

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010728.D
 Acq On : 09 Jul 2019 04:40
 Operator : JC/SP
 Sample : K3690-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW009-190703

Quant Time: Jul 09 07:25:38 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	221540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161892	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	113579	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	5.50	113	107181	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	417889	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	150821	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	822	0.458	ug/l #	71
4) Vinyl Chloride	1.41	62	587	0.299	ug/l #	54
5) Bromomethane	1.65	94	468	0.489	ug/l #	60
6) Chloroethane	1.91	64	744	0.642	ug/l #	52
11) Tert butyl alcohol	3.04	59	4283	7.880	ug/l #	94
13) Acrolein	2.30	56	155	0.430	ug/l	87
14) Allyl chloride	2.72	41	592	0.217	ug/l #	72
16) Acetone	2.44	43	56125	53.914	ug/l	96
25) 2-Butanone	4.68	43	1287	0.843	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	657	0.275	ug/l	46
31) Cyclohexane	5.57	56	2360	0.787	ug/l #	83
36) 1,1-Dichloropropene	5.66	75	14552	5.215	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20330	6.728	ug/l #	14
39) Methylcyclohexane	7.46	83	2790	0.761	ug/l	94
40) Benzene	6.15	78	35360	4.067	ug/l	97
49) 1,4-Dioxane	7.56	88	91	1.431	ug/l #	1
52) Toluene	8.79	92	1885	0.329	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	1405	0.595	ug/l #	20
59) 2-Hexanone	9.52	43	495	0.207	ug/l	94
65) Chlorobenzene	10.14	112	2263715	341.581	ug/l	97
69) o-Xylene	10.69	106	2071	0.486	ug/l	97
73) Isopropylbenzene	11.02	105	60772	5.538	ug/l	96
74) N-amyl acetate	10.88	43	913	0.220	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	11.27	83	3214	0.884	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	73839	25.029	ug/l #	33
78) n-propylbenzene	11.36	91	43650	3.619	ug/l	96
79) 2-Chlorotoluene	11.42	91	1940	0.270	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	73839	58.391	ug/l #	16
82) 4-Chlorotoluene	11.42	91	1940	0.237	ug/l	81
83) tert-Butylbenzene	11.77	119	62429	6.875	ug/l	94
84) 1,2,4-Trimethylbenzene	11.66	105	12568	1.383	ug/l	80
85) sec-Butylbenzene	11.94	105	77768	7.294	ug/l	95
86) p-Isopropyltoluene	12.23	119	254181	25.775	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	2198	0.411	ug/l #	78

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Response via : Initial Calibration

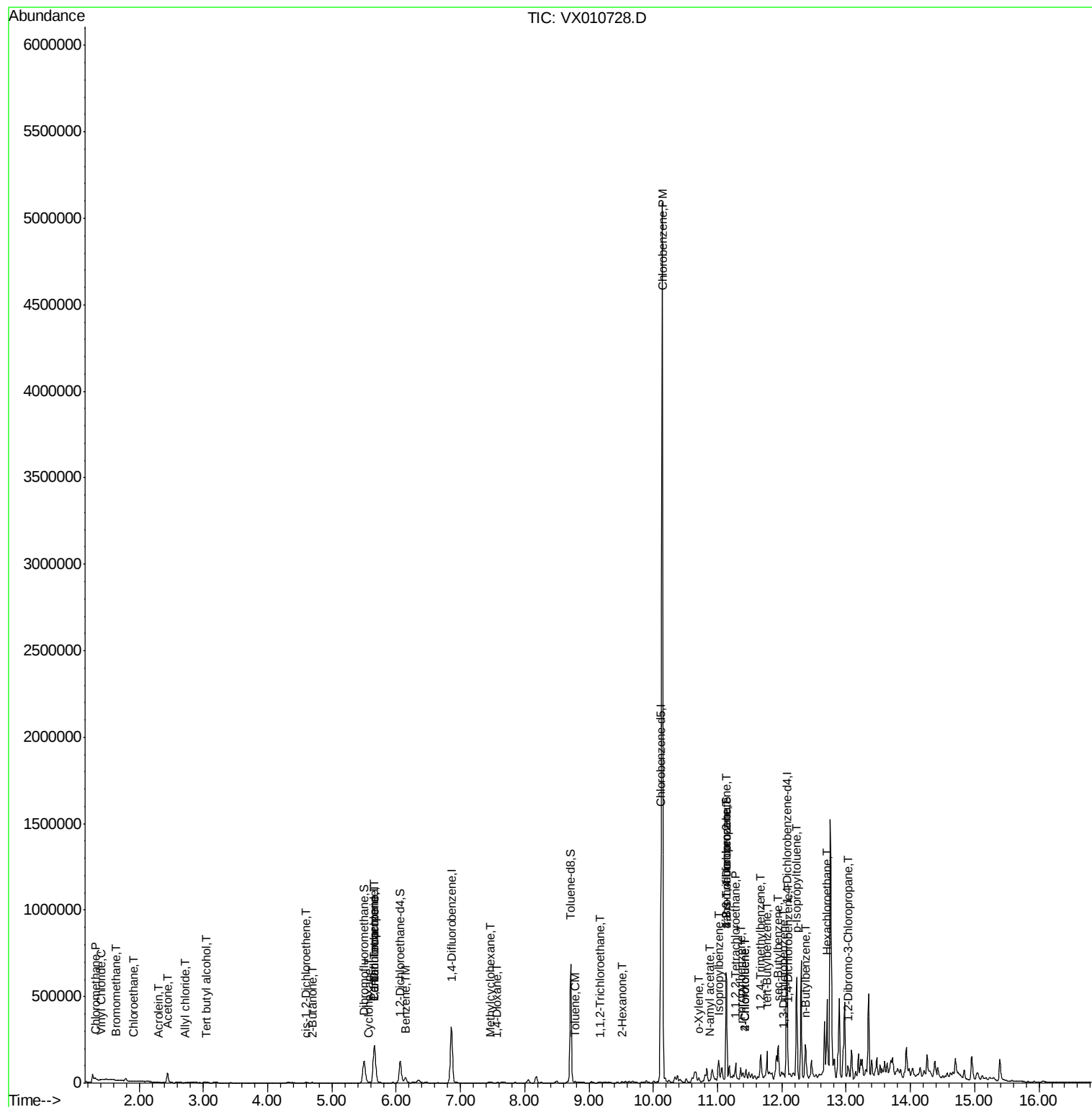
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	3906	0.717	ug/l #	42
89) n-Butylbenzene	12.38	91	12205	1.456	ug/l #	68
90) Hexachloroethane	12.70	117	158043	92.683	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	346	0.442	ug/l #	1

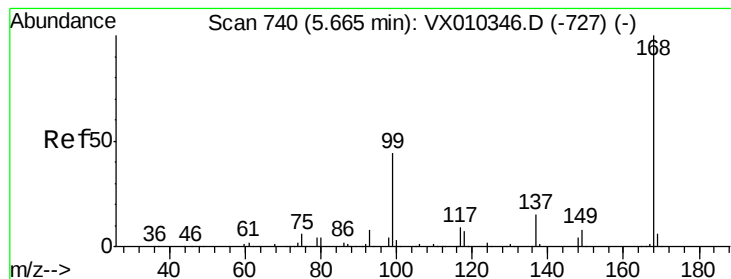
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

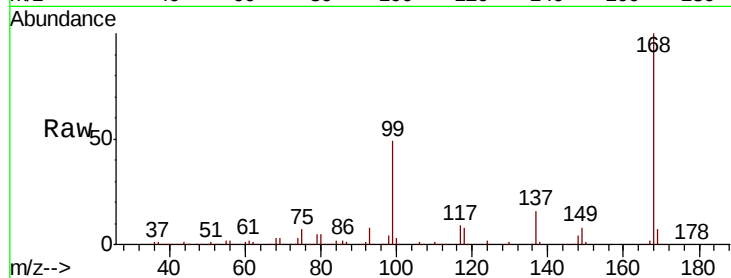
SS038MW009-190703

Tot Ion:168 Resp: 221540

Ion Ratio Lower Upper

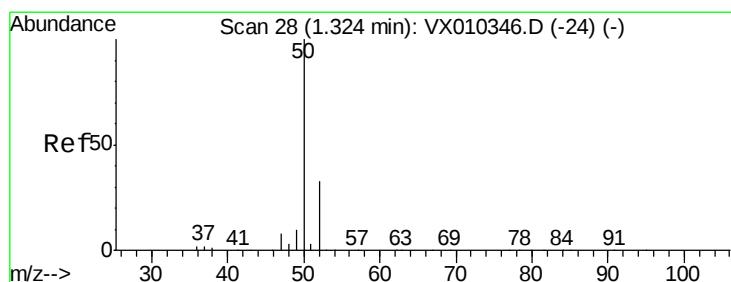
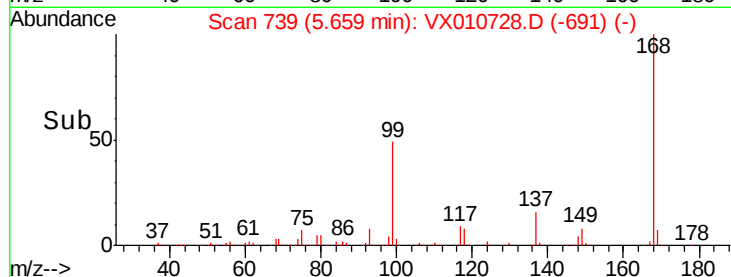
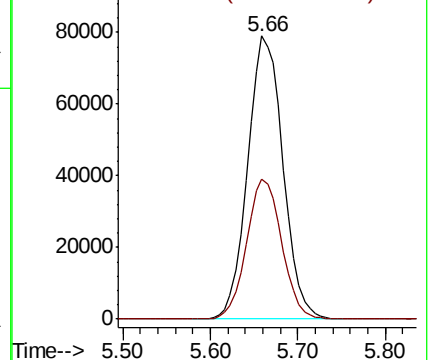
168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.458 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010728.D

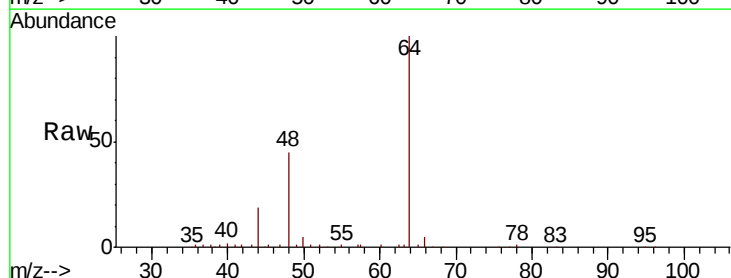
Acq: 09 Jul 2019 04:40

Tgt Ion: 50 Resp: 822

Ion Ratio Lower Upper

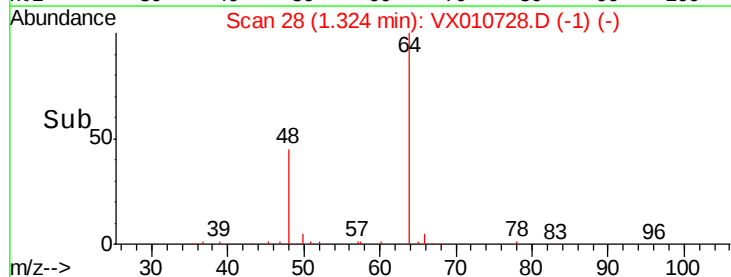
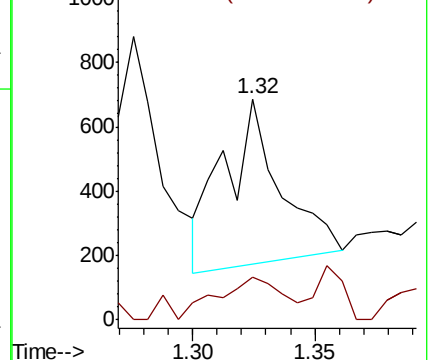
50 100

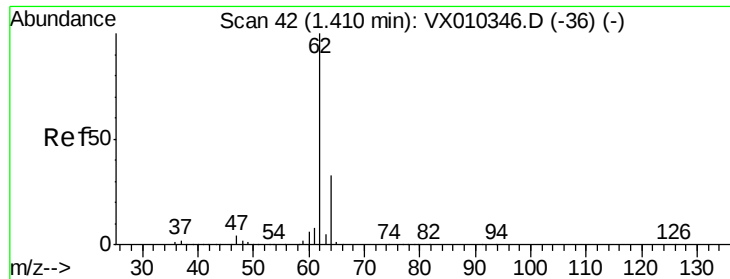
52 16.5 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.299 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

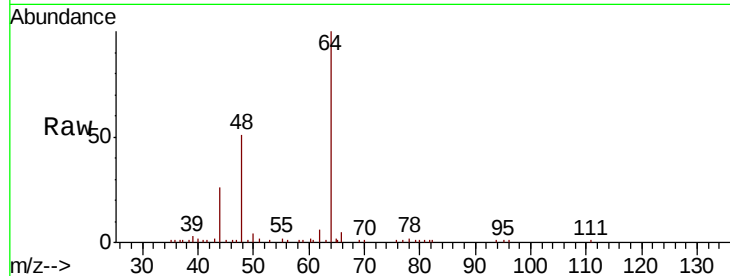
SS038MW009-190703

Tot Ion: 62 Resp: 587

Ion Ratio Lower Upper

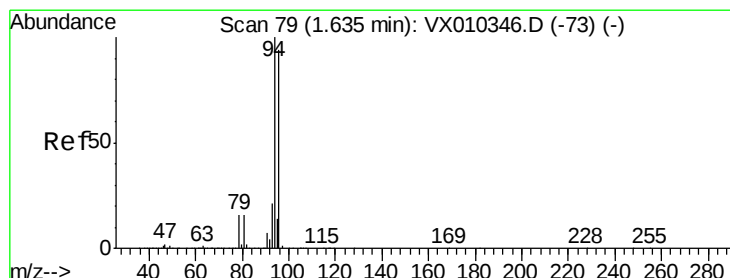
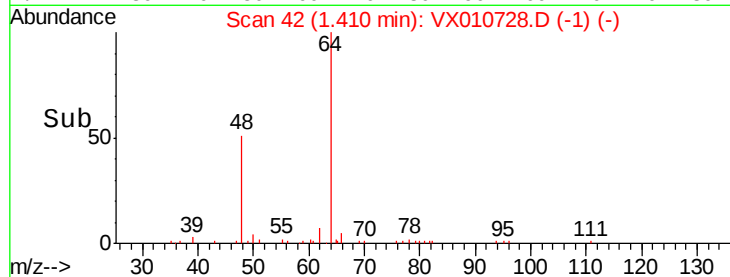
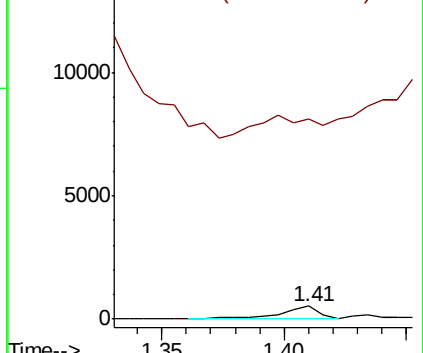
62 100

64 58.9 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.489 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010728.D

