

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010845.D
 Acq On : 12 Jul 2019 18:46
 Operator : JC/SP
 Sample : K3786-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0591

Quant Time: Jul 13 01:42:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148533	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	109493	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	
35) Dibromofluoromethane	5.50	113	102742	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	8.71	98	403832	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	139556	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	849	0.494	ug/l	94
5) Bromomethane	1.65	94	523	0.571	ug/l #	60
6) Chloroethane	1.68	64	267	0.241	ug/l #	47
11) Tert butyl alcohol	3.02	59	3746	7.197	ug/l #	74
13) Acrolein	2.29	56	79	0.229	ug/l #	1
14) Allyl chloride	2.61	41	1050	0.402	ug/l #	61
15) Acrylonitrile	3.18	53	2069	2.008	ug/l #	49
16) Acetone	2.45	43	2386	2.393	ug/l	95
18) Methyl Acetate	2.84	43	14731	7.414	ug/l #	48
20) Methylene Chloride	2.86	84	604	0.294	ug/l #	52
31) Cyclohexane	5.58	56	44891	15.624	ug/l	96
36) 1,1-Dichloropropene	5.65	75	14062	5.243	ug/l #	38
38) Carbon Tetrachloride	5.66	117	19504	6.715	ug/l #	14
39) Methylcyclohexane	7.46	83	73130	20.742	ug/l	99
43) Isopropyl Acetate	6.46	43	1520	0.333	ug/l #	63
48) Methyl methacrylate	7.73	41	3066	1.445	ug/l #	52
49) 1,4-Dioxane	7.74	88	24	0.393	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3521	1.551	ug/l #	19
56) Ethyl methacrylate	9.16	69	736	0.214	ug/l #	1
67) Ethyl Benzene	10.25	91	11036	1.046	ug/l	93
68) m/p-Xylenes	10.36	106	6332	1.550	ug/l	100
73) Isopropylbenzene	11.02	105	44419	4.412	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	68041	25.138	ug/l #	33
78) n-propylbenzene	11.36	91	73121	6.608	ug/l	98
79) 2-Chlorotoluene	11.45	91	9280	1.408	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	68406	8.241	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	68041	58.645	ug/l #	16
82) 4-Chlorotoluene	11.51	91	7100	0.947	ug/l #	42
83) tert-Butylbenzene	11.77	119	2160	0.259	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	281138	33.712	ug/l	100
85) sec-Butylbenzene	11.94	105	11068	1.131	ug/l	80
86) p-Isopropyltoluene	12.06	119	8341	0.922	ug/l	92
89) n-Butylbenzene	12.38	91	8869	1.154	ug/l #	34
90) Hexachloroethane	12.58	117	2169	1.386	ug/l #	5

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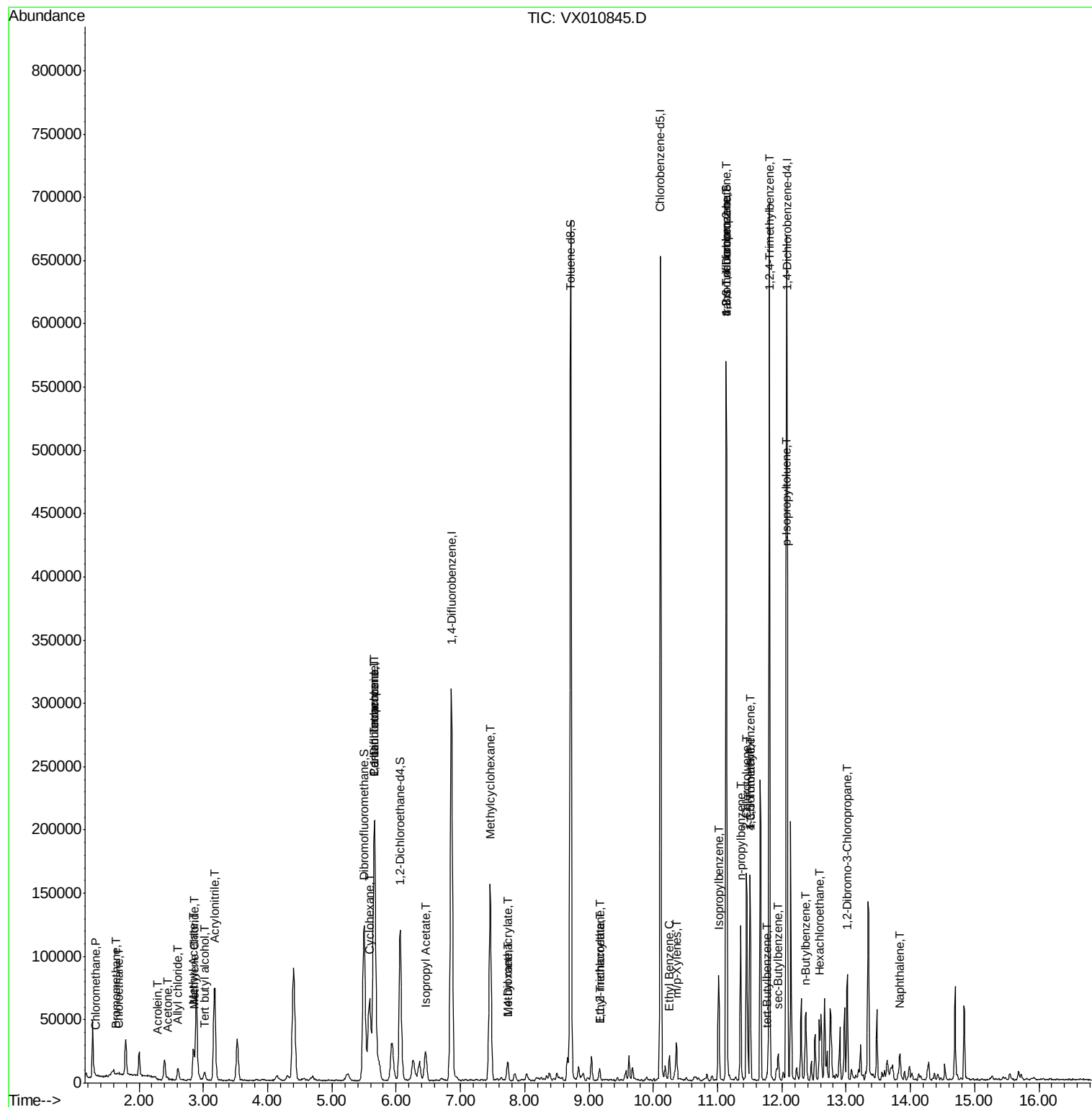
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.01	75	416	0.579	ug/l #	1
95) Naphthalene	13.83	128	12614	1.214	ug/l #	94

