

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010694.D
 Acq On : 08 Jul 2019 14:39
 Operator : JC/SP
 Sample : K3669-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

Quant Time: Jul 09 01:08:23 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	5.66	168	237035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116430	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	112407	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	441377	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.13	95	154618	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	471	0.460	ug/l #	70
11) Tert butyl alcohol	3.03	59	1164	2.002	ug/l #	74
13) Acrolein	2.29	56	196	0.508	ug/l #	14
15) Acrylonitrile	3.18	53	613	0.532	ug/l #	34
16) Acetone	2.45	43	2005	1.800	ug/l #	68
18) Methyl Acetate	2.85	43	16052	7.231	ug/l #	49
31) Cyclohexane	5.58	56	2087	0.650	ug/l	94
36) 1,1-Dichloropropene	5.67	75	15074	5.169	ug/l #	47
38) Carbon Tetrachloride	5.67	117	21310	6.748	ug/l #	15
39) Methylcyclohexane	7.46	83	8677	2.263	ug/l #	80
43) Isopropyl Acetate	6.35	43	17568	3.539	ug/l #	57
48) Methyl methacrylate	7.85	41	1492	0.647	ug/l	92
49) 1,4-Dioxane	7.69	88	20	0.301	ug/l #	1
51) 4-Methyl-2-Pentanone	8.68	43	1287	0.405	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	4631	1.877	ug/l #	19
56) Ethyl methacrylate	9.16	69	1112	0.297	ug/l #	1
59) 2-Hexanone	9.30	43	715	0.286	ug/l	83
65) Chlorobenzene	10.13	112	85374	12.456	ug/l	98
69) o-Xylene	10.69	106	987	0.224	ug/l	73
73) Isopropylbenzene	11.02	105	151212	13.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	2130	0.565	ug/l #	31
76) 1,2,3-Trichloropropane	11.13	75	74624	24.380	ug/l #	33
78) n-propylbenzene	11.36	91	54611	4.364	ug/l	98
79) 2-Chlorotoluene	11.36	91	54611	7.329	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	4521	0.482	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.13	75	74624	56.876	ug/l #	16
82) 4-Chlorotoluene	11.36	91	54611	6.440	ug/l #	42
83) tert-Butylbenzene	11.77	119	88444	9.388	ug/l	90
84) 1,2,4-Trimethylbenzene	11.94	105	379096	40.198	ug/l #	31
85) sec-Butylbenzene	11.94	105	379096	34.271	ug/l	95
86) p-Isopropyltoluene	12.23	119	383388	37.470	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	8179	1.474	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	21115	3.737	ug/l	90
89) n-Butylbenzene	12.38	91	21776	2.505	ug/l #	49

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Response via : Initial Calibration

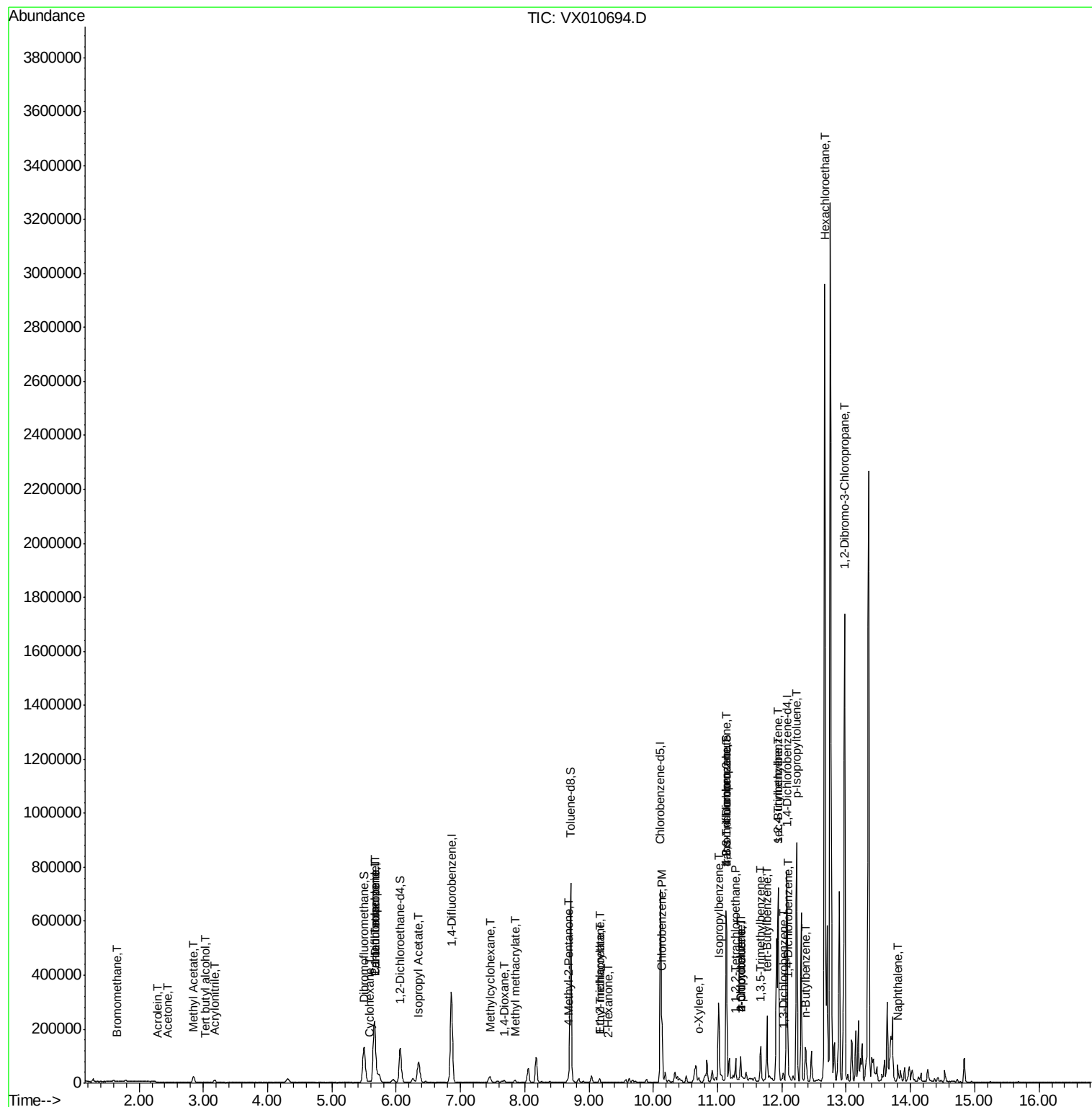
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.67	117	127362	71.988	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	5816	7.154	ug/l #	1
95) Naphthalene	13.80	128	3579	0.304	ug/l #	1

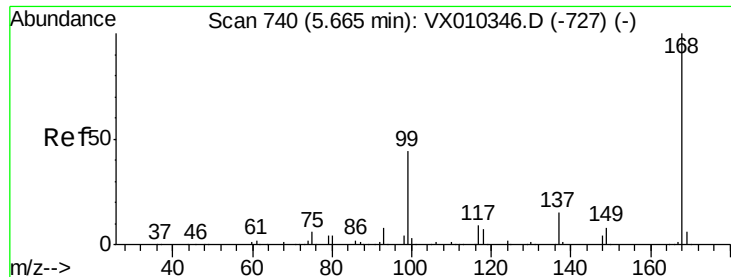
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

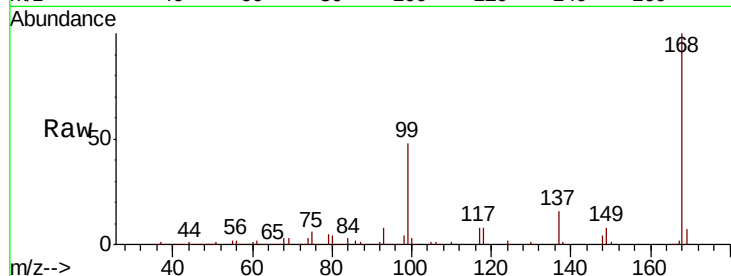
ST008MW037-190701

Tot Ion:168 Resp: 237035

Ion Ratio Lower Upper

168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

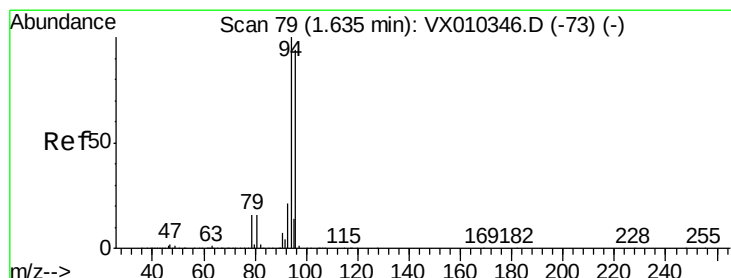
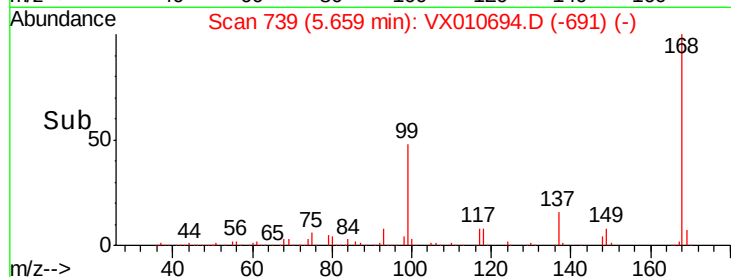
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.460 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010694.D

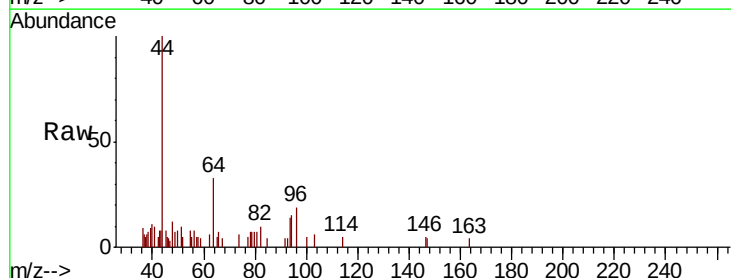
Acq: 08 Jul 2019 14:39

Tgt Ion: 94 Resp: 471

Ion Ratio Lower Upper

94 100

96 65.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

500

400

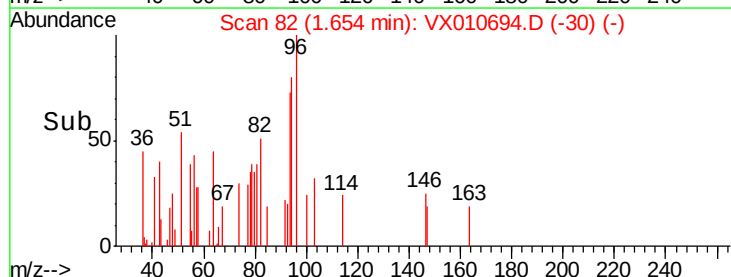
300

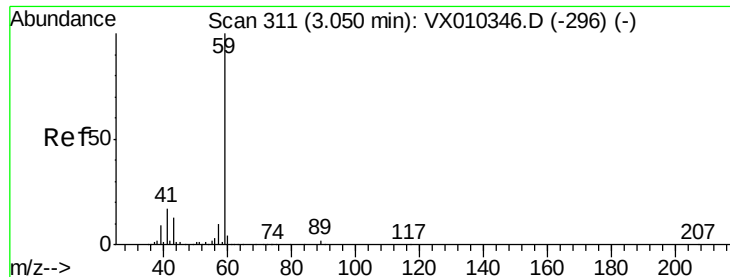
200

100

0

Time--> 1.62 1.64 1.66 1.68





#11

Tert butyl alcohol

Concen: 2.002 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

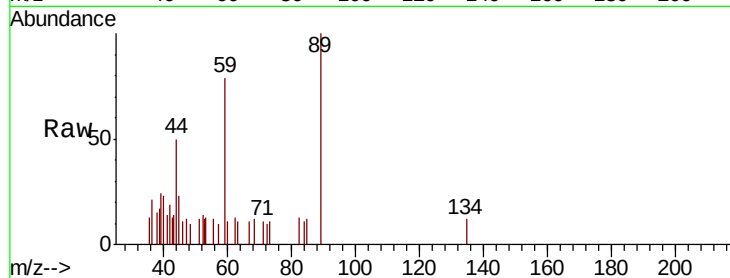
ST008MW037-190701

Tot Ion: 59 Resp: 1164

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

400

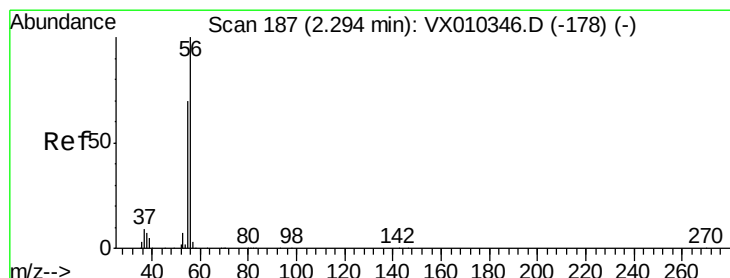
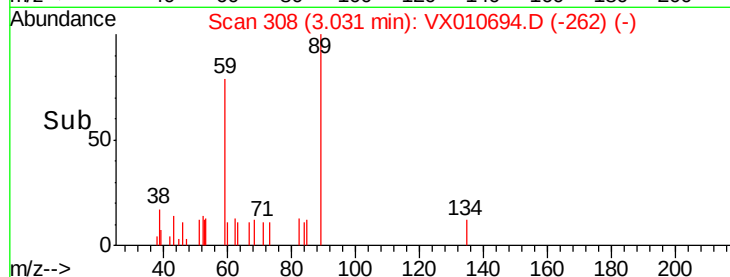
300

