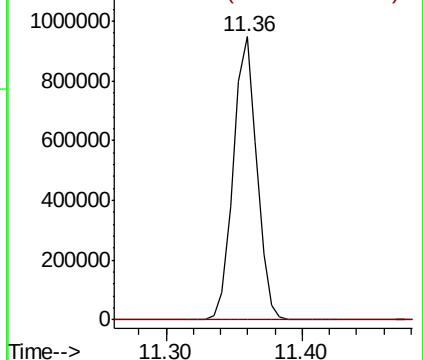
91 100

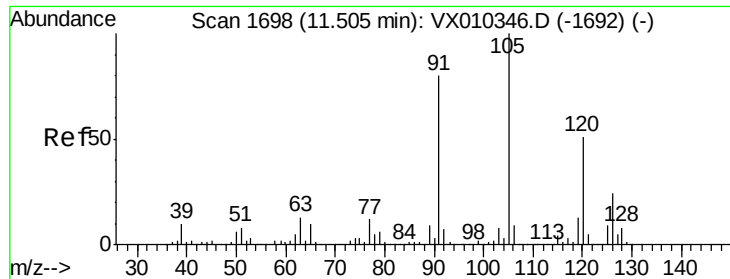
126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

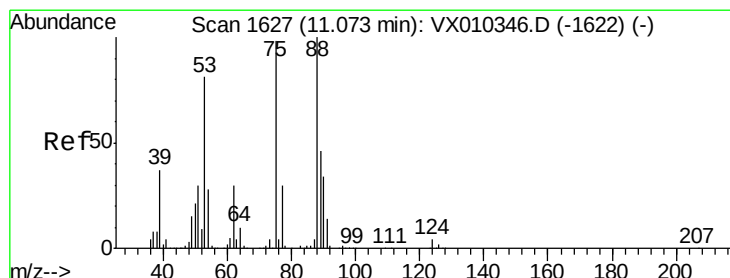
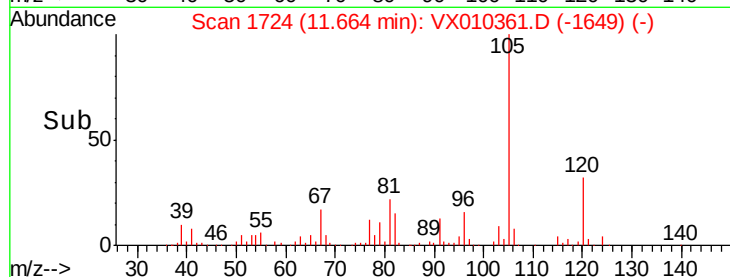
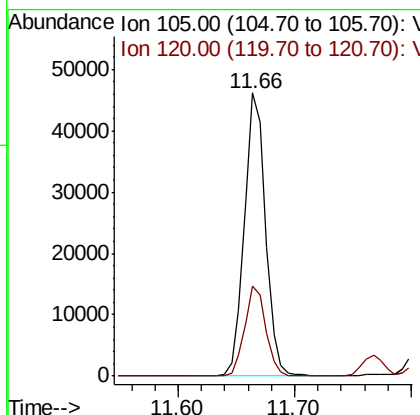
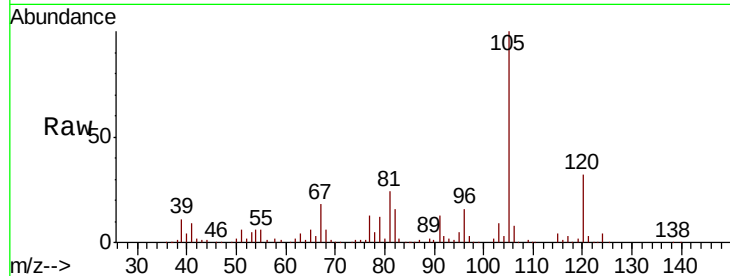




#80
 1,3,5-Trimethylbenzene
 Concen: 5.348 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. 0.16 min
 Lab File: VX010361.D
 Acq: 20 Jun 2019 16:48