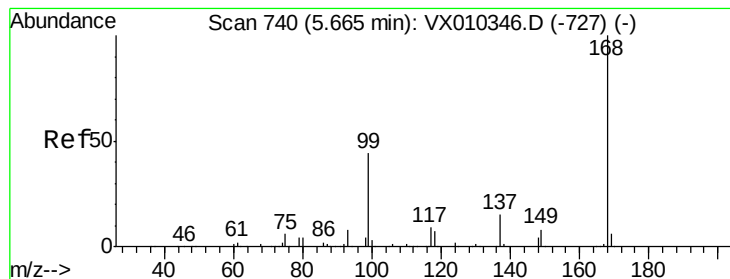
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

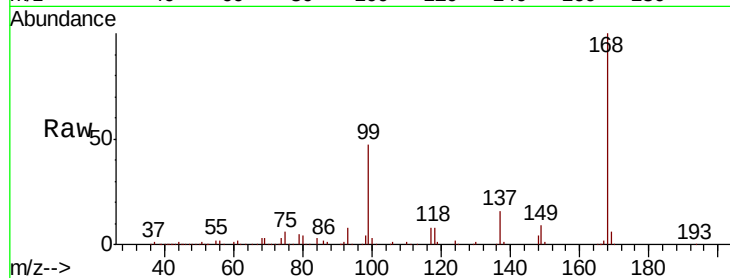
FL-0591

Tot Ion:168 Resp: 212160

Ion Ratio Lower Upper

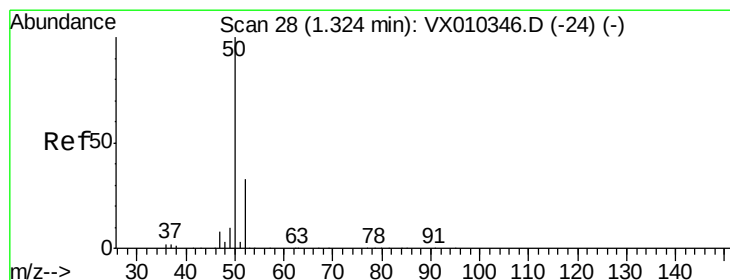
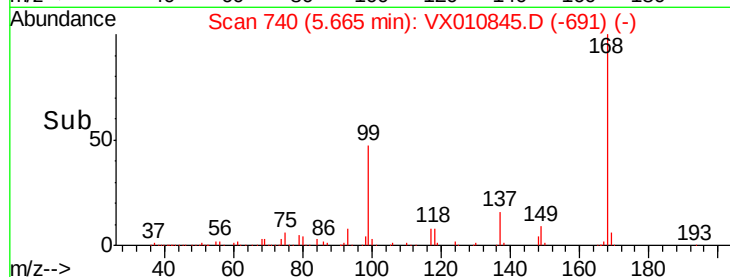
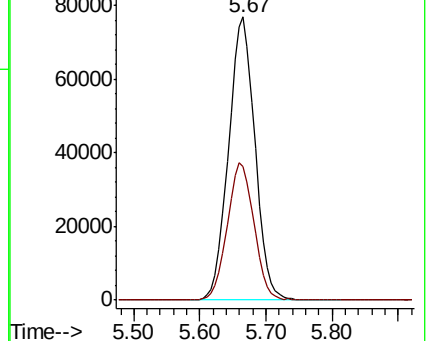
168 100

99 47.1 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: 0.494 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010845.D

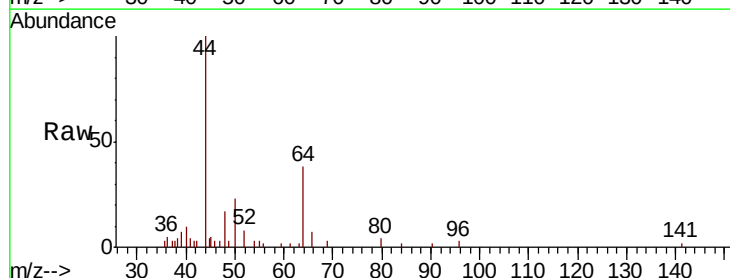
Acq: 12 Jul 2019 18:46

Tgt Ion: 50 Resp: 849

Ion Ratio Lower Upper

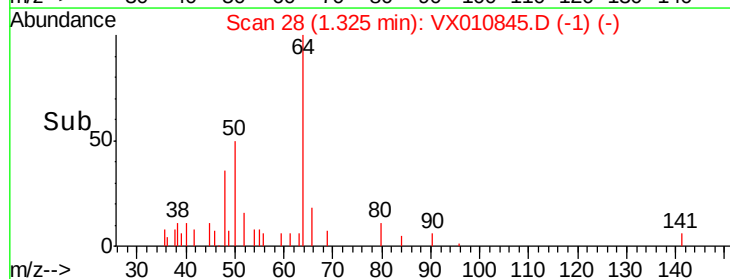
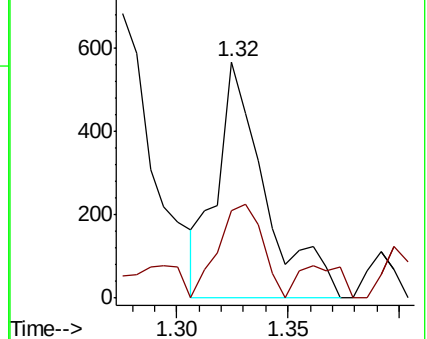
50 100

