

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010893.D
 Acq On : 15 Jul 2019 18:34
 Operator : JC/SP
 Sample : K3791-08DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL- 0594DL

Quant Time: Jul 16 02:01:53 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	235698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120649	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.50	113	111979	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.71	98	440291	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.13	95	157724	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	371	0.364	ug/l 82
6) Chloroethane	1.70	64	2188	1.774	ug/l # 55
11) Tert butyl alcohol	3.03	59	641	1.108	ug/l # 74
13) Acrolein	2.28	56	217	0.566	ug/l # 1
14) Allyl chloride	2.85	41	5898	2.033	ug/l # 65
15) Acrylonitrile	3.17	53	2153	1.881	ug/l # 40
16) Acetone	2.40	43	5496	4.962	ug/l # 50
18) Methyl Acetate	2.84	43	12350	5.595	ug/l # 49
20) Methylene Chloride	2.85	84	732	0.321	ug/l # 60
25) 2-Butanone	4.58	43	496	0.305	ug/l # 46
31) Cyclohexane	5.58	56	69093	21.645	ug/l 94
36) 1,1-Dichloropropene	5.66	75	15140	5.204	ug/l # 48
38) Carbon Tetrachloride	5.66	117	21722	6.895	ug/l # 15
39) Methylcyclohexane	7.46	83	56499	14.774	ug/l 91
43) Isopropyl Acetate	6.45	43	1216	0.246	ug/l # 61
48) Methyl methacrylate	7.74	41	3935	1.710	ug/l # 65
49) 1,4-Dioxane	7.49	88	42	0.633	ug/l # 28
55) 1,1,2-Trichloroethane	9.16	97	2606	1.059	ug/l # 19
67) Ethyl Benzene	10.25	91	321803	27.636	ug/l 100
68) m/p-Xylenes	10.36	106	155403	34.443	ug/l 96
69) o-Xylene	10.69	106	22911	5.164	ug/l 97
73) Isopropylbenzene	11.02	105	31277	2.768	ug/l 98
76) 1,2,3-Trichloropropane	11.13	75	77313	25.457	ug/l # 33
78) n-propylbenzene	11.36	91	49562	3.992	ug/l 99
79) 2-Chlorotoluene	11.43	91	20221	2.735	ug/l # 38
80) 1,3,5-Trimethylbenzene	11.51	105	62150	6.673	ug/l 97
81) trans-1,4-Dichloro-2-buten	11.13	75	77313	59.388	ug/l # 16
82) 4-Chlorotoluene	11.51	91	7075	0.841	ug/l # 45
83) tert-Butylbenzene	11.80	119	28126	3.009	ug/l # 55
84) 1,2,4-Trimethylbenzene	11.80	105	226789	24.237	ug/l 99
85) sec-Butylbenzene	11.94	105	9656	0.880	ug/l 81
86) p-Isopropyltoluene	12.06	119	7938	0.782	ug/l 94
89) n-Butylbenzene	12.38	91	10724	1.243	ug/l # 35
90) Hexachloroethane	12.58	117	2231	1.271	ug/l # 5

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

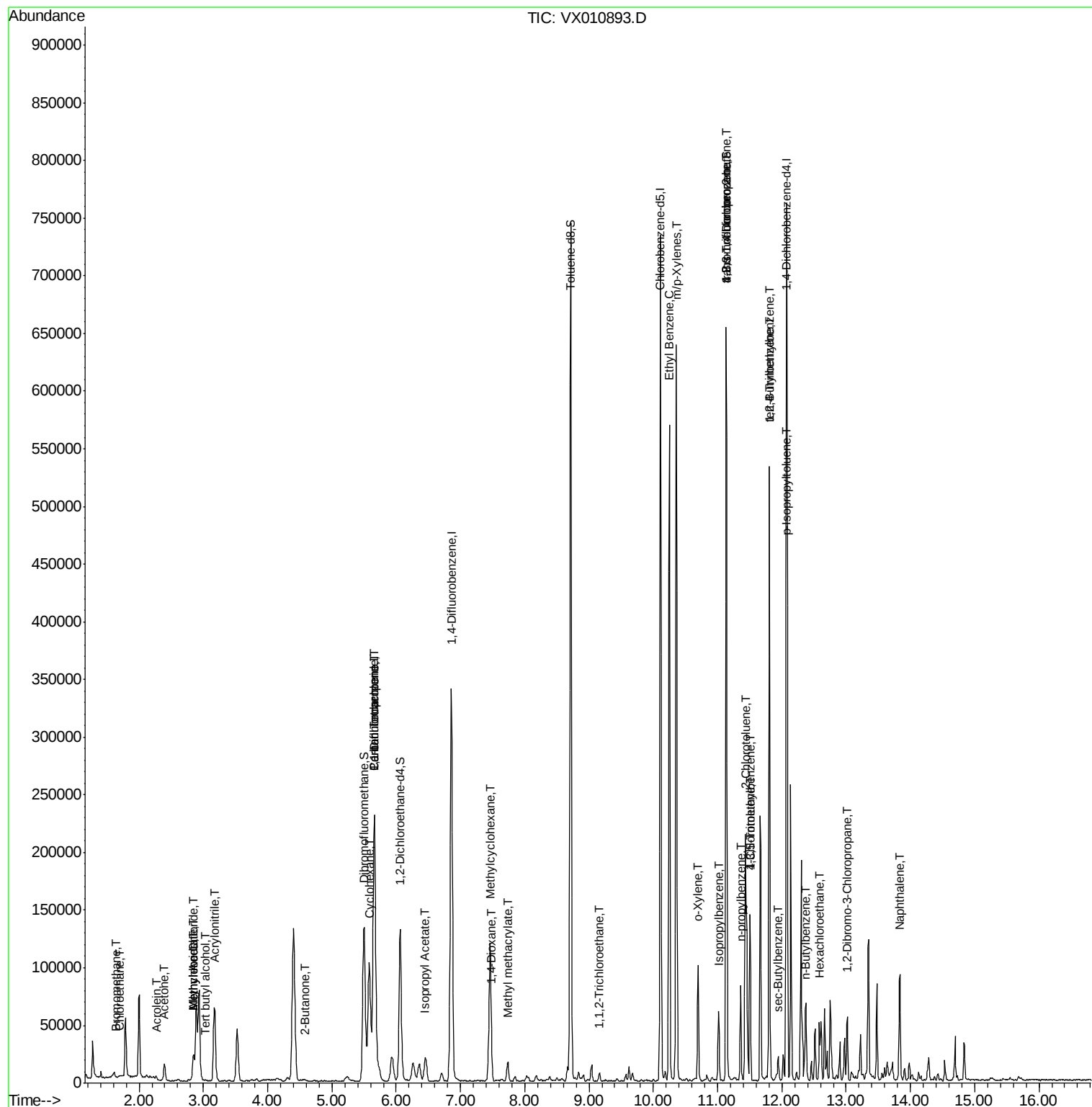
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	251	0.311	ug/l #	1
95) Naphthalene	13.83	128	59246	5.080	ug/l	99

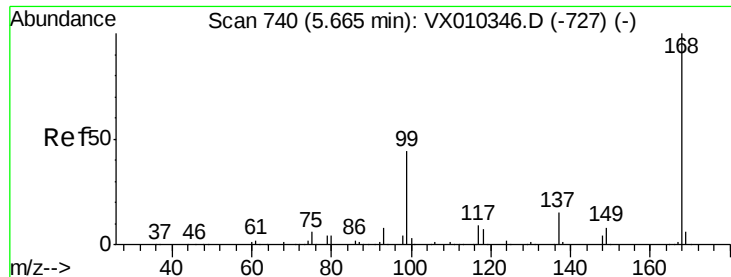
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

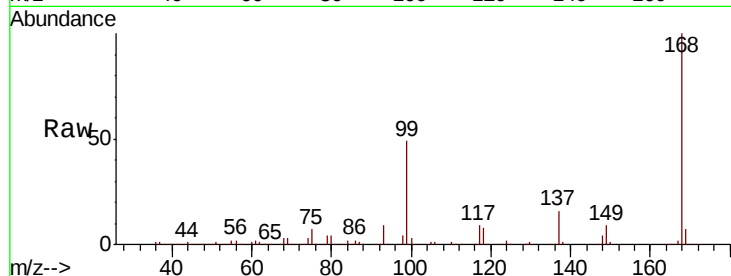
FL- 0594DL

Tot Ion:168 Resp: 235698

Ion Ratio Lower Upper

168 100

99 48.7 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

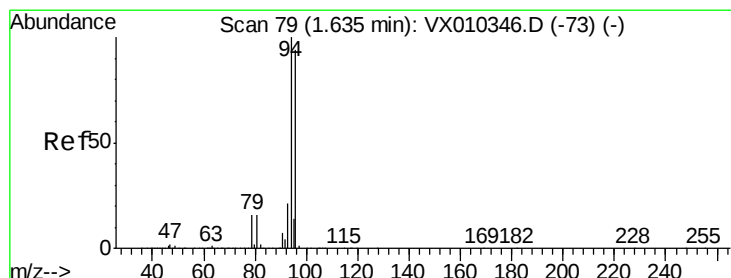
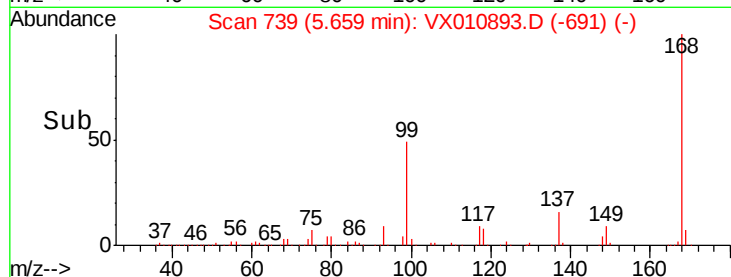
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: 0.364 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010893.D

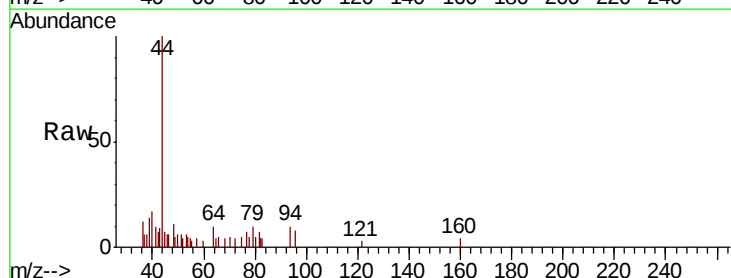
Acq: 15 Jul 2019 18:34

Tgt Ion: 94 Resp: 371

Ion Ratio Lower Upper

94 100

96 76.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

150

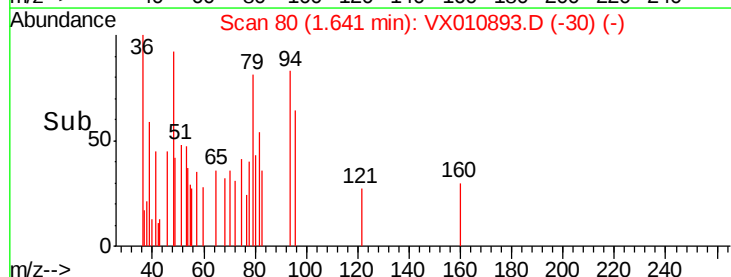
100

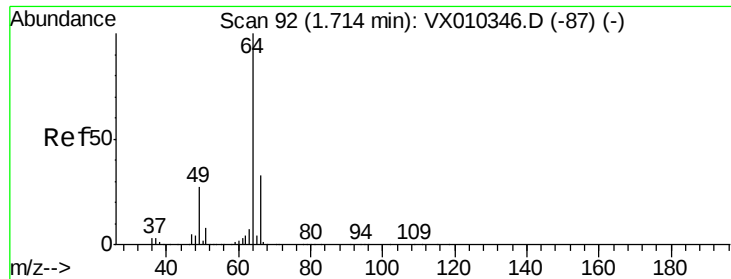
50

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 1.774 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

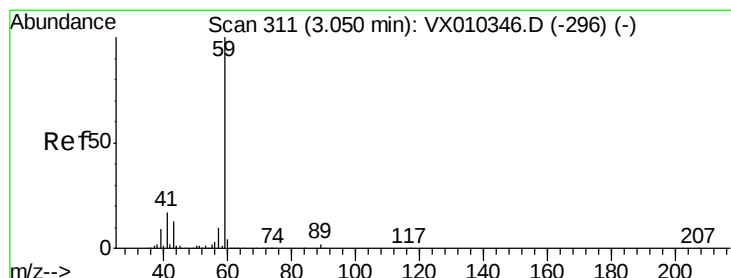
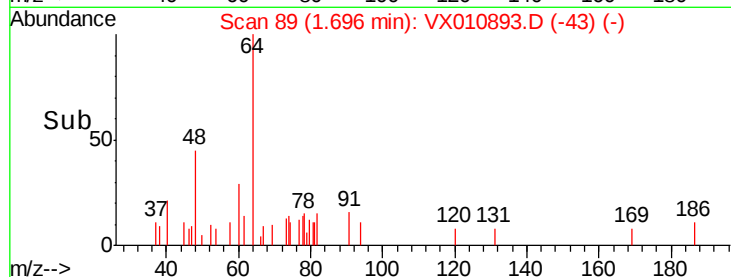
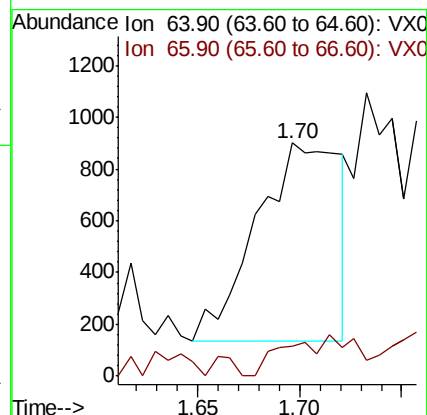
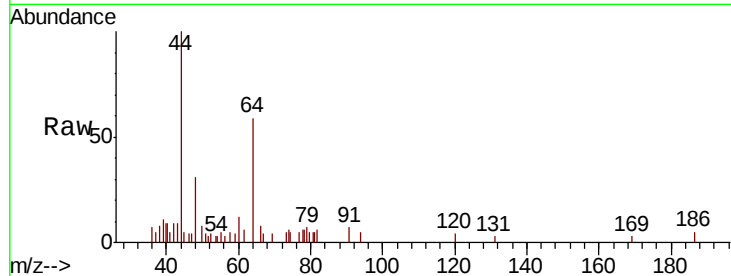
FL- 0594DL