200

100

0

Time-->



#13

Acrolein

Concen: 0.508 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010694.D

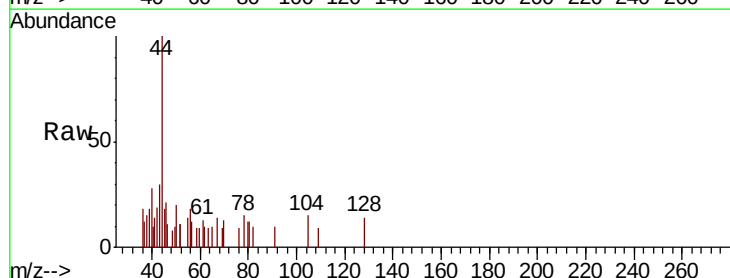
Acq: 08 Jul 2019 14:39

Tgt Ion: 56 Resp: 196

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

2.29

250

200

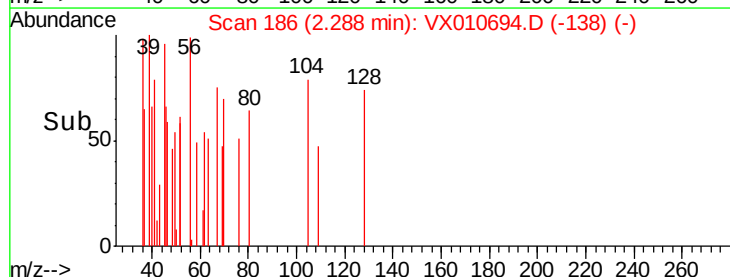
150

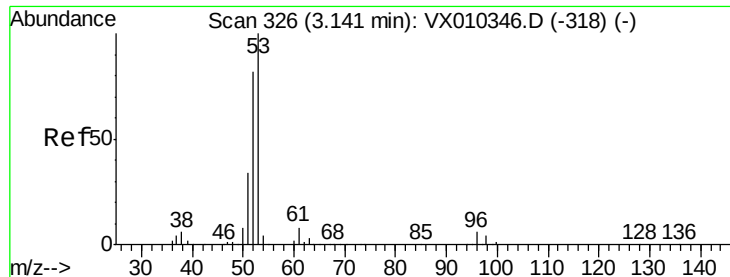
100

50

0

Time-->





#15

Acrylonitrile

Concen: 0.532 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

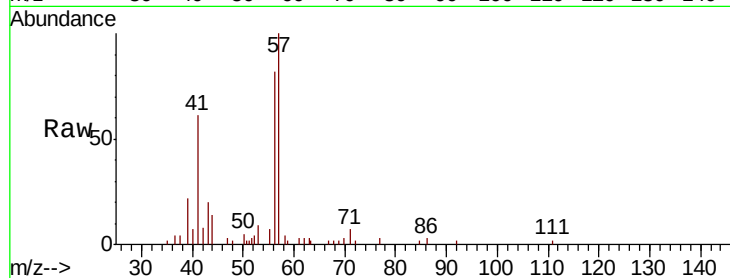
Tot Ion: 53 Resp: 613

Ion Ratio Lower Upper

53 100

52 15.5 65.5 98.3#

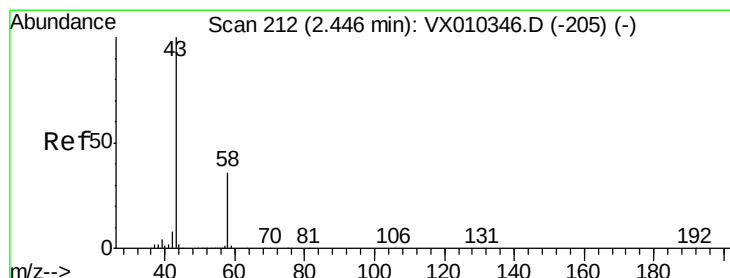
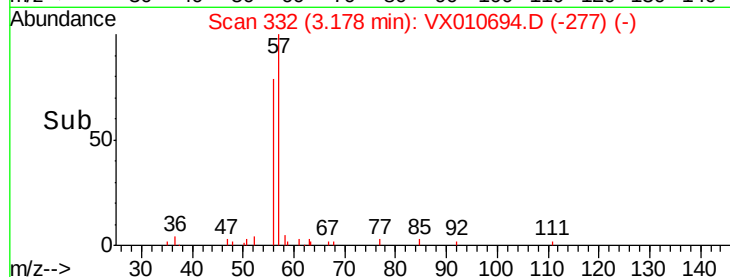
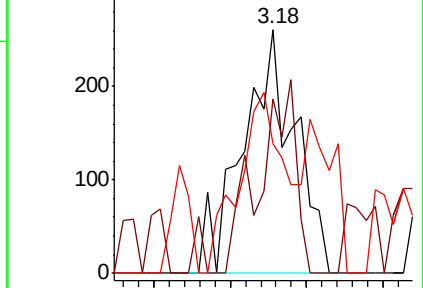
51 62.6 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.800 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010694.D

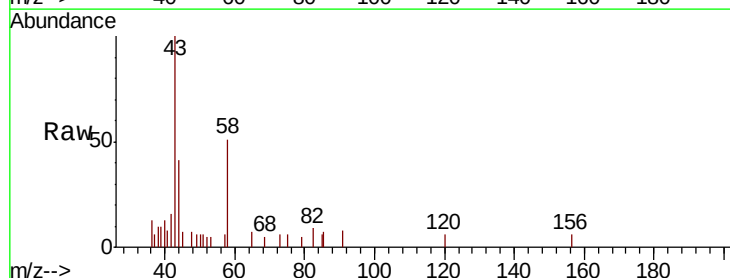
Acq: 08 Jul 2019 14:39

Tgt Ion: 43 Resp: 2005

Ion Ratio Lower Upper

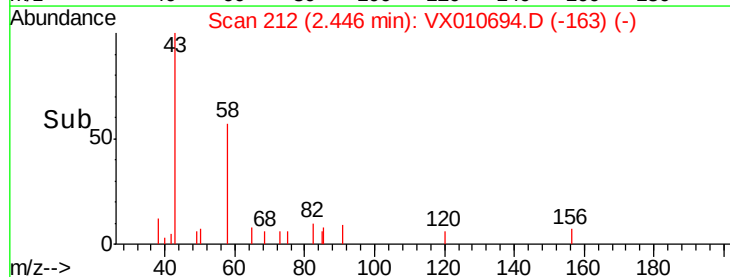
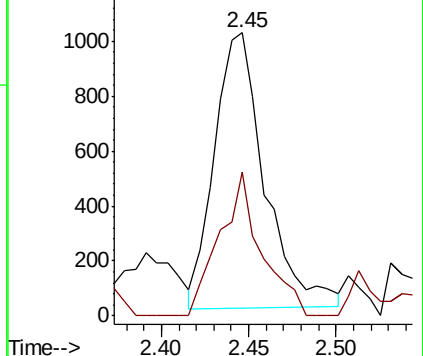
43 100

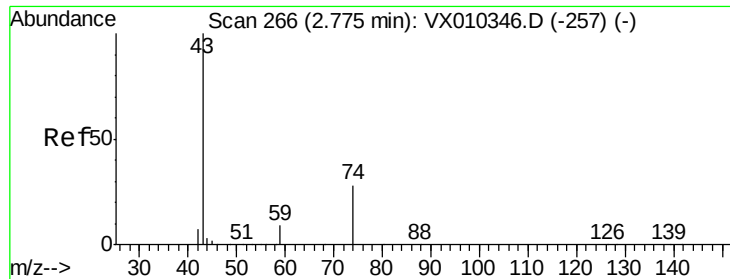
58 54.9 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

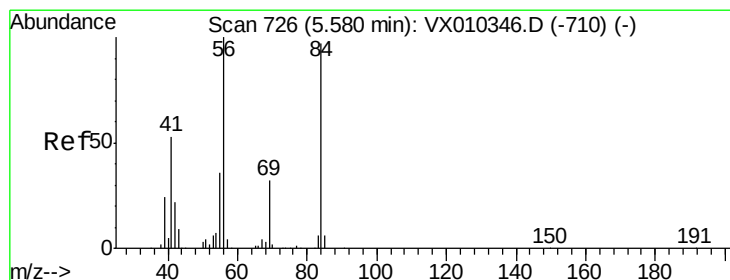
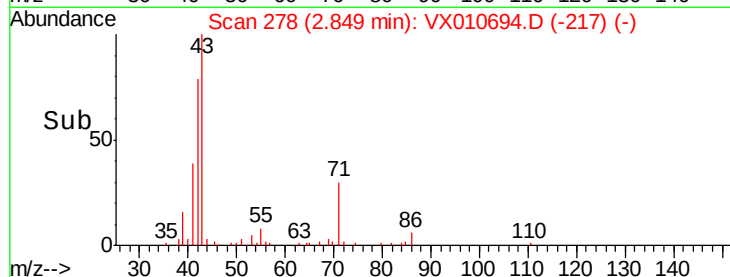
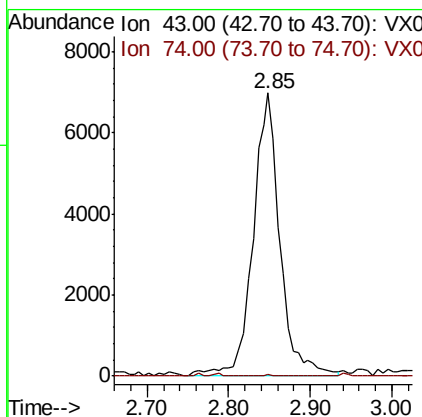
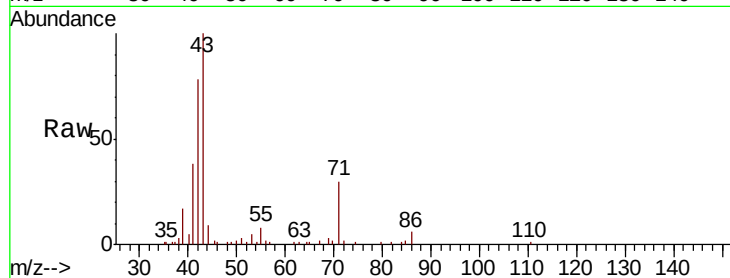




#18
Methvl Acetate
Concen: 7.231 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

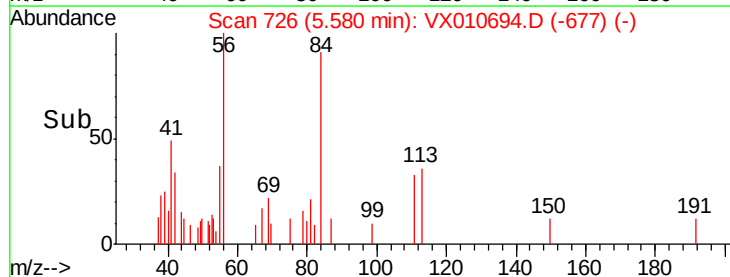
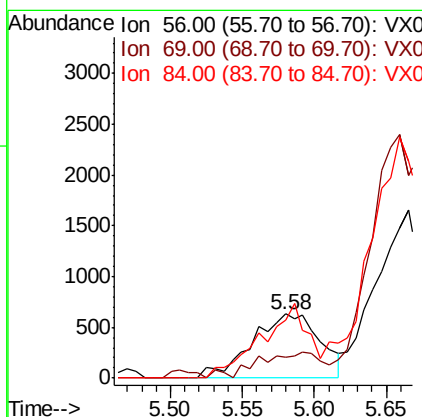
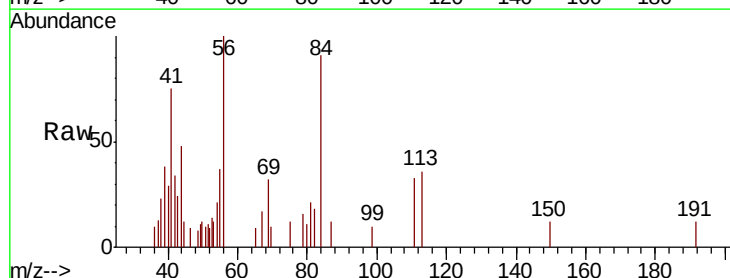
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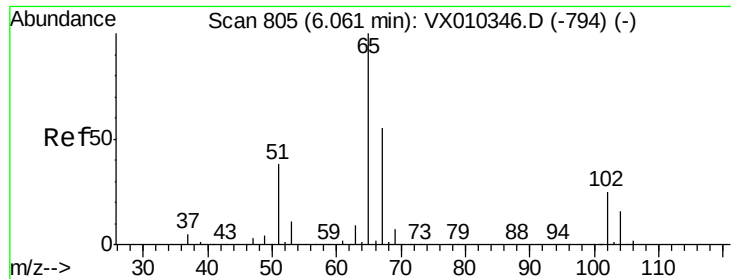
Tot Ion: 43 Resp: 16052
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#31
Cyclohexane
Concen: 0.650 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion: 56 Resp: 2087
Ion Ratio Lower Upper
56 100
69 34.4 25.9 38.9
84 90.8 78.0 117.0

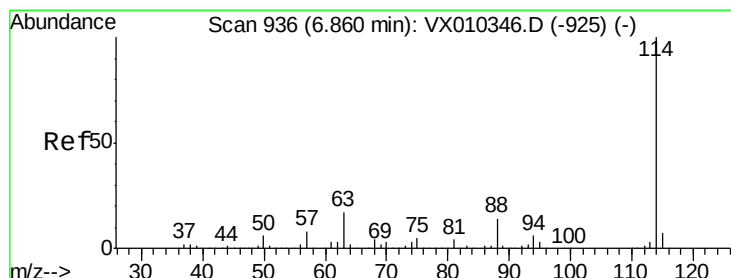
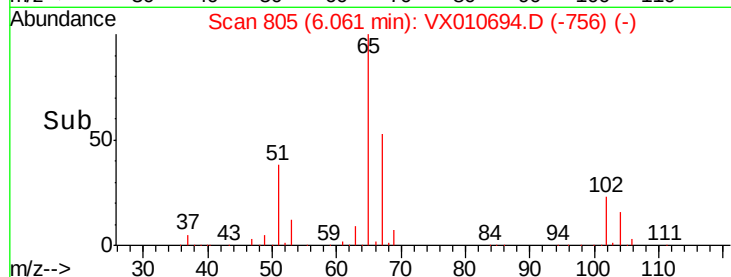
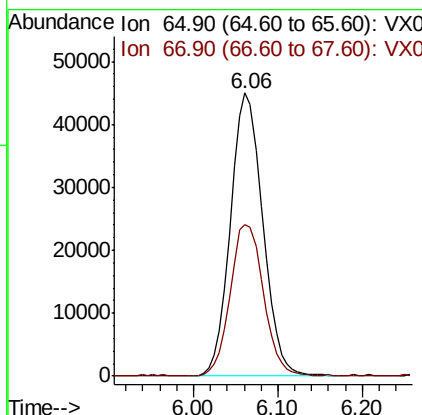
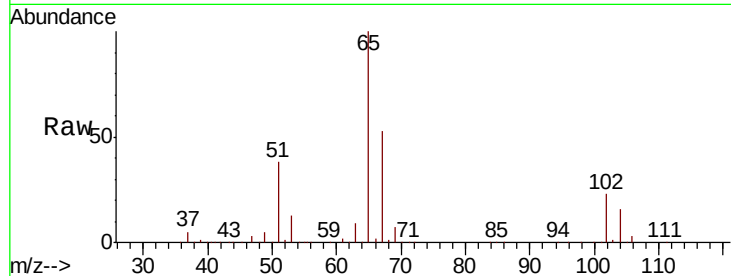




#33
 1,2-Dichloroethane-d4
 Concen: 52.388 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

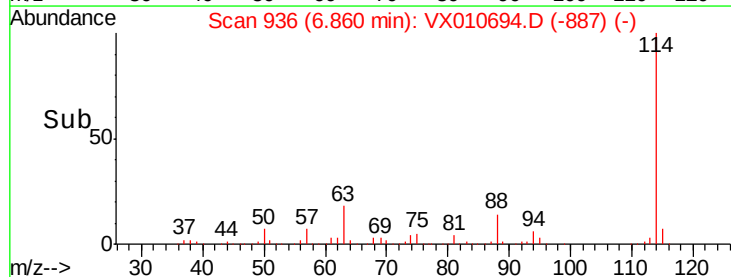
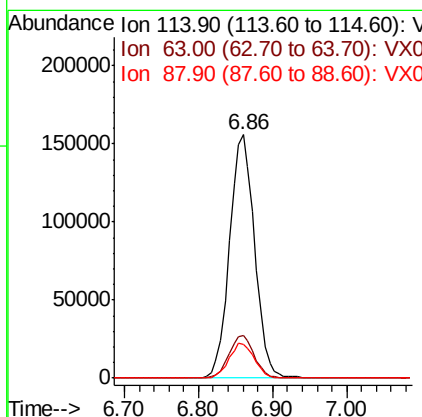
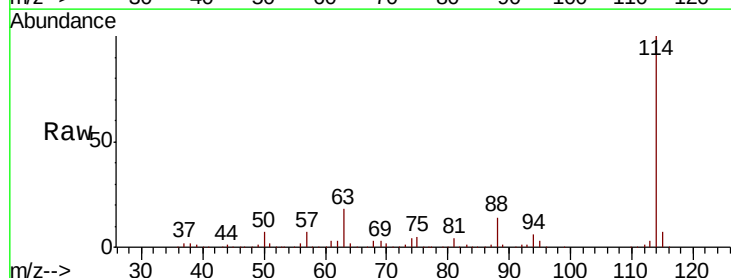
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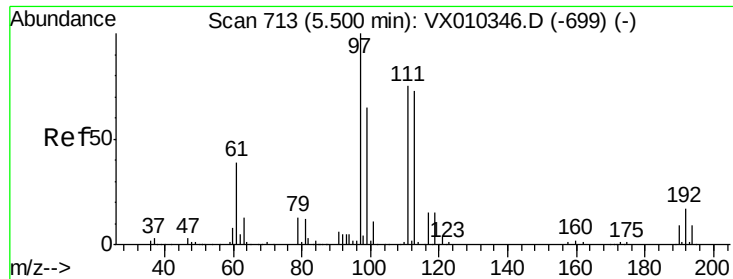
Tot Ion: 65 Resp: 116430
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion: 114 Resp: 367016
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.1 0.0 27.6