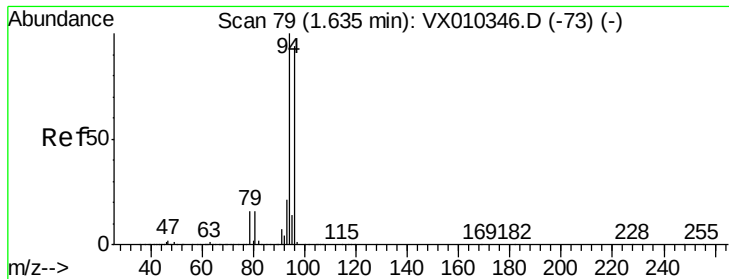
52 36.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.571 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

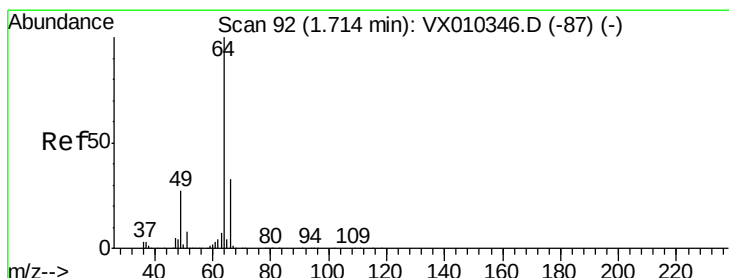
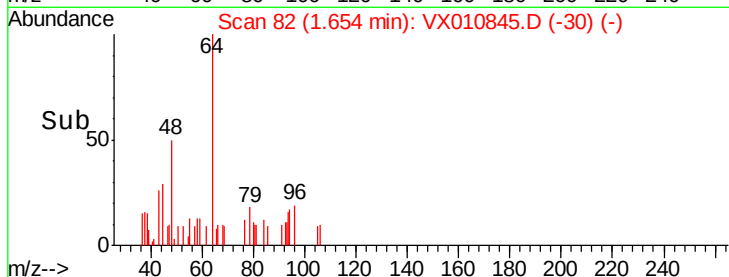
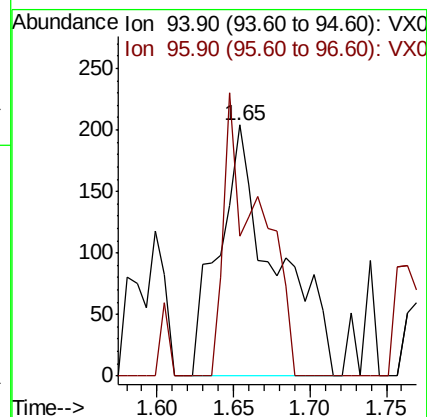
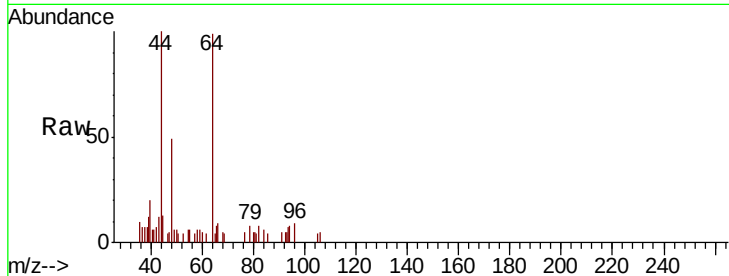
FL-0591

Tot Ion: 94 Resp: 523

Ion Ratio Lower Upper

94 100

96 55.9 75.5 113.3#



#6

Chloroethane

Concen: 0.241 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010845.D

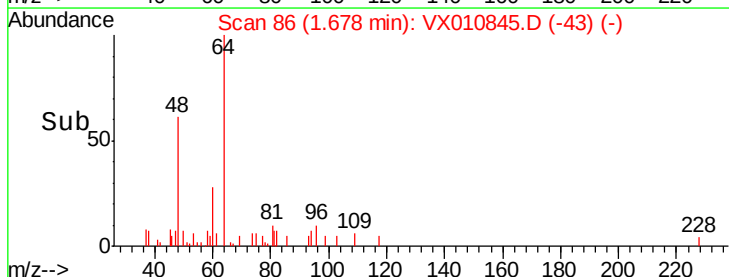
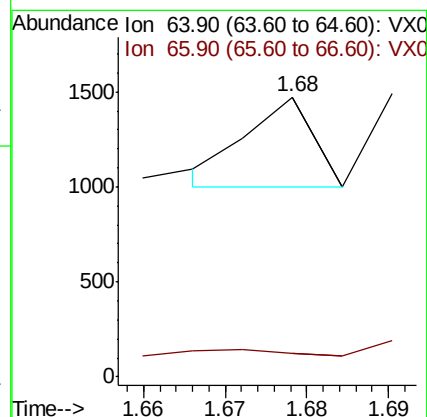
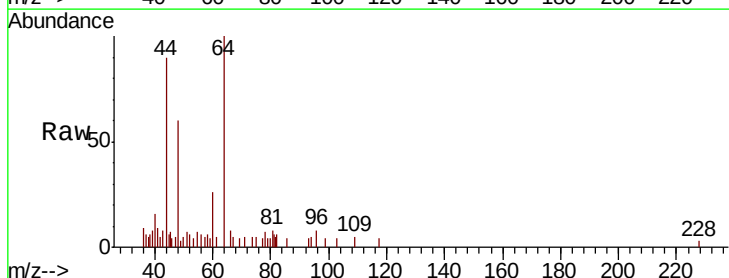
Acq: 12 Jul 2019 18:46