Tot Ion: 64 Resp: 2188

Ion Ratio Lower Upper

64 100

66 7.9 26.6 40.0#



#11

Tert butyl alcohol

Concen: 1.108 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010893.D

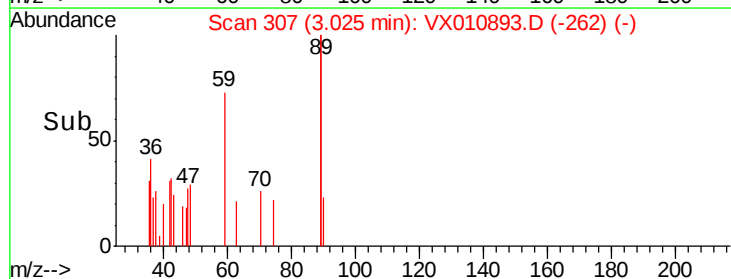
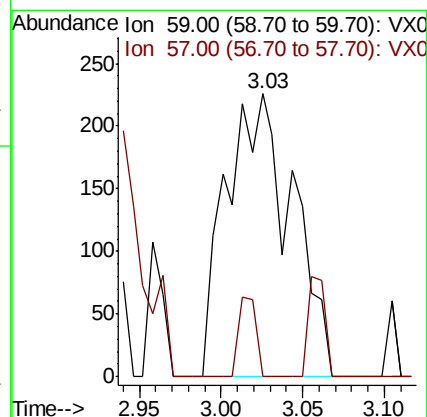
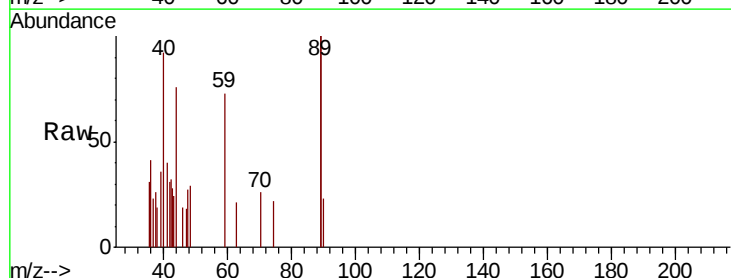
Acq: 15 Jul 2019 18:34

Tgt Ion: 59 Resp: 641

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#13

Acrolein

Concen: 0.566 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampleID :

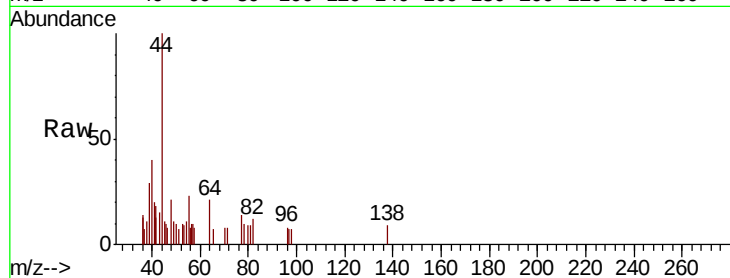
FL- 0594DL

Tot Ion: 56 Resp: 217

Ion Ratio Lower Upper

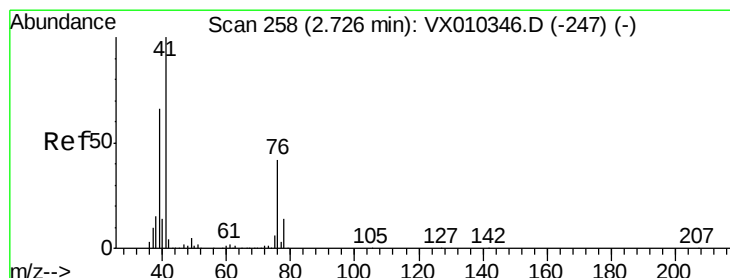
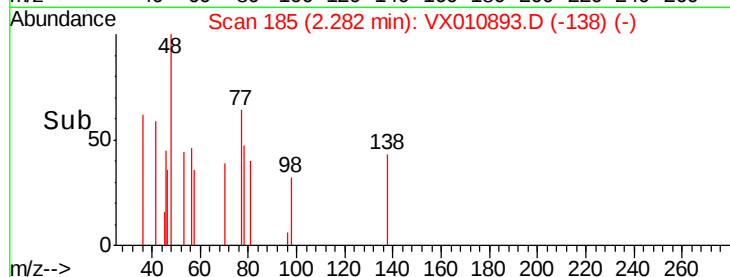
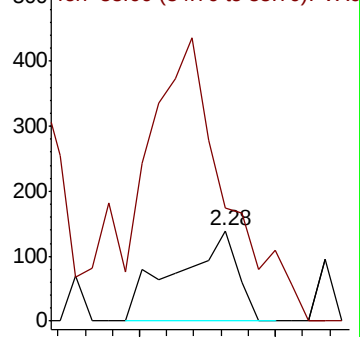
56 100

55 423.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.033 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

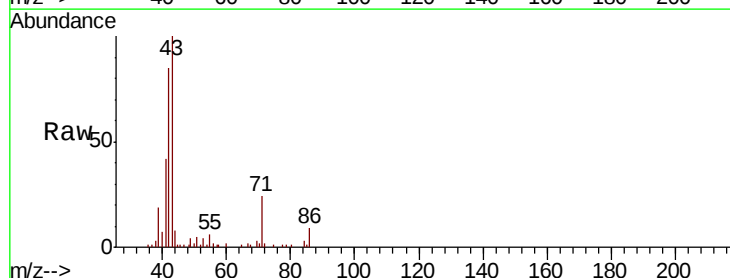
Tgt Ion: 41 Resp: 5898

Ion Ratio Lower Upper

41 100

39 49.4 50.3 75.5#

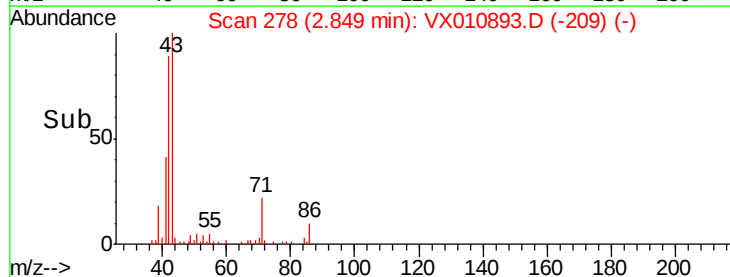
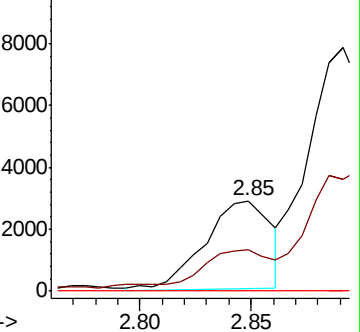
76 0.0 31.3 46.9#

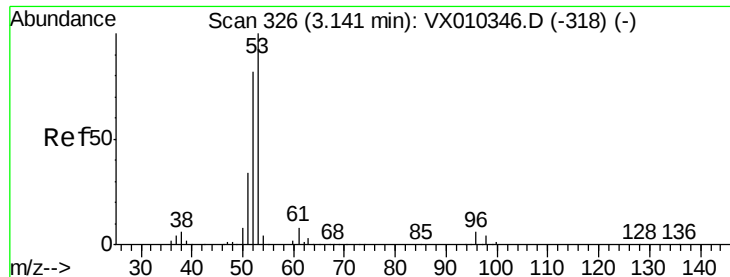


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.881 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

FL- 0594DL

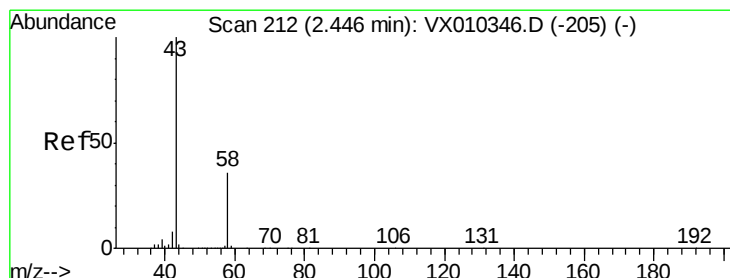
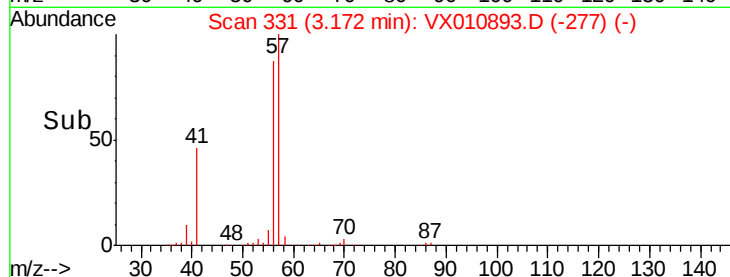
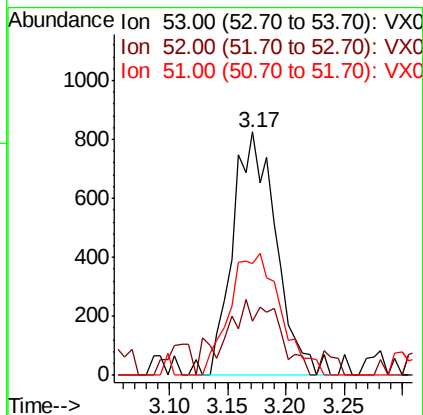
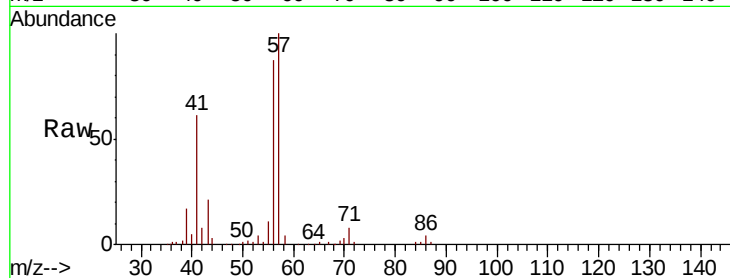
Tot Ion: 53 Resp: 2153

Ion Ratio Lower Upper

53 100

52 20.5 65.5 98.3#

51 58.5 28.2 42.4#



#16

Acetone

Concen: 4.962 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX010893.D

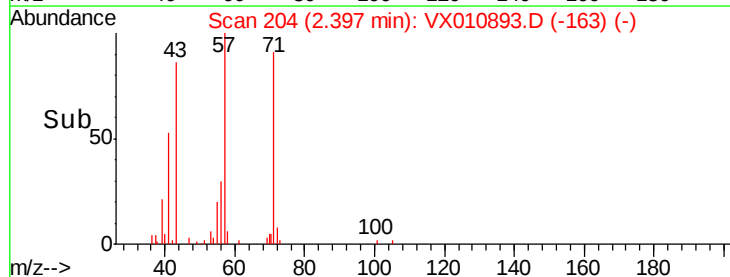
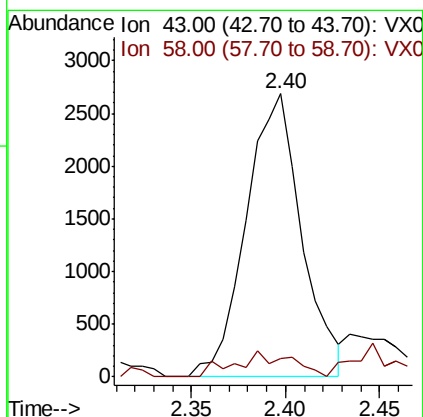
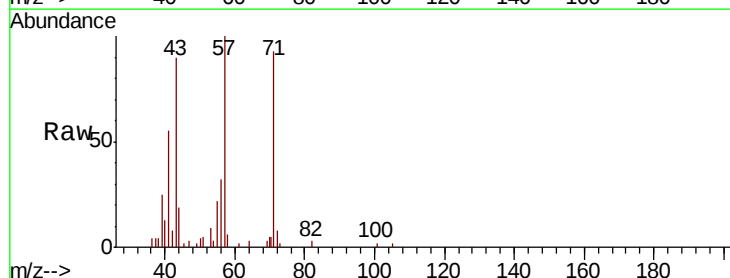
Acq: 15 Jul 2019 18:34

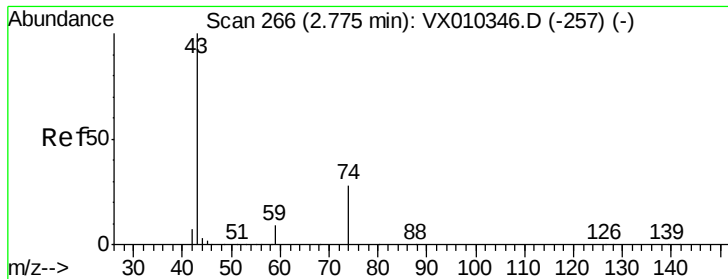
Tgt Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

58 6.7 28.9 43.3#

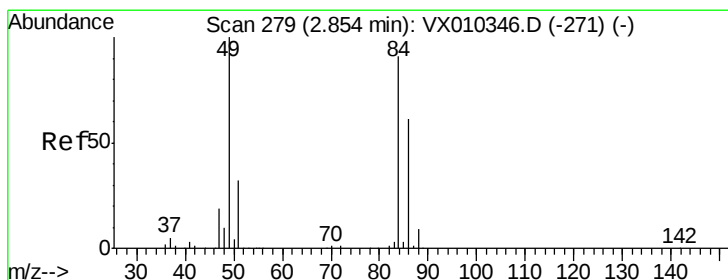
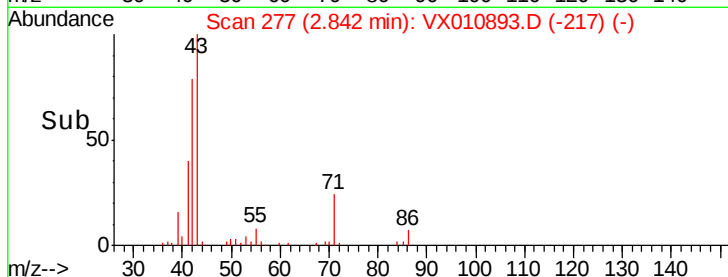
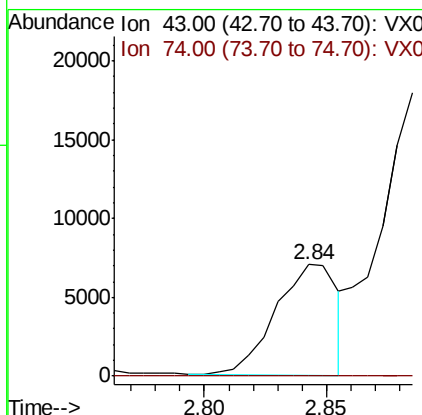
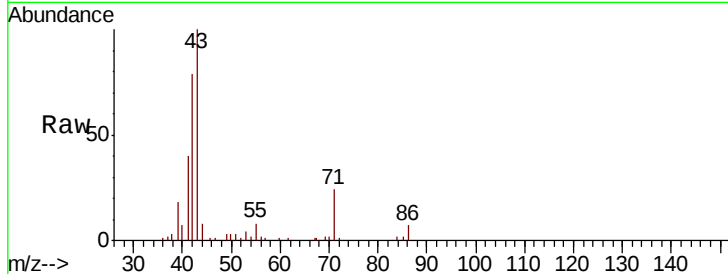




#18
Methyl Acetate
Concen: 5.595 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