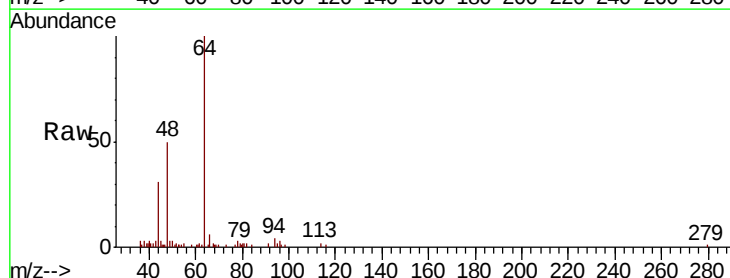
Acq: 09 Jul 2019 04:40

Tgt Ion: 94 Resp: 468

Ion Ratio Lower Upper

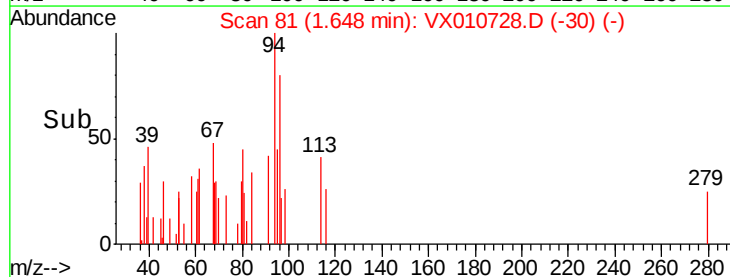
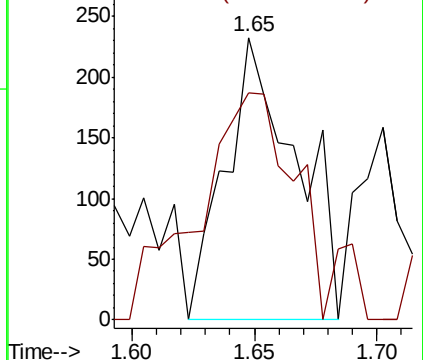
94 100

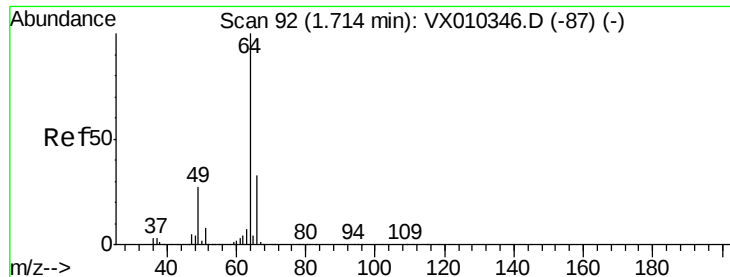
96 55.4 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.642 ug/l

RT: 1.91 min Scan# 124

Delta R.T. 0.20 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

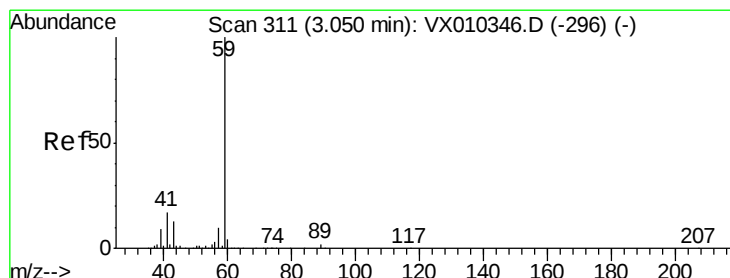
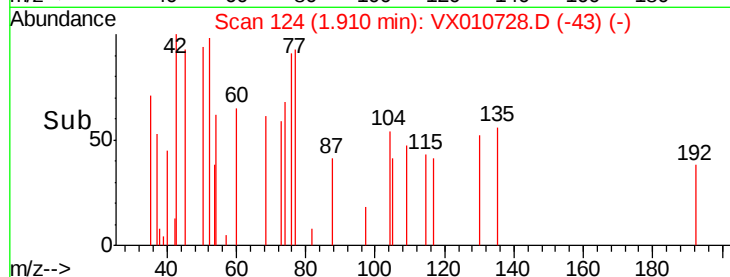
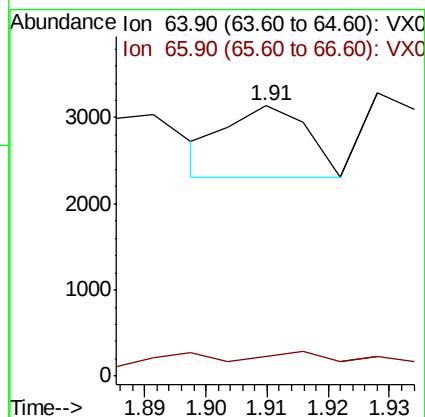
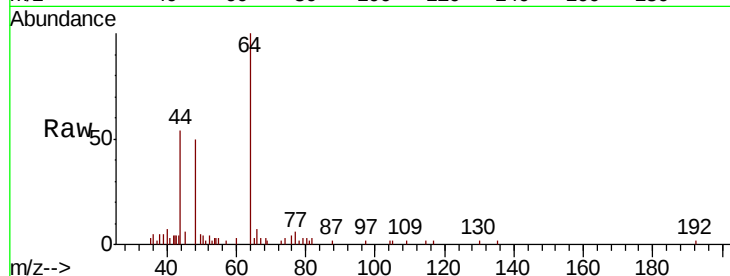
SS038MW009-190703

Tot Ion: 64 Resp: 744

Ion Ratio Lower Upper

64 100

66 6.3 26.6 40.0#



#11

Tert butyl alcohol

Concen: 7.880 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010728.D

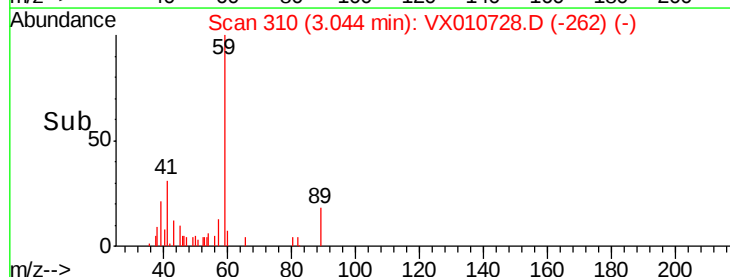
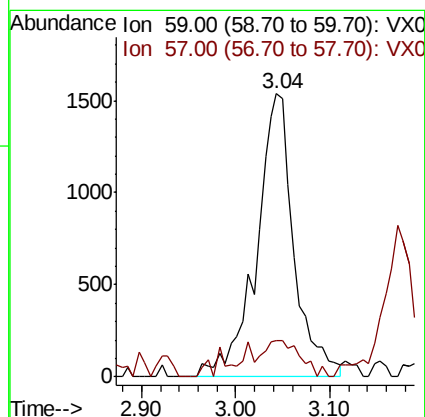
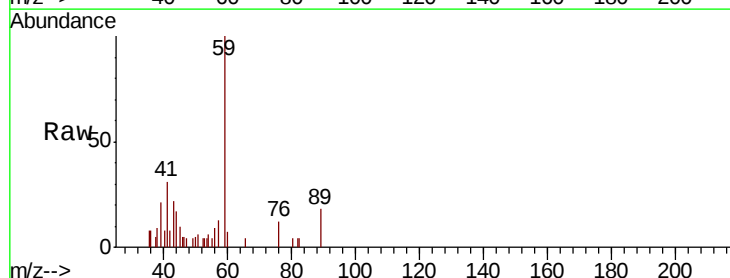
Acq: 09 Jul 2019 04:40

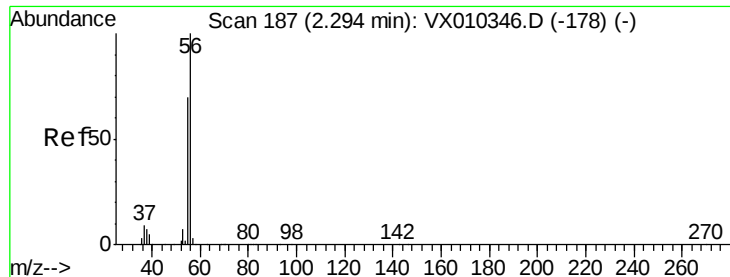
Tgt Ion: 59 Resp: 4283

Ion Ratio Lower Upper

59 100

57 11.9 7.7 11.5#





#13

Acrolein

Concen: 0.430 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

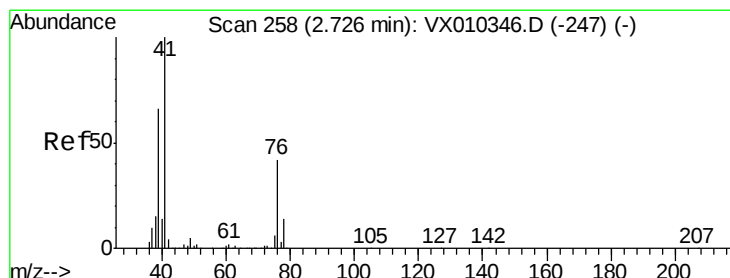
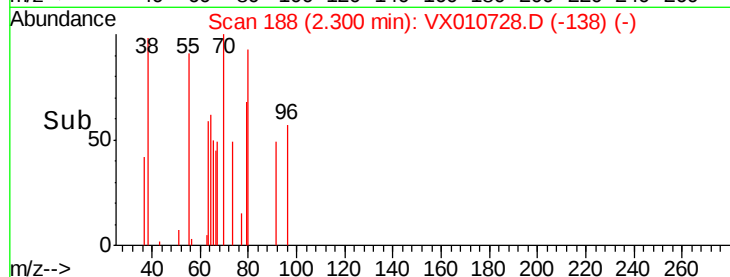
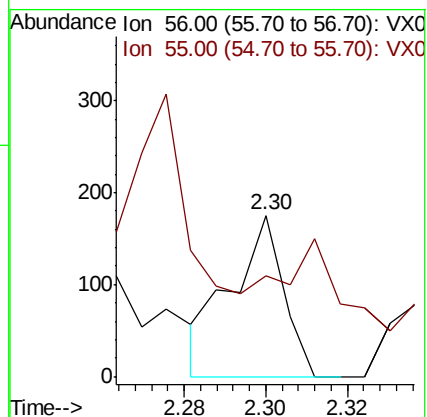
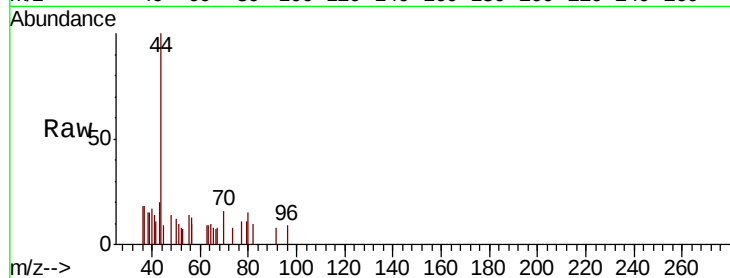
SS038MW009-190703

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 81.9 56.9 85.3



#14

Allyl chloride

Concen: 0.217 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

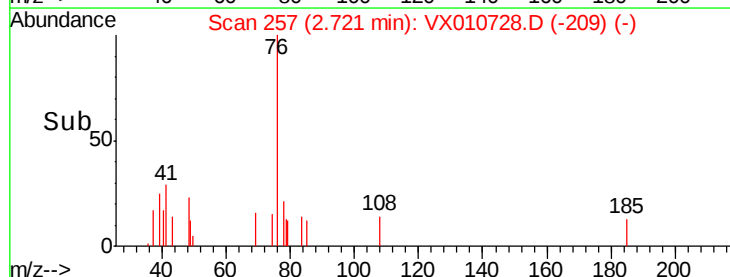
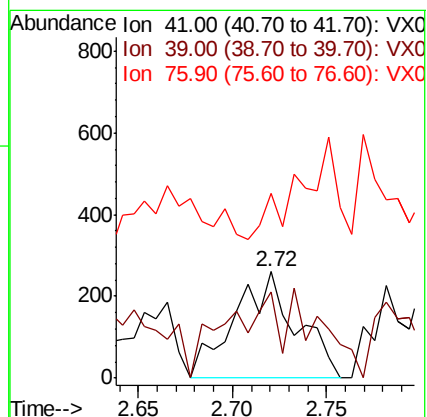
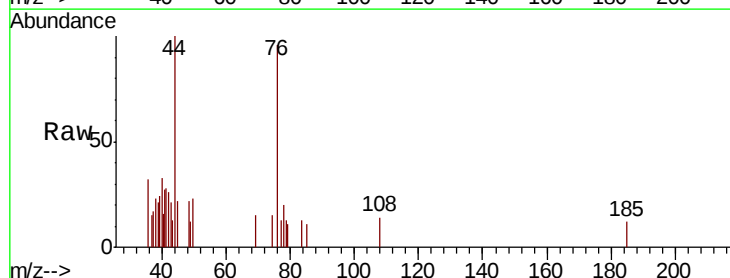
Tgt Ion: 41 Resp: 592

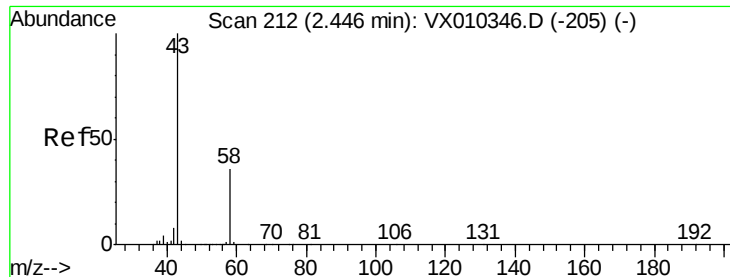
Ion Ratio Lower Upper

41 100

39 67.4 50.3 75.5

76 0.0 31.3 46.9#





#16

Acetone

Concen: 53.914 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

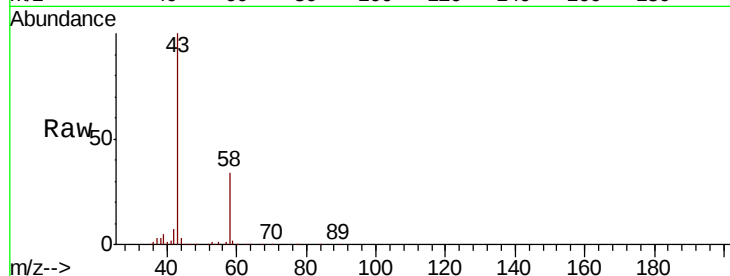
SS038MW009-190703

Tot Ion: 43 Resp: 56125

Ion Ratio Lower Upper

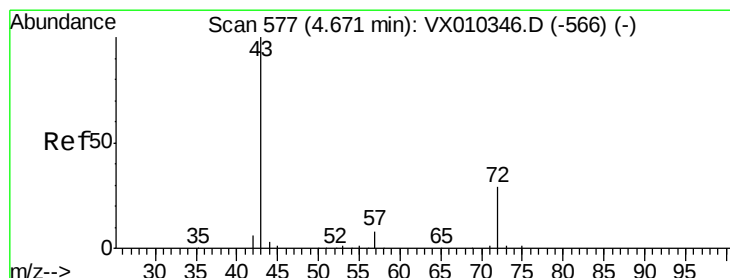
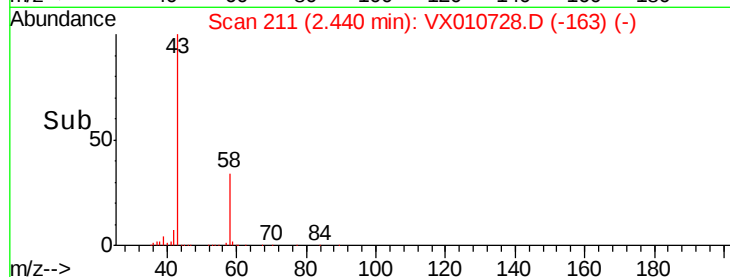
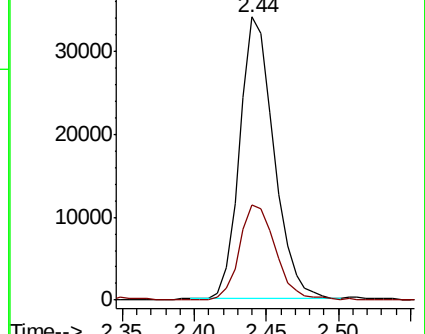
43 100

58 33.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 0.843 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010728.D