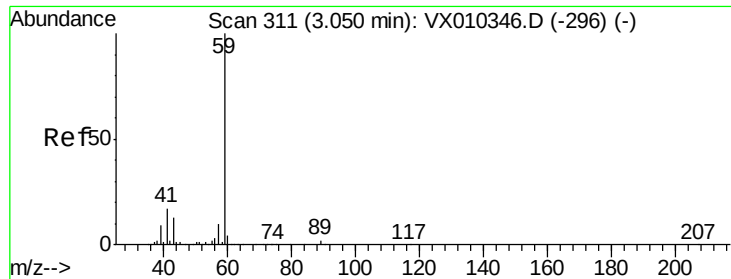
Tgt Ion: 64 Resp: 267

Ion Ratio Lower Upper

64 100

66 3.0 26.6 40.0#

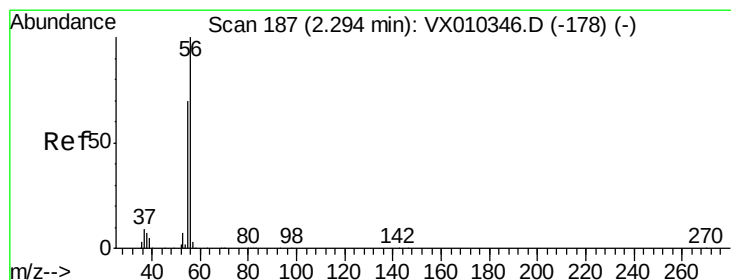
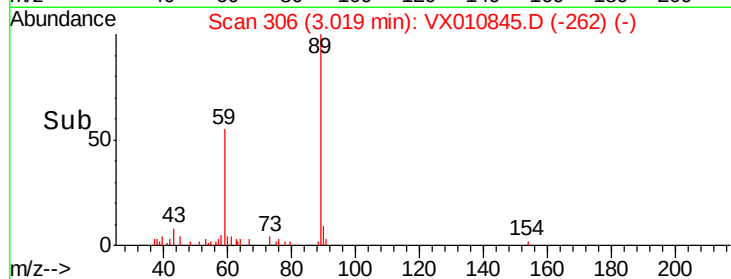
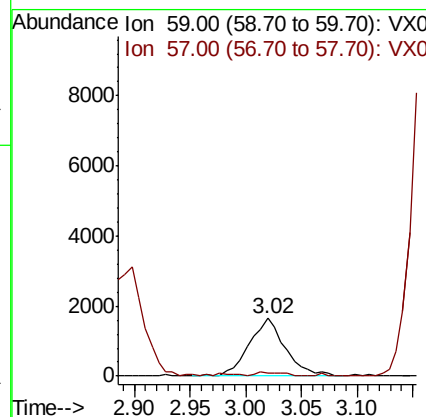
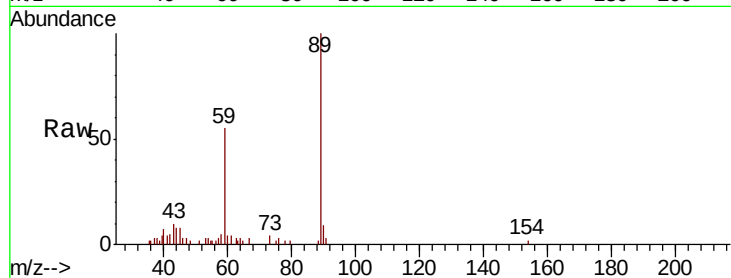




#11
Tert butyl alcohol
Concen: 7.197 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

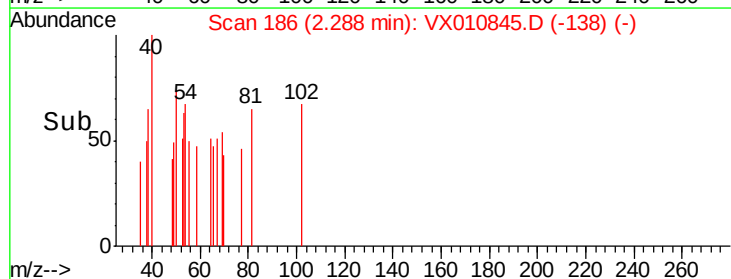
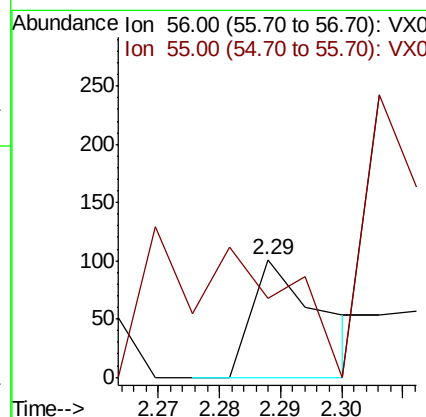
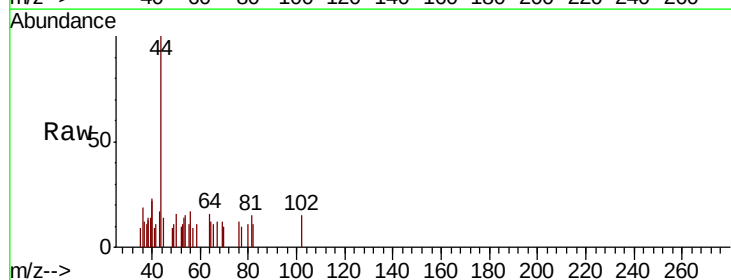
Instrument :
MSVOA_X
ClientSampled :
FL-0591