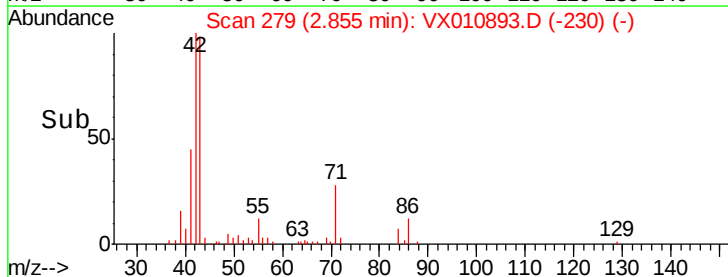
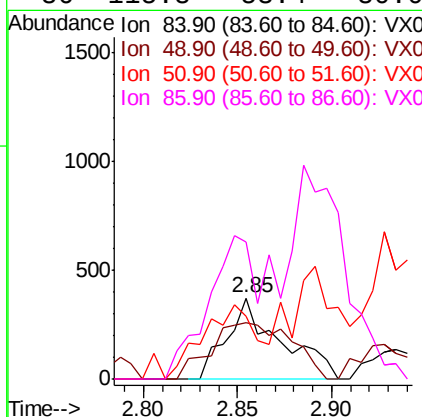
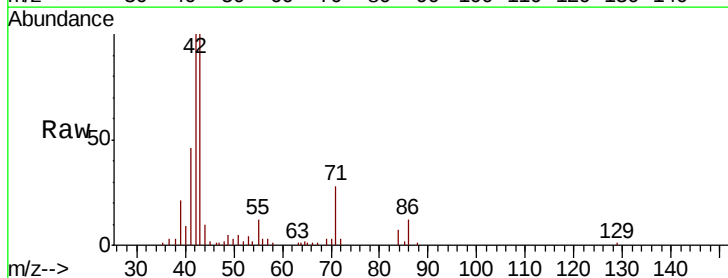
Instrument :
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ClientSampled :
FL- 0594DL

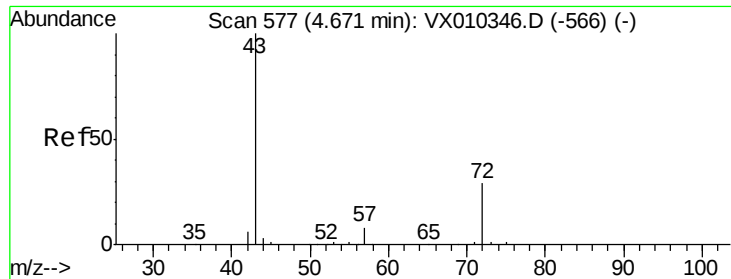
Tot Ion: 43 Resp: 12350
Ion Ratio Lower Upper
43 100
74 0.2 21.3 31.9#



#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion: 84 Resp: 732
Ion Ratio Lower Upper
84 100
49 69.5 87.5 131.3#
51 32.9 27.7 41.5
86 115.8 53.4 80.0#





#25

2-Butanone

Concen: 0.305 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.09 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

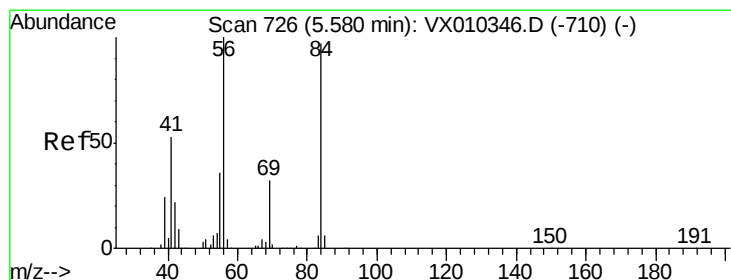
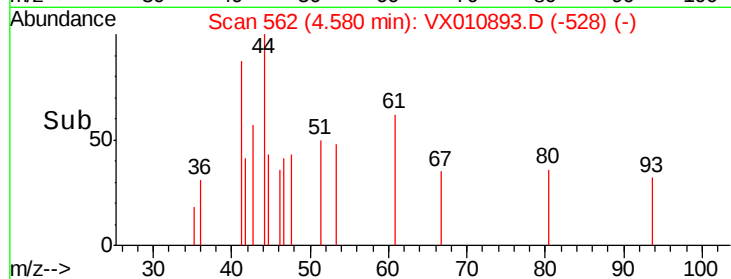
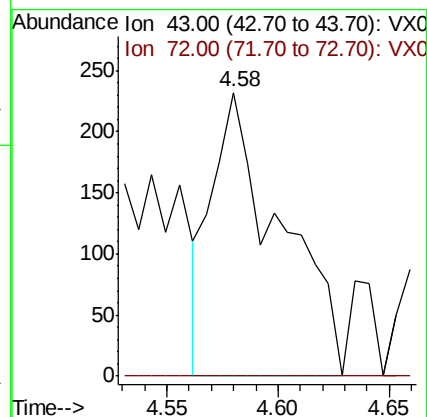
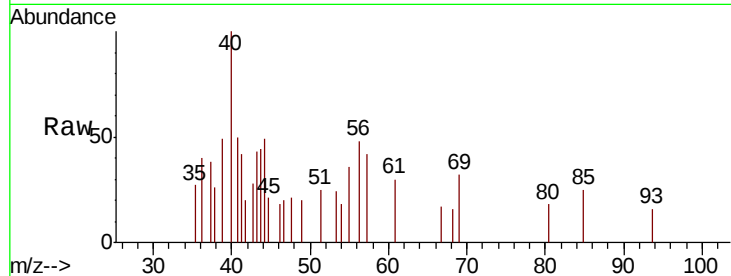
FL- 0594DL

Tot Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

72 0.0 23.3 34.9#



#31

Cyclohexane

Concen: 21.645 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

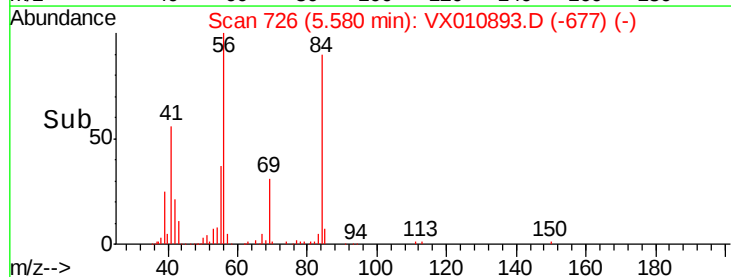
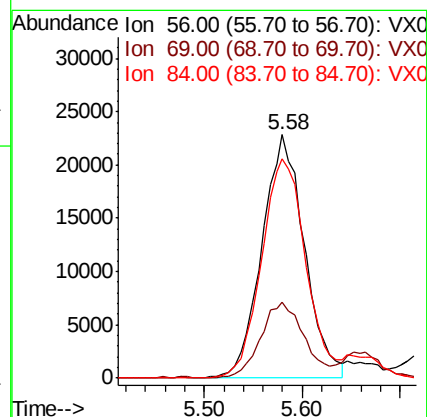
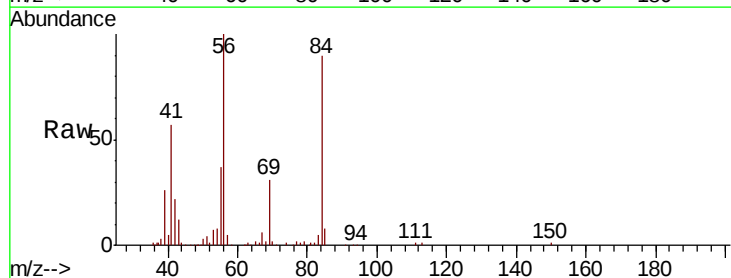
Tgt Ion: 56 Resp: 69093

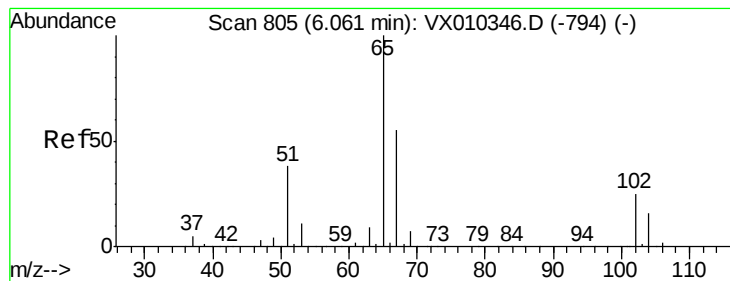
Ion Ratio Lower Upper

56 100

69 31.0 25.9 38.9

84 90.1 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 54.595 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

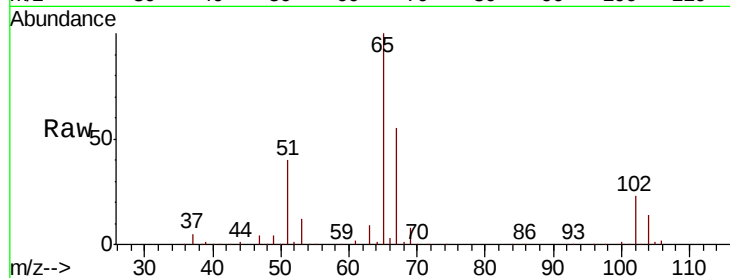
FL- 0594DL

Tot Ion: 65 Resp: 120649

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

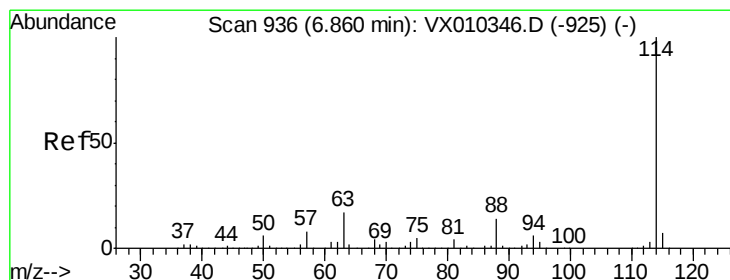
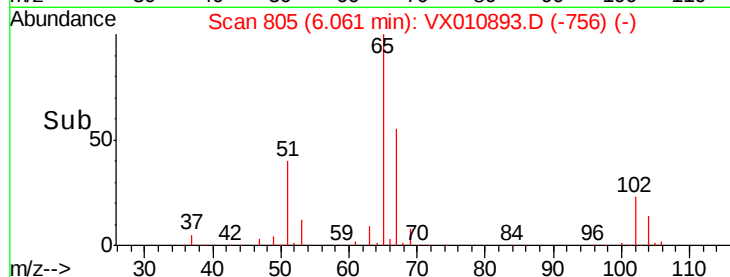
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

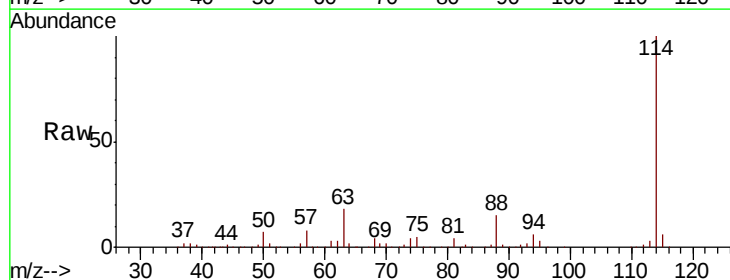
Tgt Ion: 114 Resp: 366105

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

88 14.9 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

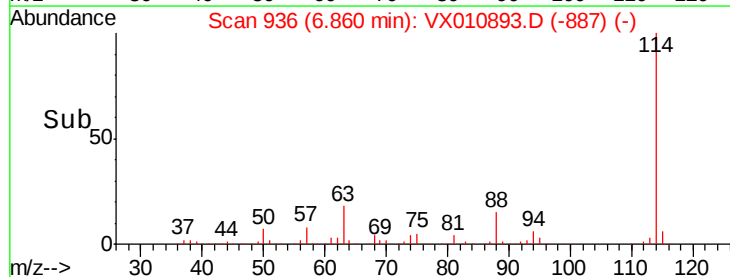
100000

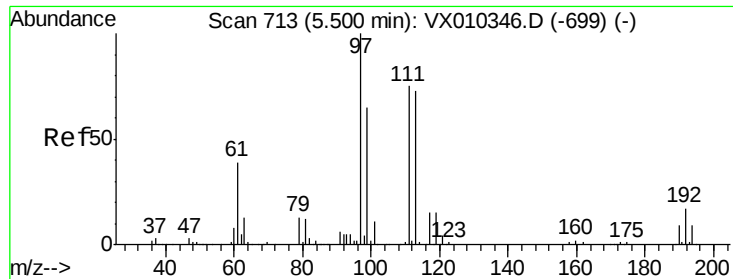
50000

0

Time-->

6.70 6.80 6.90 7.00

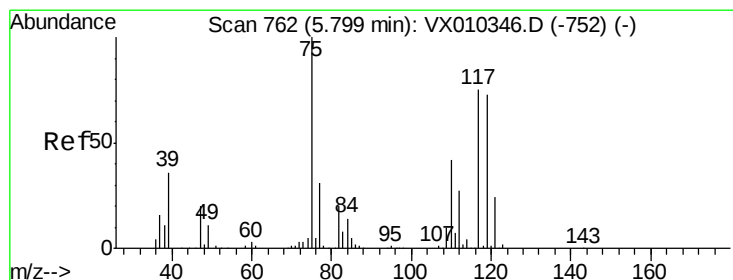
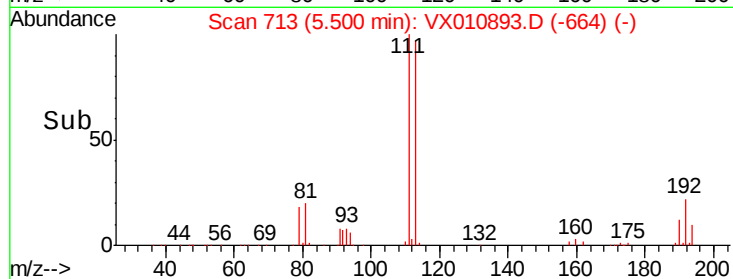
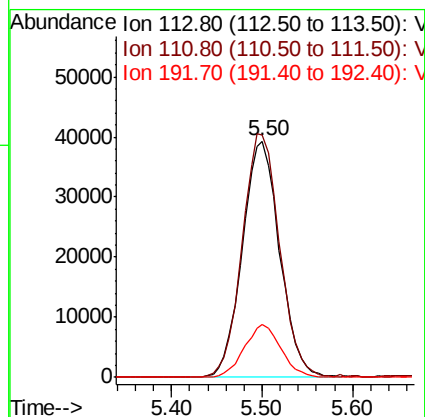
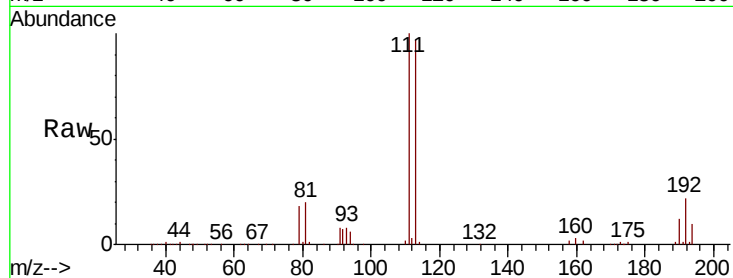




#35
 Dibromofluoromethane
 Concen: 49.991 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010893.D
 Acq: 15 Jul 2019 18:34