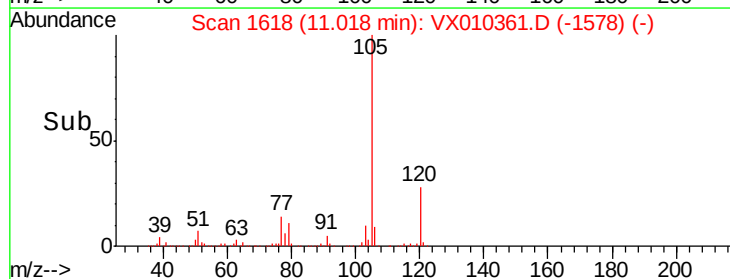
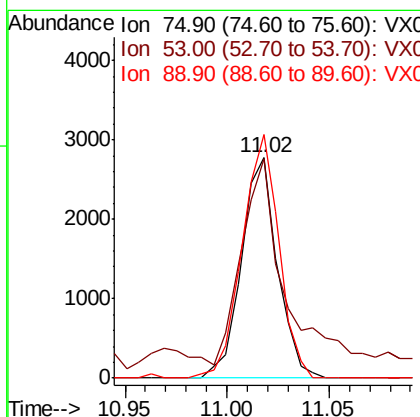
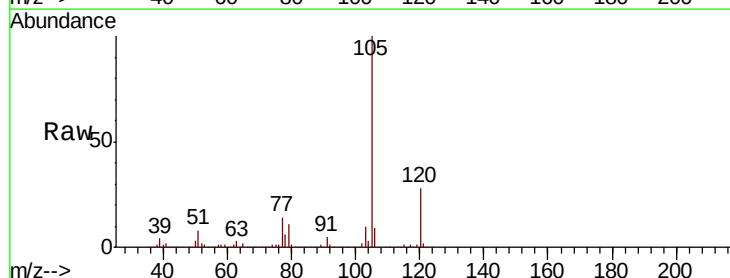
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-061919

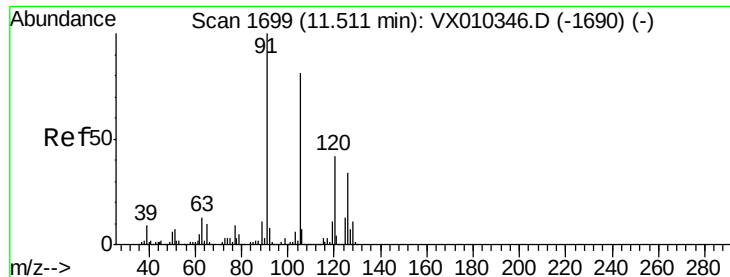
Tot Ion:105 Resp: 58842
 Ion Ratio Lower Upper
 105 100
 120 31.9 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.208 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010361.D
 Acq: 20 Jun 2019 16:48

Tgt Ion: 75 Resp: 3396
 Ion Ratio Lower Upper
 75 100
 53 114.6 66.1 99.1#
 89 112.9 37.8 56.6#

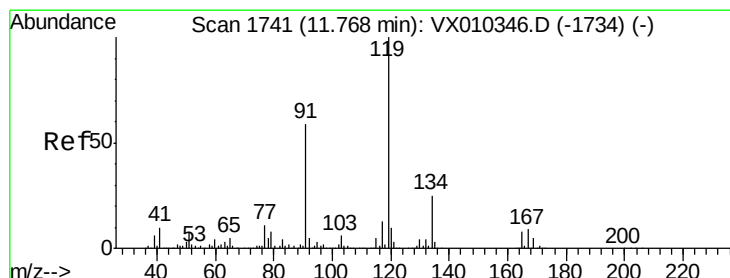
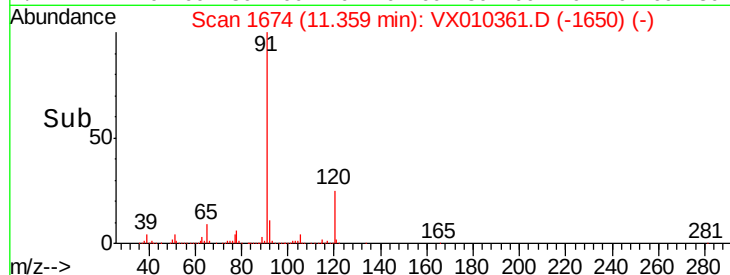
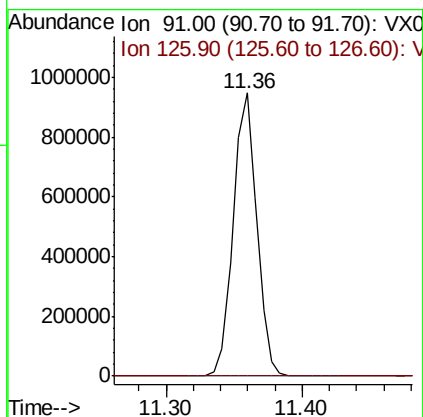
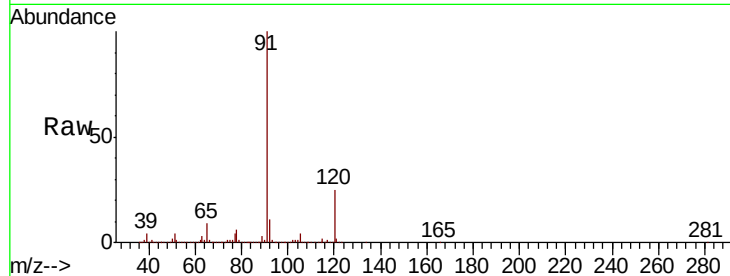