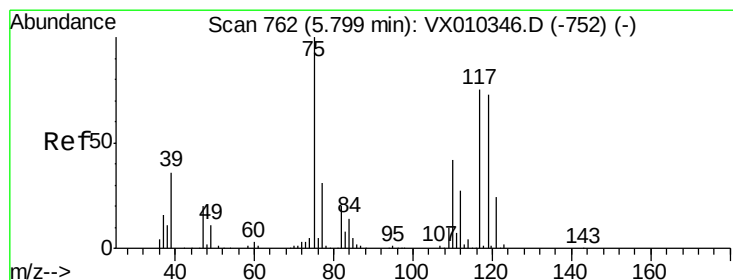
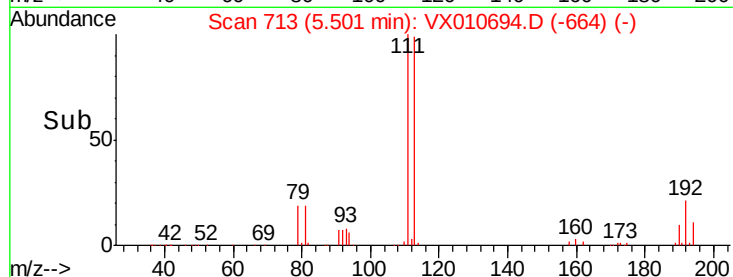
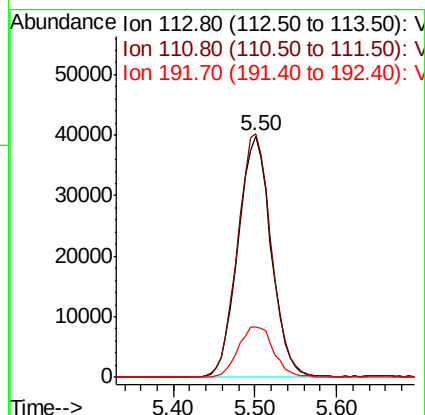
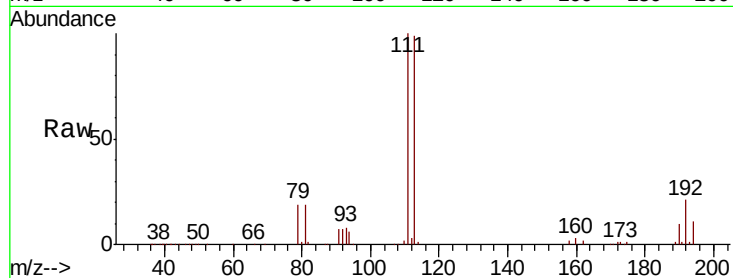




#35
 Dibromofluoromethane
 Concen: 50.058 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

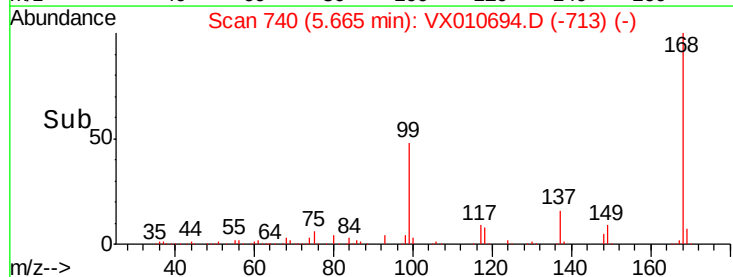
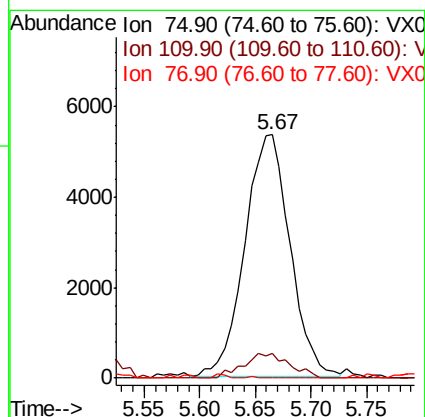
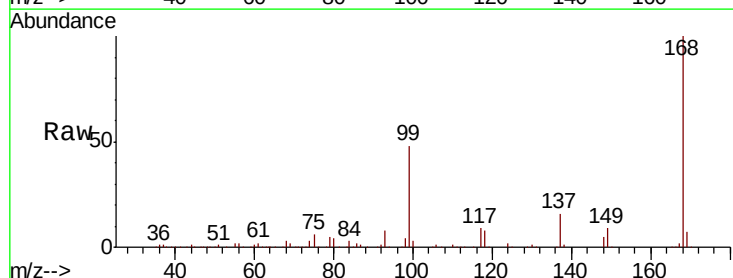
Instrument :
 MSVOA_X
 ClientSampleId :
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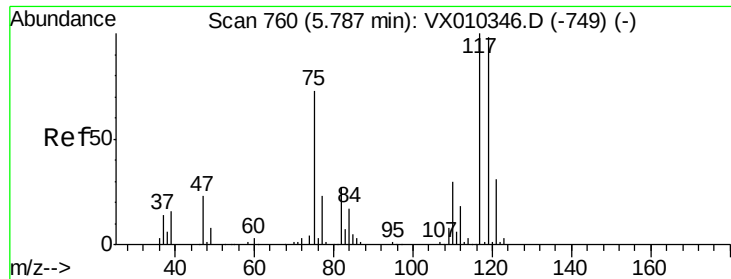
Tot Ion:113 Resp: 112407
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.2 121.8
 192 22.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.169 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion: 75 Resp: 15074
 Ion Ratio Lower Upper
 75 100
 110 10.4 20.8 62.2#
 77 0.1 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.748 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

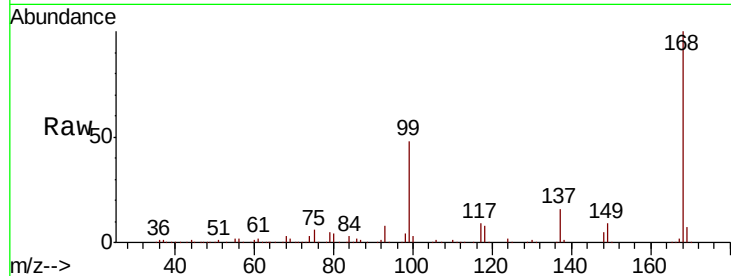
Tot Ion:117 Resp: 21310

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.4#

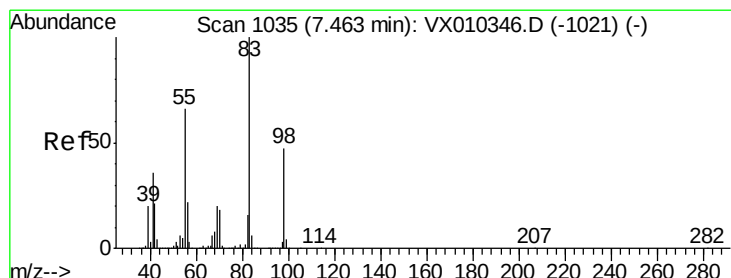
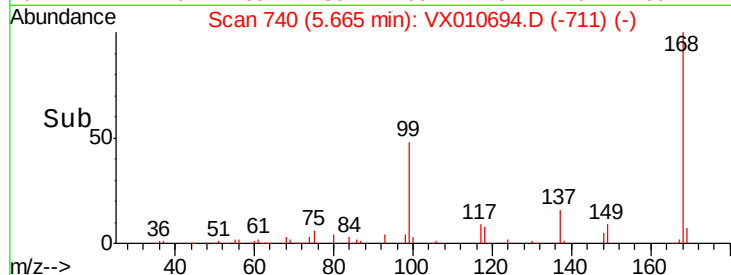
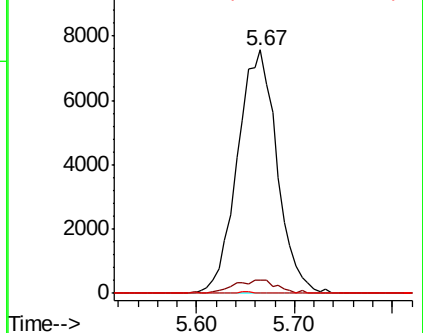
121 0.0 24.7 37.1#



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: 2.263 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

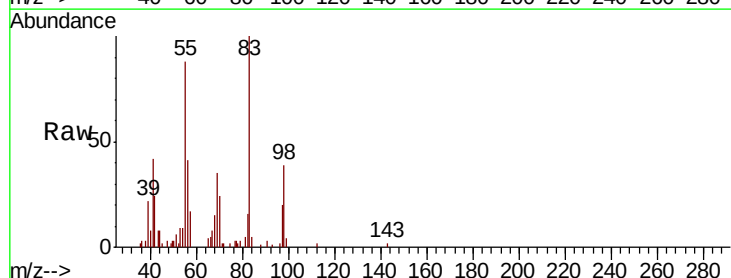
Tgt Ion: 83 Resp: 8677

Ion Ratio Lower Upper

83 100

55 86.7 53.0 79.6#

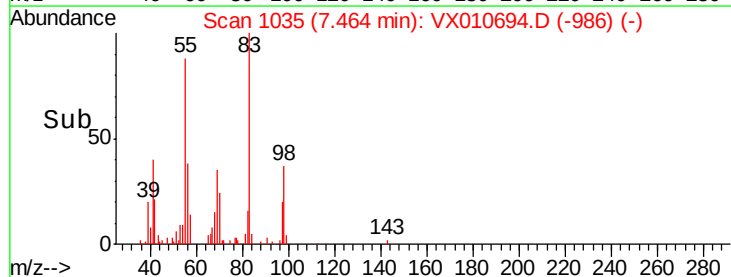
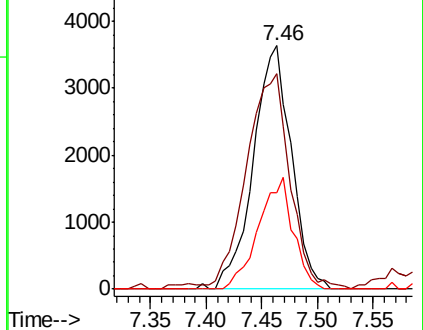
98 39.4 37.8 56.8

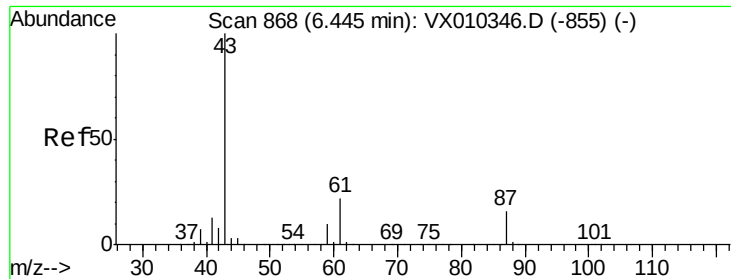


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 3.539 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

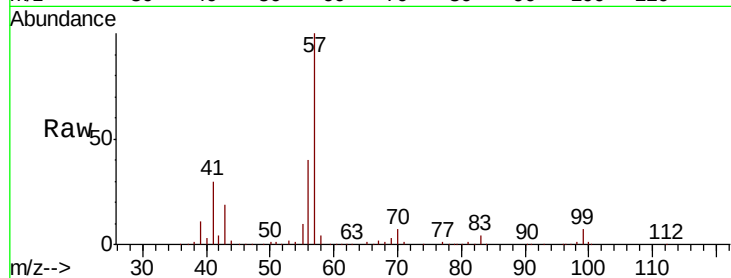
Tot Ion: 43 Resp: 17568

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

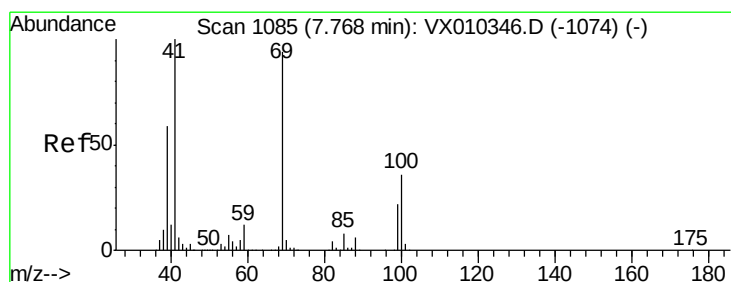
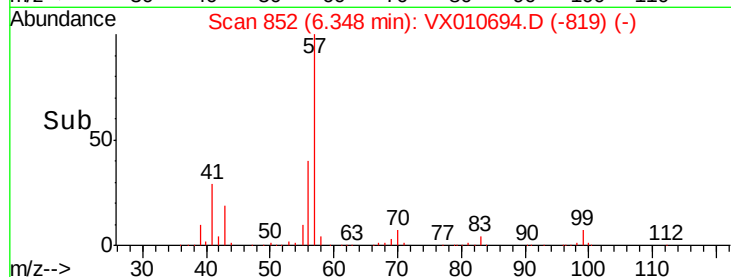
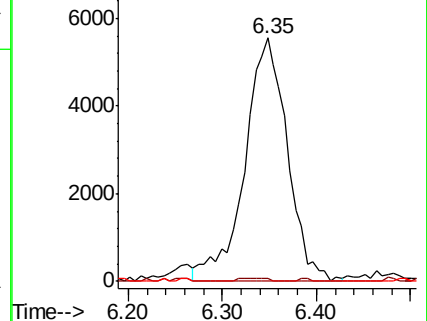
87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 0.647 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. 0.08 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