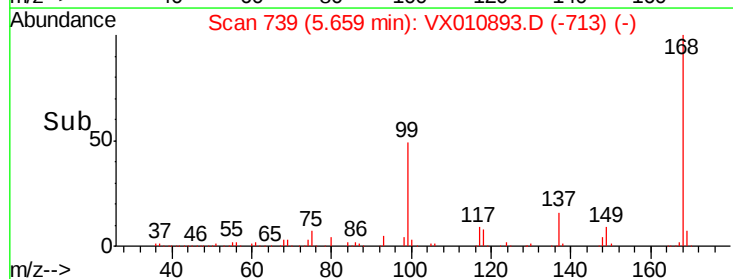
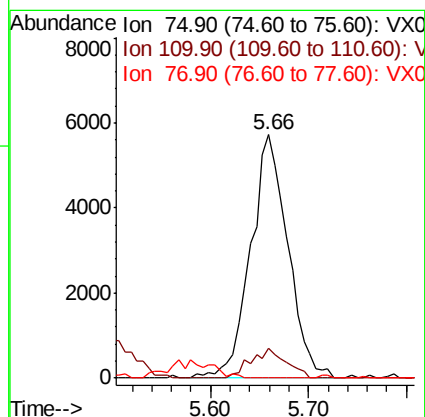
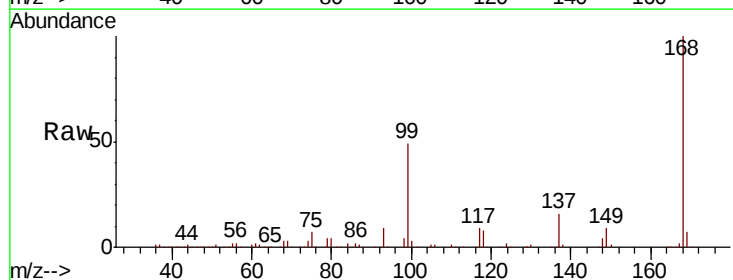
Instrument :
 MSVOA_X
 ClientSampled :
 FL- 0594DL

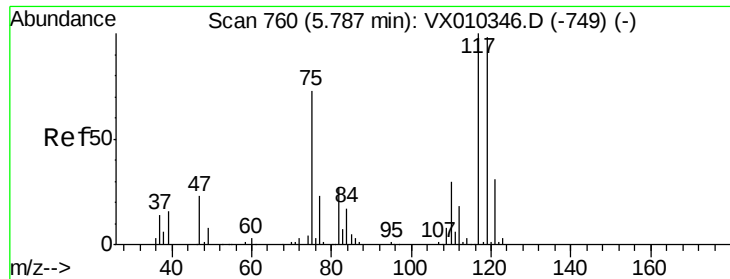
Tot Ion:113 Resp: 111979
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.2 121.8
 192 22.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.204 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010893.D
 Acq: 15 Jul 2019 18:34

Tgt Ion: 75 Resp: 15140
 Ion Ratio Lower Upper
 75 100
 110 11.4 20.8 62.2#
 77 0.0 25.4 38.0#

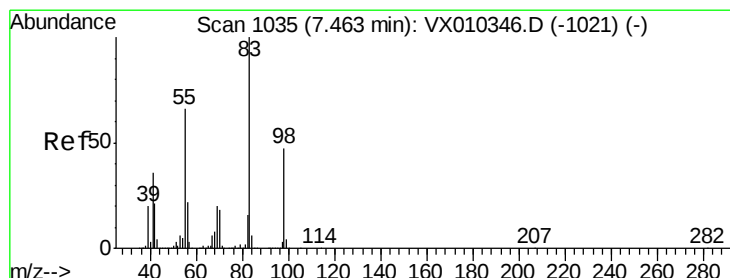
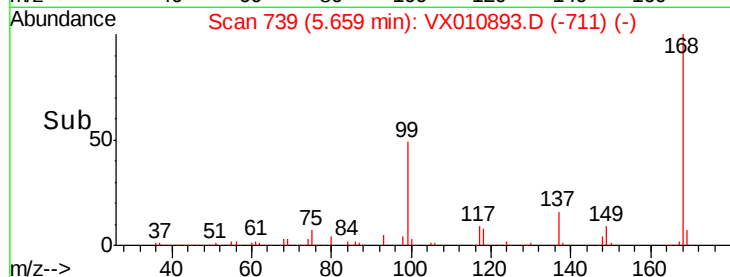
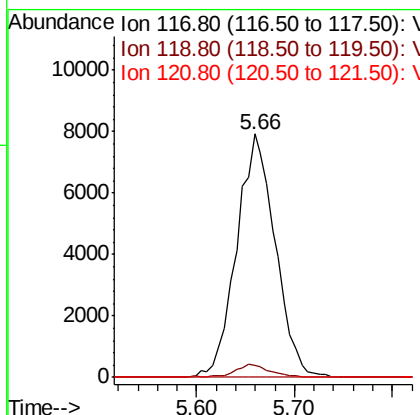
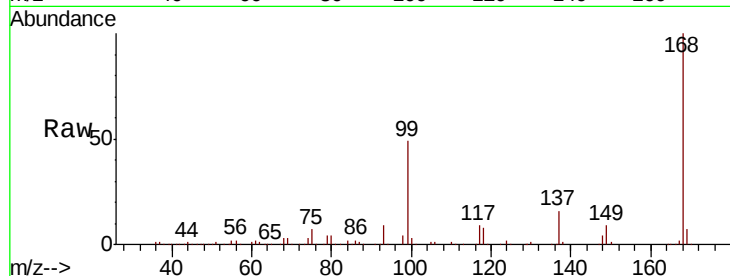




#38
Carbon Tetrachloride
Concen: 6.895 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

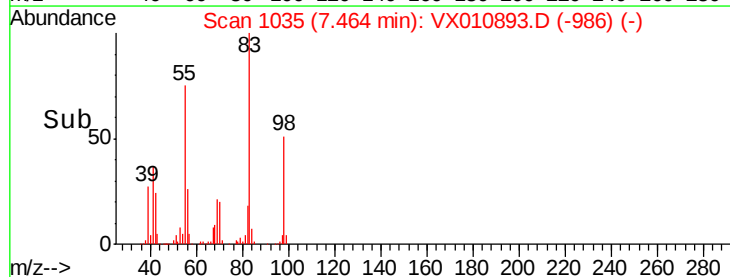
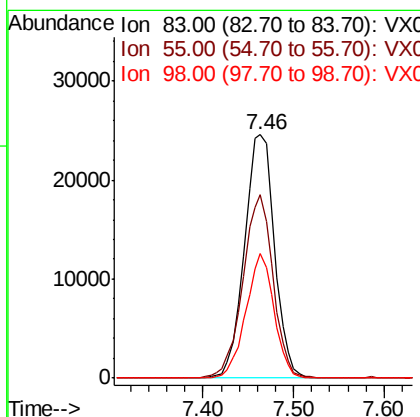
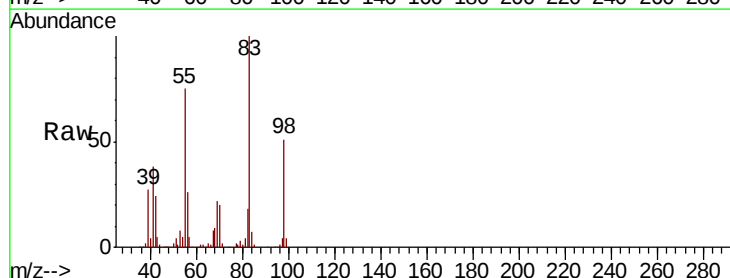
Instrument :
MSVOA_X
ClientSampled :
FL- 0594DL

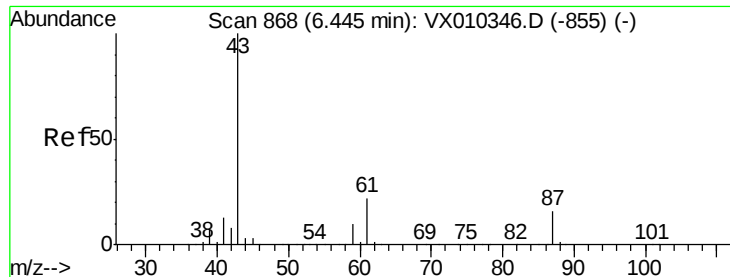
Tot Ion:117 Resp: 21722
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.4#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 14.774 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion: 83 Resp: 56499
Ion Ratio Lower Upper
83 100
55 75.3 53.0 79.6
98 51.3 37.8 56.8





#43

Isopropyl Acetate

Concen: 0.246 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

FL- 0594DL

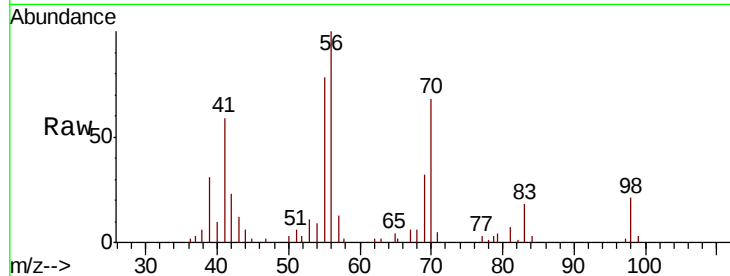
Tot Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

61 3.4 17.8 26.6#

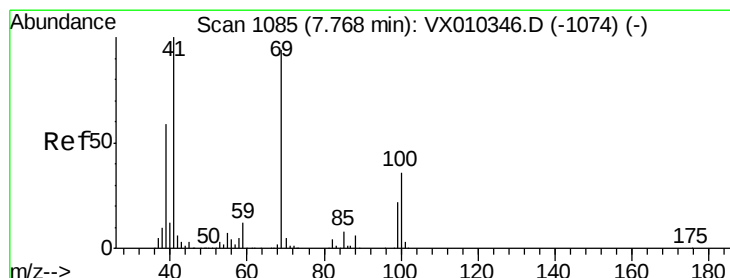
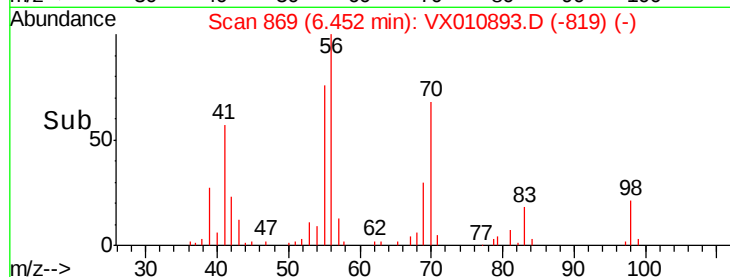
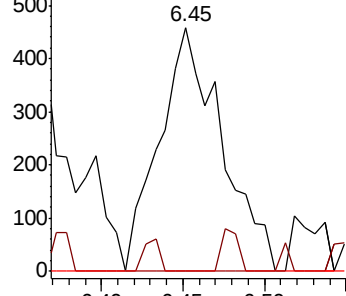
87 0.0 13.0 19.4#



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: 1.710 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

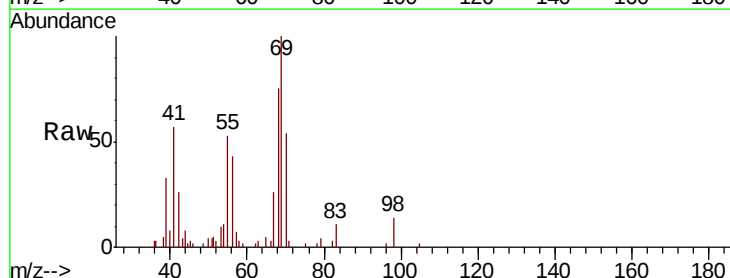
Tgt Ion: 41 Resp: 3935

Ion Ratio Lower Upper

41 100

69 149.8 76.1 114.1#

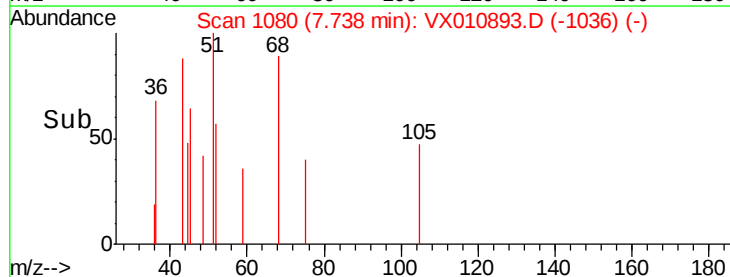
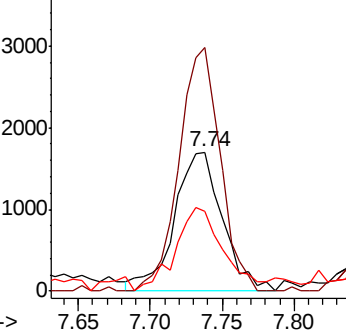
39 59.9 47.6 71.4

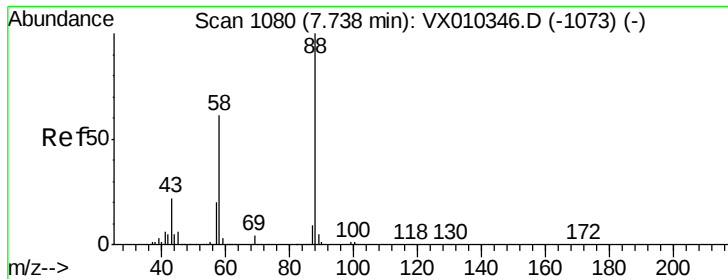


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

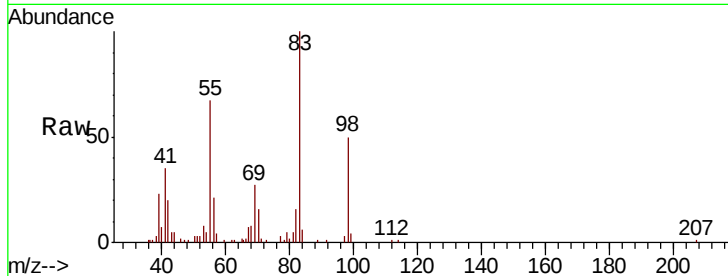




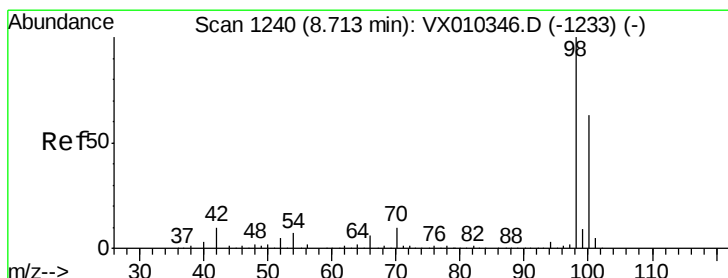
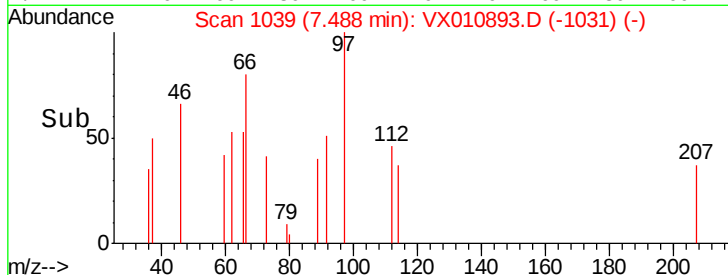
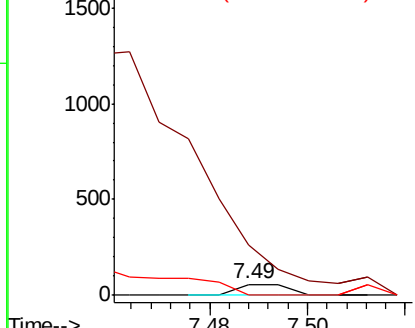
#49
1,4-Dioxane
Concen: 0.633 ug/l
RT: 7.49 min Scan# 1039
Delta R.T. -0.25 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Instrument :
MSVOA_X
ClientSampled :
FL- 0594DL