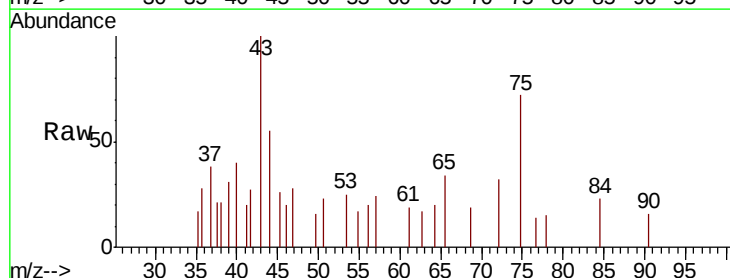
Acq: 09 Jul 2019 04:40

Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

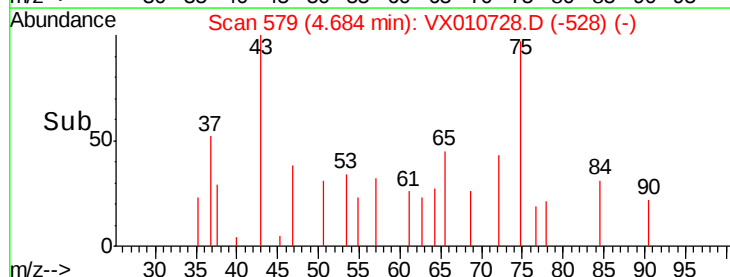
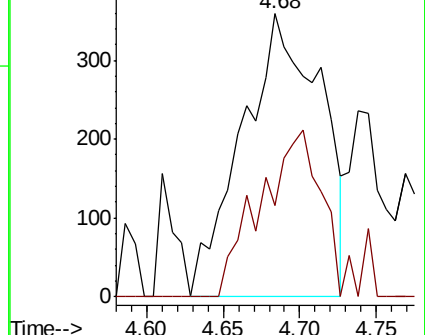
43 100

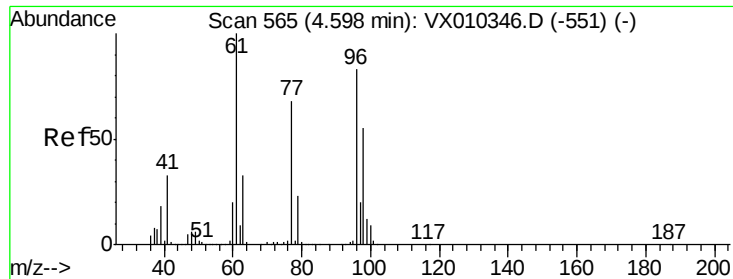
72 32.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



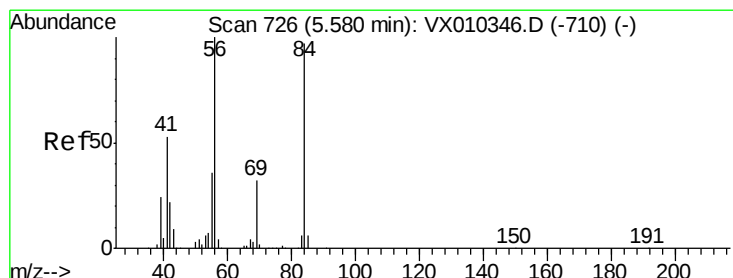
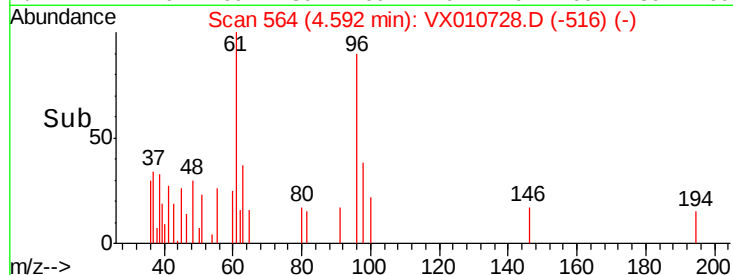
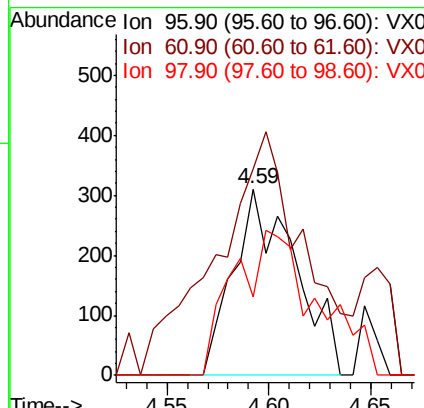
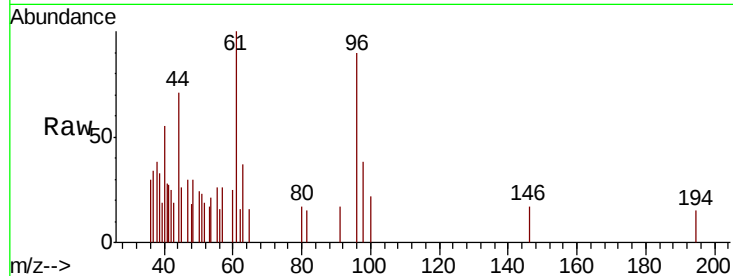


#27

cis-1,2-Dichloroethene
 Concen: 0.275 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010728.D
 Acq: 09 Jul 2019 04:40

Instrument :
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 SS038MW009-190703

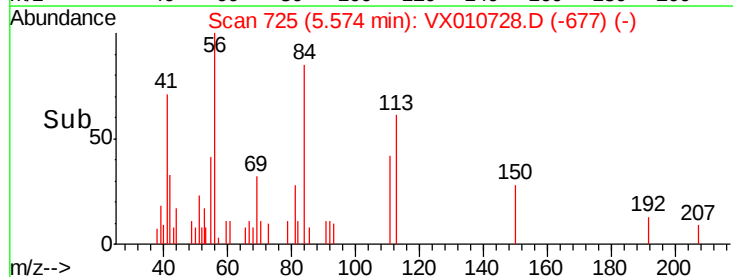
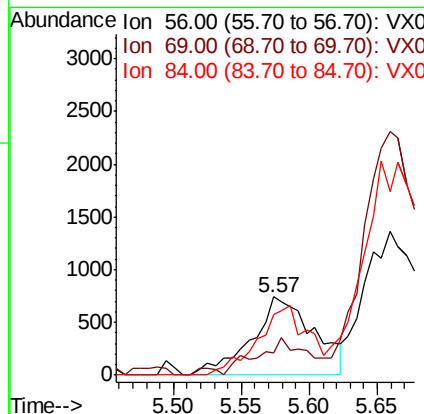
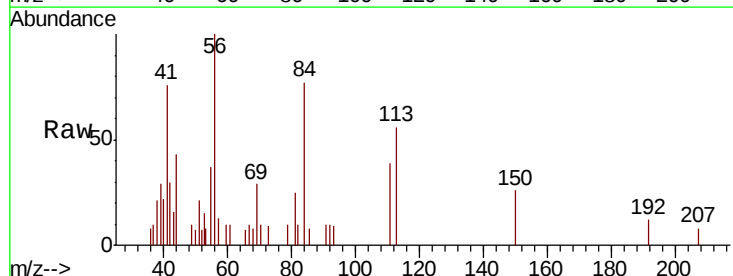
Tot Ion: 96 Resp: 657
 Ion Ratio Lower Upper
 96 100
 61 189.5 0.0 251.8
 98 104.7 0.0 129.4

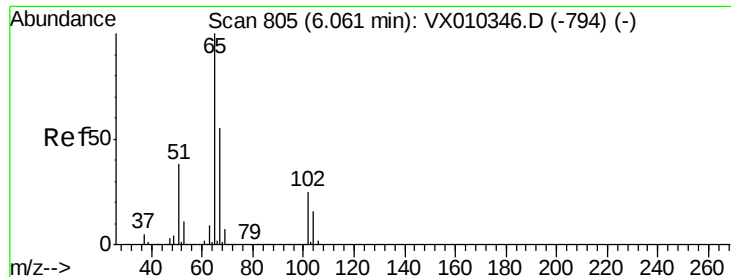


#31

Cyclohexane
 Concen: 0.787 ug/l
 RT: 5.57 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: VX010728.D
 Acq: 09 Jul 2019 04:40

Tgt Ion: 56 Resp: 2360
 Ion Ratio Lower Upper
 56 100
 69 29.2 25.9 38.9
 84 77.4 78.0 117.0#





#33

1,2-Dichloroethane-d4

Concen: 54.680 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

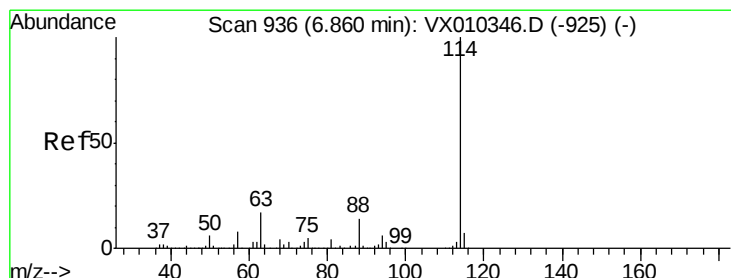
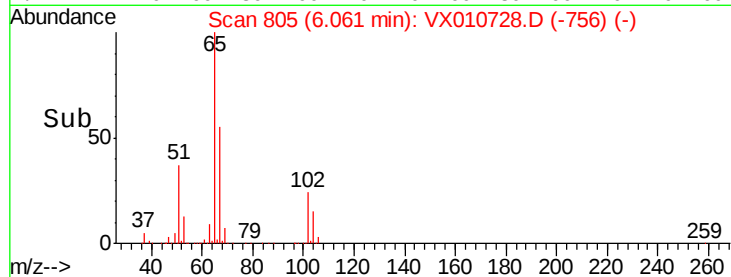
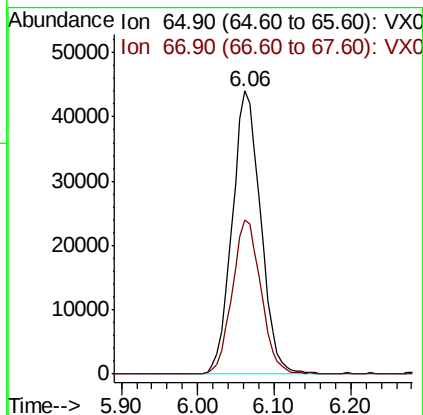
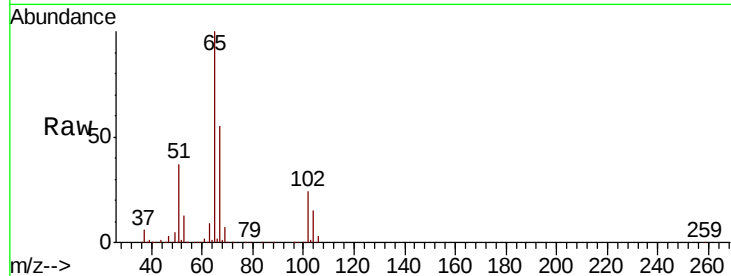
SS038MW009-190703

Tot Ion: 65 Resp: 113579

Ion Ratio Lower Upper

65 100

67 54.9 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: VX010728.D

Acq: 09 Jul 2019 04:40

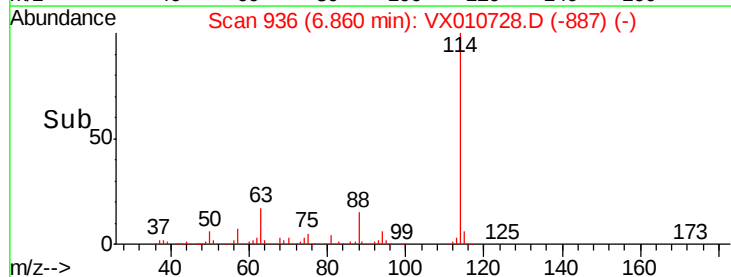
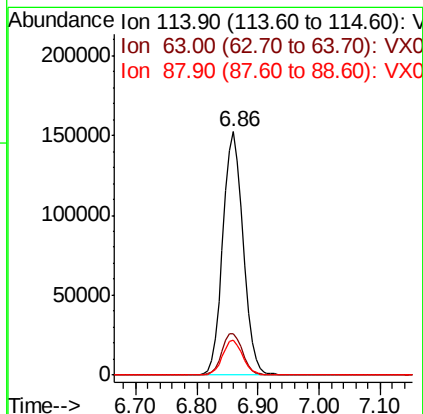
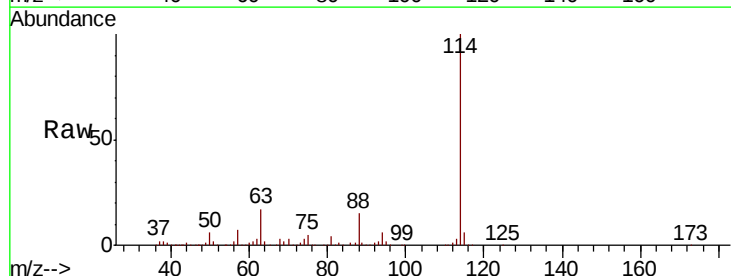
Tgt Ion: 114 Resp: 351158

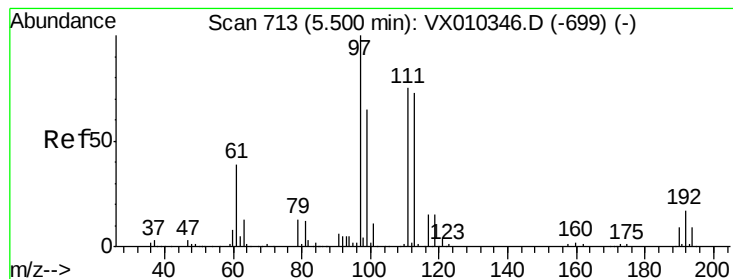
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.886 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

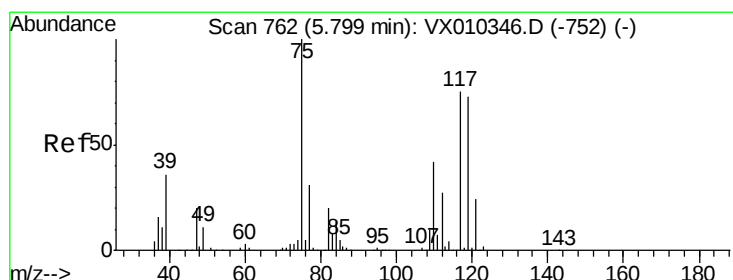
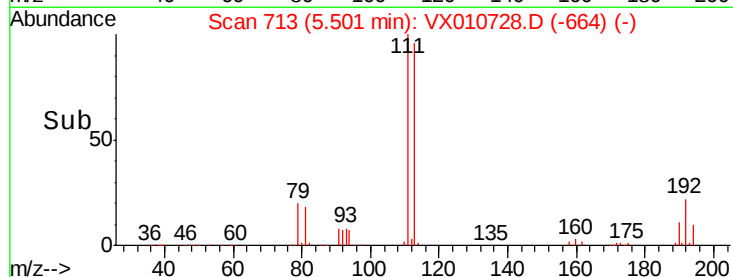
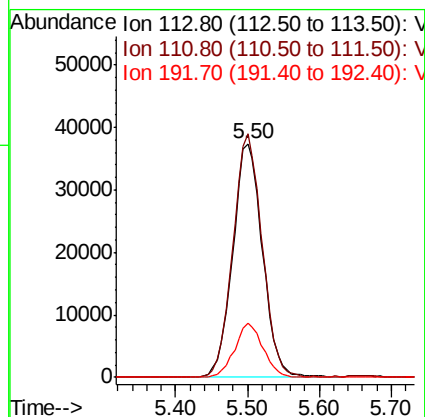
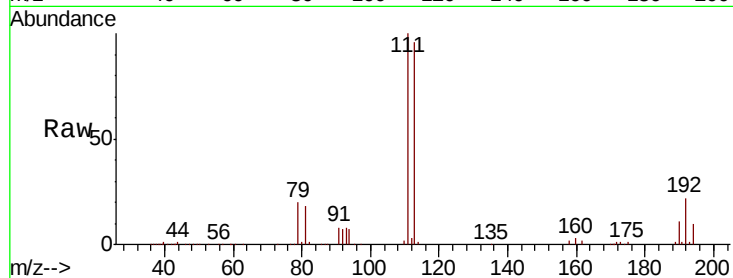
Tot Ion:113 Resp: 107181