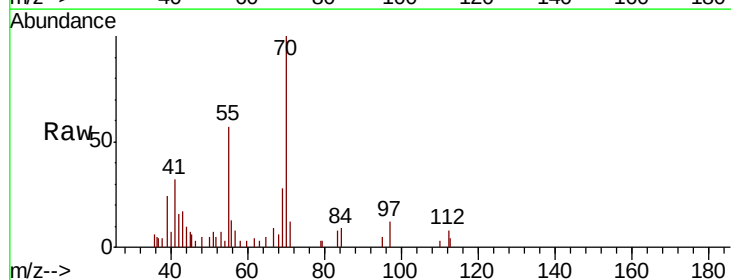
Tgt Ion: 41 Resp: 1492

Ion Ratio Lower Upper

41 100

69 82.4 76.1 114.1

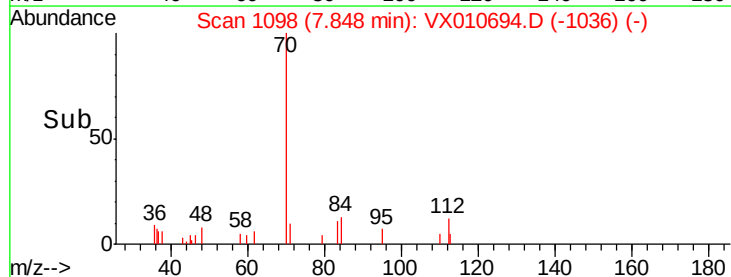
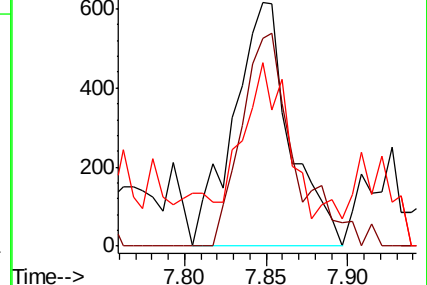
39 59.5 47.6 71.4

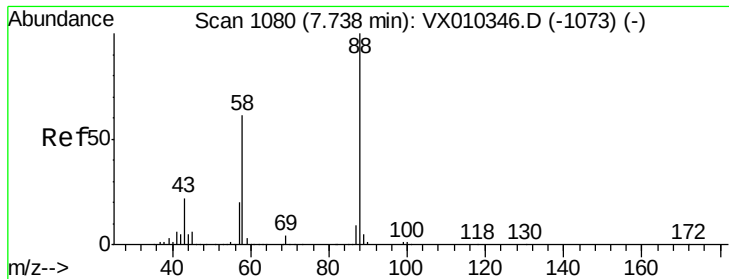


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

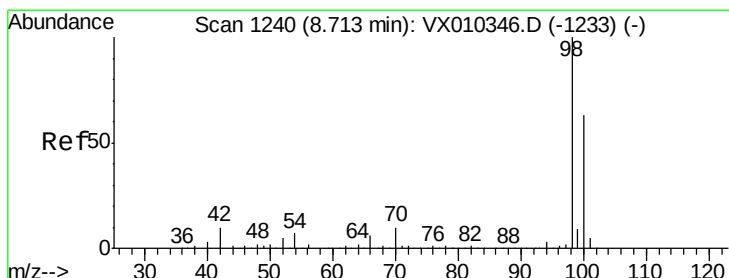
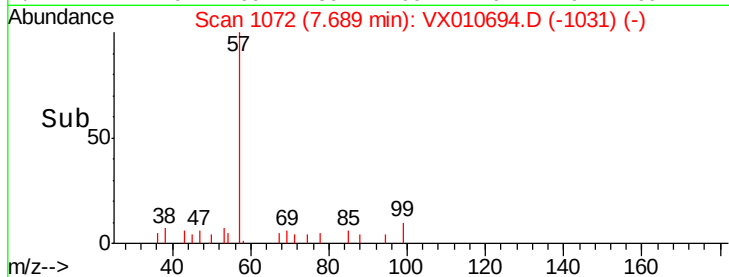
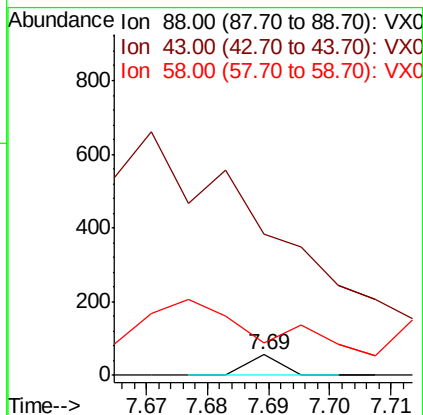
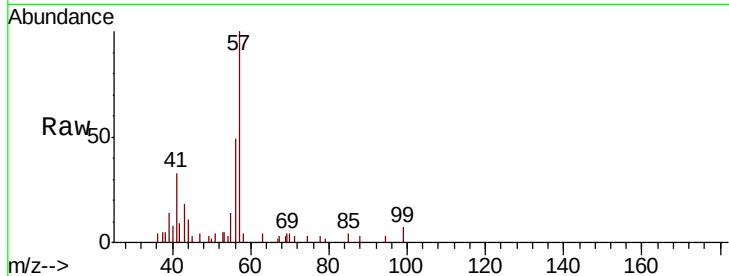




#49
1,4-Dioxane
Concen: 0.301 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

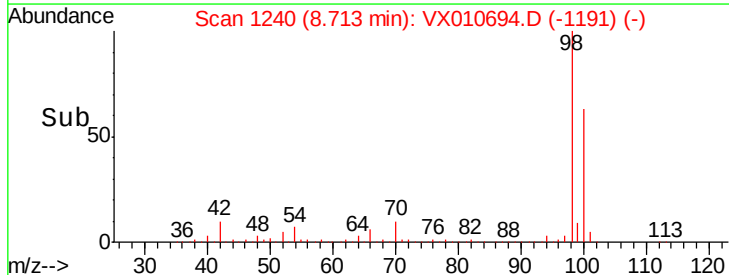
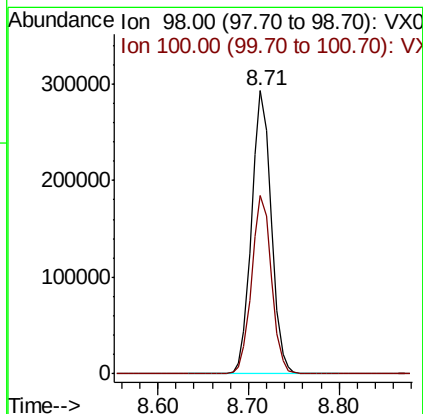
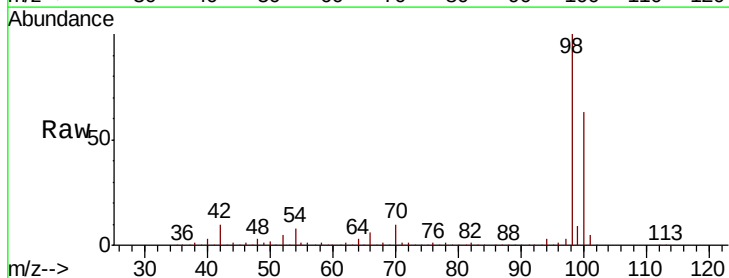
Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

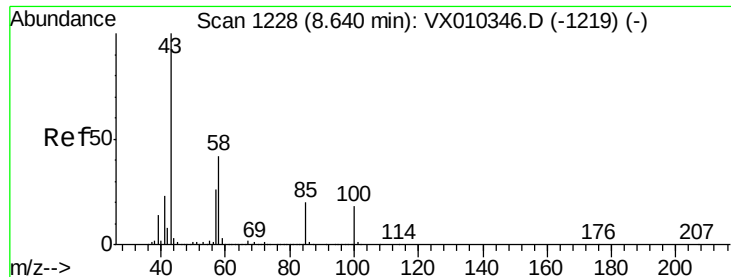
Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 5890.0 20.2 30.2#
58 1385.0 49.5 74.3#



#50
Toluene-d8
Concen: 51.377 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion: 98 Resp: 441377
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.405 ug/l

RT: 8.68 min Scan# 1235

Delta R.T. 0.04 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

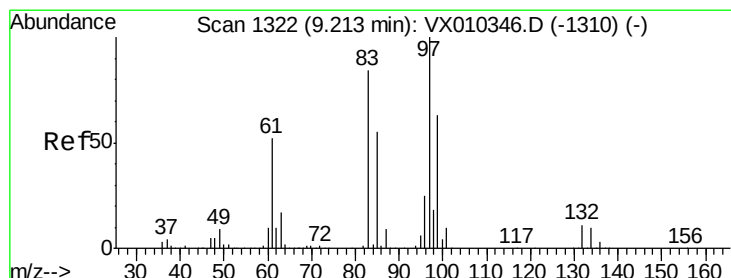
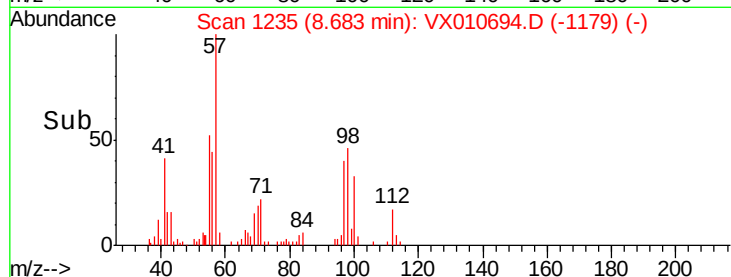
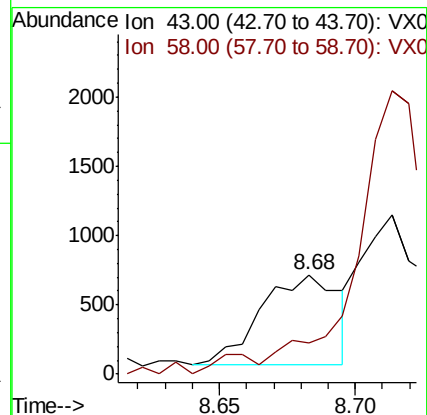
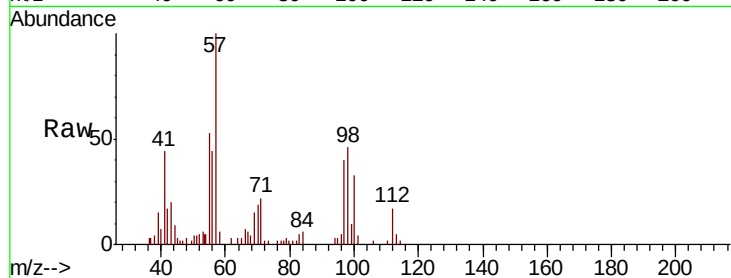
ST008MW037-190701

Tot Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#



#55

1,1,2-Trichloroethane

Concen: 1.877 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Tgt Ion: 97 Resp: 4631

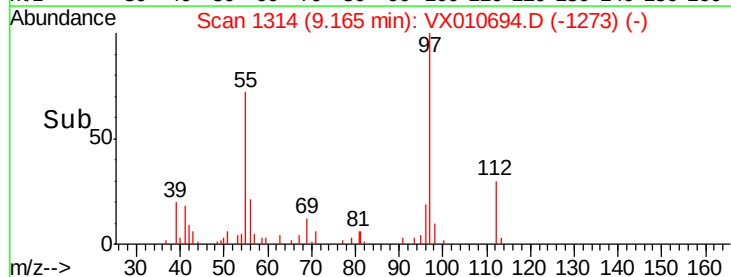
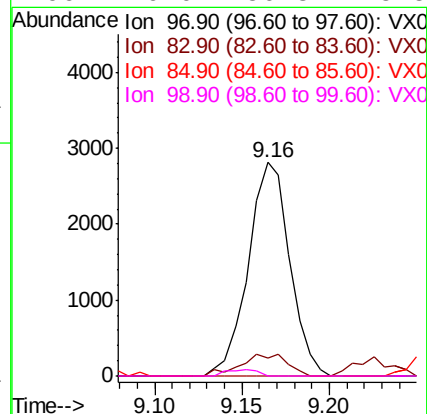
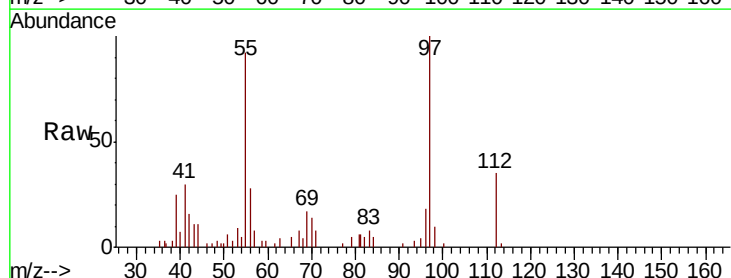
Ion Ratio Lower Upper

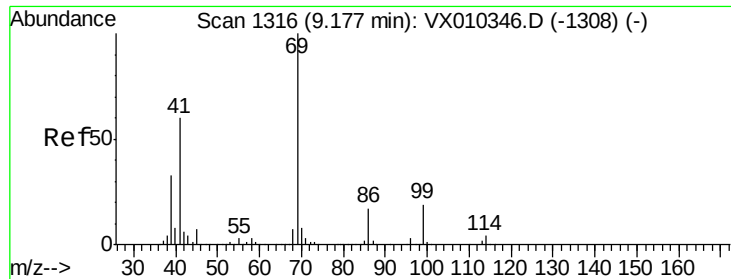
97 100

83 8.5 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

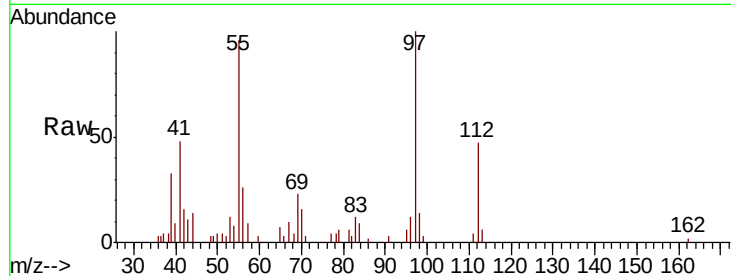




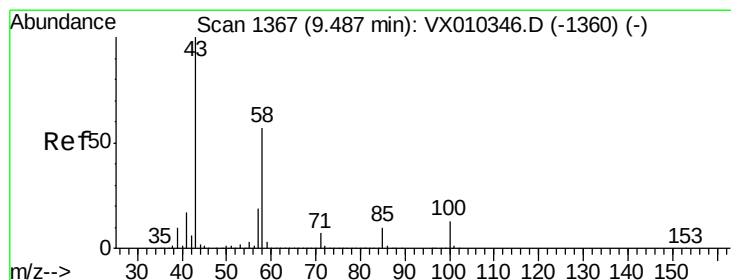
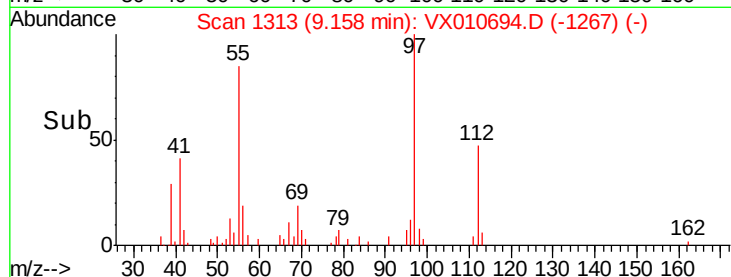
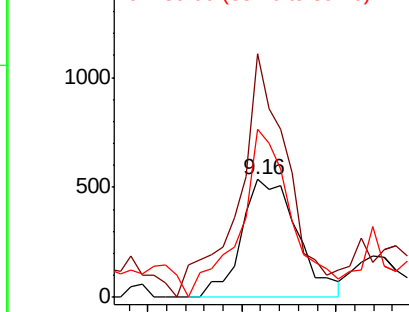
#56
Ethyl methacrylate
Concen: 0.297 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tot Ion: 69 Resp: 1112
Ion Ratio Lower Upper
69 100
41 178.2 47.1 70.7#
39 131.3 26.6 40.0#