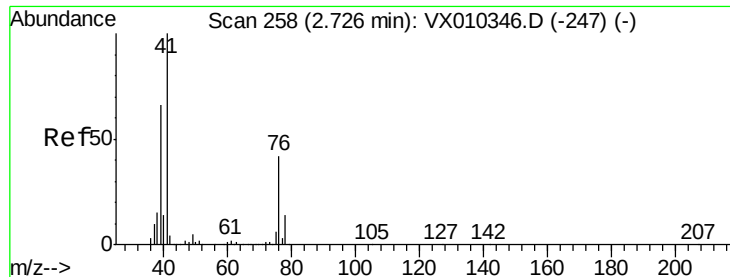
Tot Ion: 59 Resp: 3746
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.229 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 249.4 56.9 85.3#





#14

Allvl chloride

Concen: 0.402 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

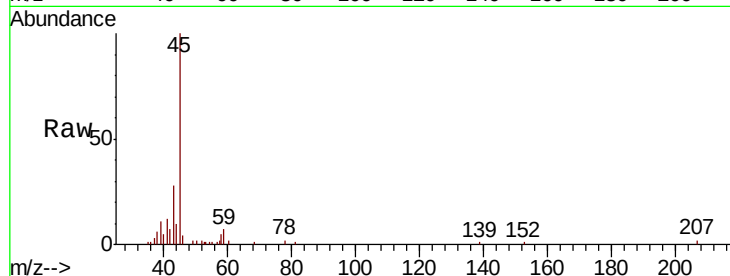
Tot Ion: 41 Resp: 1050

Ion Ratio Lower Upper

41 100

39 81.1 50.3 75.5#

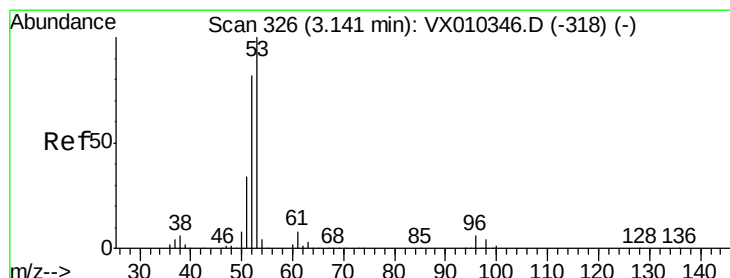
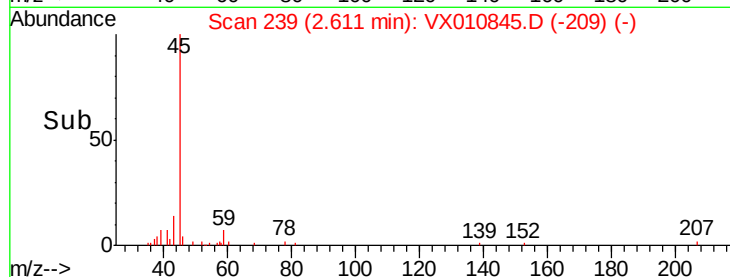
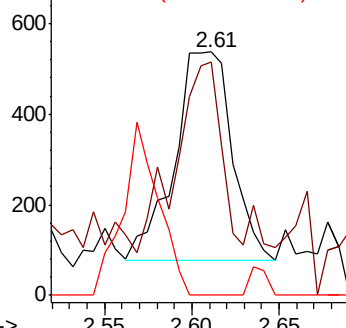
76 0.0 31.3 46.9#



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: 2.008 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

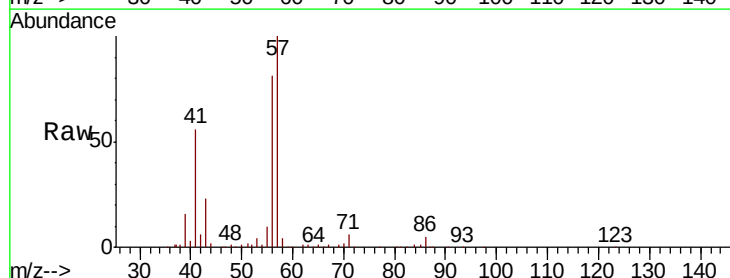
Tgt Ion: 53 Resp: 2069

Ion Ratio Lower Upper

53 100

52 40.6 65.5 98.3#

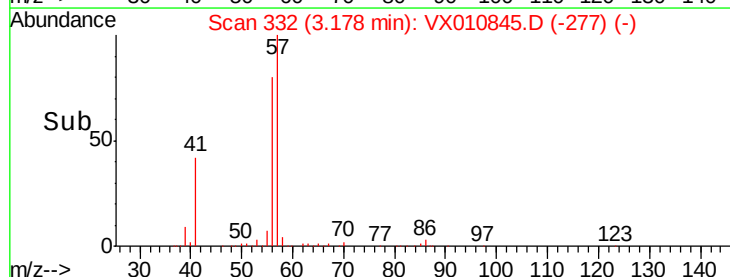
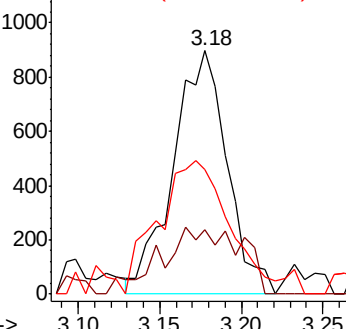
51 71.7 28.2 42.4#