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 22.2 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.215 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

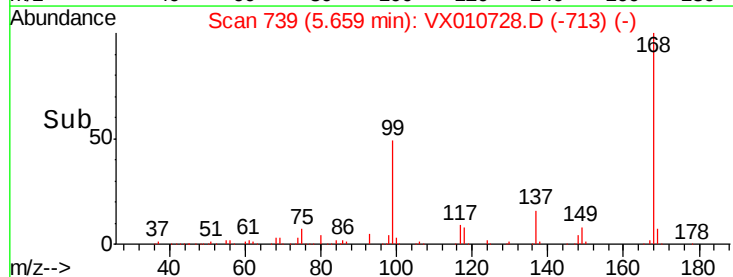
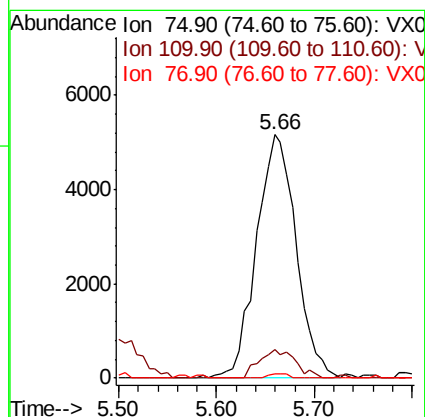
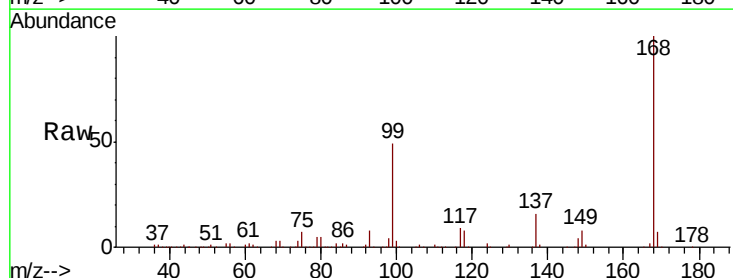
Tgt Ion: 75 Resp: 14552

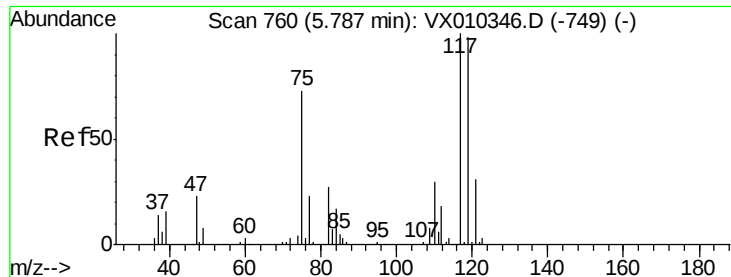
Ion Ratio Lower Upper

75 100

110 10.7 20.8 62.2#

77 0.8 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.728 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

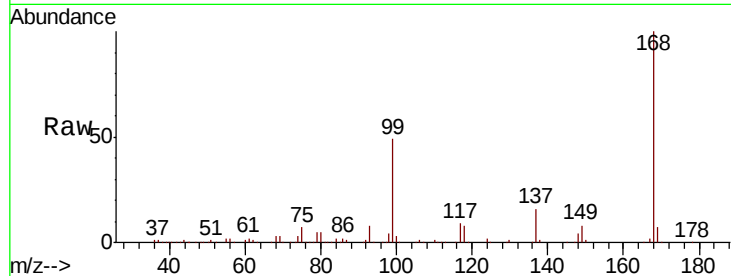
Tot Ion:117 Resp: 20330

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.4#

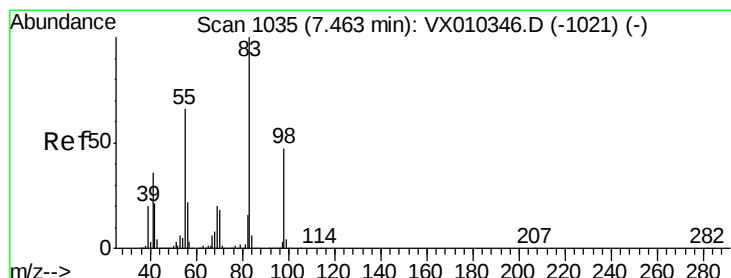
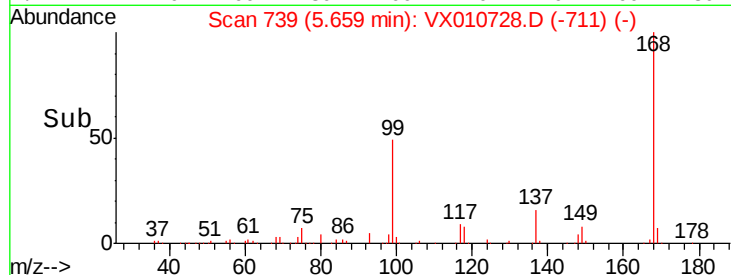
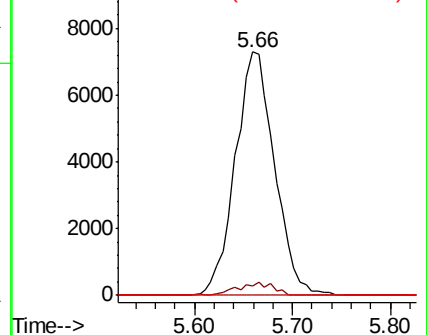
121 0.0 24.7 37.1#



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: 0.761 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

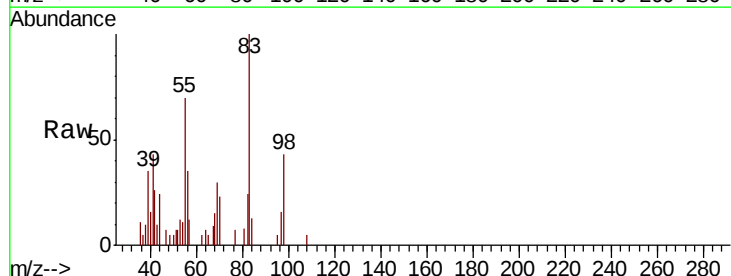
Tgt Ion: 83 Resp: 2790

Ion Ratio Lower Upper

83 100

55 70.3 53.0 79.6

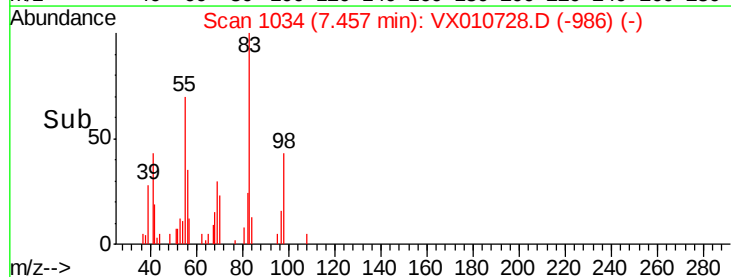
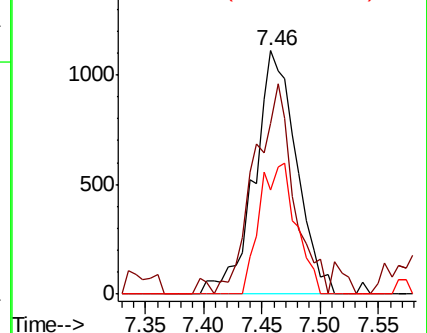
98 42.9 37.8 56.8

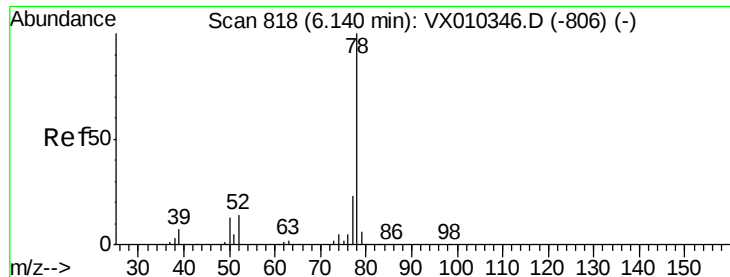


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 4.067 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

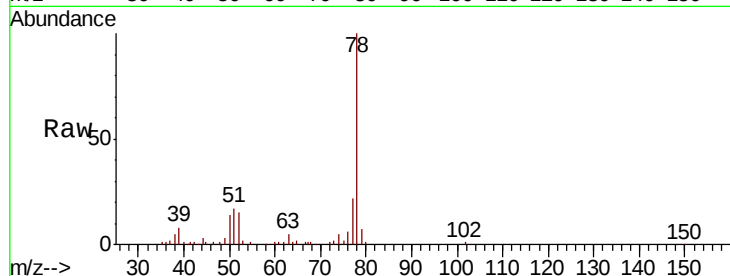
SS038MW009-190703

Tot Ion: 78 Resp: 35360

Ion Ratio Lower Upper

78 100

77 21.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

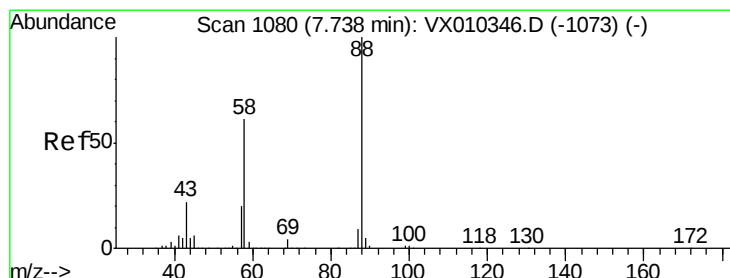
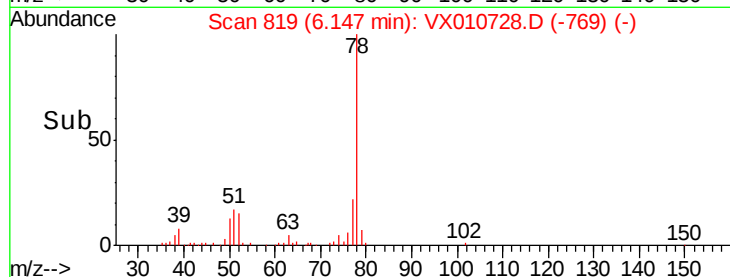
15000

10000

5000

0

Time-->



#49

1,4-Dioxane

Concen: 1.431 ug/l

RT: 7.56 min Scan# 1050

Delta R.T. -0.18 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

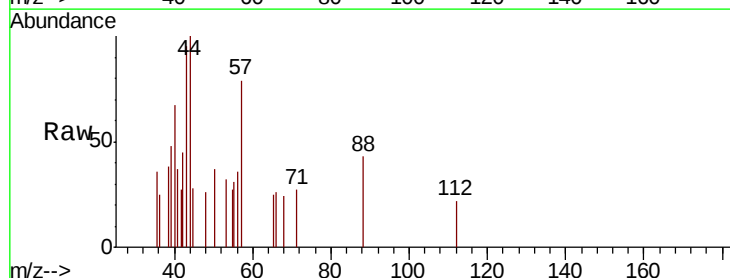
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 1214.3 20.2 30.2#

58 0.0 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600

500

400

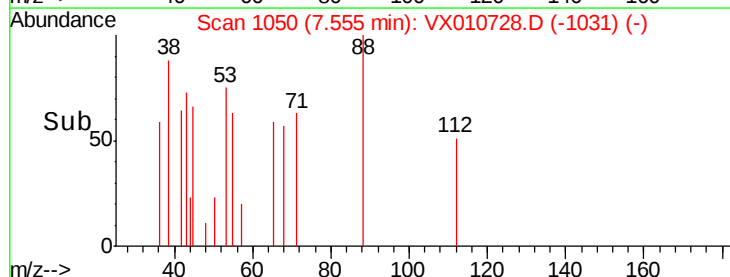
300

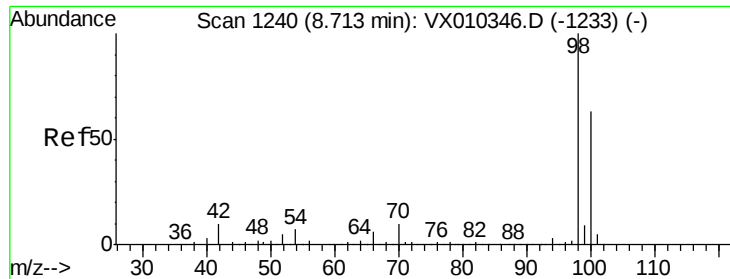
200

100

0

Time-->





#50

Toluene-d8

Concen: 50.839 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

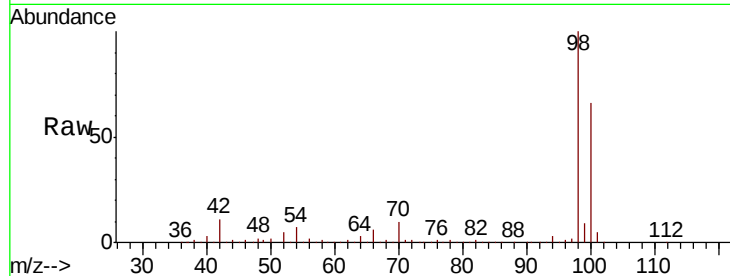
SS038MW009-190703

Tot Ion: 98 Resp: 417889

Ion Ratio Lower Upper

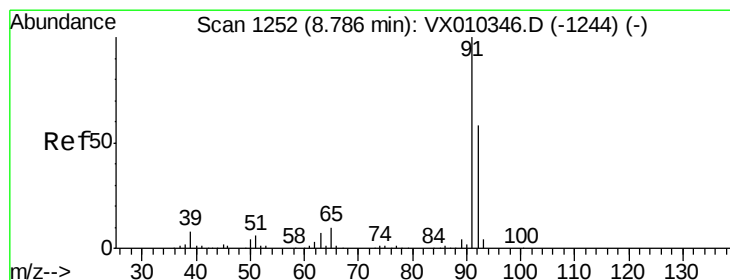
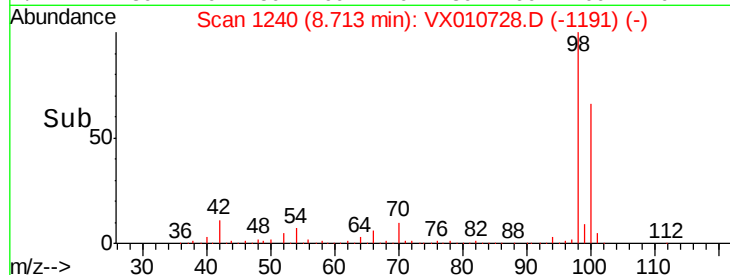
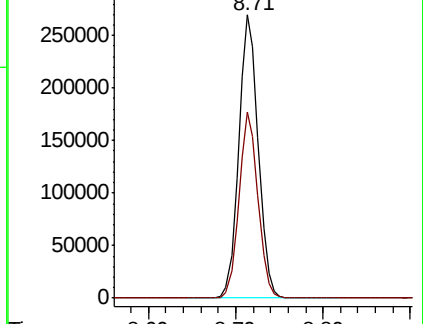
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.329 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010728.D