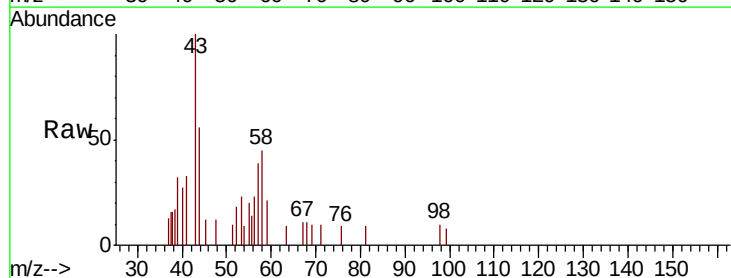


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

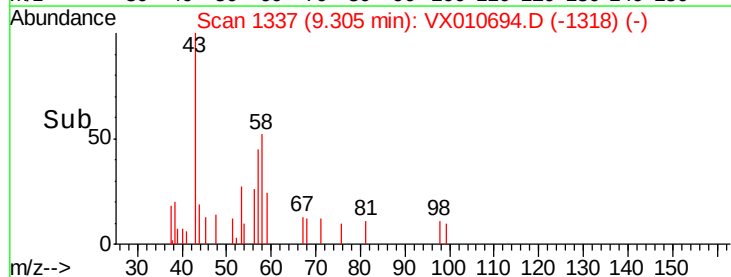
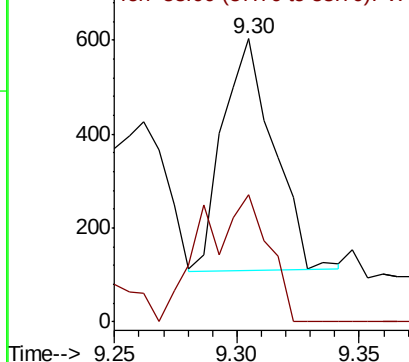


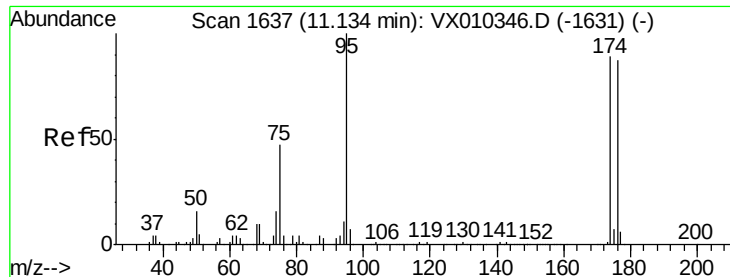
#59
2-Hexanone
Concen: 0.286 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. -0.18 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 71.0 29.0 87.1



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





#62

4-Bromofluorobenzene

Concen: 49.851 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

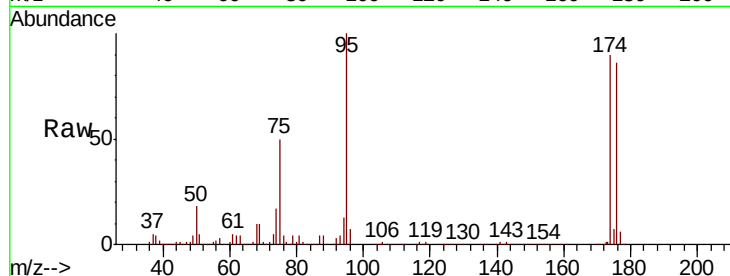
Tot Ion: 95 Resp: 154618

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

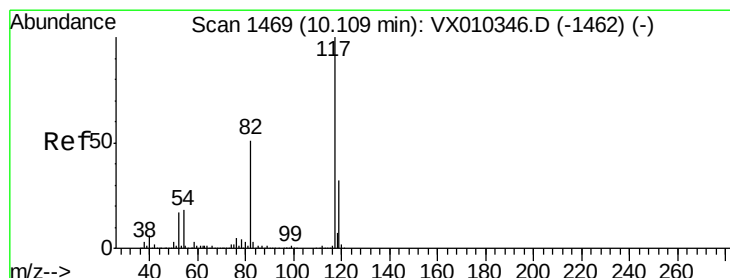
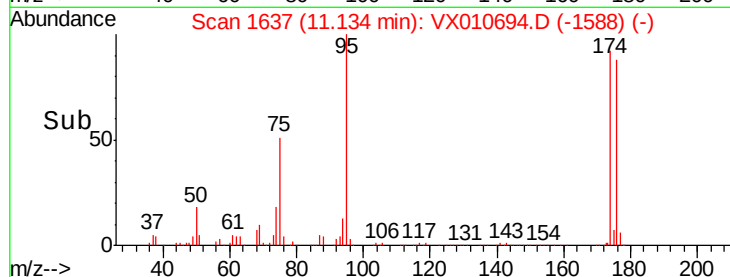
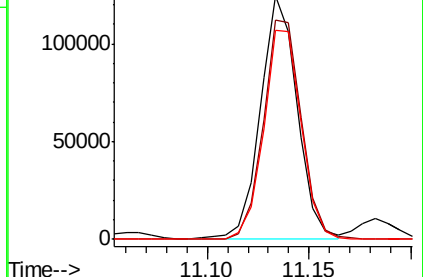
176 89.1 0.0 184.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

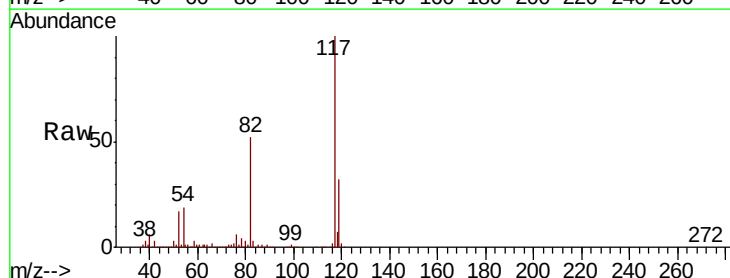
Tgt Ion: 117 Resp: 337595

Ion Ratio Lower Upper

117 100

82 52.4 41.2 61.8

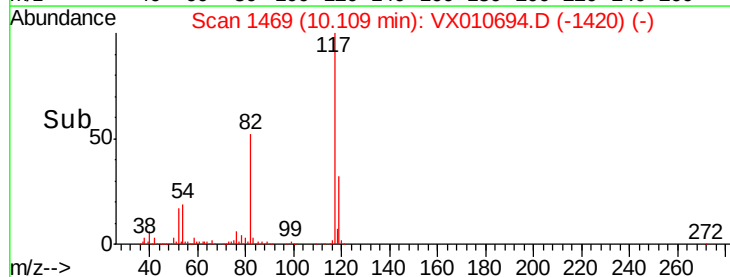
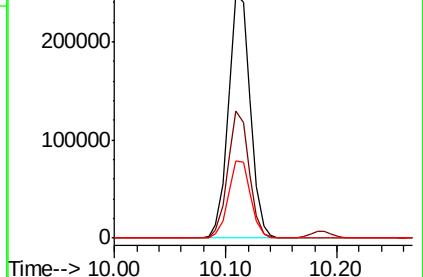
119 31.8 25.5 38.3

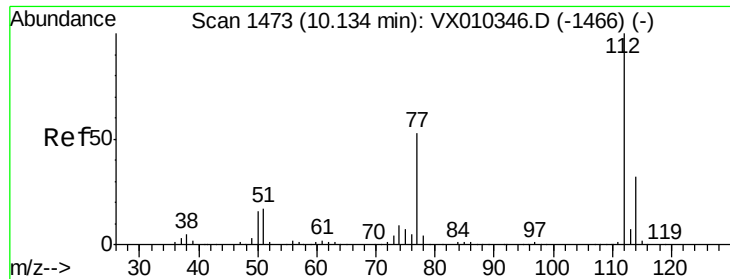


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

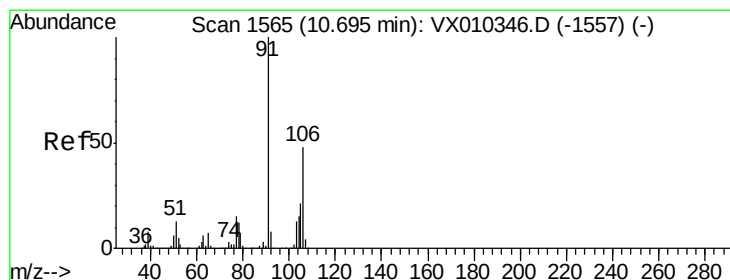
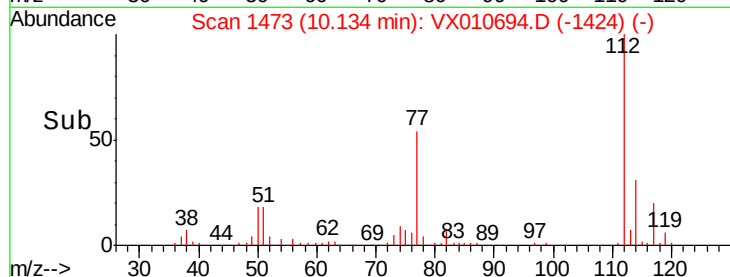
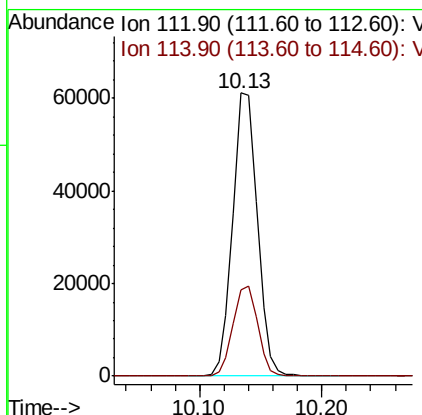
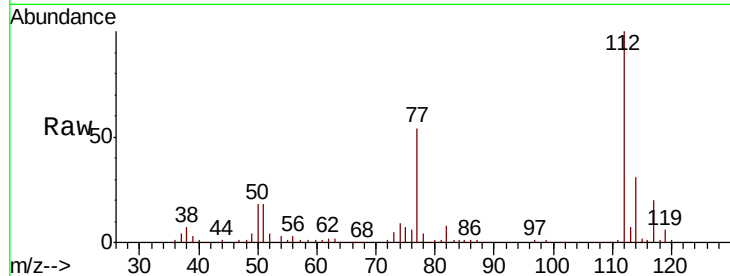




#65
Chlorobenzene
Concen: 12.456 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

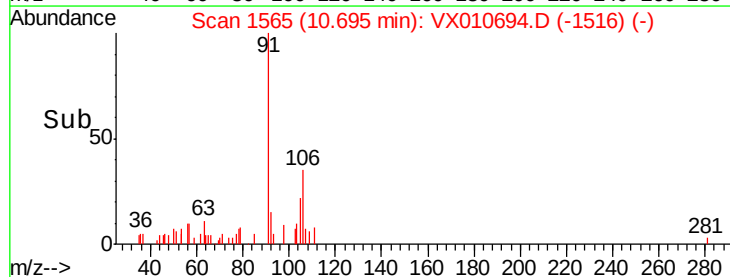
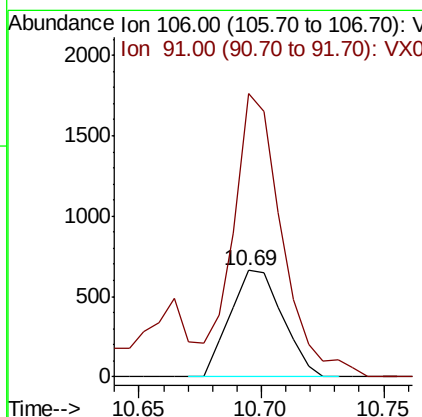
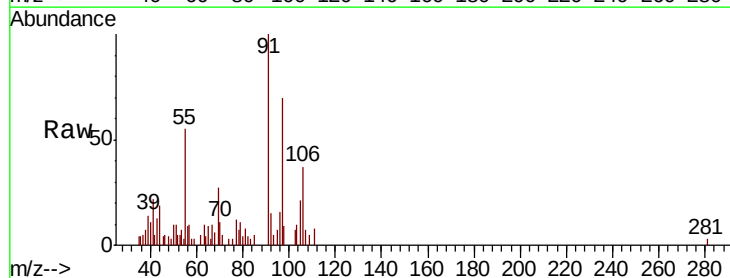
Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

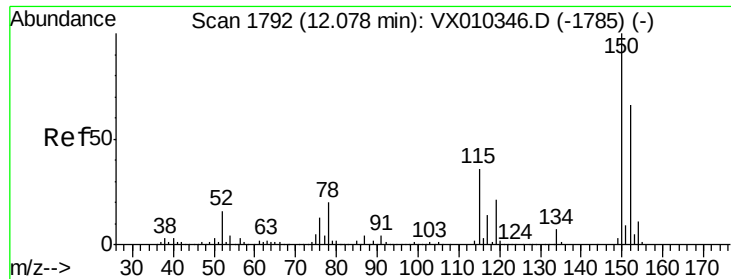
Tot Ion:112 Resp: 85374
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#69
o-Xylene
Concen: 0.224 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion:106 Resp: 987
Ion Ratio Lower Upper
106 100
91 246.8 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

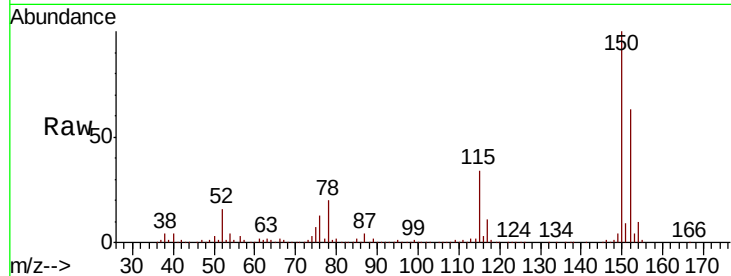
Tot Ion:152 Resp: 167970

Ion Ratio Lower Upper

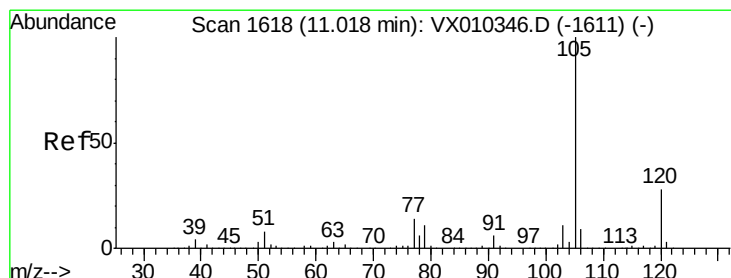
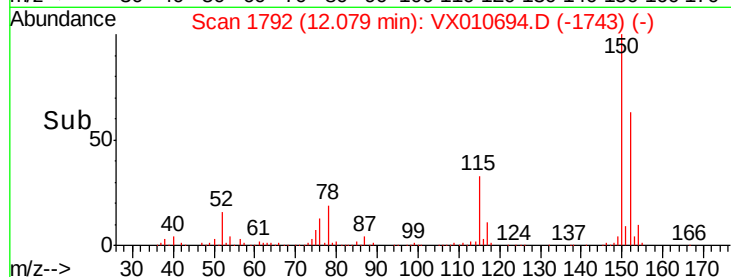
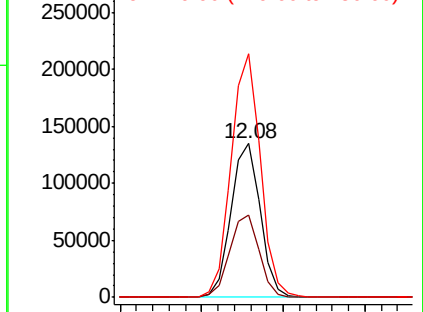
152 100