Tot Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

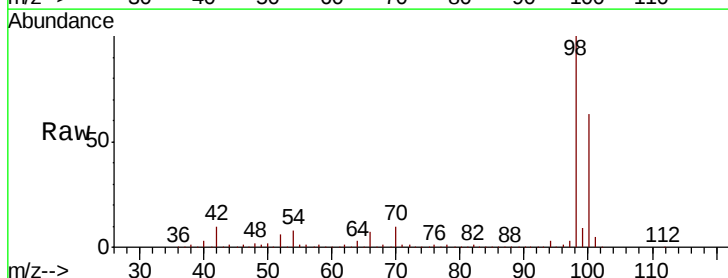


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

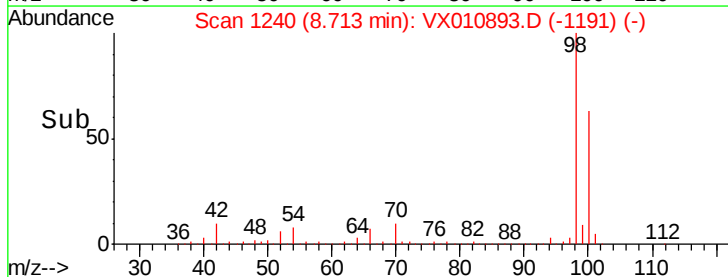
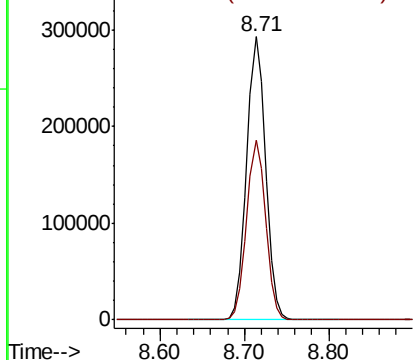


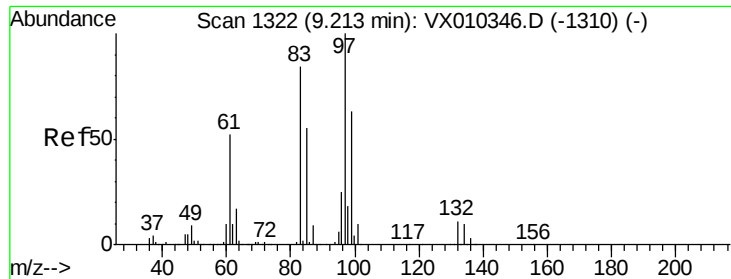
#50
Toluene-d8
Concen: 51.378 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion: 98 Resp: 440291
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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





#55

1,1,2-Trichloroethane

Concen: 1.059 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampleID :

FL- 0594DL

Tot Ion: 97 Resp: 2606

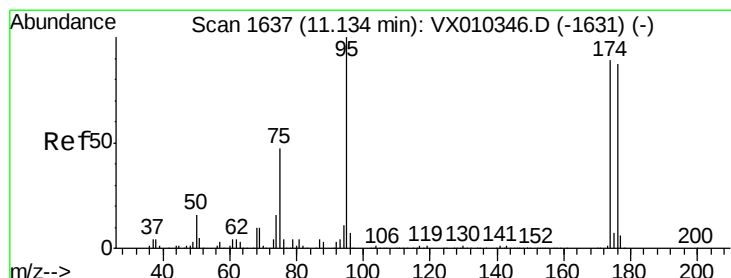
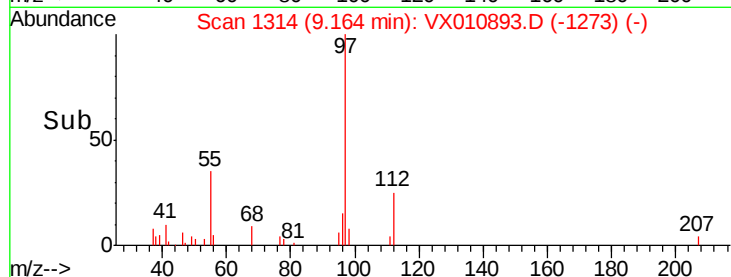
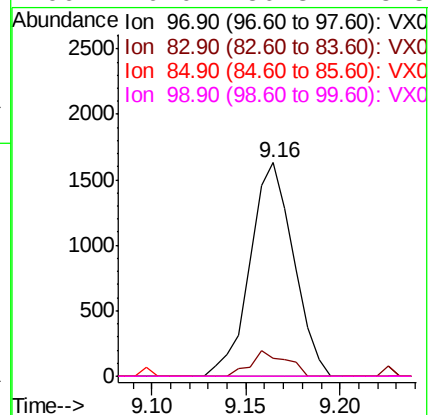
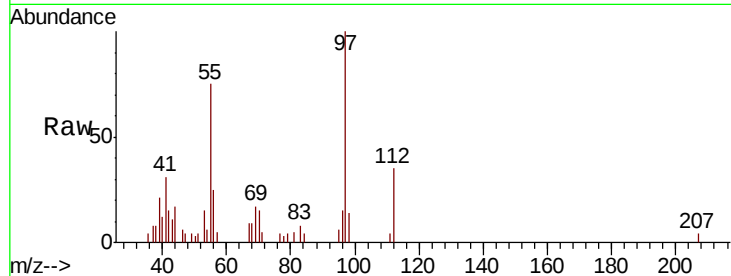
Ion Ratio Lower Upper

97 100

83 8.4 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#



#62

4-Bromofluorobenzene

Concen: 50.979 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

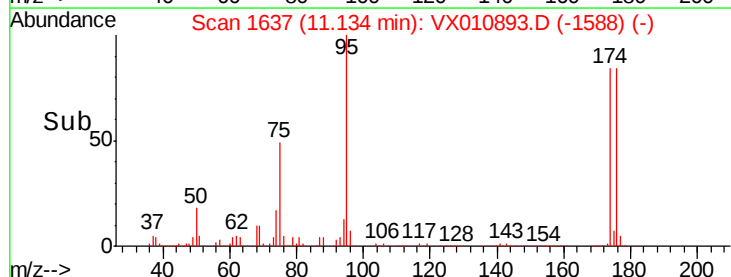
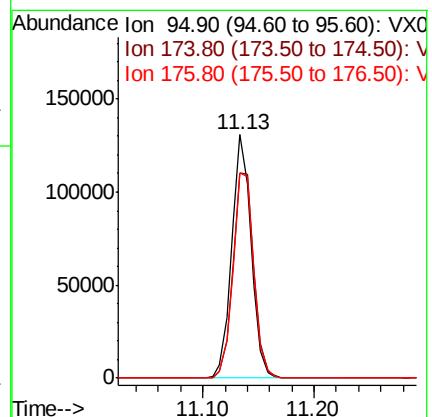
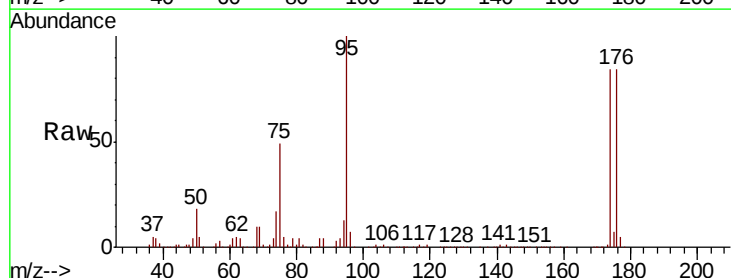
Tgt Ion: 95 Resp: 157724

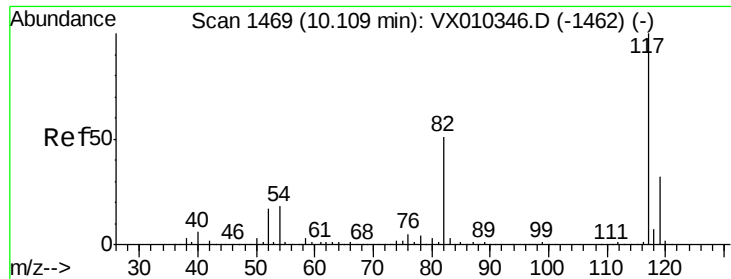
Ion Ratio Lower Upper

95 100

174 90.9 0.0 187.6

176 89.1 0.0 184.0

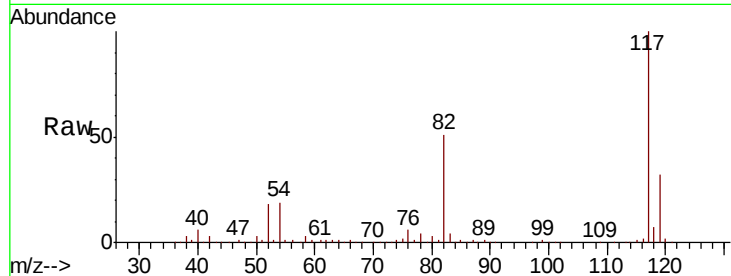




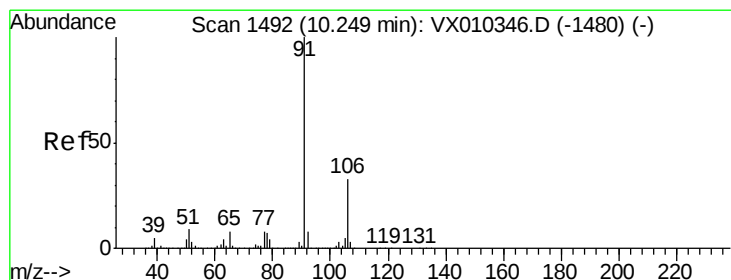
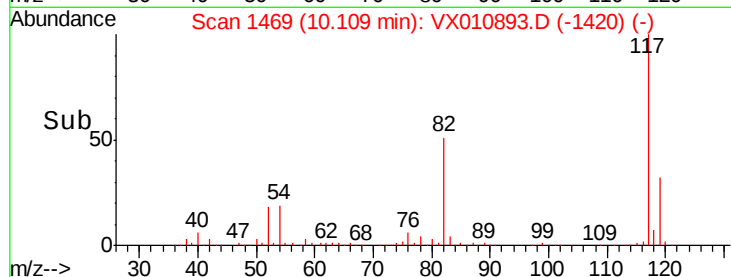
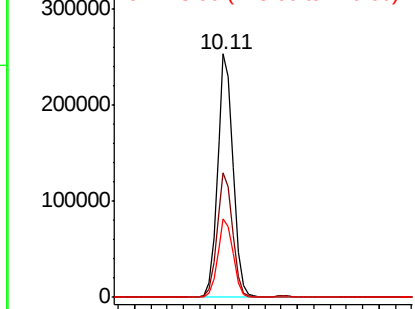
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Instrument :
MSVOA_X
ClientSampleId :
FL- 0594DL

Tot Ion:117 Resp: 339737
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.4 25.5 38.3

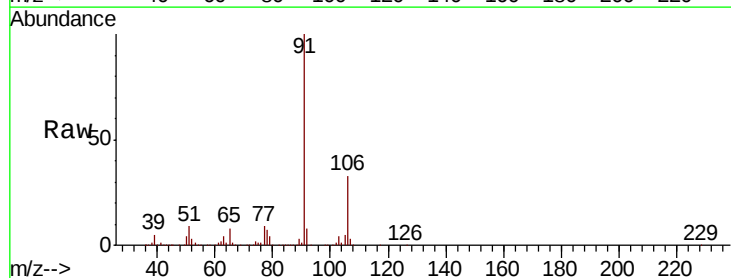


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

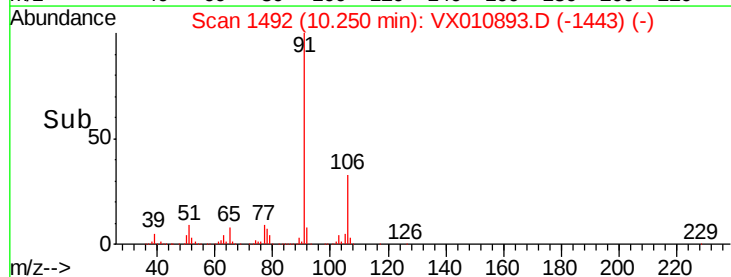
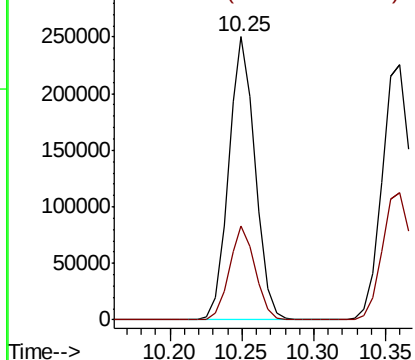


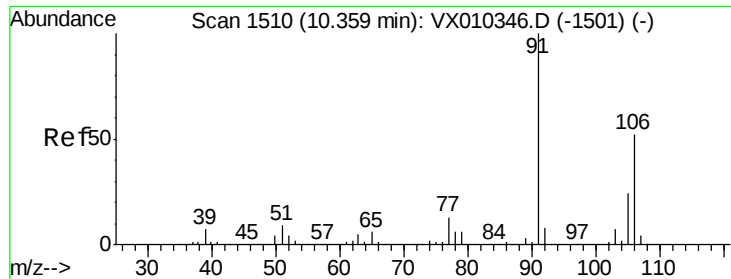
#67
Ethyl Benzene
Concen: 27.636 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion: 91 Resp: 321803
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2



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

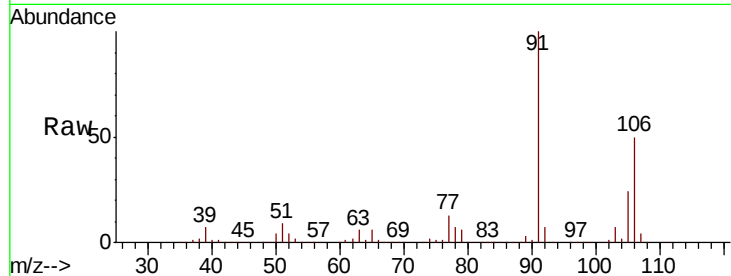




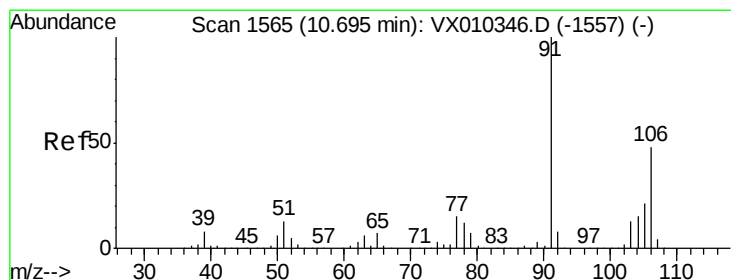
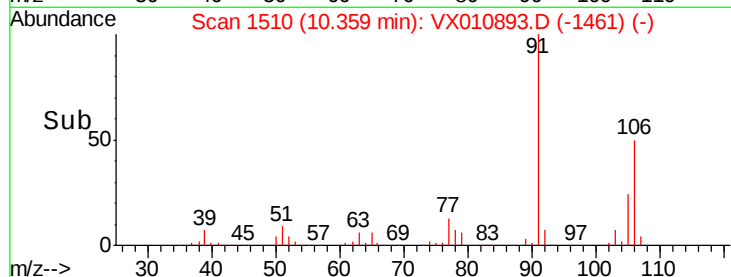
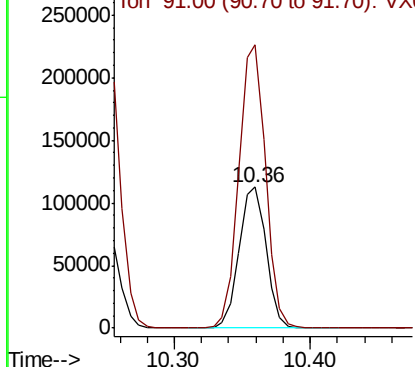
#68
m/p-Xvlenes
Concen: 34.443 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Instrument :
MSVOA_X
ClientSampled :
FL- 0594DL