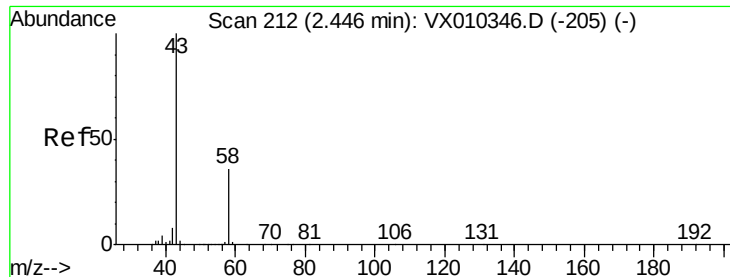


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 2.393 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

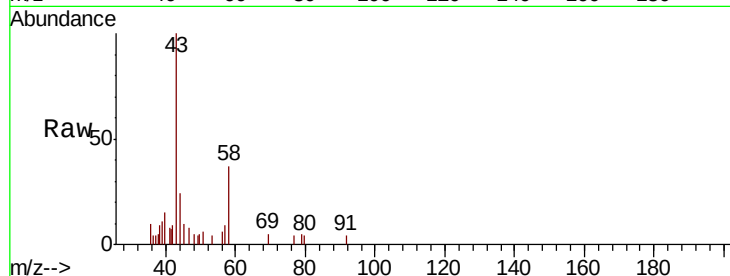
FL-0591

Tot Ion: 43 Resp: 2386

Ion Ratio Lower Upper

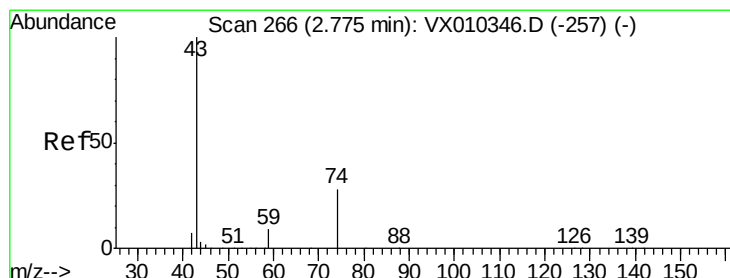
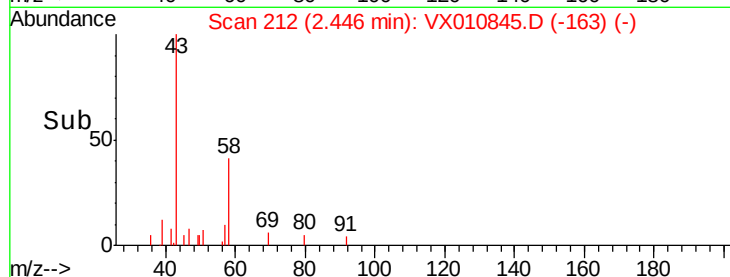
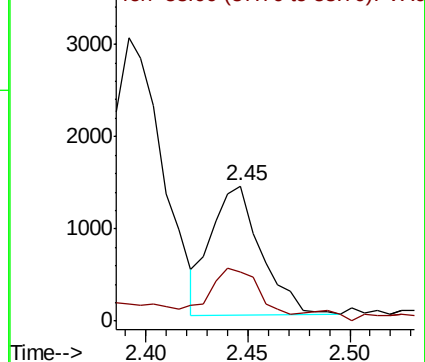
43 100

58 33.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 7.414 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010845.D

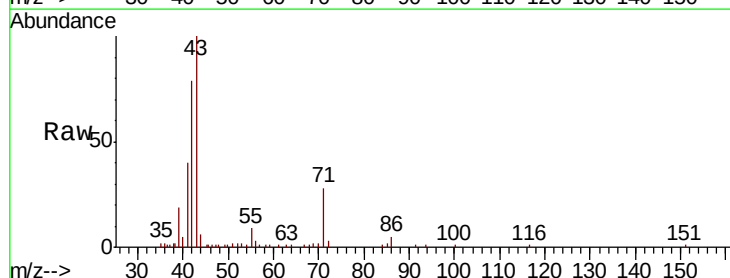
Acq: 12 Jul 2019 18:46

Tgt Ion: 43 Resp: 14731

Ion Ratio Lower Upper

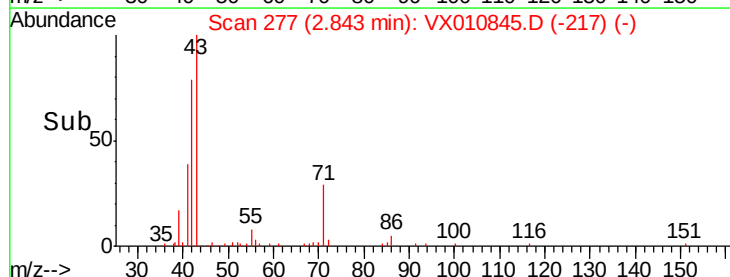
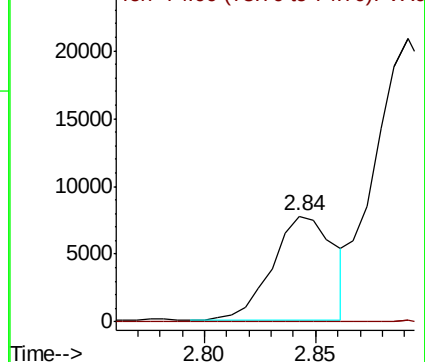
43 100