#82
4-Chlorotoluene
Concen: 114.607 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

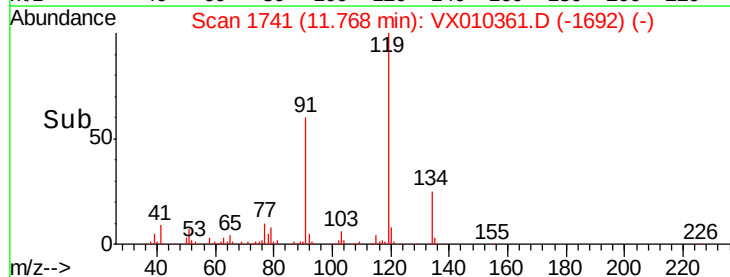
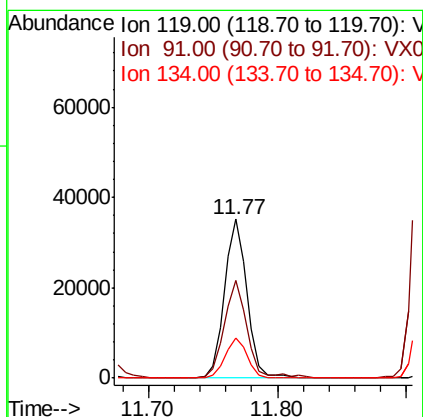
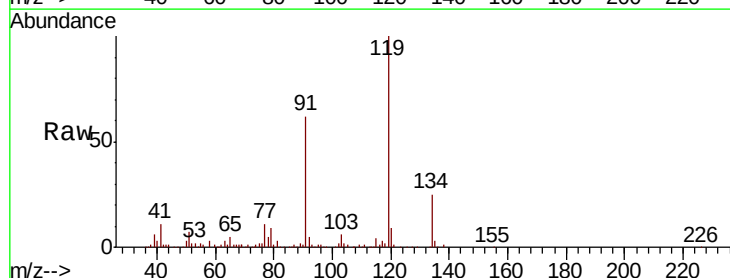
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

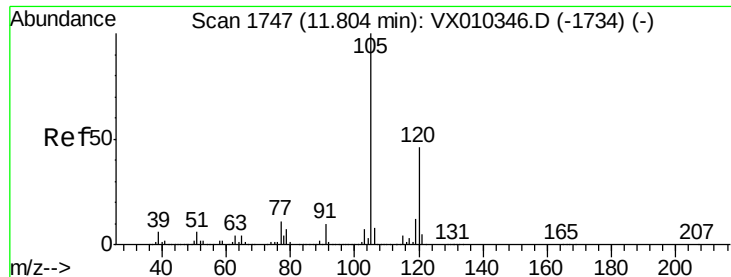
Tot Ion: 91 Resp: 1138999
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 3.936 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Tgt Ion: 119 Resp: 43466
Ion Ratio Lower Upper
119 100
91 60.4 27.6 82.7
134 24.5 11.8 35.4