Tot Ion:106 Resp: 155403
Ion Ratio Lower Upper
106 100
91 199.6 155.3 232.9

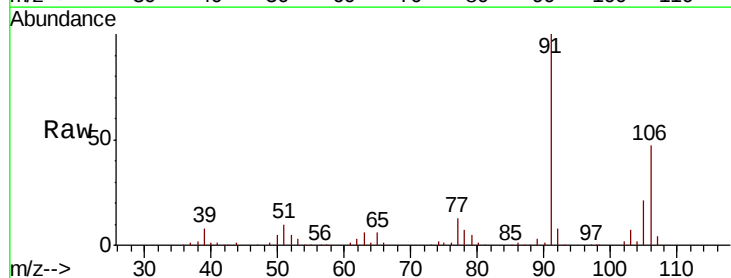


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

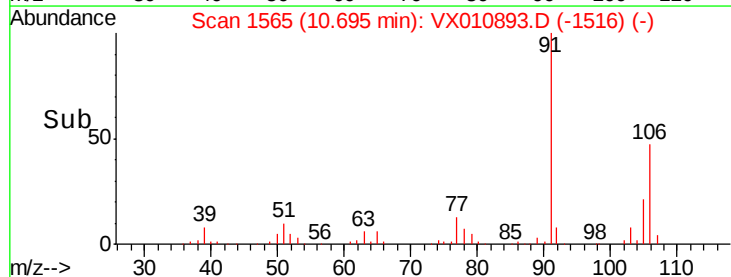
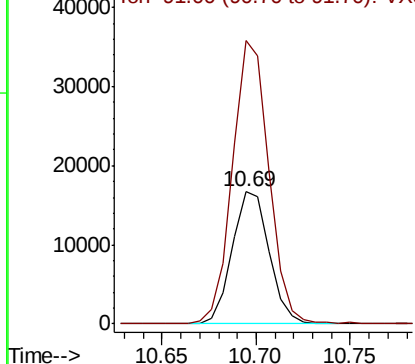


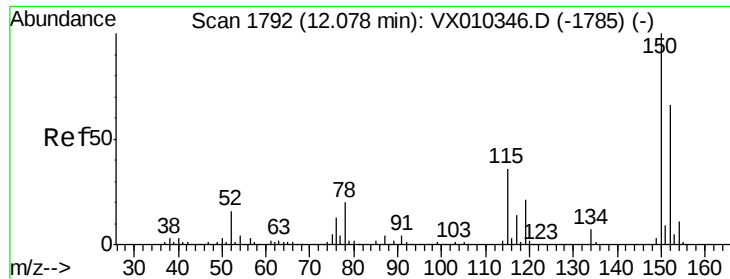
#69
o-Xylene
Concen: 5.164 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion:106 Resp: 22911
Ion Ratio Lower Upper
106 100
91 210.1 102.7 308.1



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



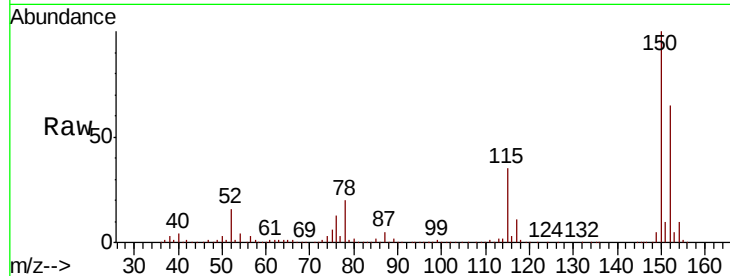


#72

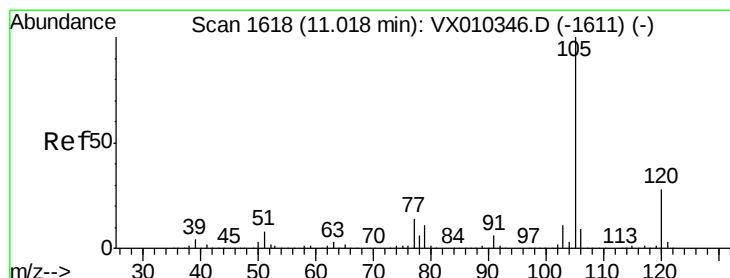
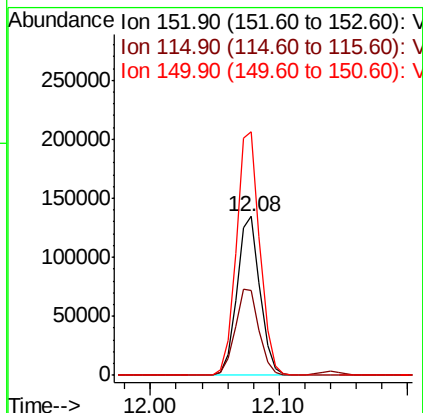
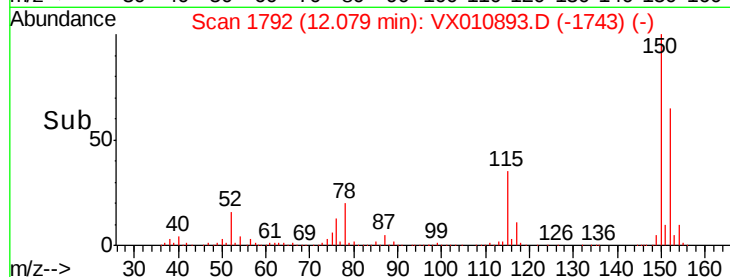
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Instrument :
MSVOA_X
ClientSampled :
FL- 0594DL

Tot Ion:152 Resp: 166664
Ion Ratio Lower Upper
152 100
115 55.8 38.6 115.7
150 156.8 0.0 347.4



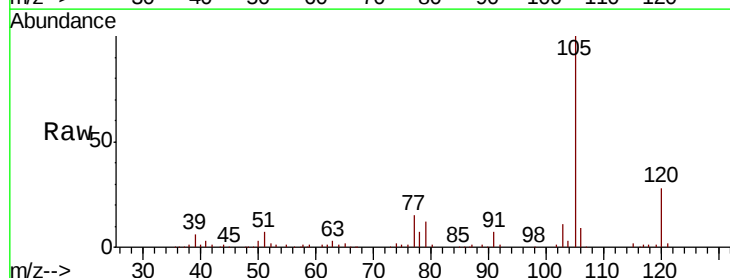
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



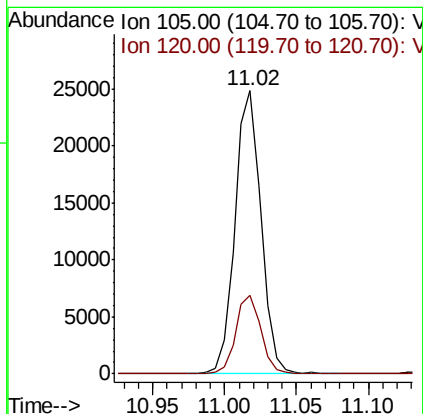
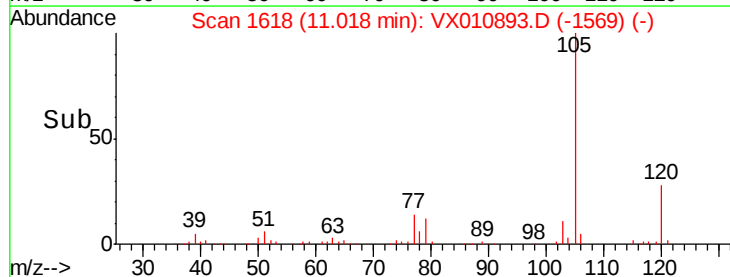
#73

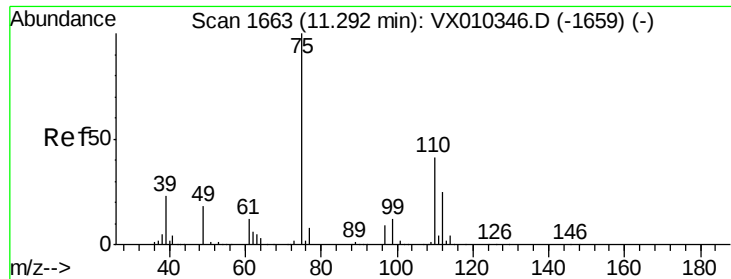
Isopropylbenzene
Concen: 2.768 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion:105 Resp: 31277
Ion Ratio Lower Upper
105 100
120 27.1 14.1 42.4



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





#76

1,2,3-Trichloropropane

Concen: 25.457 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

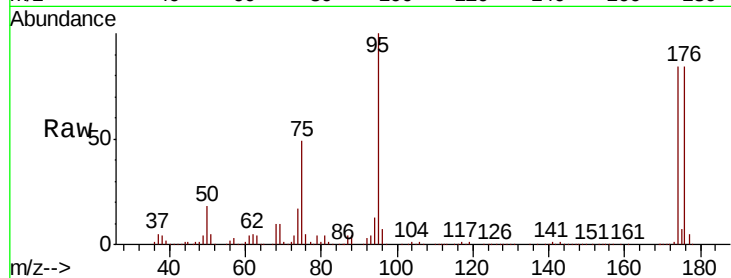
FL- 0594DL

Tot Ion: 75 Resp: 77313

Ion Ratio Lower Upper

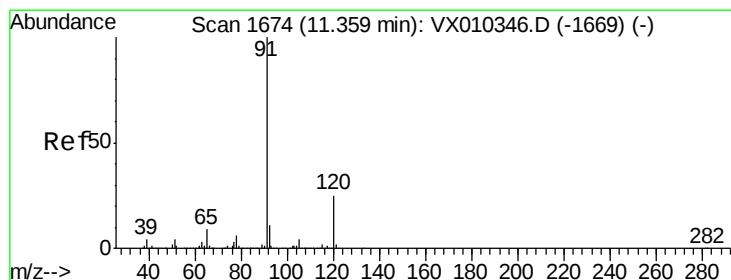
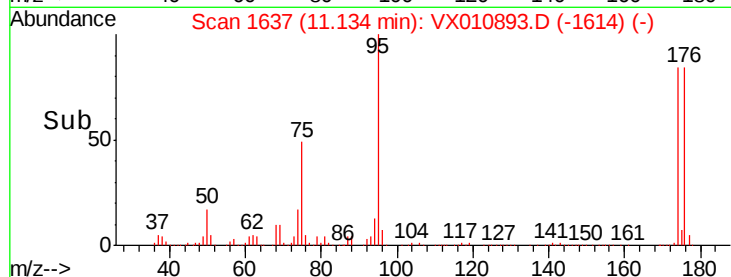
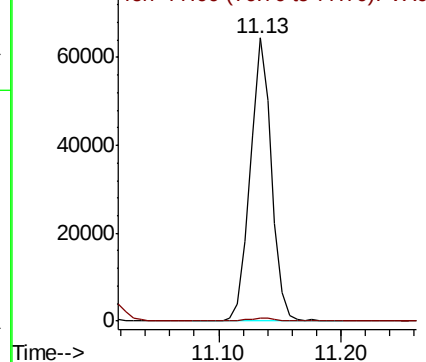
75 100

77 1.2 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: 3.992 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010893.D

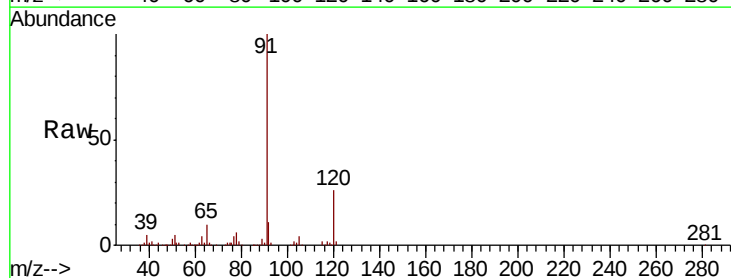
Acq: 15 Jul 2019 18:34

Tgt Ion: 91 Resp: 49562

Ion Ratio Lower Upper

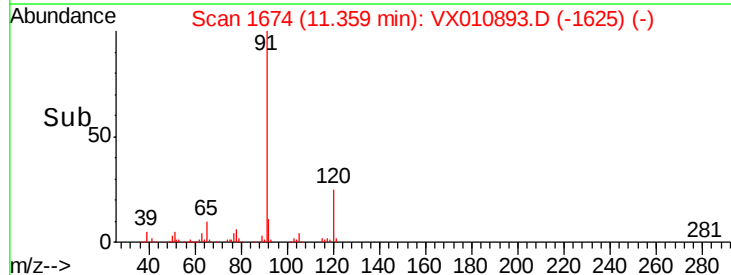
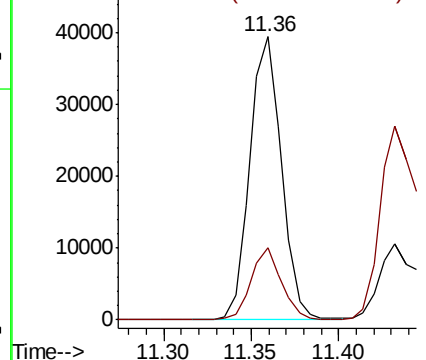
91 100

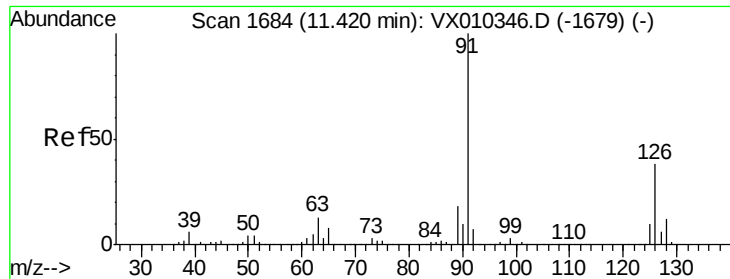
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.735 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