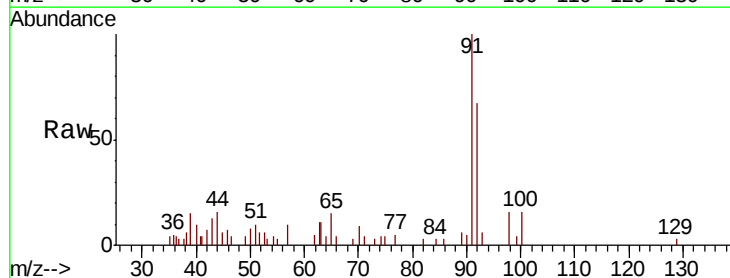
Acq: 09 Jul 2019 04:40

Tgt Ion: 92 Resp: 1885

Ion Ratio Lower Upper

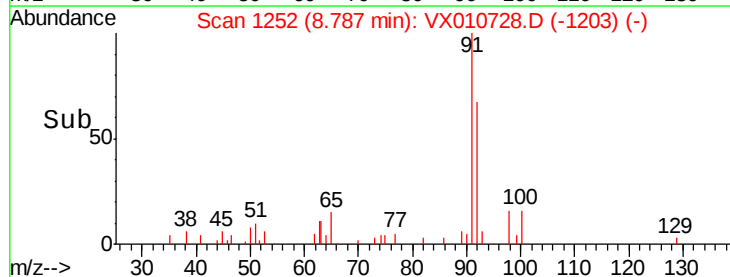
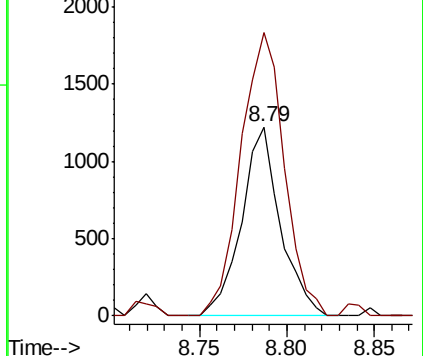
92 100

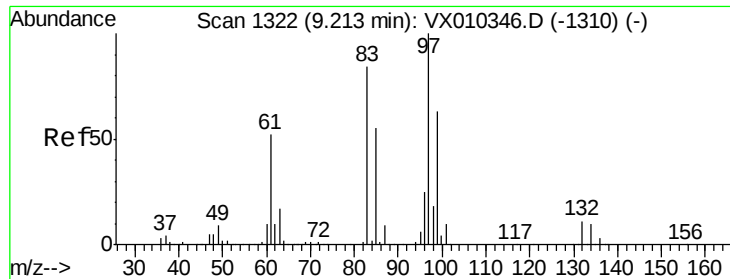
91 167.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

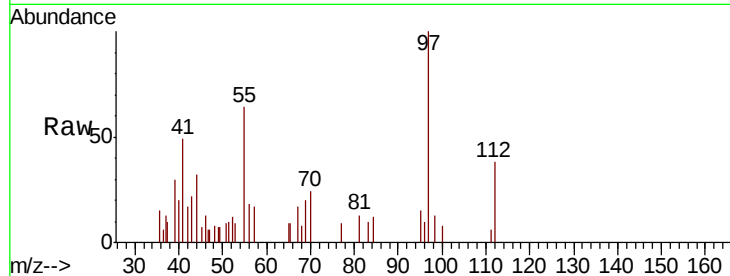




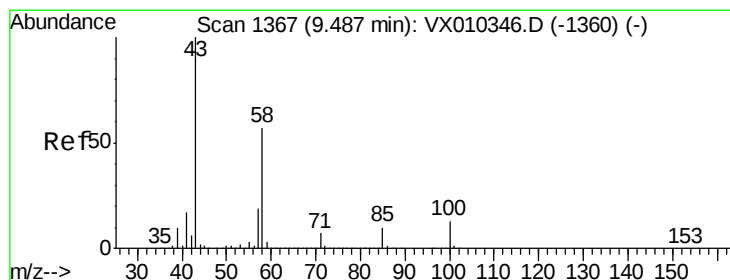
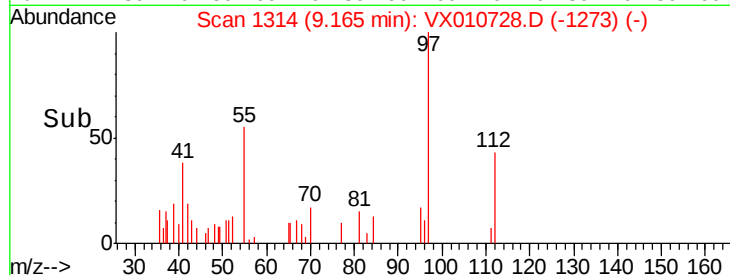
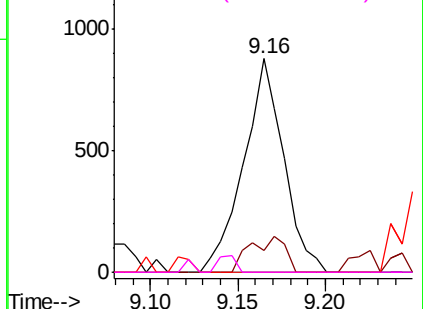
#55
 1,1,2-Trichloroethane
 Concen: 0.595 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010728.D
 Acq: 09 Jul 2019 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW009-190703

Tot Ion: 97 Resp: 1405
 Ion Ratio Lower Upper
 97 100
 83 10.3 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#

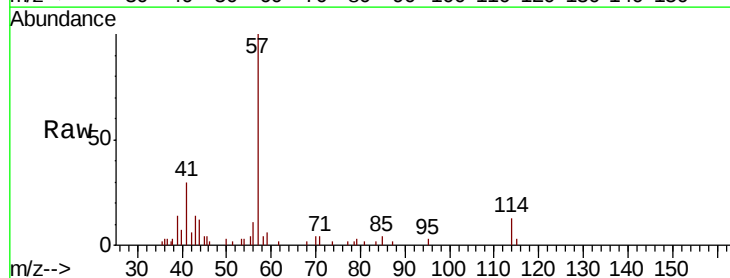


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

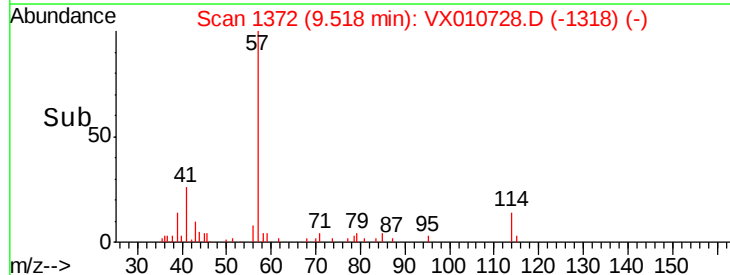
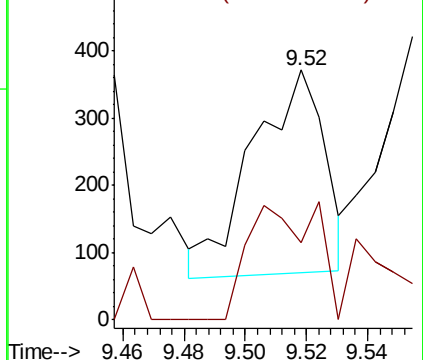


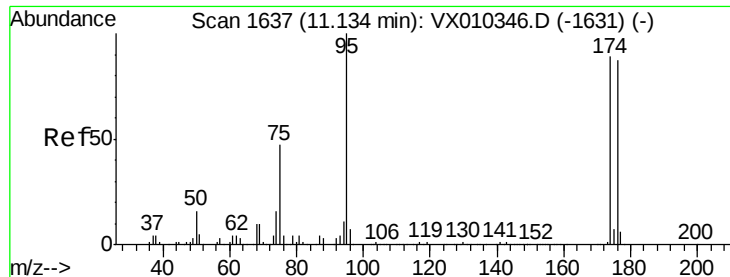
#59
 2-Hexanone
 Concen: 0.207 ug/l
 RT: 9.52 min Scan# 1372
 Delta R.T. 0.03 min
 Lab File: VX010728.D
 Acq: 09 Jul 2019 04:40

Tgt Ion: 43 Resp: 495
 Ion Ratio Lower Upper
 43 100
 58 53.3 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: 50.823 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

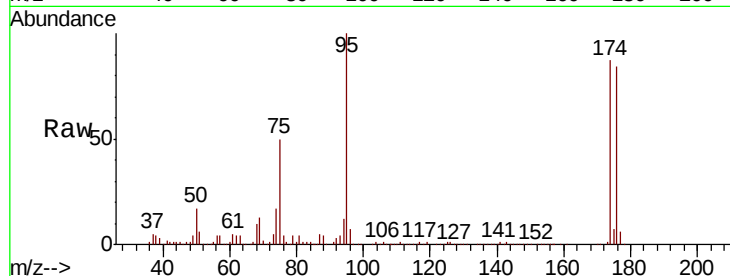
Tot Ion: 95 Resp: 150821

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

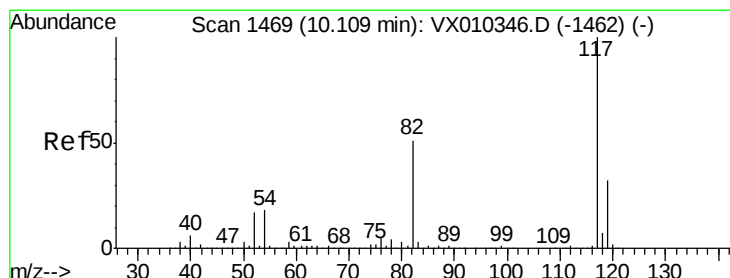
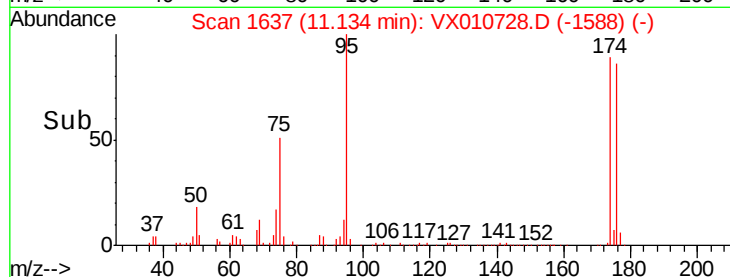
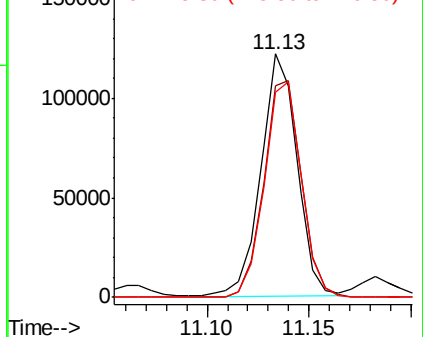
176 91.0 0.0 184.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

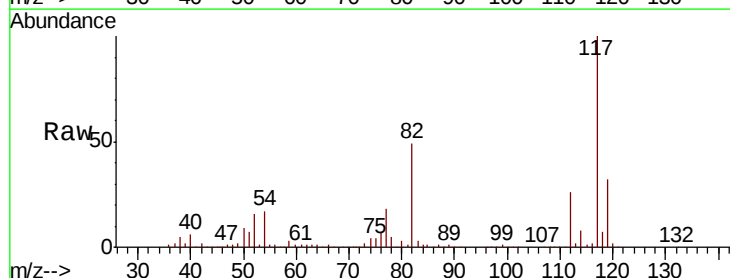
Tgt Ion: 117 Resp: 326431

Ion Ratio Lower Upper

117 100

82 48.8 41.2 61.8

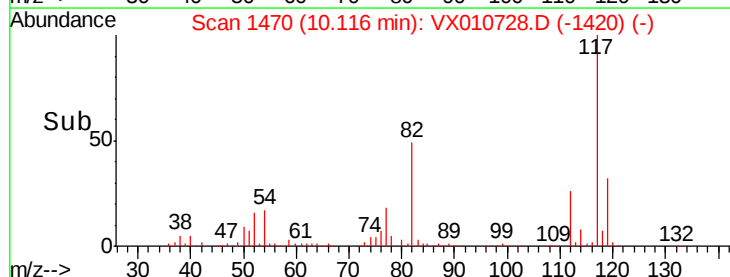
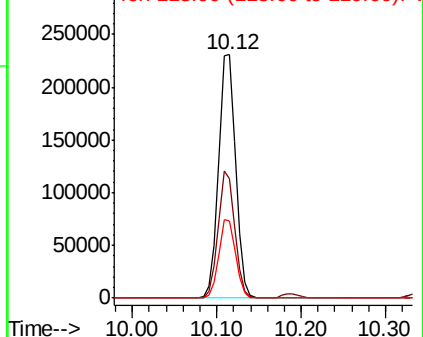
119 31.9 25.5 38.3

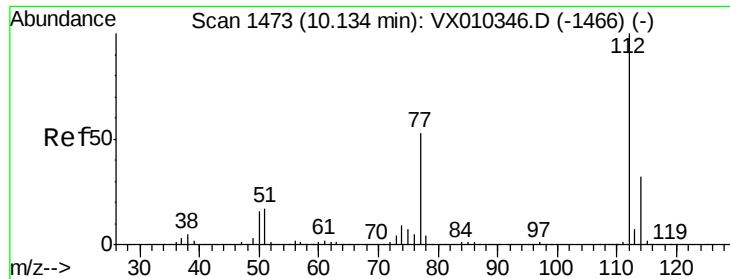


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

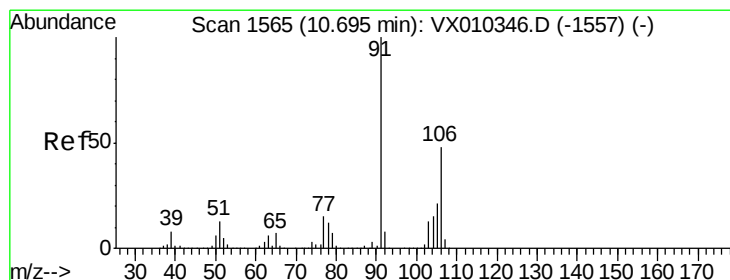
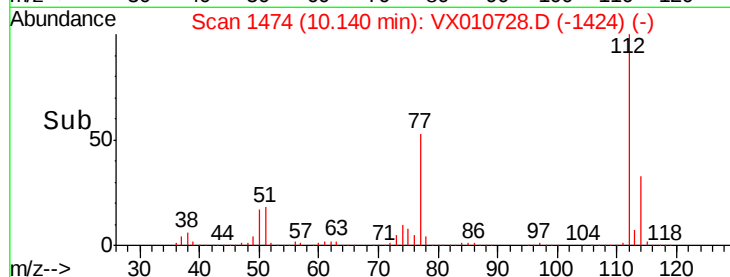
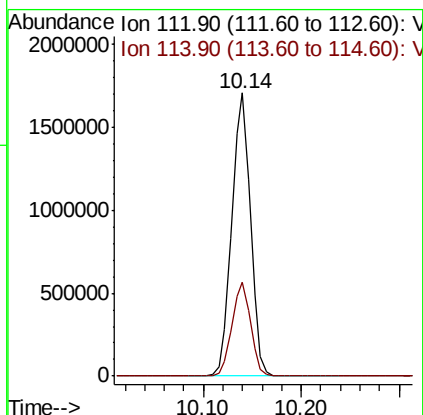
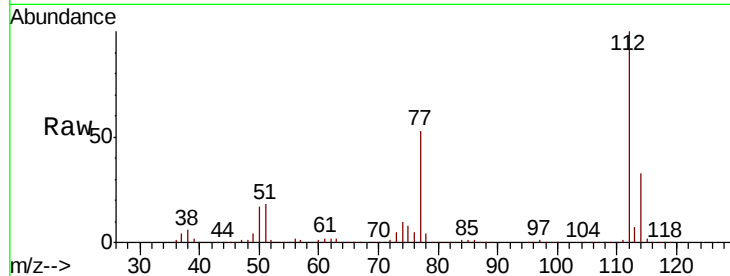




#65
Chlorobenzene
Concen: 341.581 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