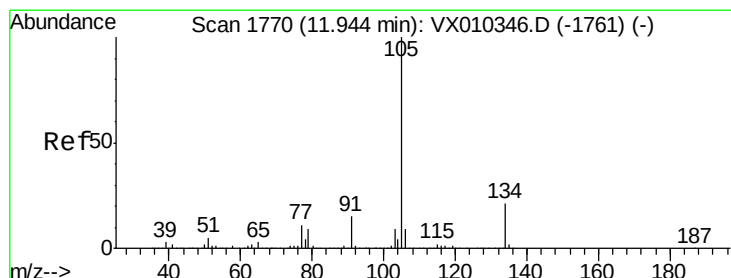
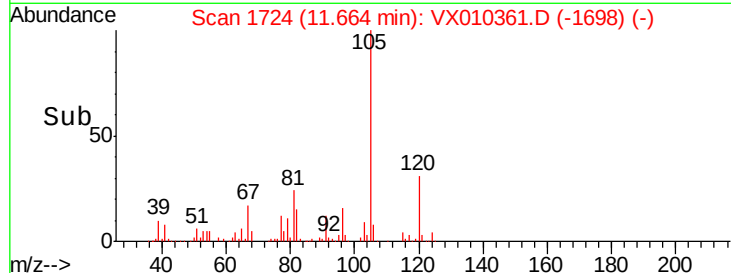
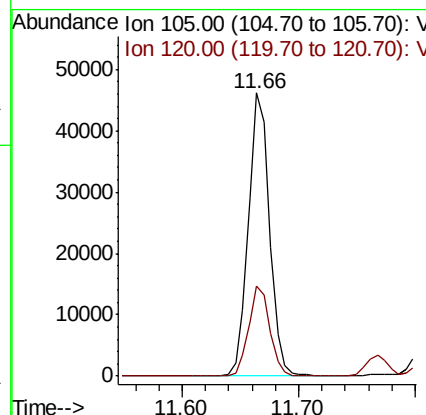
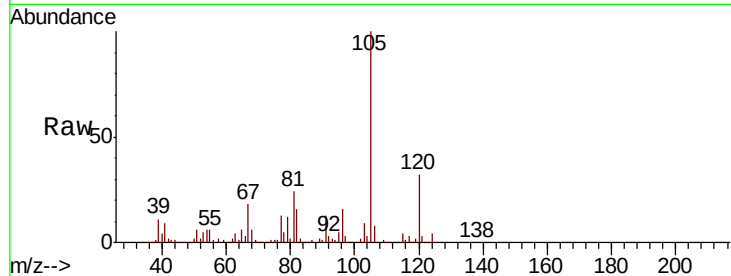




#84
 1,2,4-Trimethylbenzene
 Concen: 5.324 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. -0.14 min
 Lab File: VX010361.D
 Acq: 20 Jun 2019 16:48

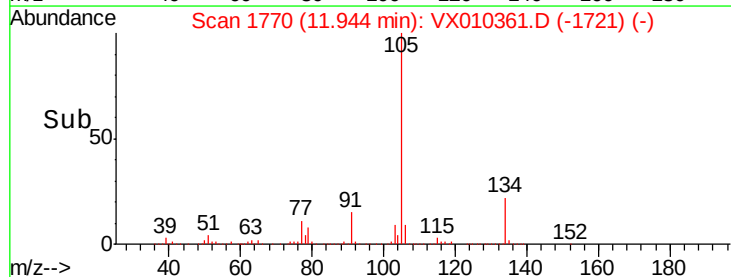
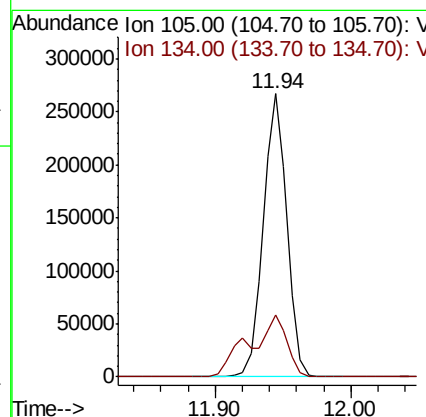
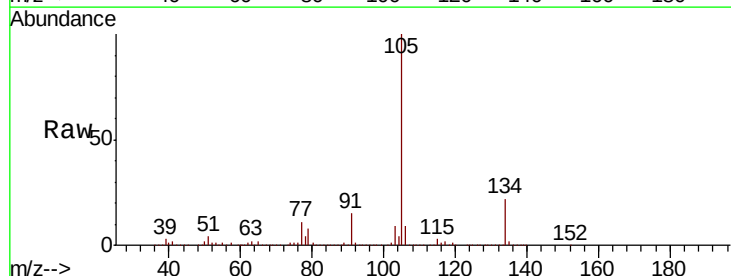
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-061919