115 54.5 38.6 115.7

150 158.1 0.0 347.4



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



#73

Isopropylbenzene

Concen: 13.280 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010694.D

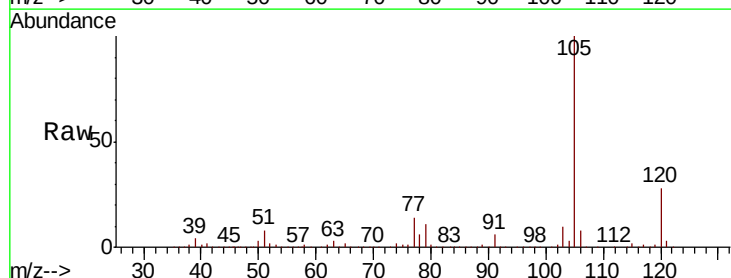
Acq: 08 Jul 2019 14:39

Tgt Ion:105 Resp: 151212

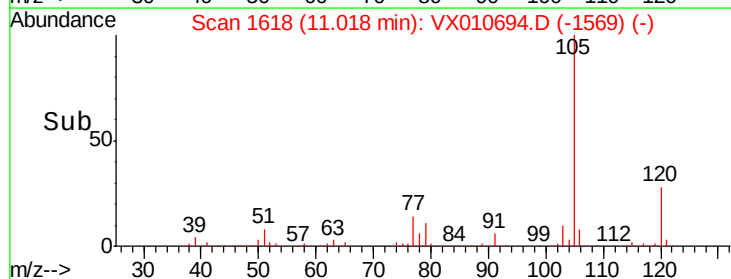
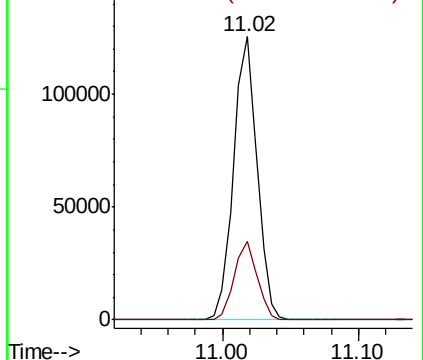
Ion Ratio Lower Upper

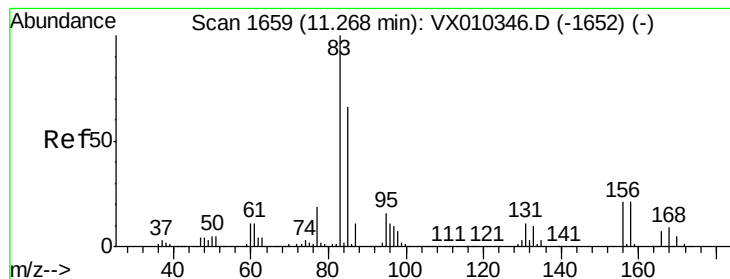
105 100

120 27.2 14.1 42.4



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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.565 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

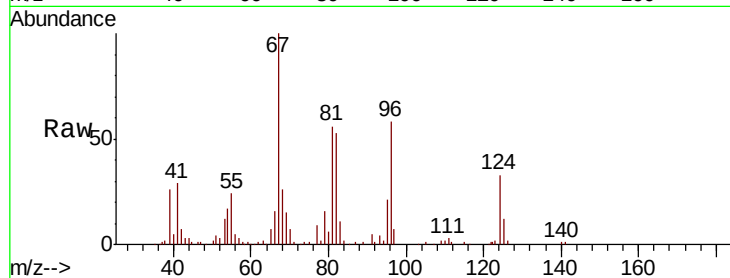
Tot Ion: 83 Resp: 2130

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

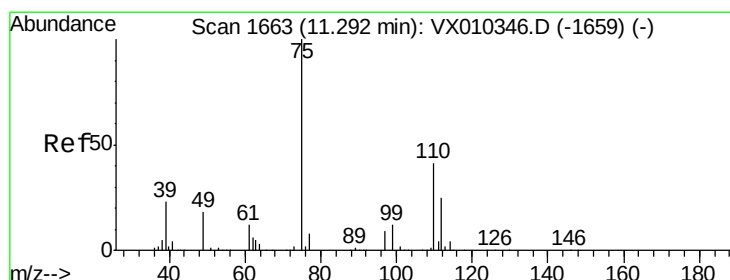
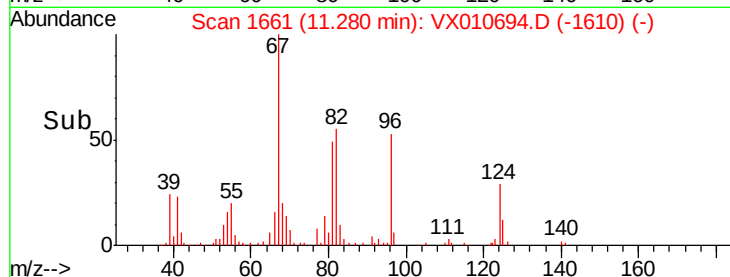
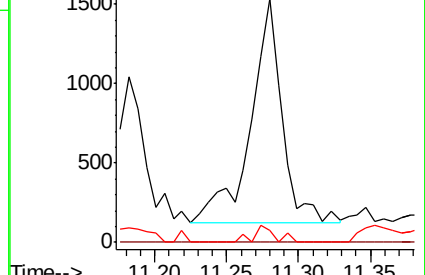
85 5.0 32.3 96.8#



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: 24.380 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010694.D

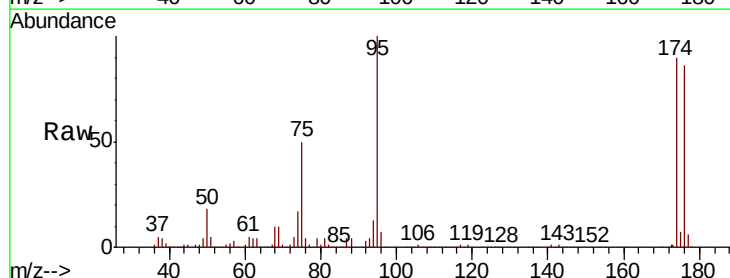
Acq: 08 Jul 2019 14:39

Tgt Ion: 75 Resp: 74624

Ion Ratio Lower Upper

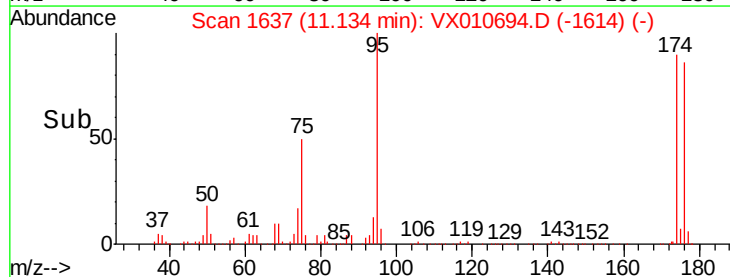
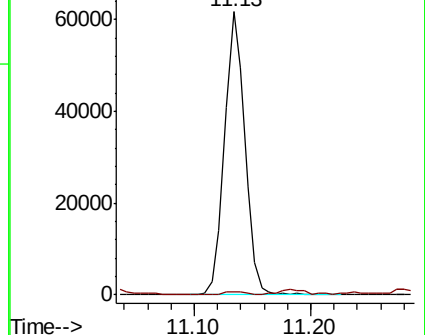
75 100

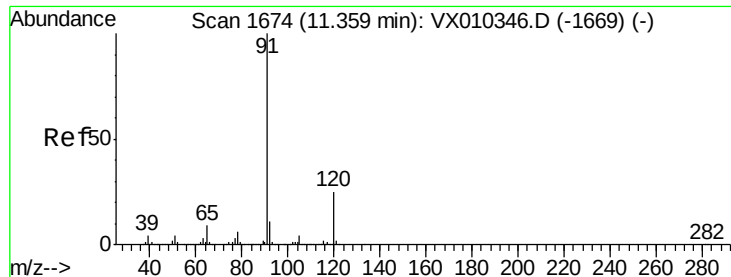
77 1.1 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.364 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

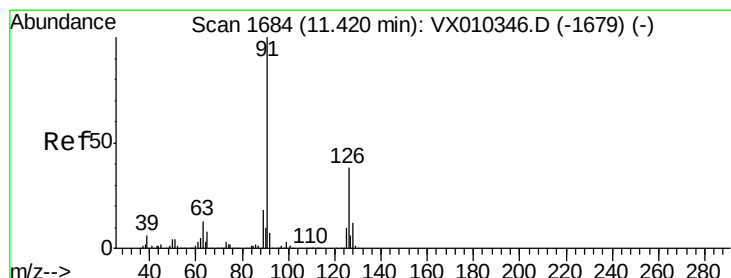
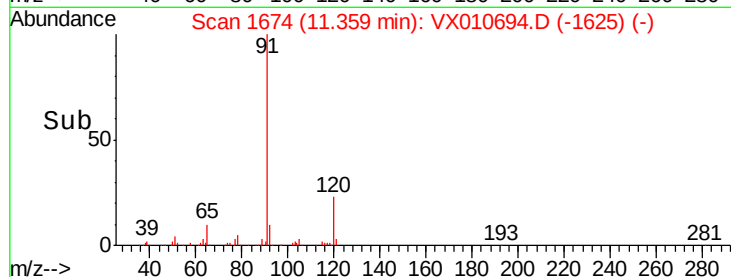
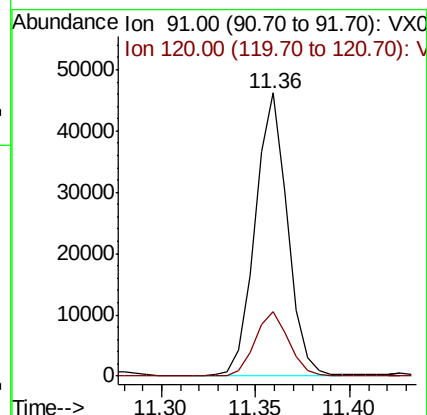
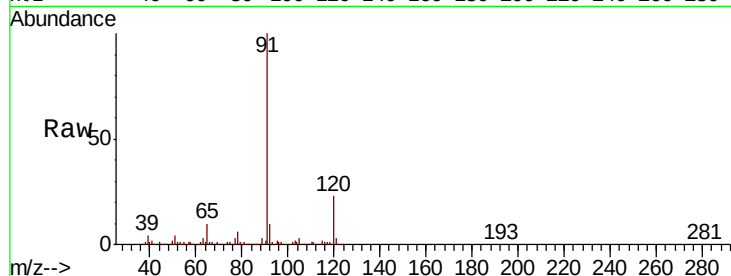
ST008MW037-190701

Tot Ion: 91 Resp: 54611

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.4



#79

2-Chlorotoluene

Concen: 7.329 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010694.D

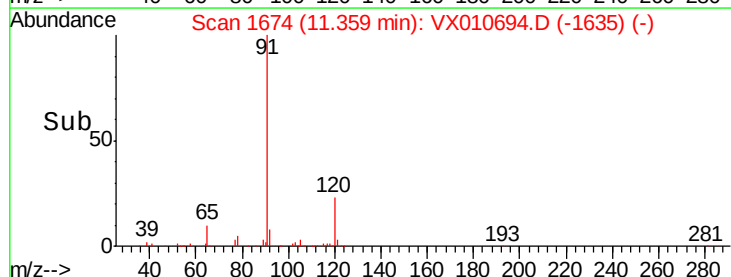
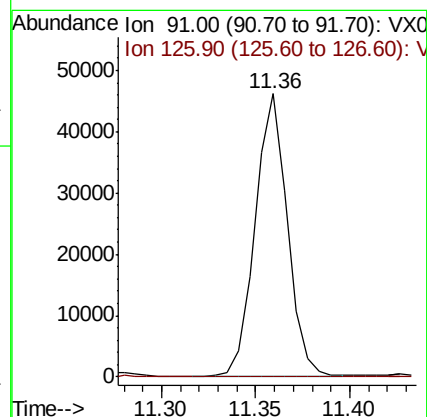
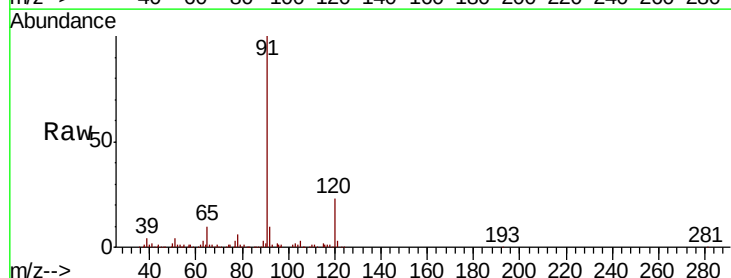
Acq: 08 Jul 2019 14:39

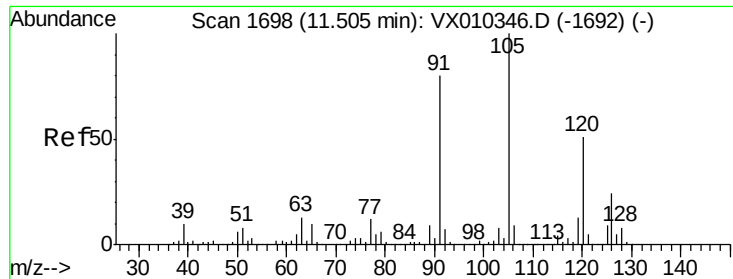
Tgt Ion: 91 Resp: 54611

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

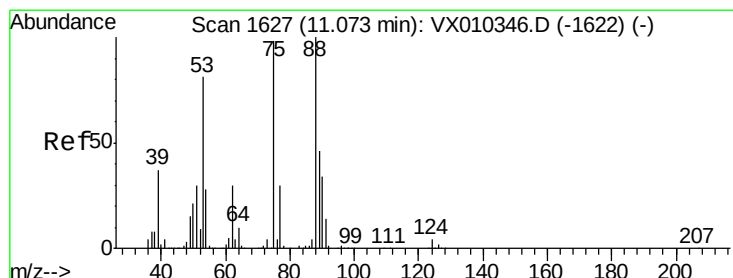
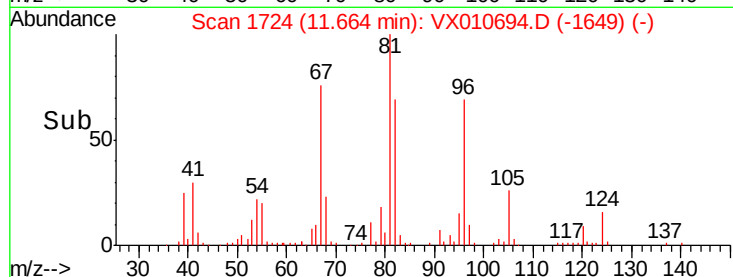
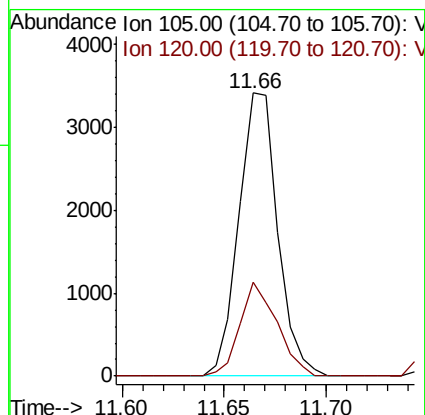
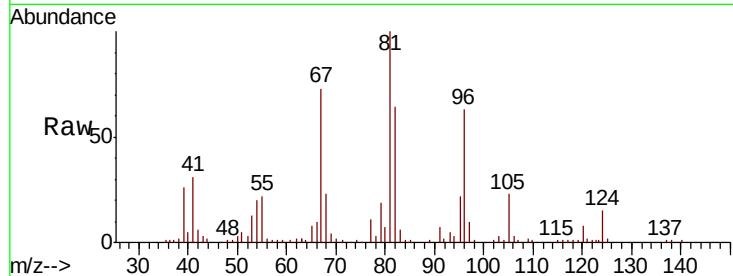