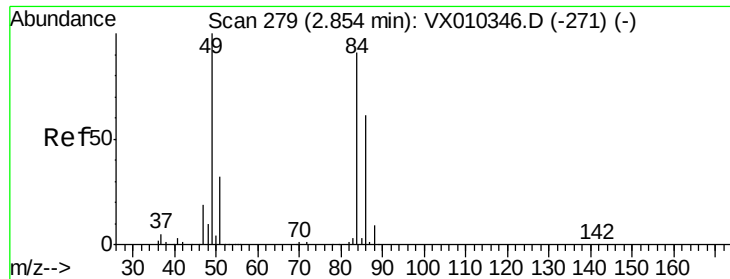
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

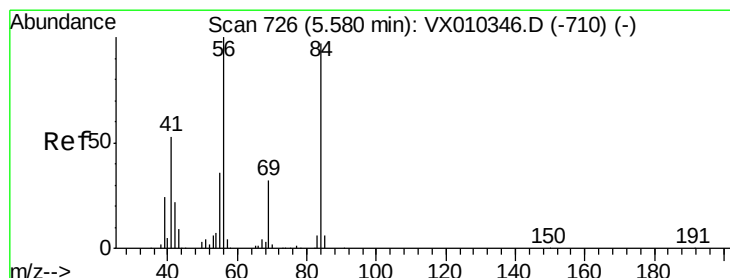
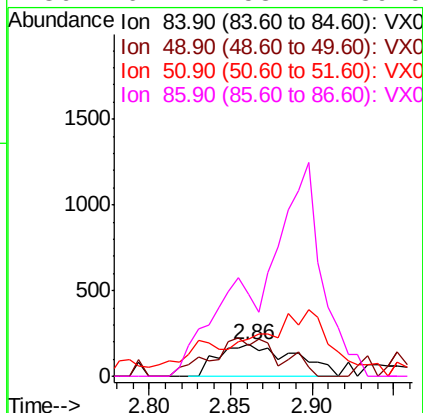
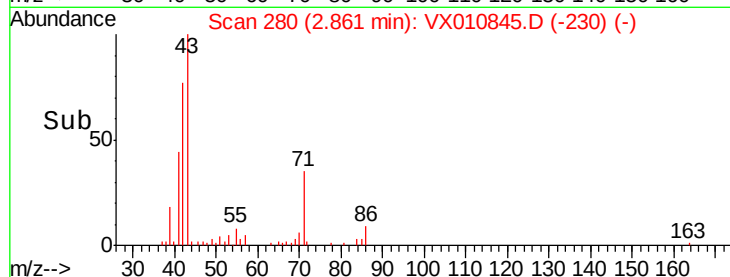
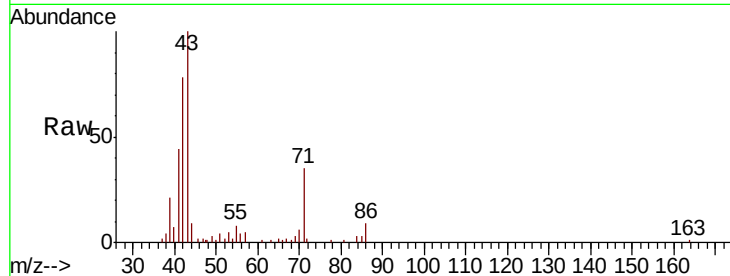




#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

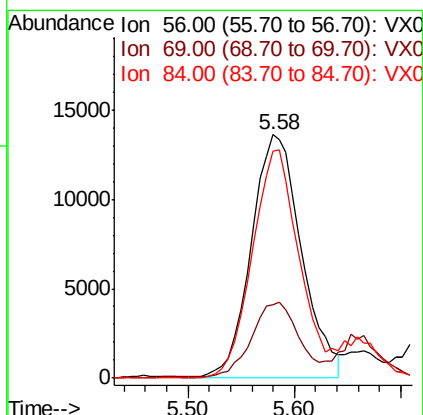
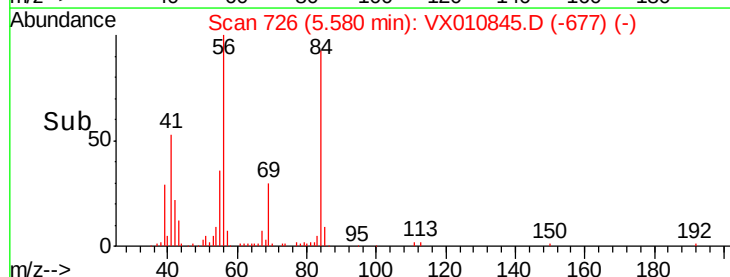
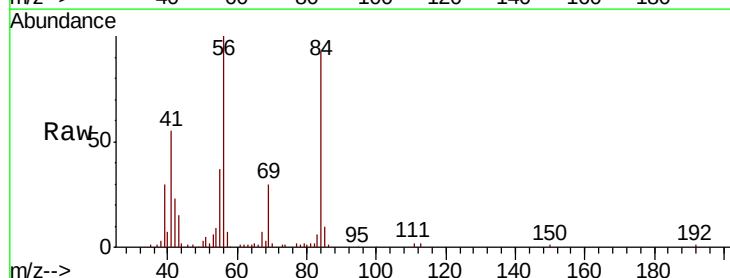
Instrument :
MSVOA_X
ClientSampleId :
FL-0591