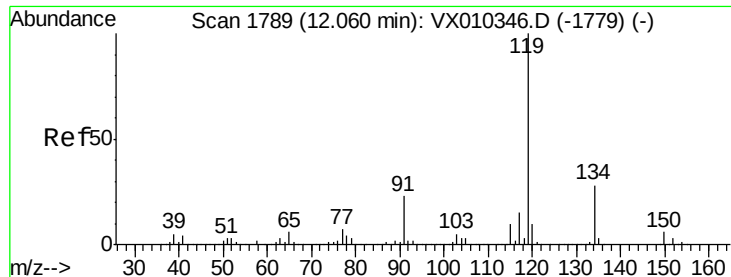
Tot Ion:105 Resp: 58842
 Ion Ratio Lower Upper
 105 100
 120 31.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 25.072 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010361.D
 Acq: 20 Jun 2019 16:48

Tgt Ion:105 Resp: 325064
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.7 31.9

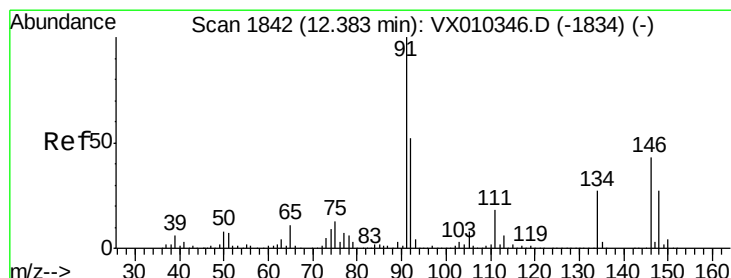
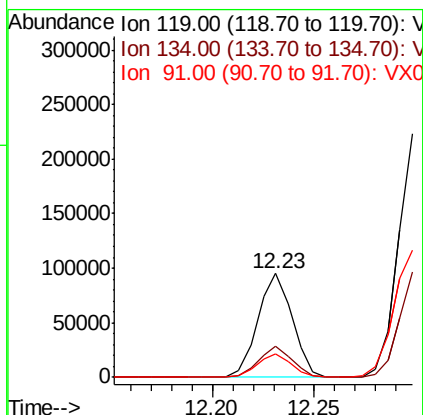
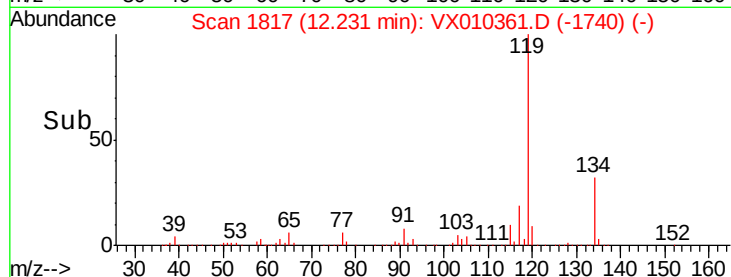
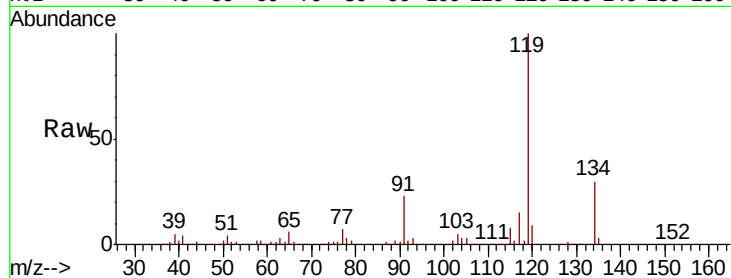




#86
p-Isopropyltoluene
Concen: 9.364 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