#80
 1,3,5-Trimethylbenzene
 Concen: 0.482 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. 0.16 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

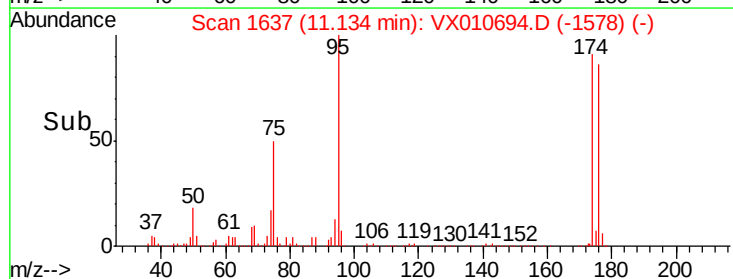
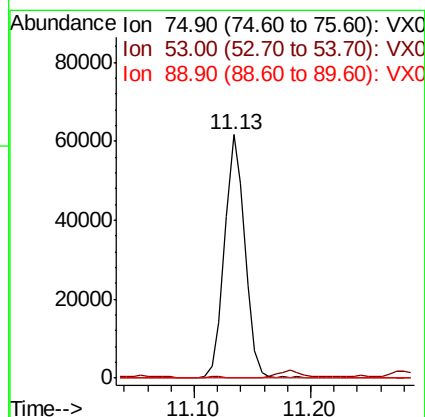
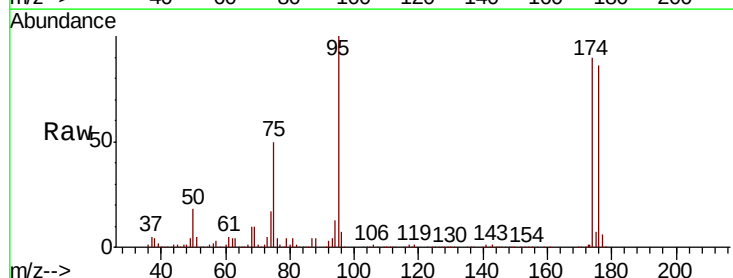
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

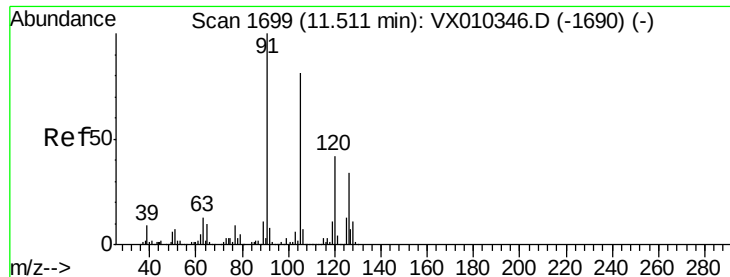
Tot Ion:105 Resp: 4521
 Ion Ratio Lower Upper
 105 100
 120 31.6 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.876 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion: 75 Resp: 74624
 Ion Ratio Lower Upper
 75 100
 53 0.5 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 6.440 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

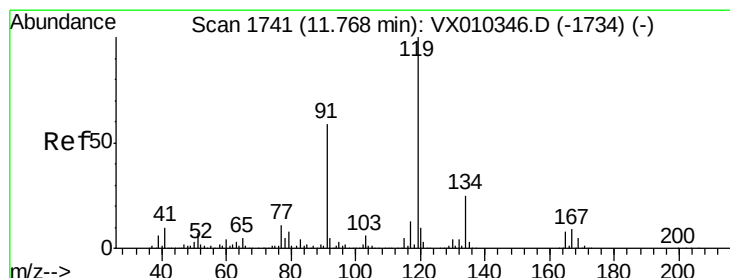
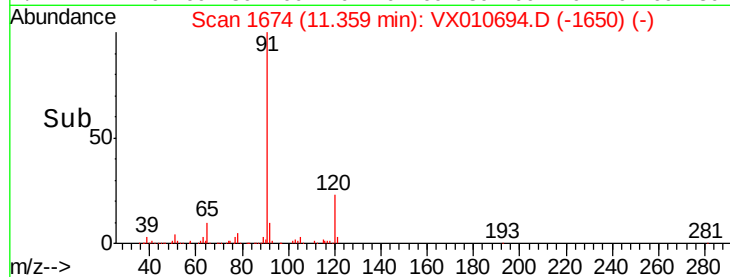
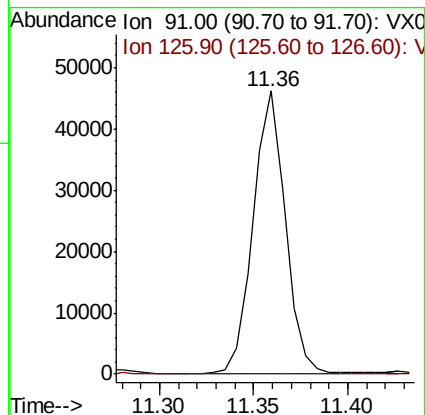
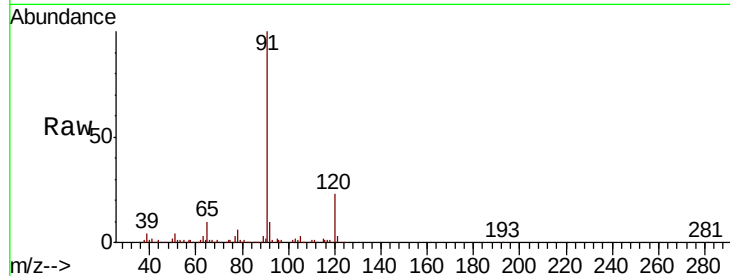
ST008MW037-190701

Tot Ion: 91 Resp: 54611

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 9.388 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

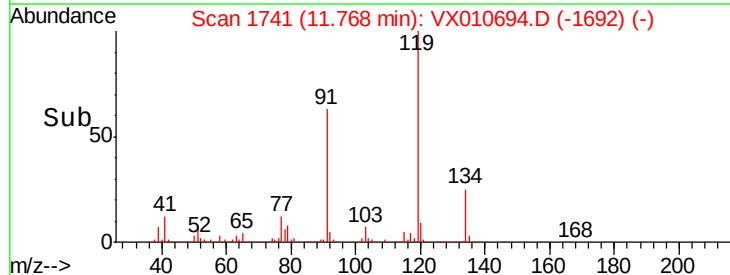
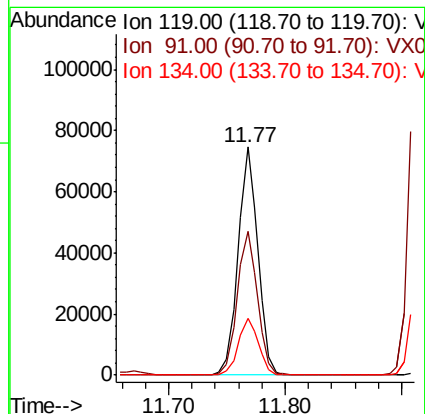
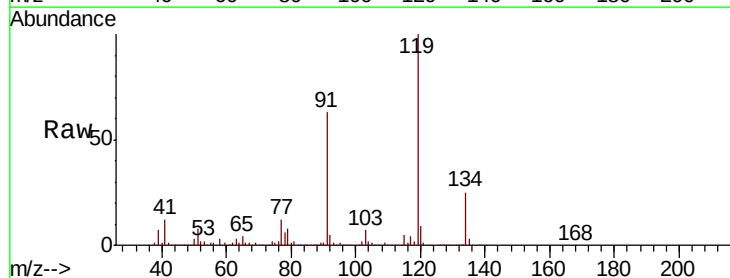
Tgt Ion: 119 Resp: 88444

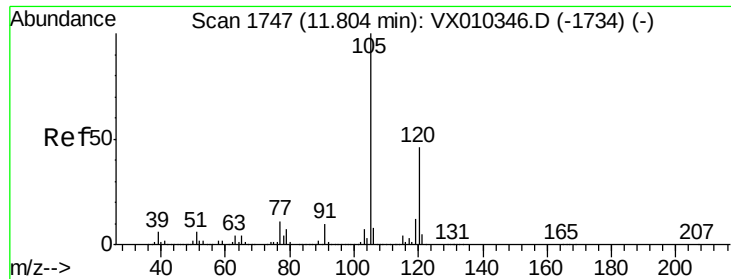
Ion Ratio Lower Upper

119 100

91 64.5 27.6 82.7

134 25.2 11.8 35.4

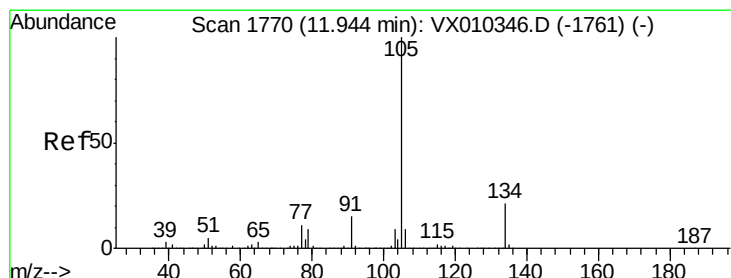
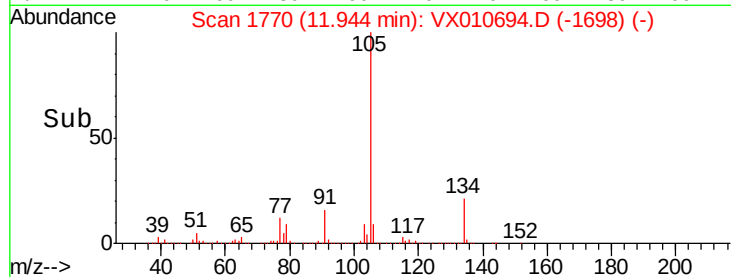
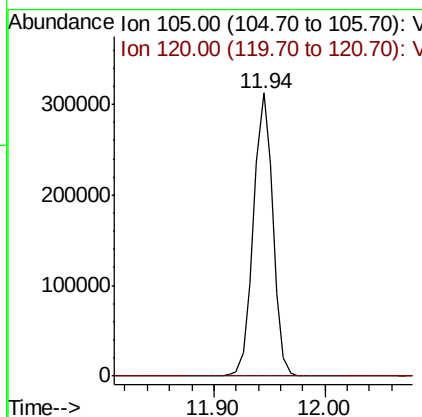
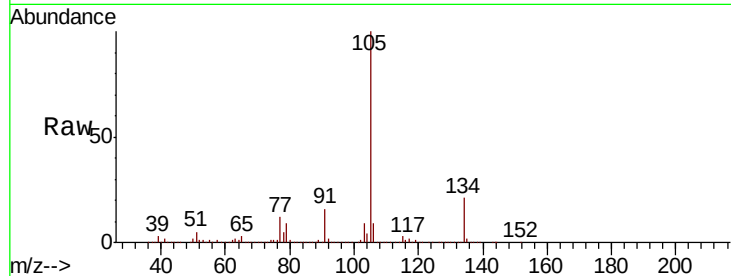




#84
 1,2,4-Trimethylbenzene
 Concen: 40.198 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.14 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

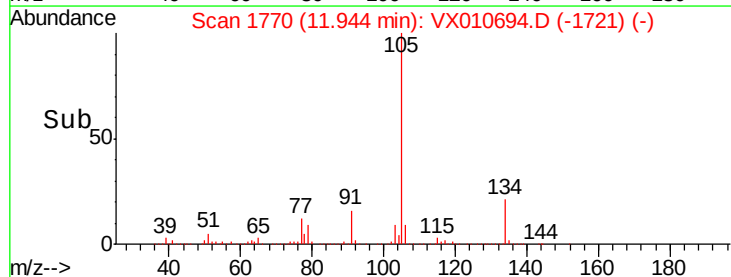
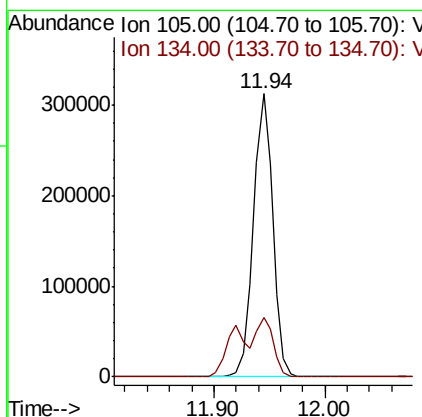
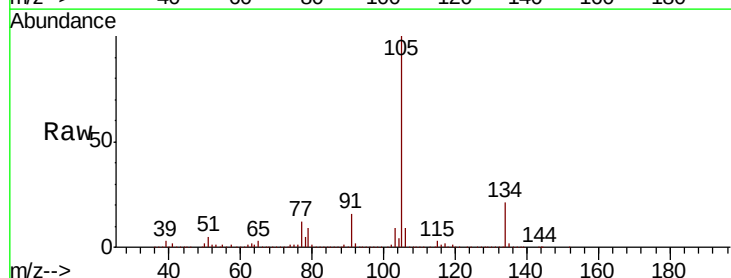
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

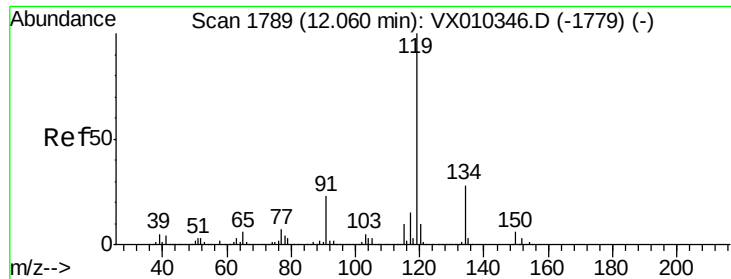
Tot Ion:105 Resp: 379096
 Ion Ratio Lower Upper
 105 100
 120 0.2 23.1 69.2#



#85
 sec-Butylbenzene
 Concen: 34.271 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion:105 Resp: 379096
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.7 31.9