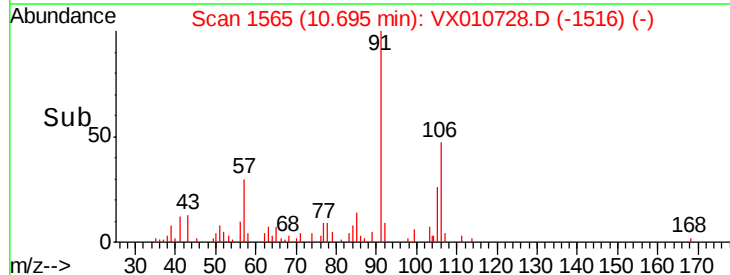
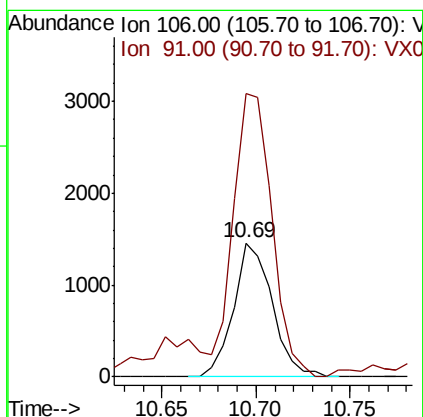
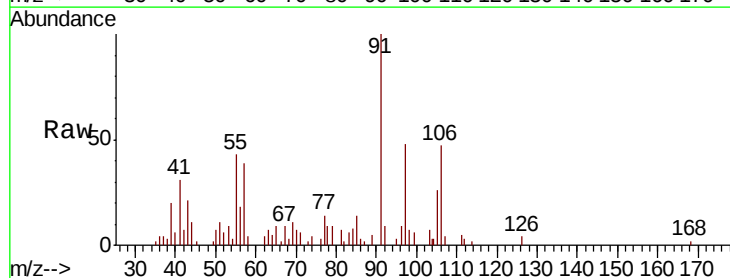
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

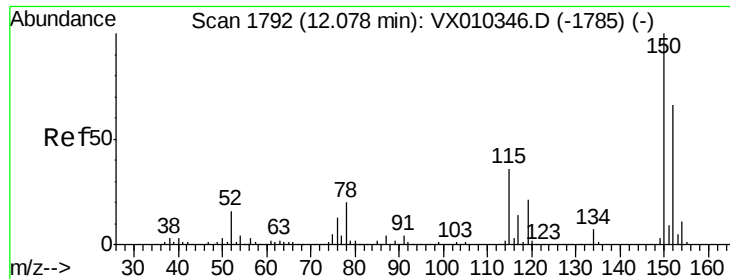
Tot Ion:112 Resp: 2263715
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2



#69
o-Xylene
Concen: 0.486 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion:106 Resp: 2071
Ion Ratio Lower Upper
106 100
91 210.6 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

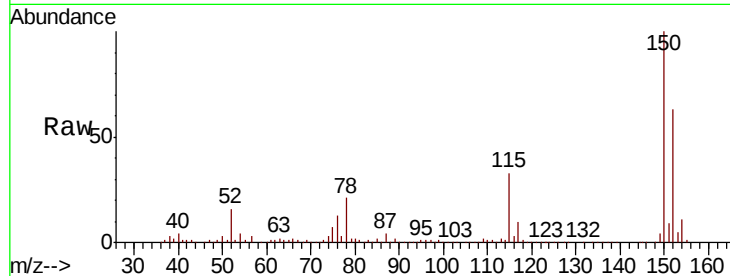
Tot Ion:152 Resp: 161892

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

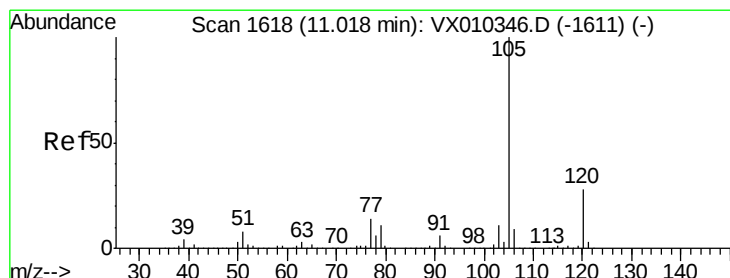
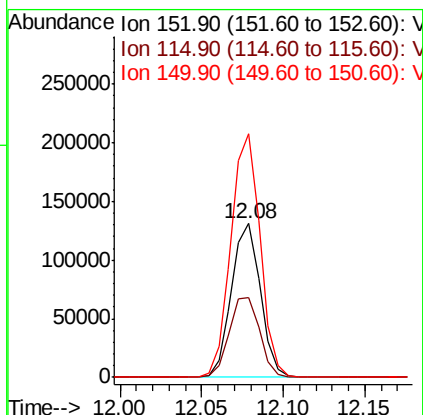
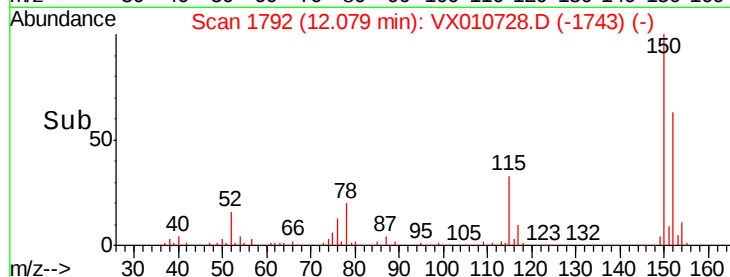
150 159.1 0.0 347.4



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: 5.538 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010728.D

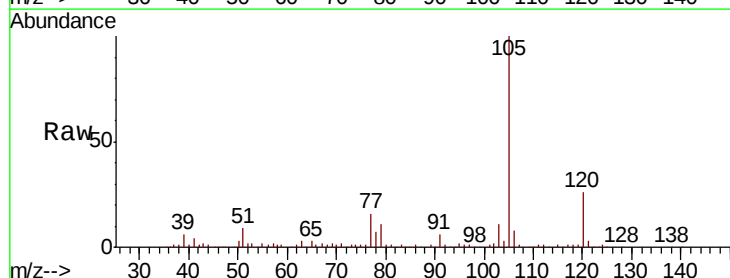
Acq: 09 Jul 2019 04:40

Tgt Ion:105 Resp: 60772

Ion Ratio Lower Upper

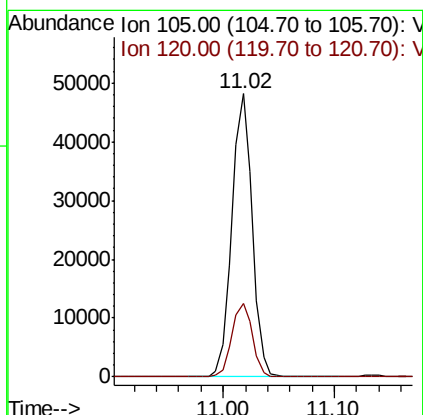
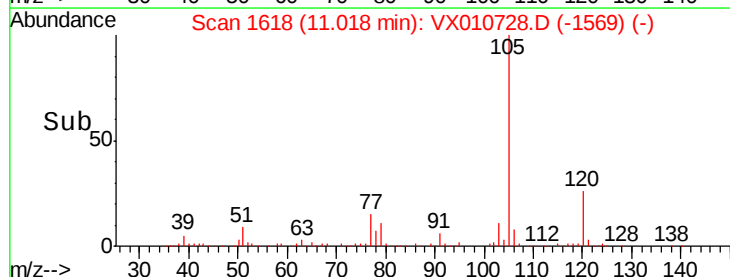
105 100

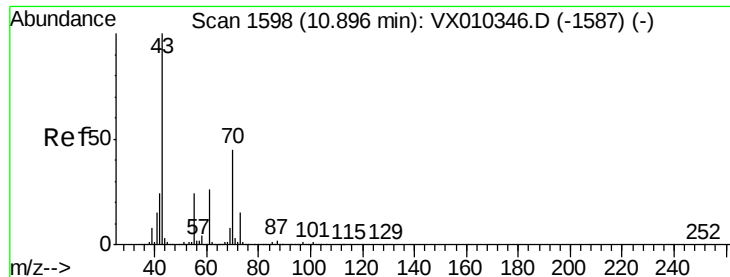
120 26.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.220 ug/l

RT: 10.88 min Scan# 1595

Delta R.T. -0.02 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

Tot Ion: 43 Resp: 913

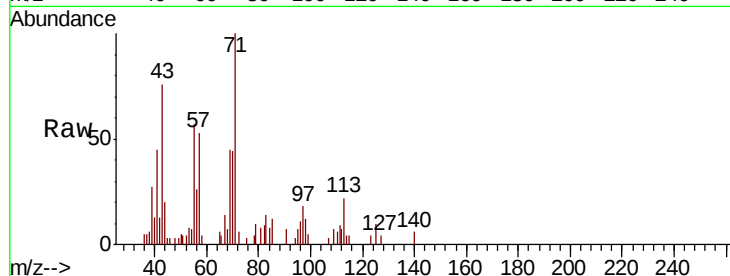
Ion Ratio Lower Upper

43 100

70 109.5 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

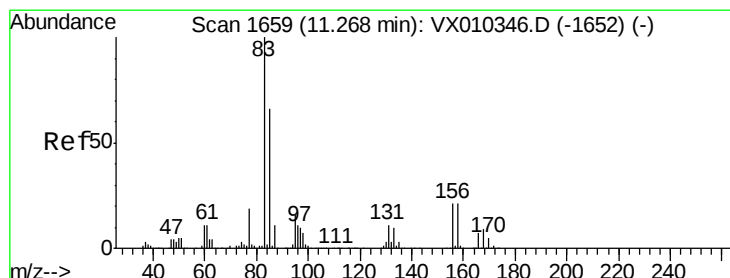
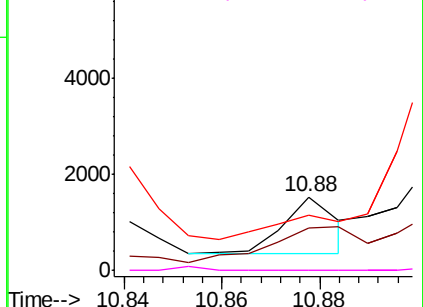
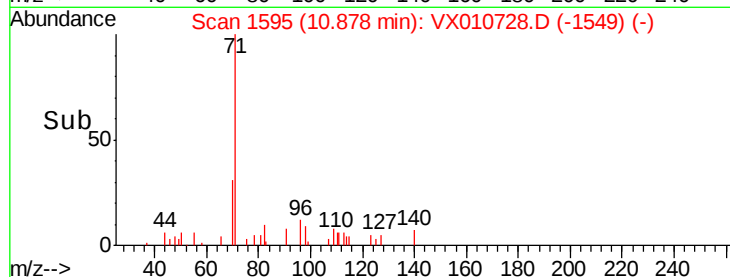


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.884 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

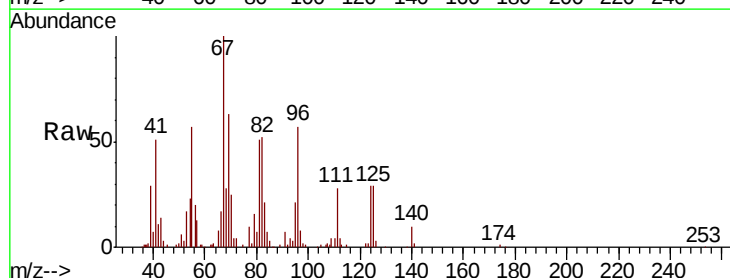
Tgt Ion: 83 Resp: 3214

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

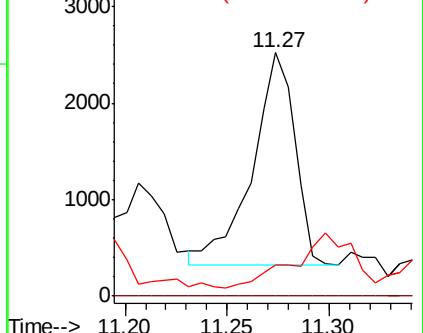
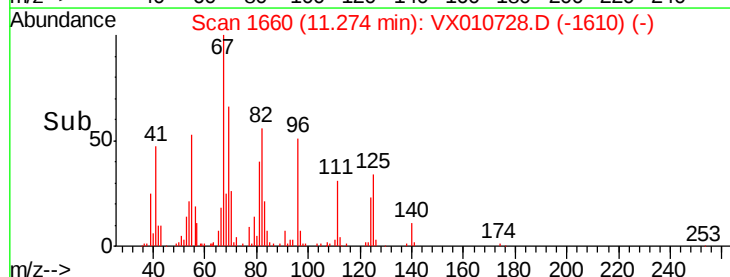
85 0.0 32.3 96.8#

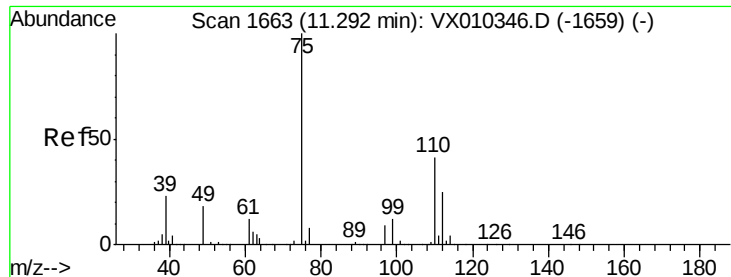


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

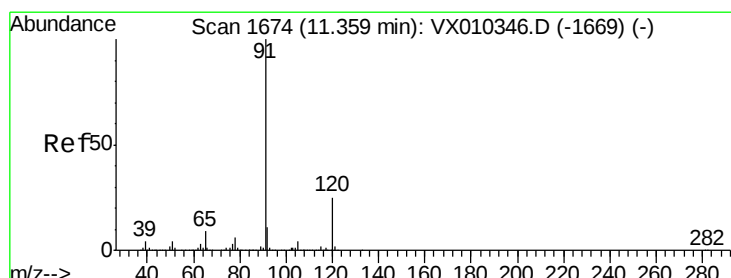
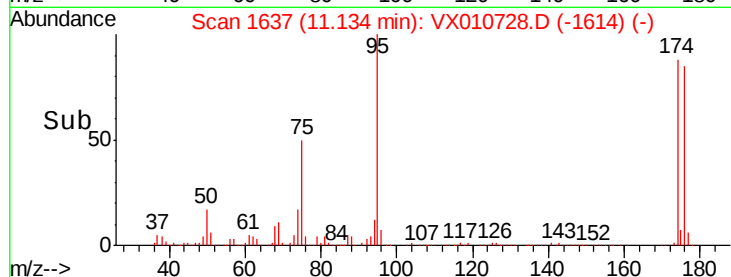
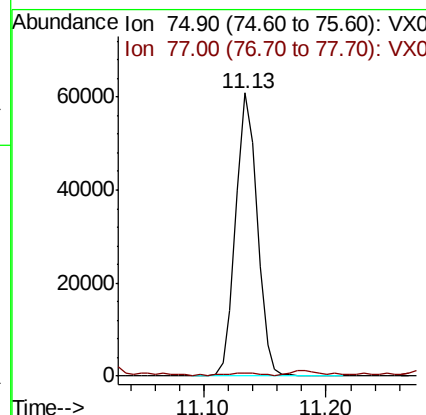
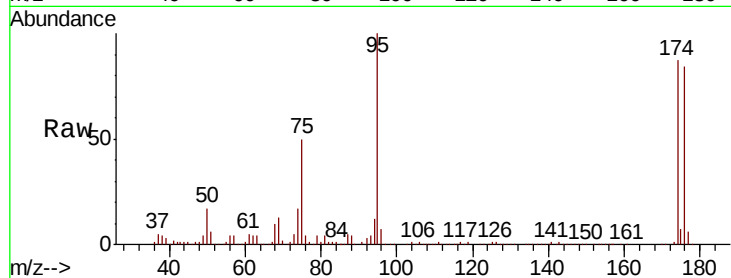




#76
1,2,3-Trichloropropane
Concen: 25.029 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