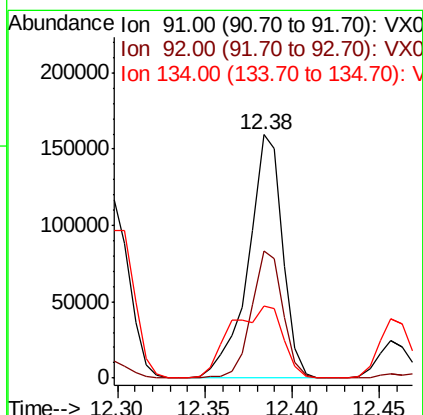
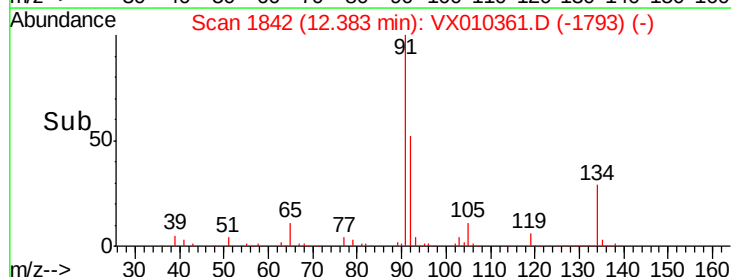
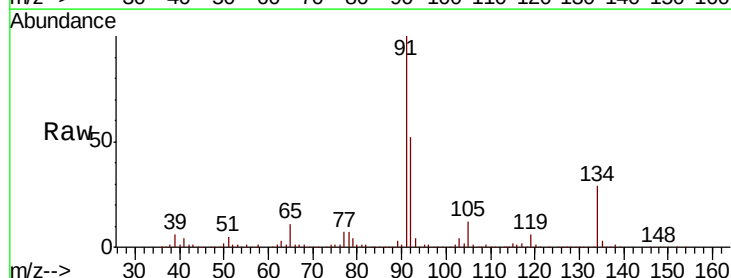
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

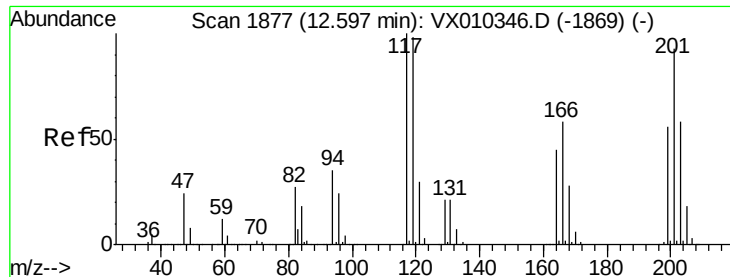
Tot Ion:119 Resp: 112299
Ion Ratio Lower Upper
119 100
134 29.4 13.7 41.1
91 22.3 11.3 33.8



#89
n-Butylbenzene
Concen: 21.459 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Tgt Ion: 91 Resp: 218677
Ion Ratio Lower Upper
91 100
92 47.6 26.2 78.5
134 44.8 14.1 42.4#