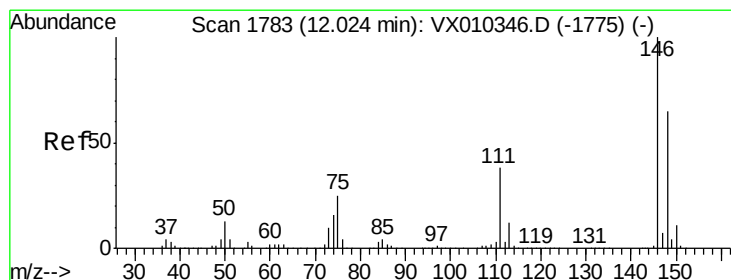
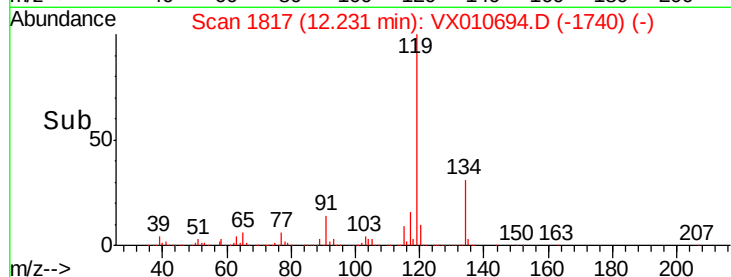
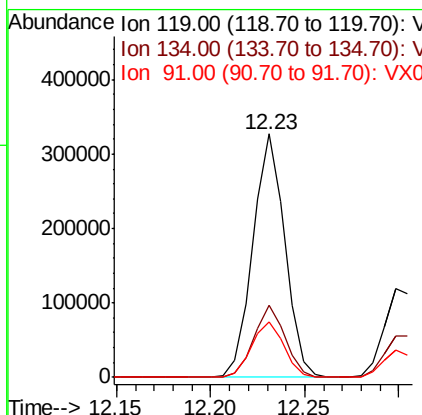
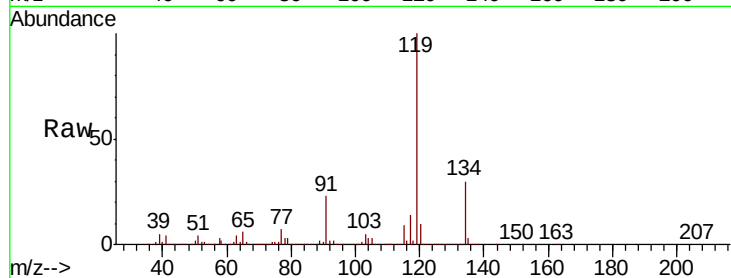




#86
 p-Isopropyltoluene
 Concen: 37.470 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

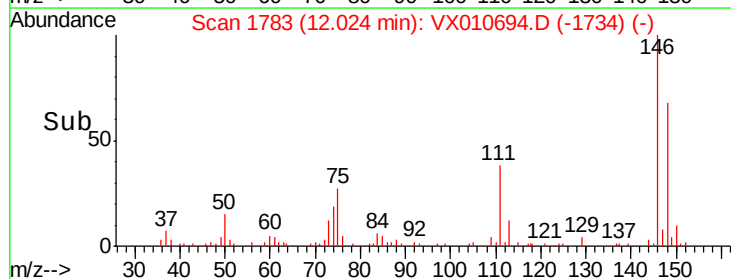
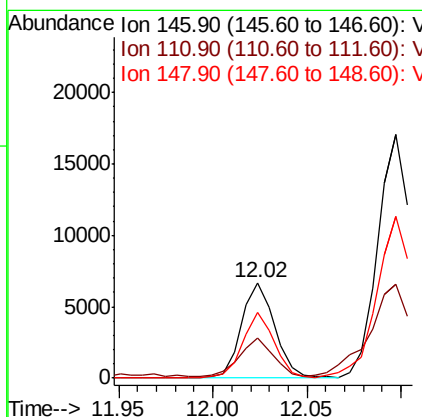
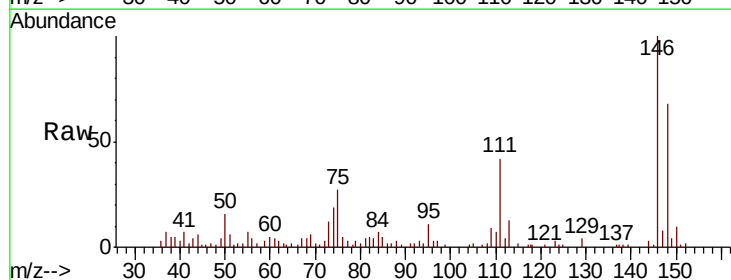
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

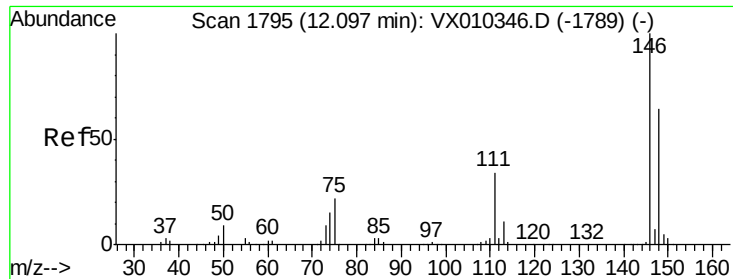
Tot Ion:119 Resp: 383388
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.7 41.1
 91 23.4 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 1.474 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion:146 Resp: 8179
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.1 57.1
 148 65.6 32.5 97.4

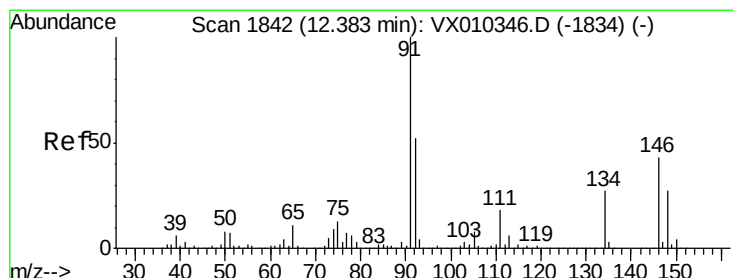
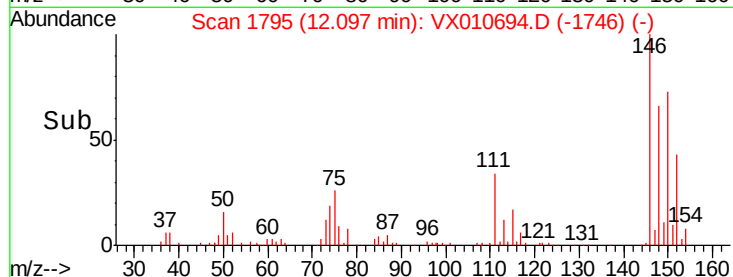
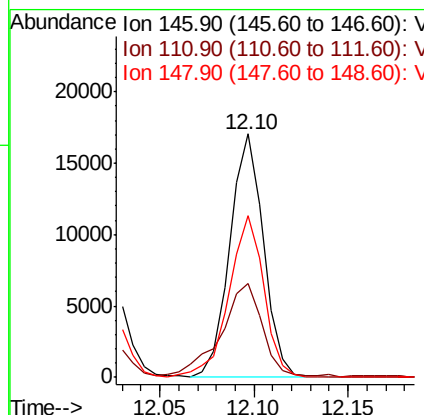
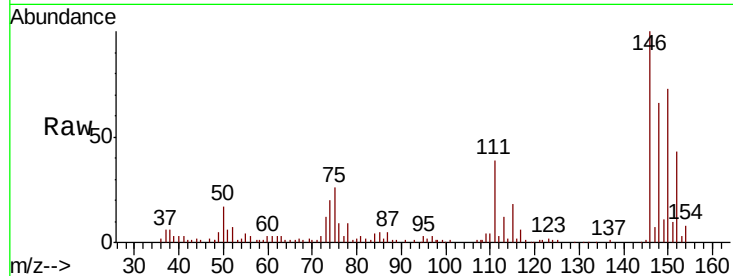




#88
 1,4-Dichlorobenzene
 Concen: 3.737 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

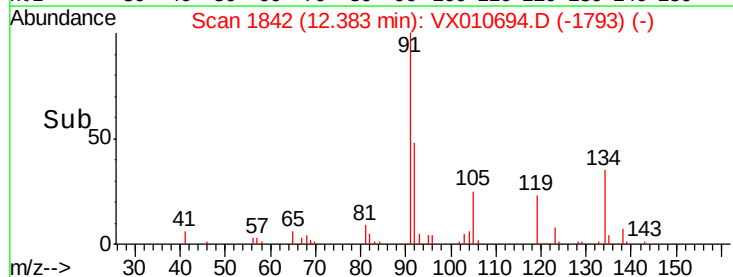
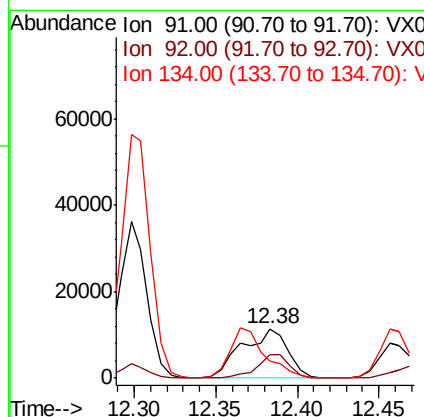
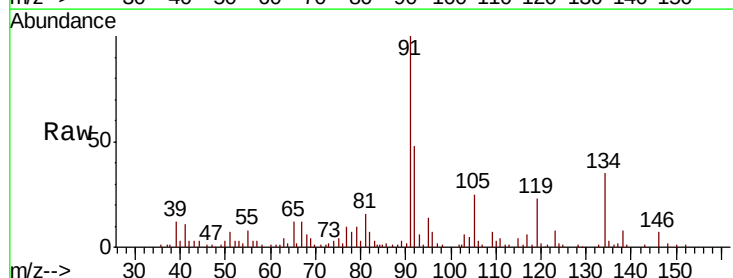
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

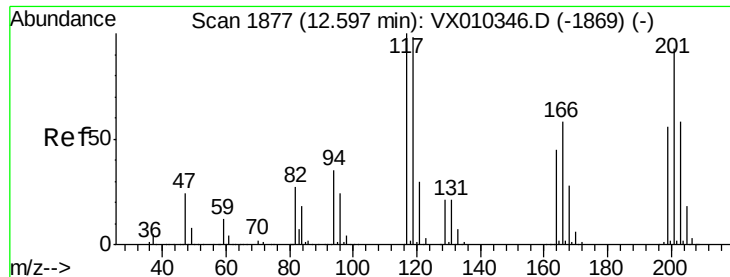
Tot Ion:146 Resp: 21115
 Ion Ratio Lower Upper
 146 100
 111 45.7 18.1 54.3
 148 69.0 32.1 96.3



#89
 n-Butylbenzene
 Concen: 2.505 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion: 91 Resp: 21776
 Ion Ratio Lower Upper
 91 100
 92 34.7 26.2 78.5
 134 80.7 14.1 42.4#





#90

Hexachloroethane

Concen: 71.988 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

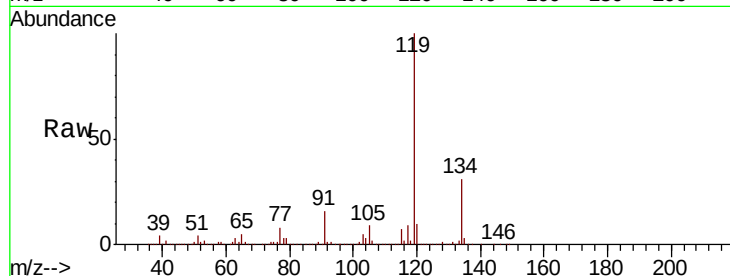
ST008MW037-190701

Tot Ion:117 Resp: 127362

Ion Ratio Lower Upper

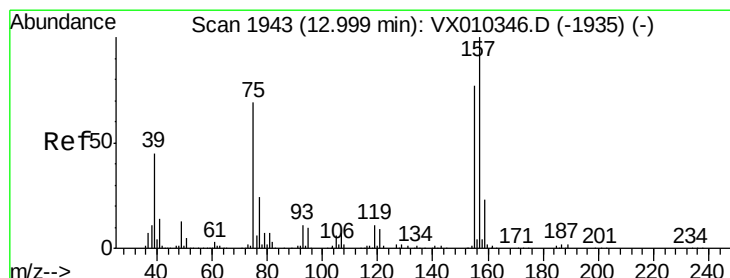
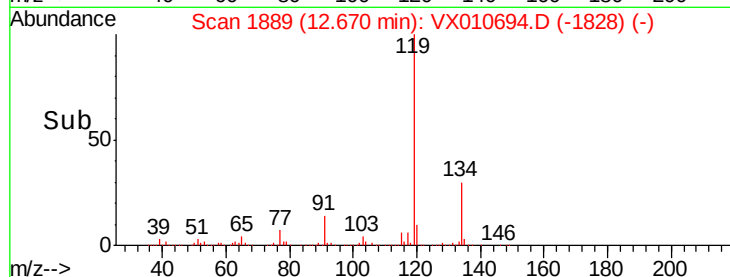
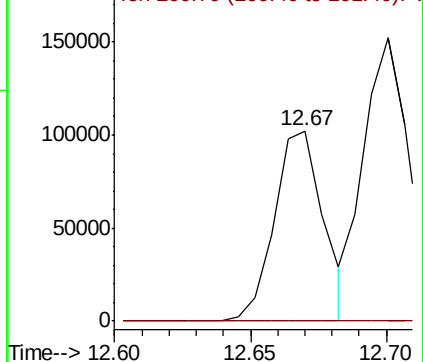
117 100

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: 7.154 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

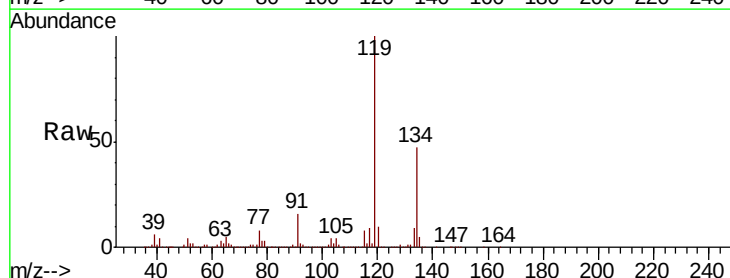
Tgt Ion: 75 Resp: 5816

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

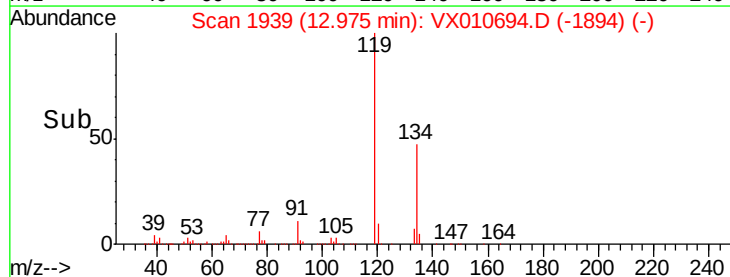
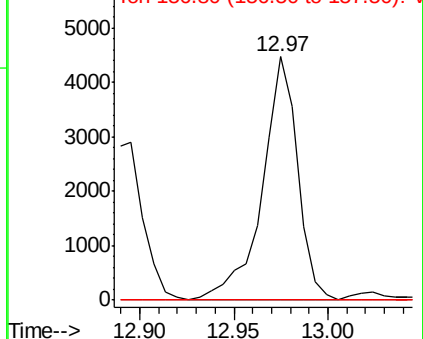
157 0.0 69.5 208.3#

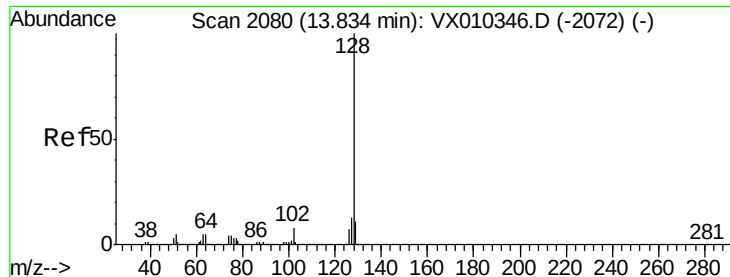


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.304 ug/l
RT: 13.80 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tot Ion	Ratio	Lower	Upper
128	100		
127	36.3	10.2	15.4#
129	85.0	8.9	13.3#