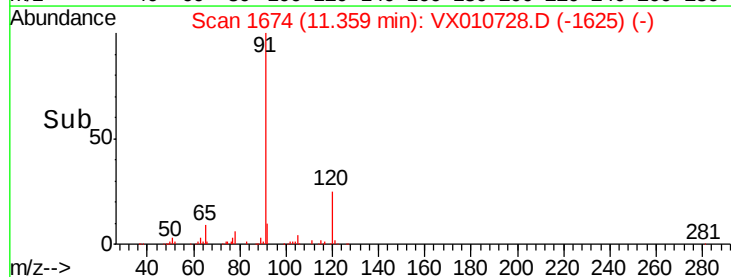
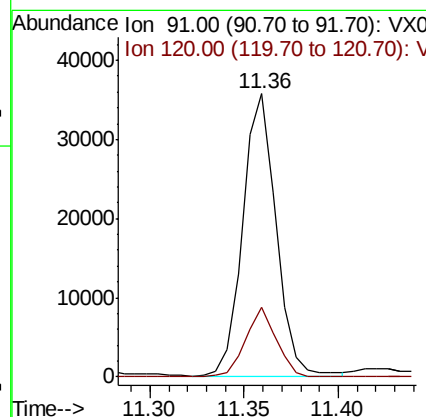
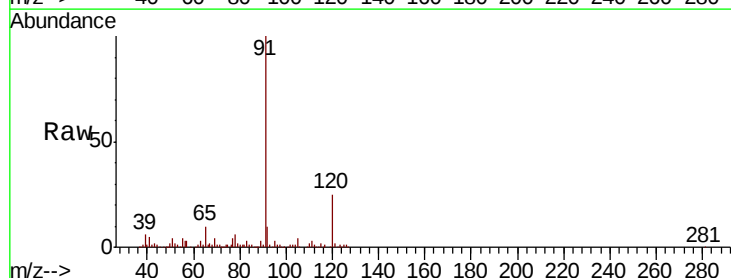
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

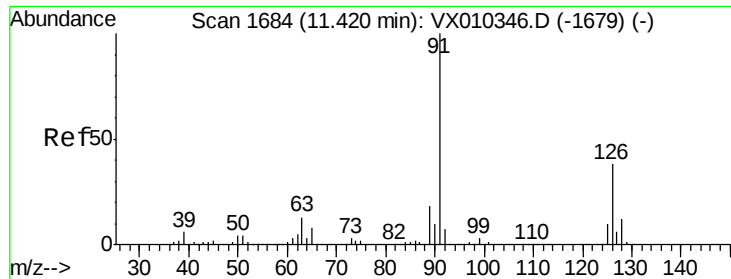
Tot Ion: 75 Resp: 73839
Ion Ratio Lower Upper
75 100
77 1.2 22.6 67.8#



#78
n-propylbenzene
Concen: 3.619 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion: 91 Resp: 43650
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.4

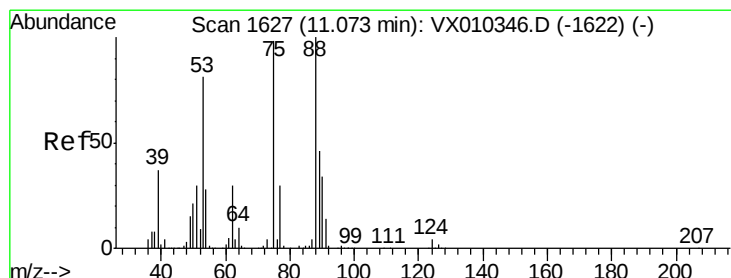
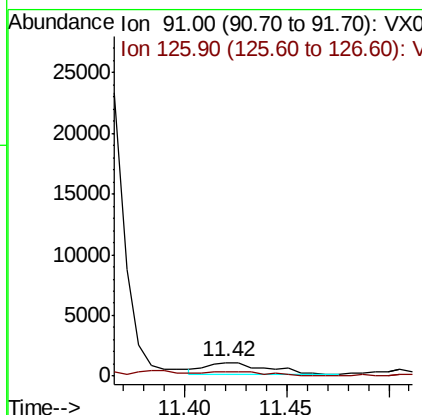
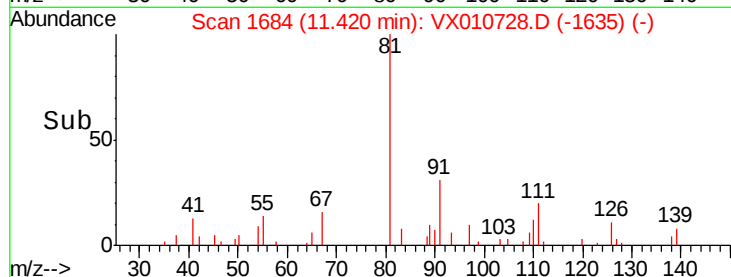
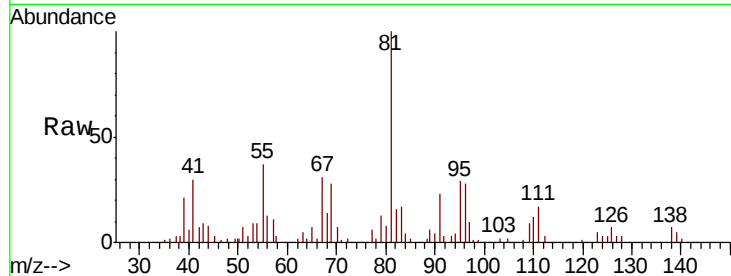




#79
2-Chlorotoluene
Concen: 0.270 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

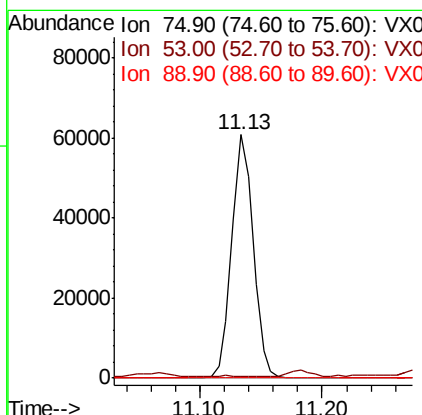
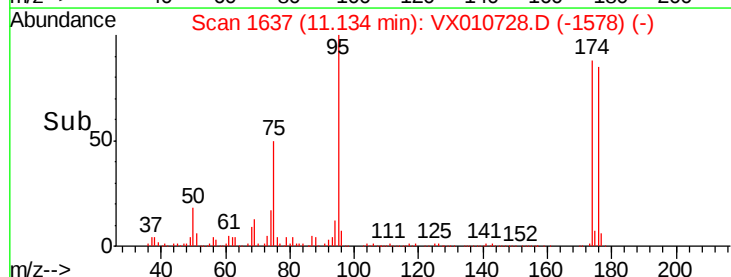
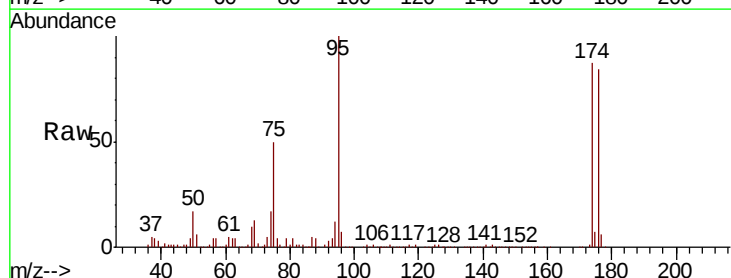
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

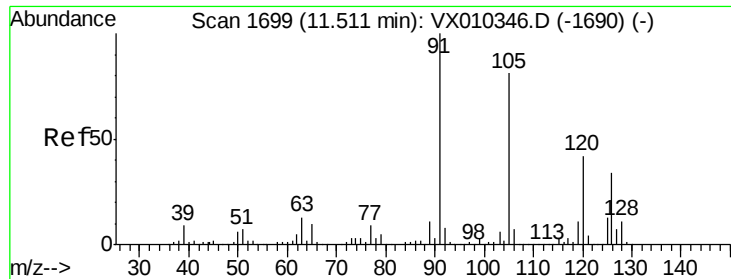
Tot Ion: 91 Resp: 1940
Ion Ratio Lower Upper
91 100
126 35.8 18.7 56.1



#81
trans-1,4-Dichloro-2-butene
Concen: 58.391 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion: 75 Resp: 73839
Ion Ratio Lower Upper
75 100
53 0.6 66.1 99.1#
89 0.2 37.8 56.6#

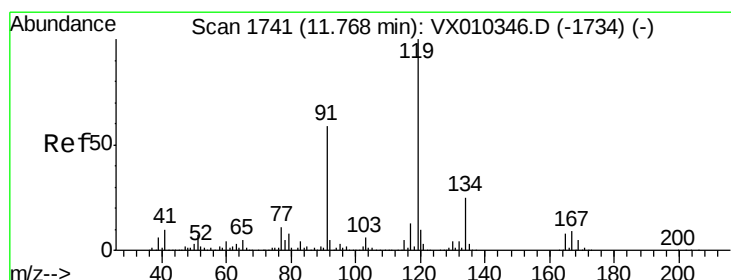
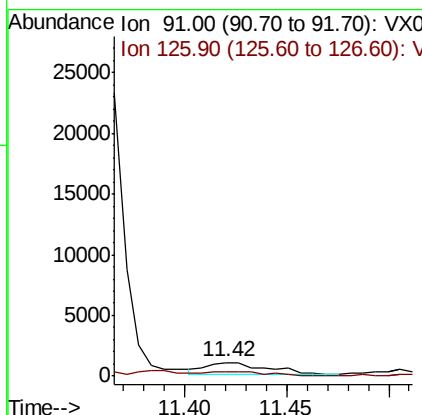
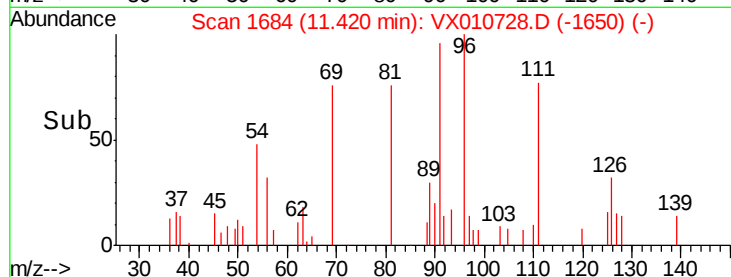
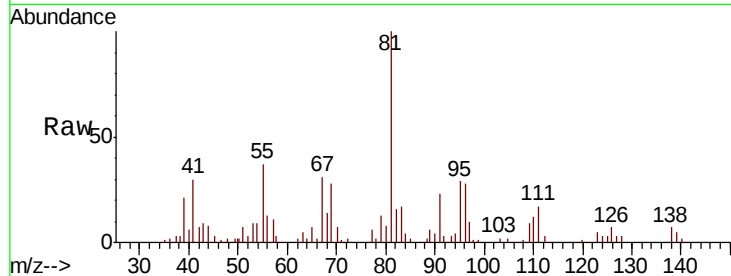




#82
4-Chlorotoluene
Concen: 0.237 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

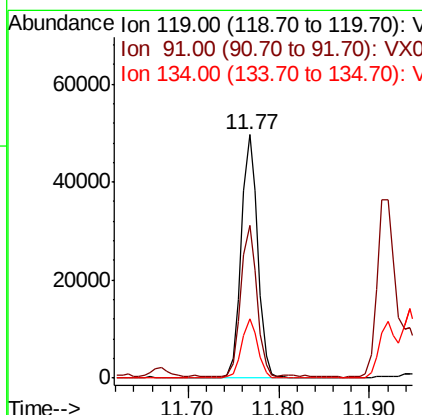
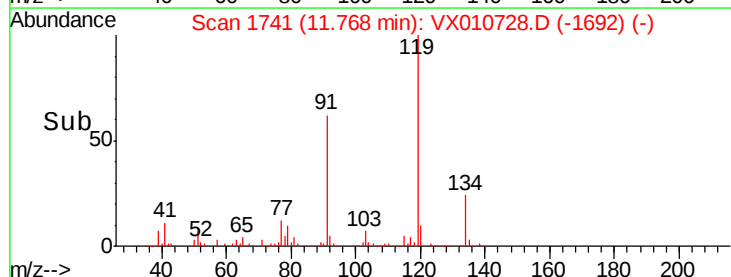
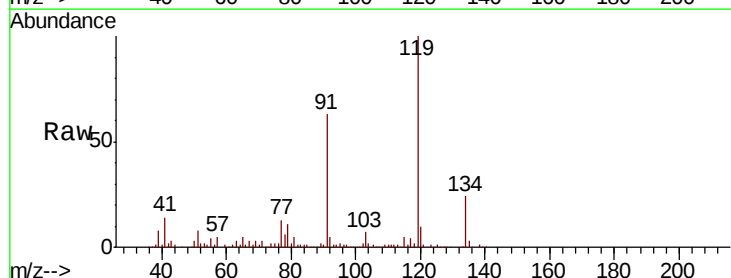
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

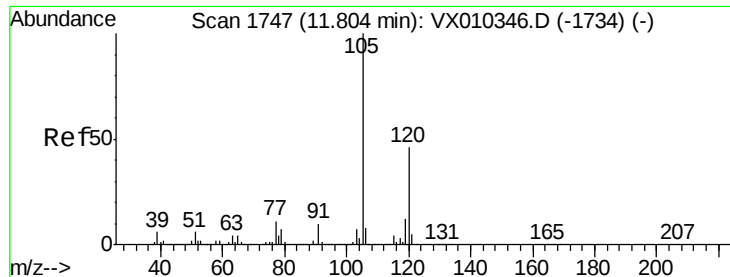
Tot Ion: 91 Resp: 1940
Ion Ratio Lower Upper
91 100
126 43.2 16.2 48.6



#83
tert-Butylbenzene
Concen: 6.875 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion: 119 Resp: 62429
Ion Ratio Lower Upper
119 100
91 60.9 27.6 82.7
134 24.0 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 1.383 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

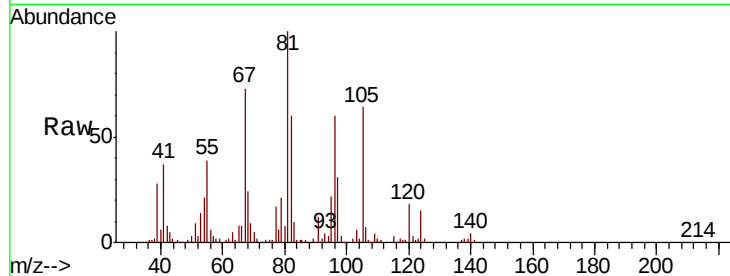
SS038MW009-190703

Tot Ion:105 Resp: 12568

Ion Ratio Lower Upper

105 100

120 32.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.66

10000

8000

6000

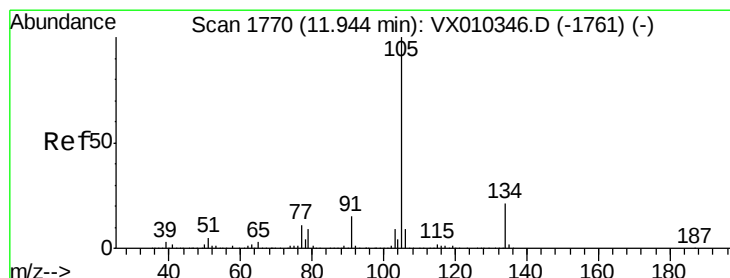
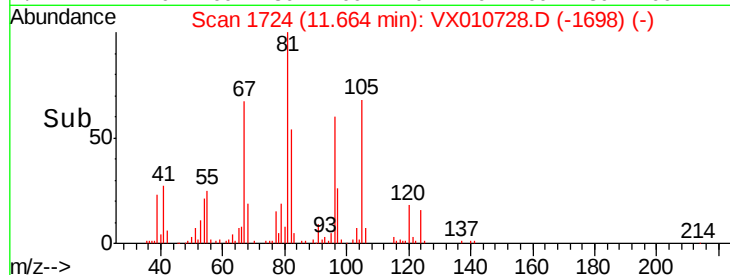
4000