#90

Hexachloroethane

Concen: 29.608 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

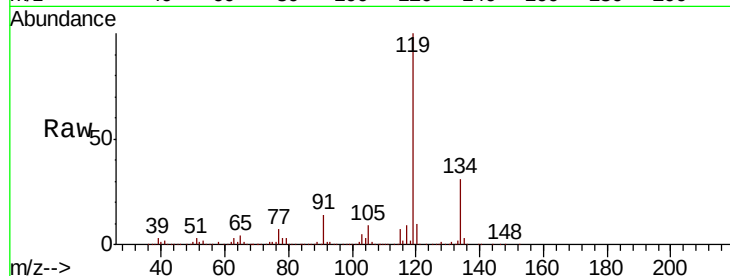
T3-MW-3-9.0-061919

Tot Ion:117 Resp: 61395

Ion Ratio Lower Upper

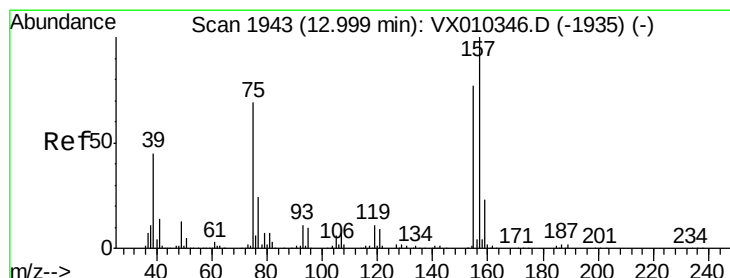
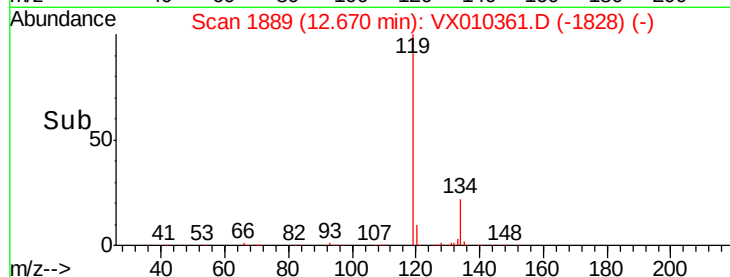
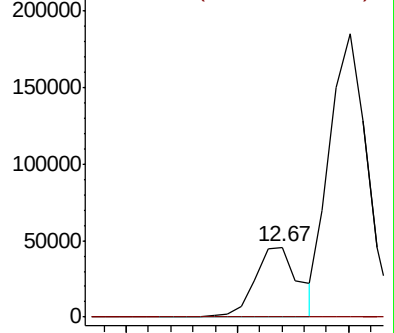
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.252 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010361.D

Acq: 20 Jun 2019 16:48

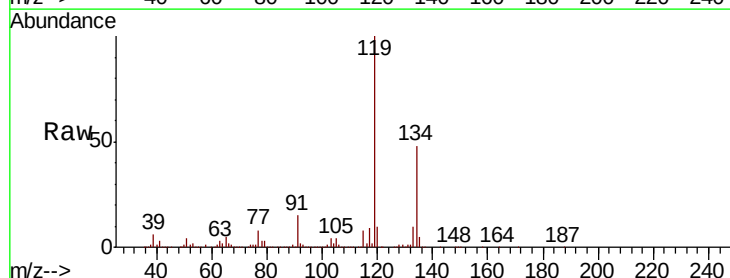
Tgt Ion: 75 Resp: 5005

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

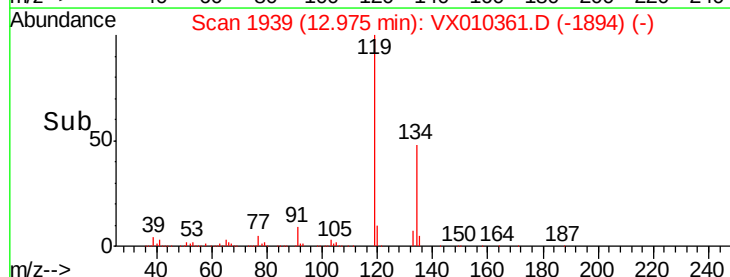
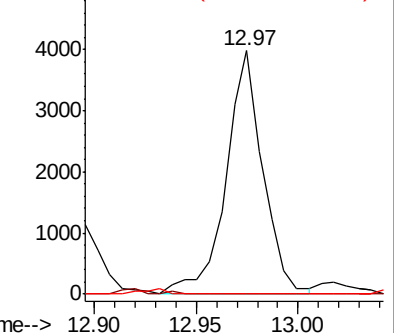
157 0.0 69.5 208.3#

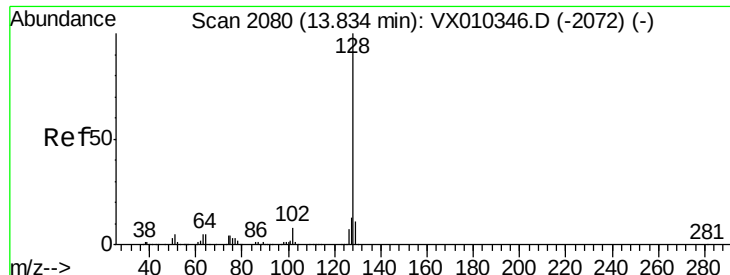


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.783 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010361.D
Acq: 20 Jun 2019 16:48

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-061919

Tot Ion:128 Resp: 10783
Ion Ratio Lower Upper
128 100
127 18.5 10.2 15.4#
129 17.3 8.9 13.3#