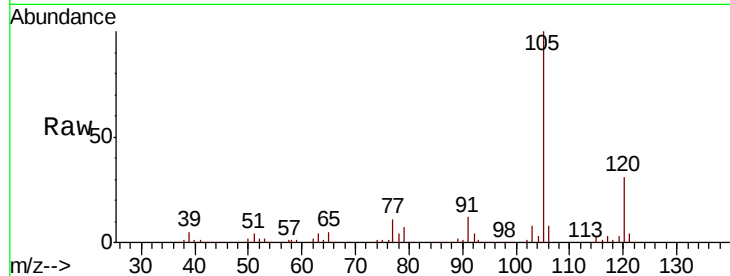
FL- 0594DL

Tot Ion: 91 Resp: 20221

Ion Ratio Lower Upper

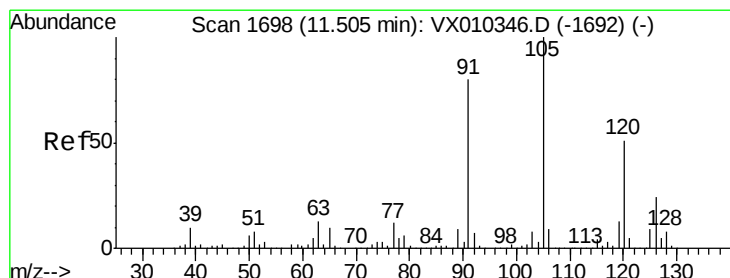
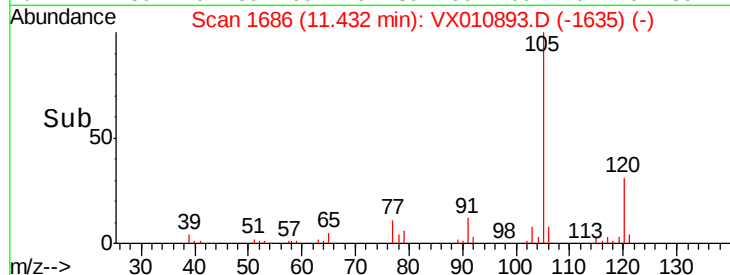
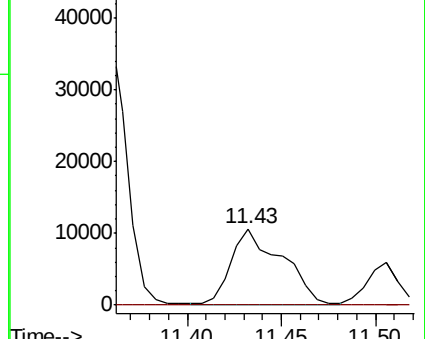
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 6.673 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010893.D

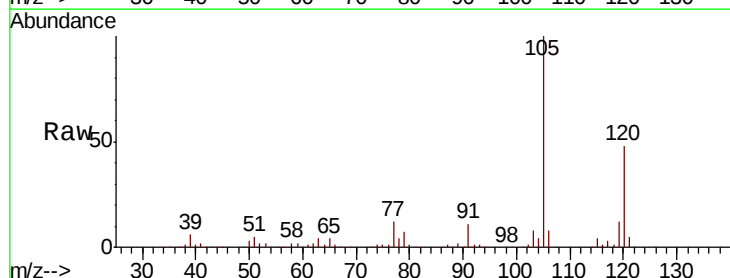
Acq: 15 Jul 2019 18:34

Tgt Ion:105 Resp: 62150

Ion Ratio Lower Upper

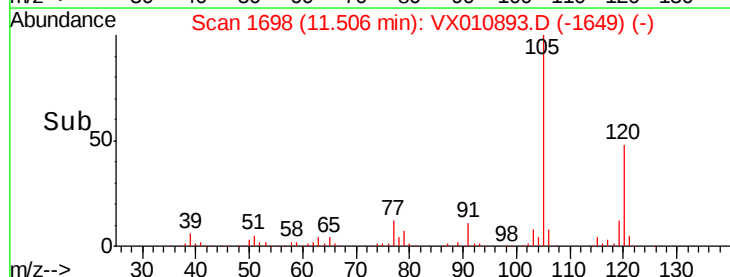
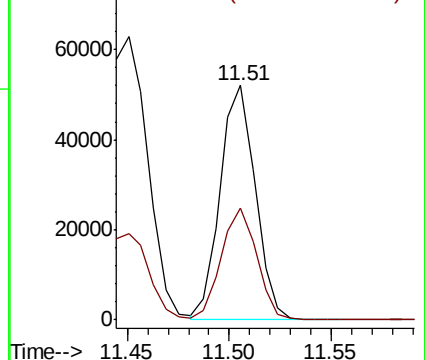
105 100

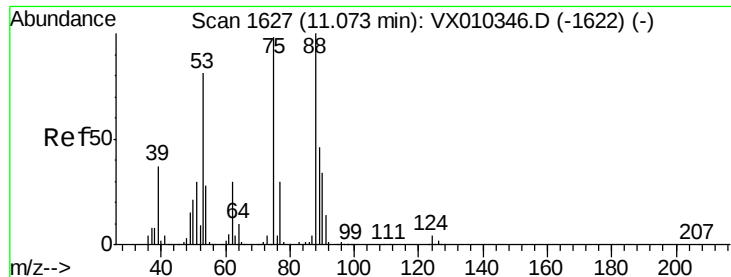
120 48.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

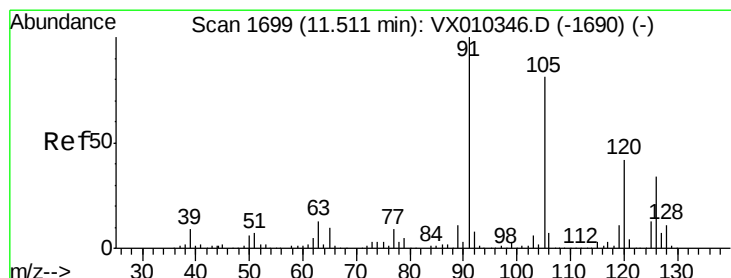
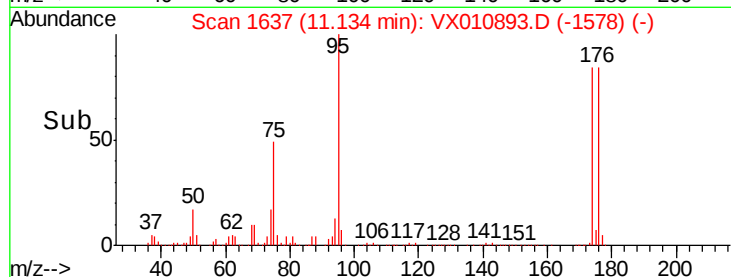
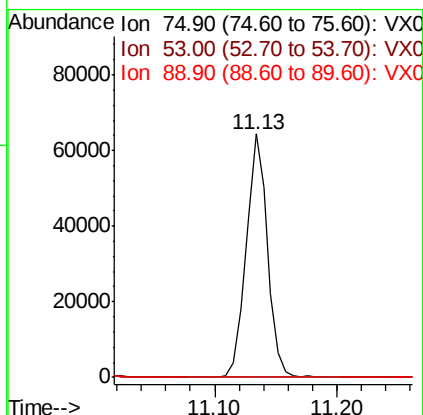
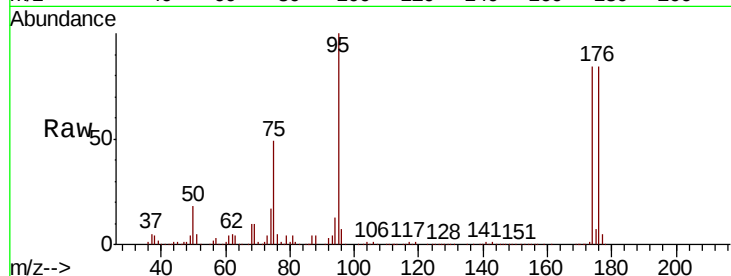




#81
trans-1,4-Dichloro-2-butene
Concen: 59.388 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

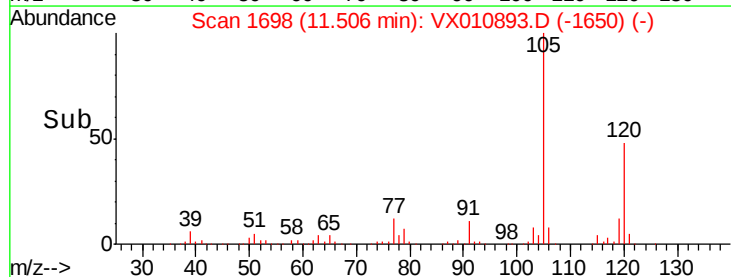
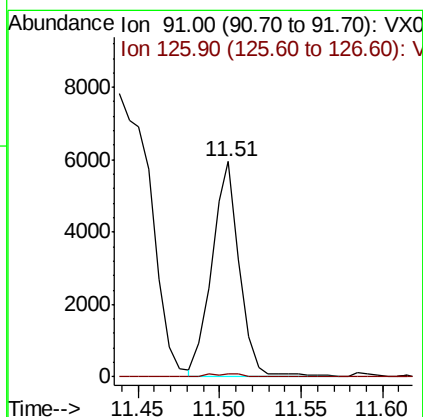
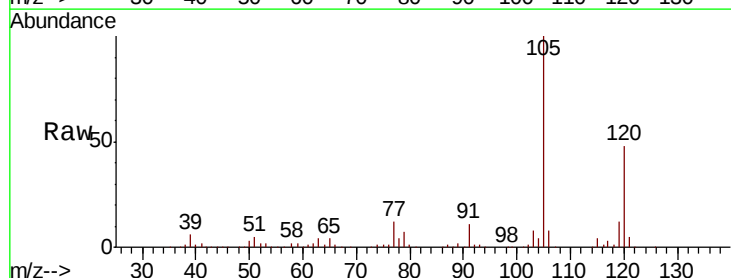
Instrument :
MSVOA_X
ClientSampleId :
FL- 0594DL

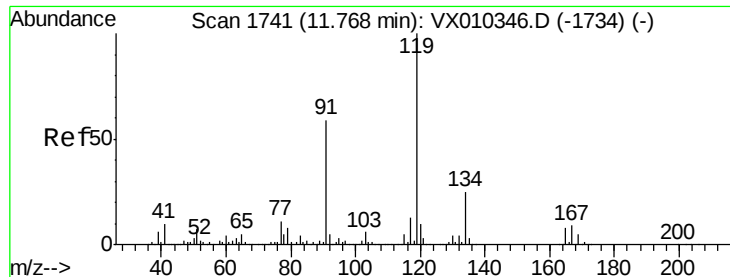
Tot Ion: 75 Resp: 77313
Ion Ratio Lower Upper
75 100
53 0.1 66.1 99.1#
89 0.0 37.8 56.6#



#82
4-Chlorotoluene
Concen: 0.841 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010893.D
Acq: 15 Jul 2019 18:34

Tgt Ion: 91 Resp: 7075
Ion Ratio Lower Upper
91 100
126 1.6 16.2 48.6#





#83

tert-Butylbenzene

Concen: 3.009 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

FL- 0594DL

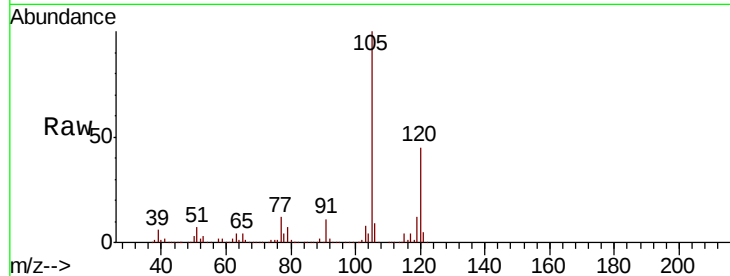
Tot Ion:119 Resp: 28126

Ion Ratio Lower Upper

119 100

91 86.5 27.6 82.7#

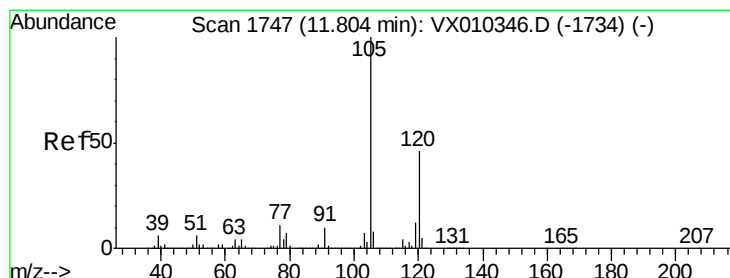
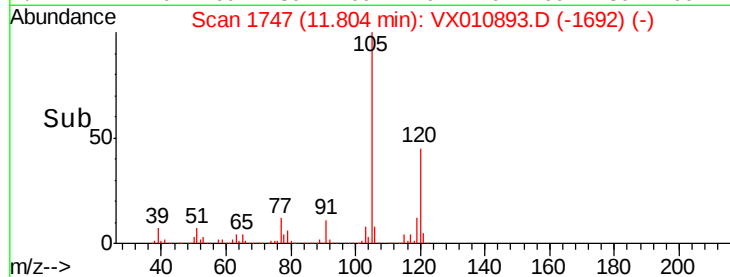
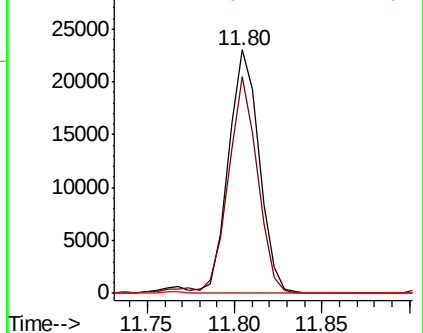
134 0.0 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.237 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010893.D

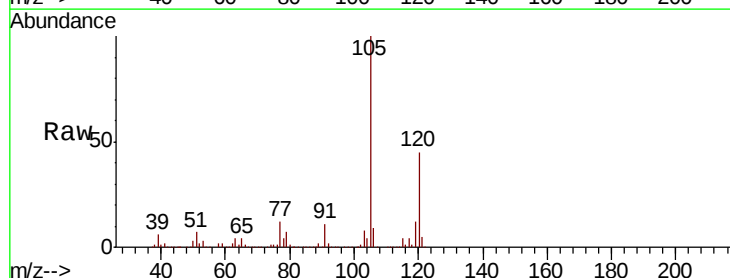
Acq: 15 Jul 2019 18:34

Tgt Ion:105 Resp: 226789

Ion Ratio Lower Upper

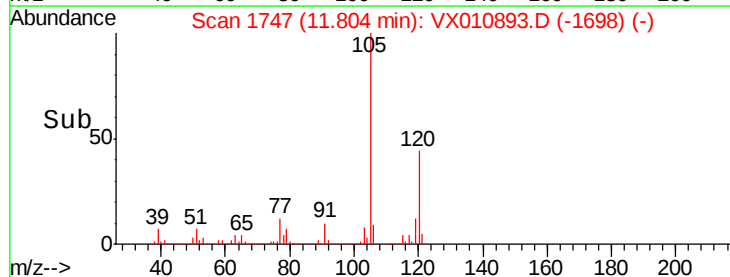
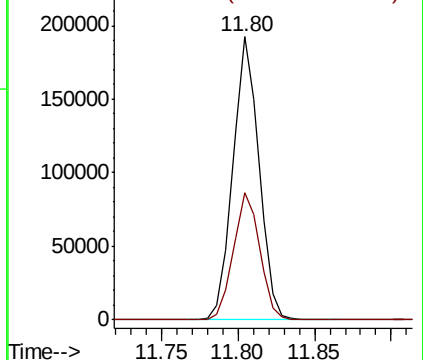
105 100