2000

0

Time-->

11.60 11.65 11.70



#85

sec-Butylbenzene

Concen: 7.294 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010728.D

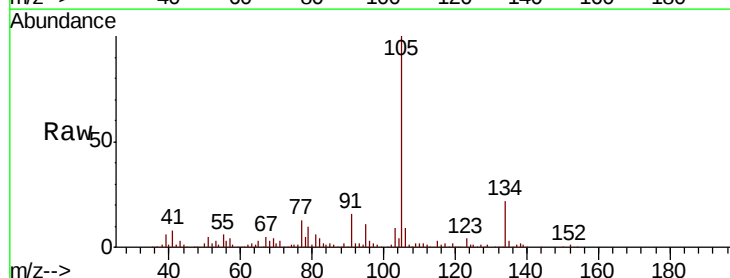
Acq: 09 Jul 2019 04:40

Tgt Ion:105 Resp: 77768

Ion Ratio Lower Upper

105 100

134 19.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

60000

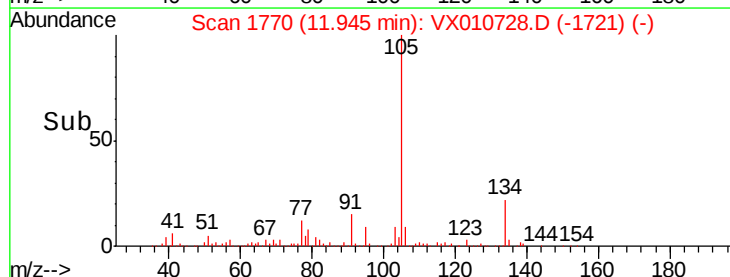
40000

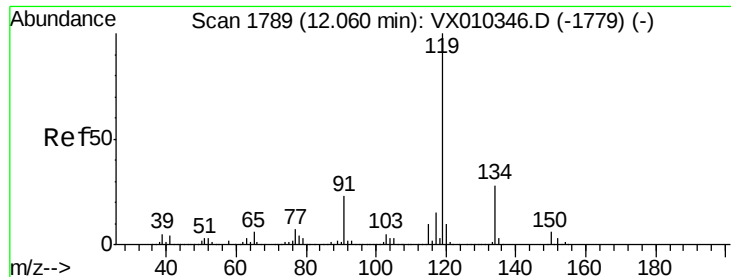
20000

0

Time-->

11.90 12.00

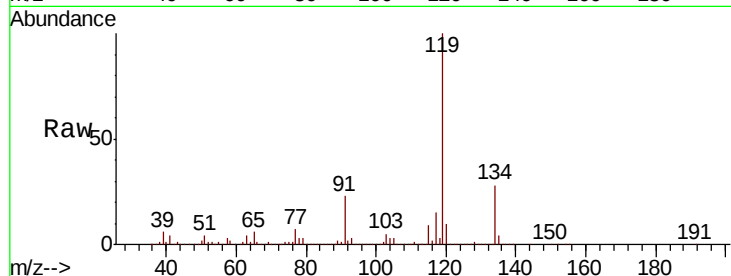




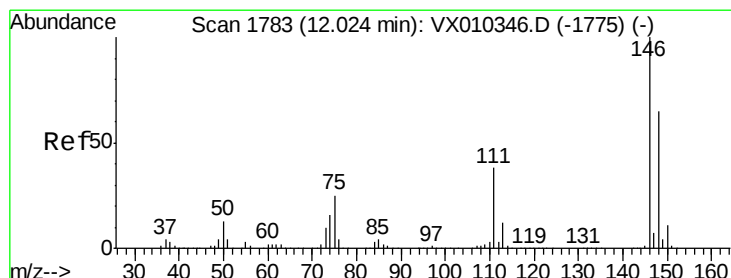
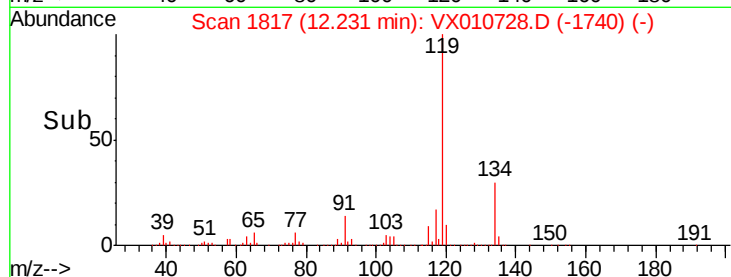
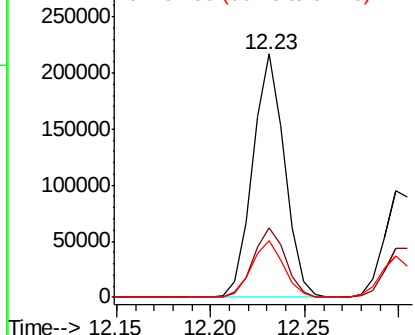
#86
p-Isopropyltoluene
Concen: 25.775 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

Tot Ion:119 Resp: 254181
Ion Ratio Lower Upper
119 100
134 28.7 13.7 41.1
91 23.4 11.3 33.8

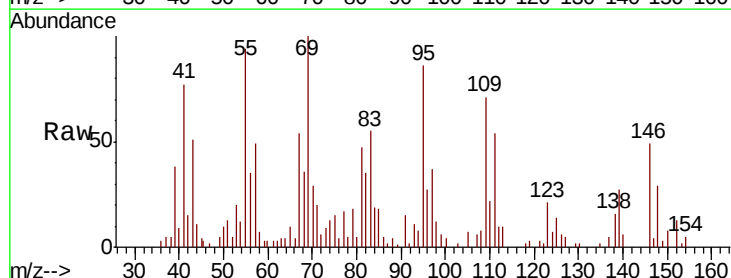


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

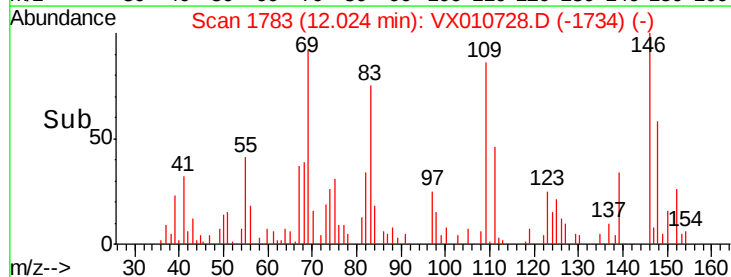
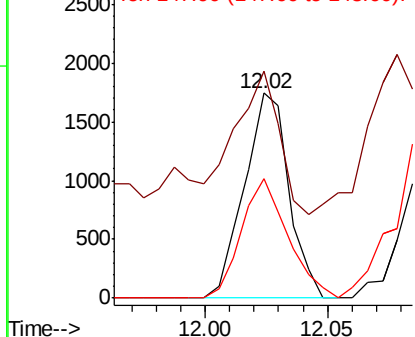


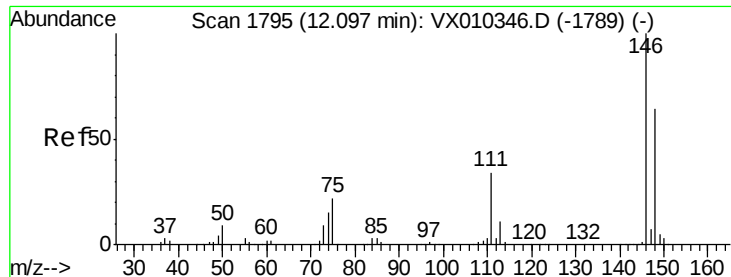
#87
1,3-Dichlorobenzene
Concen: 0.411 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion:146 Resp: 2198
Ion Ratio Lower Upper
146 100
111 69.3 19.1 57.1#
148 61.1 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.717 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

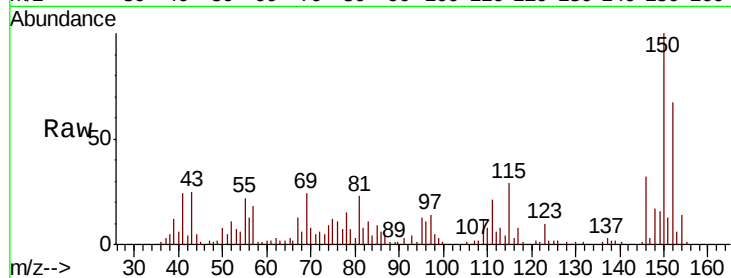
Tot Ion:146 Resp: 3906

Ion Ratio Lower Upper

146 100

111 110.1 18.1 54.3#

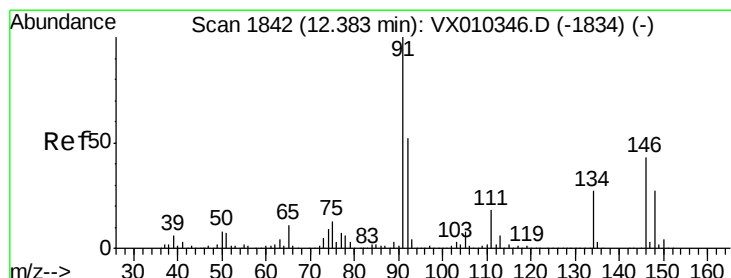
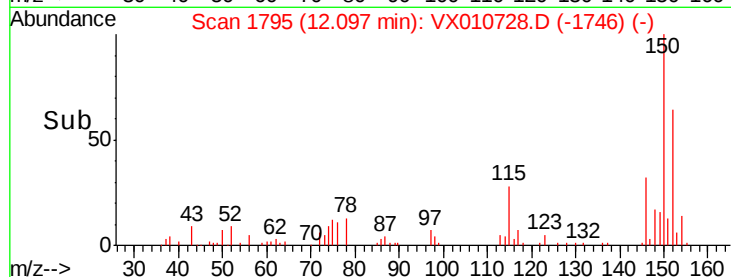
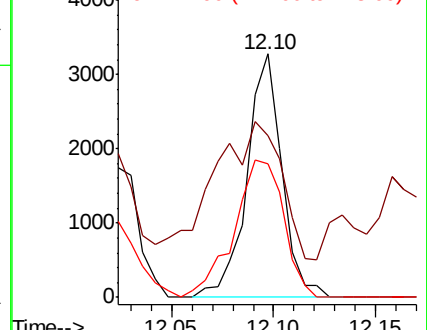
148 79.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.456 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

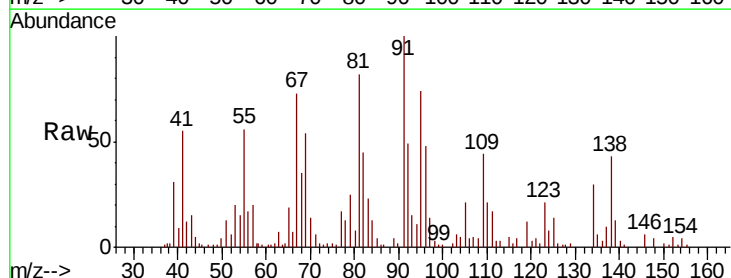
Tgt Ion: 91 Resp: 12205

Ion Ratio Lower Upper

91 100

92 37.2 26.2 78.5

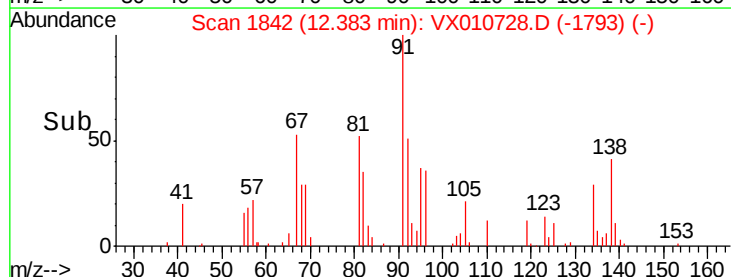
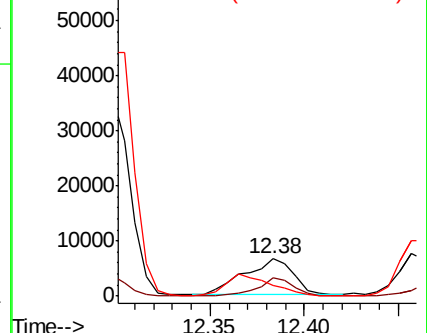
134 56.1 14.1 42.4#

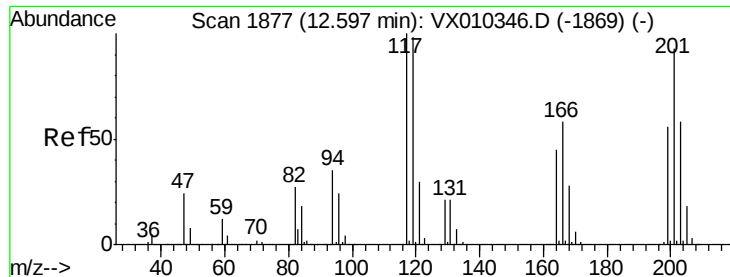


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 92.683 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

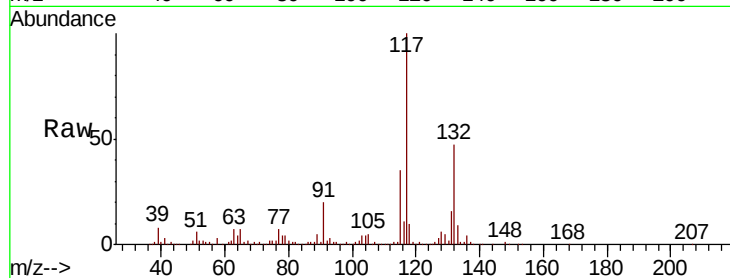
SS038MW009-190703

Tot Ion:117 Resp: 158043

Ion Ratio Lower Upper

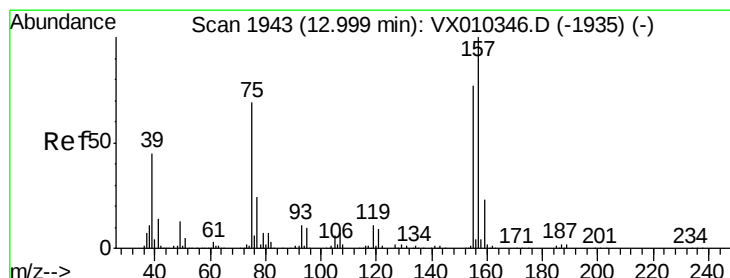
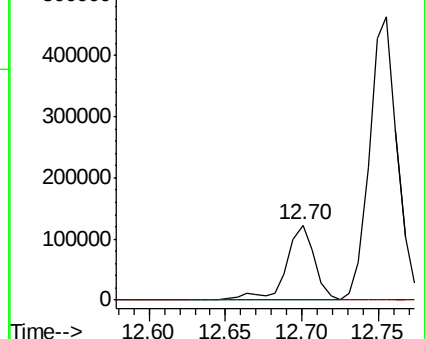
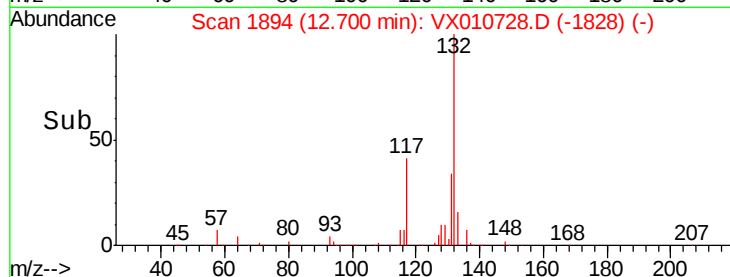
117 100

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: 0.442 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

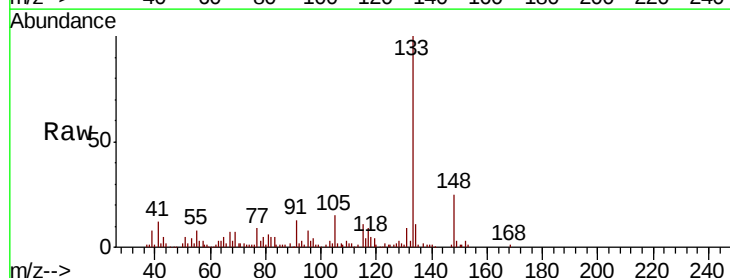
Tgt Ion: 75 Resp: 346

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