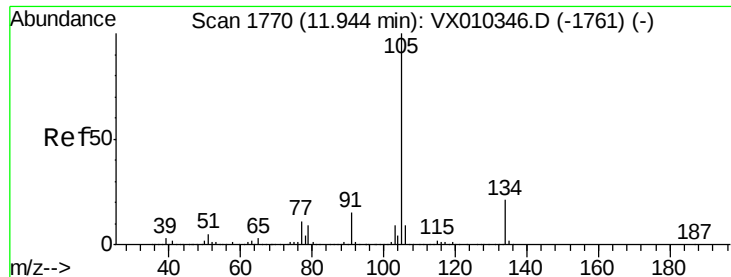
120 45.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

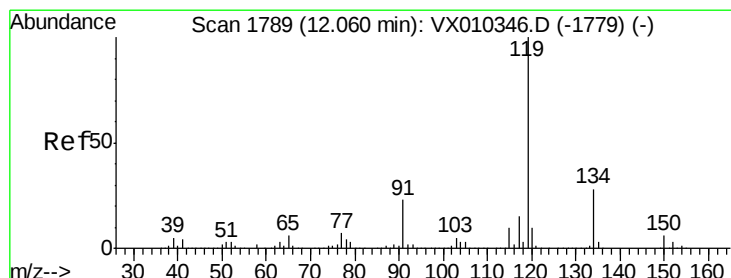
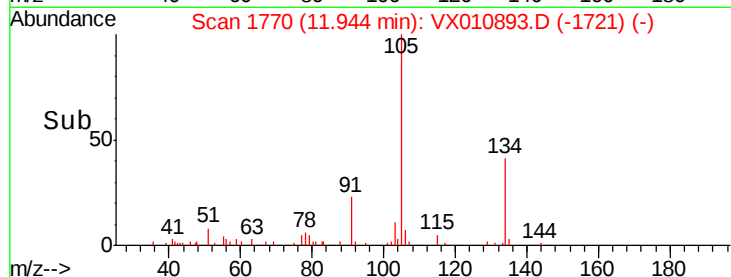
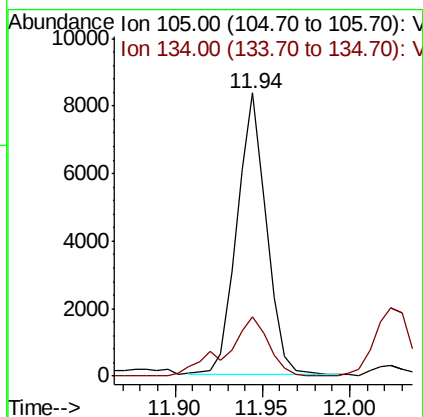
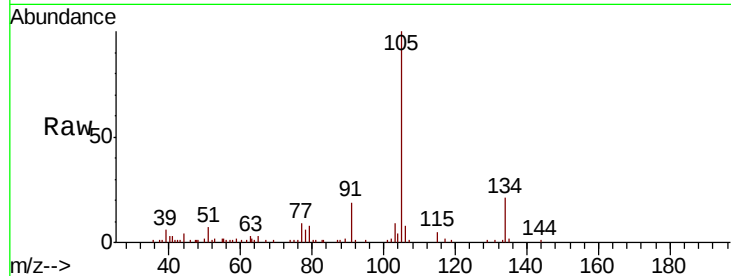




#85
 sec-Butylbenzene
 Concen: 0.880 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010893.D
 Acq: 15 Jul 2019 18:34

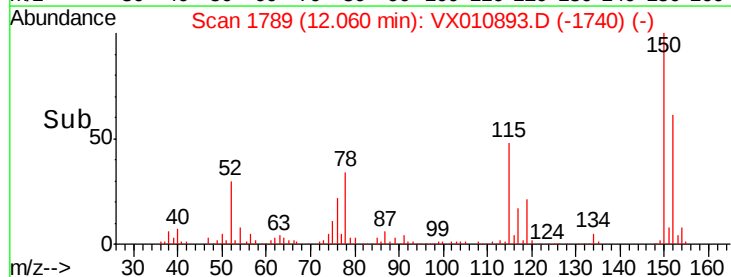
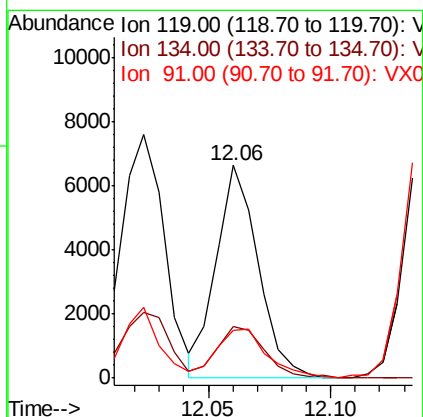
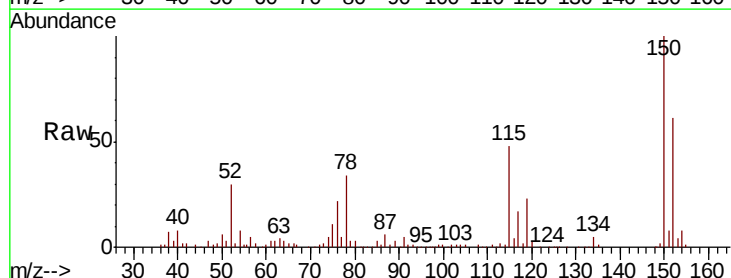
Instrument :
 MSVOA_X
 ClientSampleID :
 FL- 0594DL

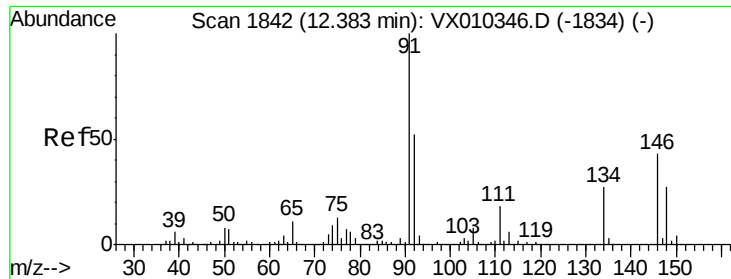
Tot Ion:105 Resp: 9656
 Ion Ratio Lower Upper
 105 100
 134 30.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 0.782 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010893.D
 Acq: 15 Jul 2019 18:34

Tgt Ion:119 Resp: 7938
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.7 41.1
 91 28.0 11.3 33.8





#89

n-Butylbenzene

Concen: 1.243 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010893.D

Acq: 15 Jul 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

FL- 0594DL

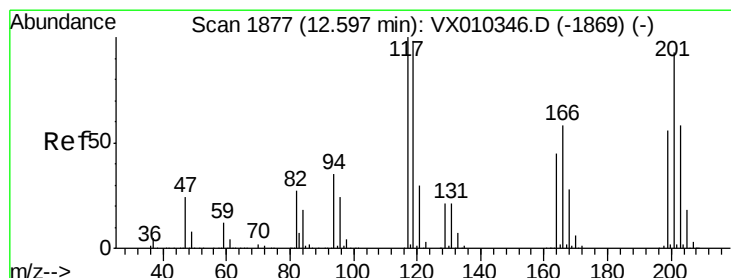
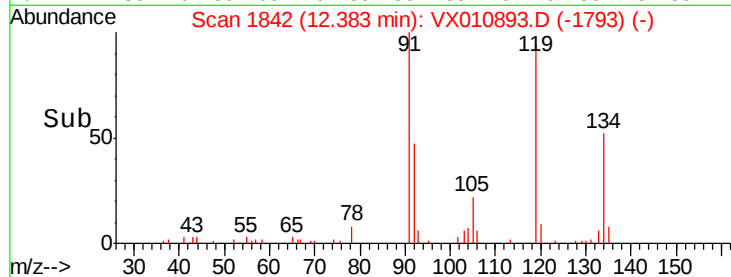
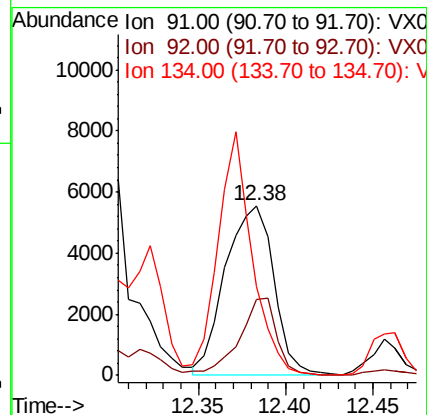
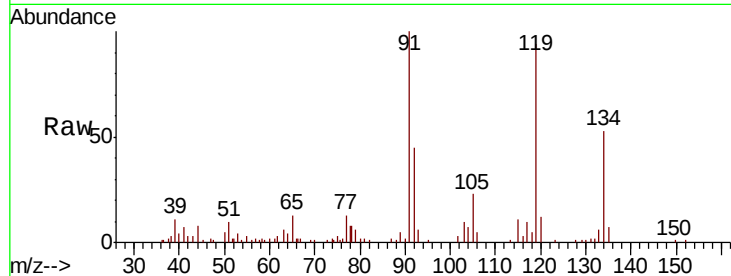
Tot Ion: 91 Resp: 10724

Ion Ratio Lower Upper

91 100

92 34.5 26.2 78.5

134 101.4 14.1 42.4#



#90

Hexachloroethane

Concen: 1.271 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010893.D

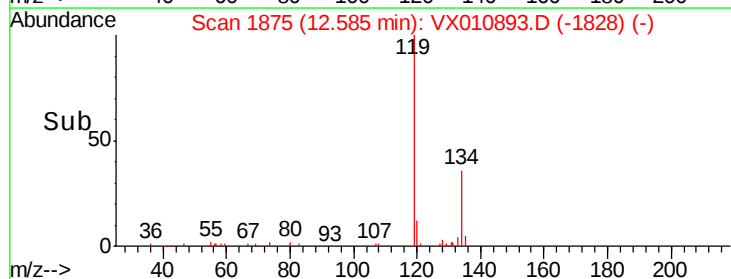
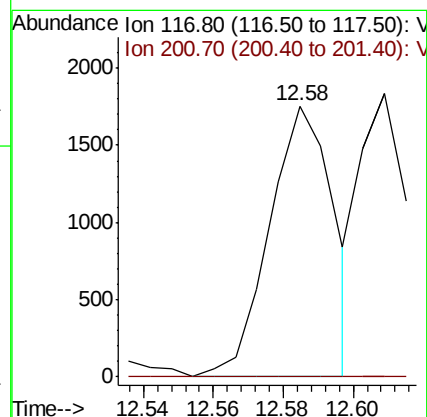
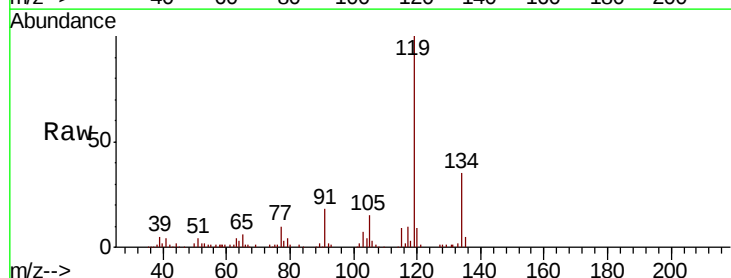
Acq: 15 Jul 2019 18:34

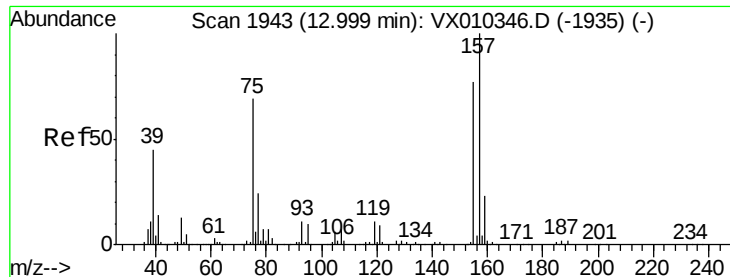
Tgt Ion: 117 Resp: 2231

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#

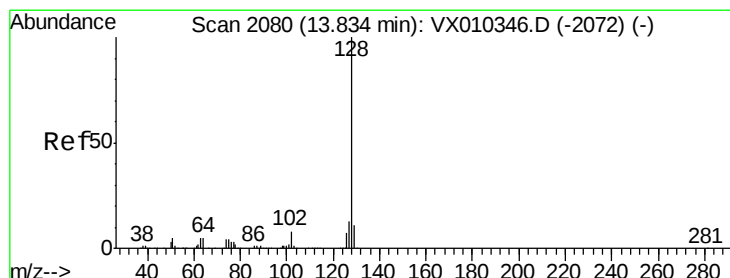
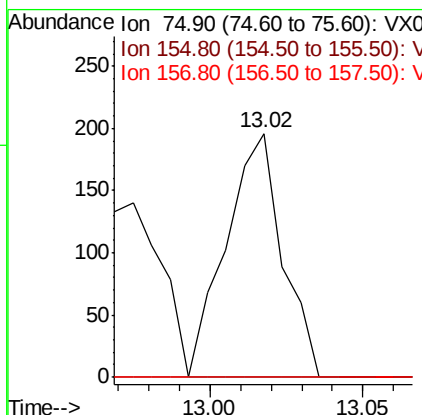
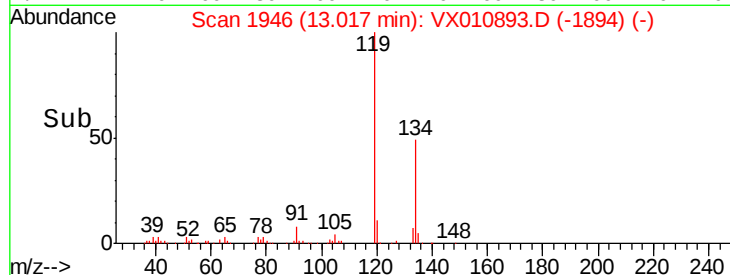
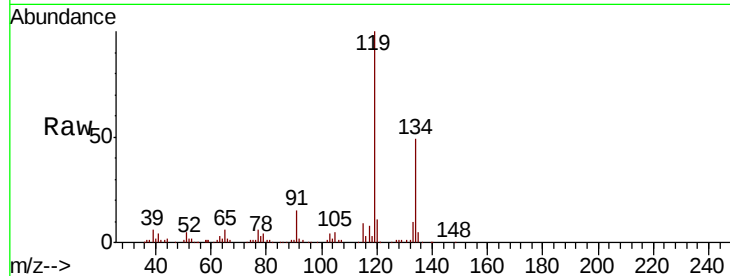




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.311 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010893.D
 Acq: 15 Jul 2019 18:34

Instrument :
 MSVOA_X
 ClientSampleID :
 FL- 0594DL

Tot Ion: 75 Resp: 251
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 5.080 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010893.D
 Acq: 15 Jul 2019 18:34

Tgt Ion:128 Resp: 59246
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.4
 129 11.3 8.9 13.3