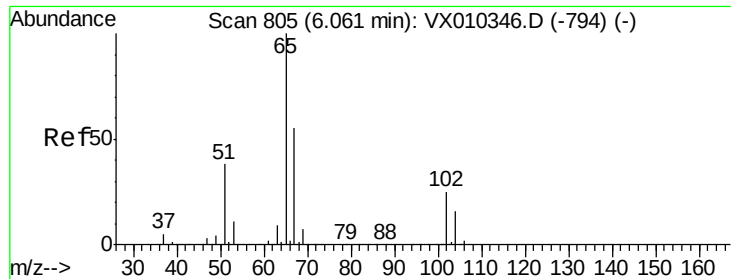
Tot Ion: 84 Resp: 604
Ion Ratio Lower Upper
84 100
49 96.2 87.5 131.3
51 46.5 27.7 41.5#
86 162.7 53.4 80.0#



#31
Cyclohexane
Concen: 15.624 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

Tgt Ion: 56 Resp: 44891
Ion Ratio Lower Upper
56 100
69 29.7 25.9 38.9
84 93.4 78.0 117.0

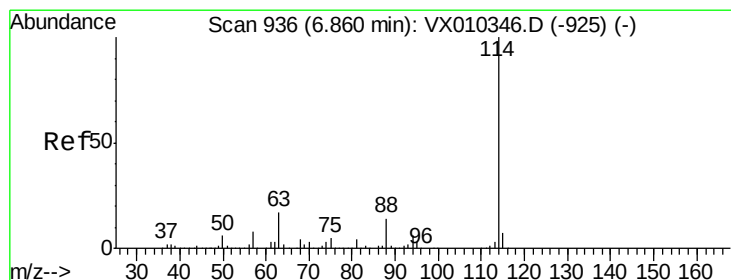
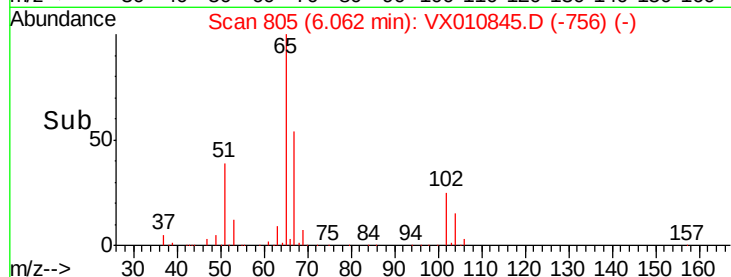
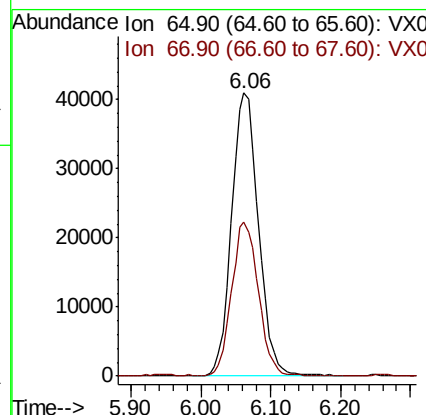
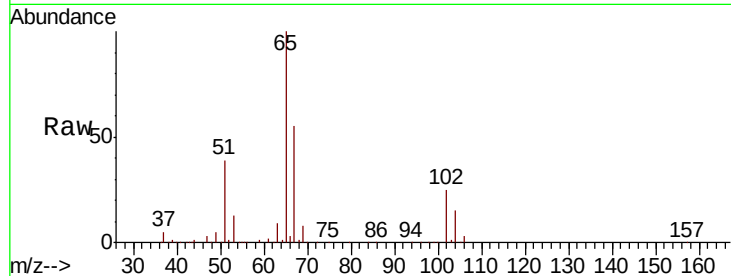




#33
 1,2-Dichloroethane-d4
 Concen: 55.043 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010845.D
 Acq: 12 Jul 2019 18:46

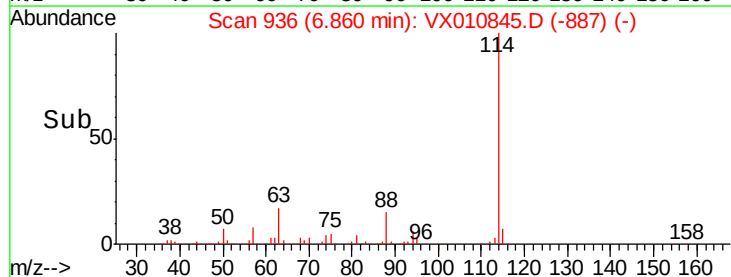
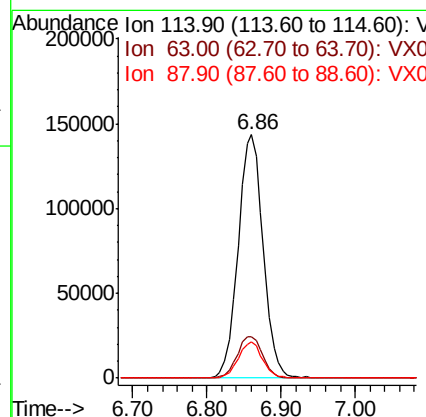
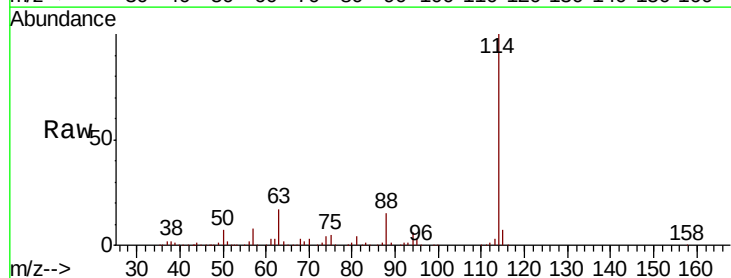
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0591

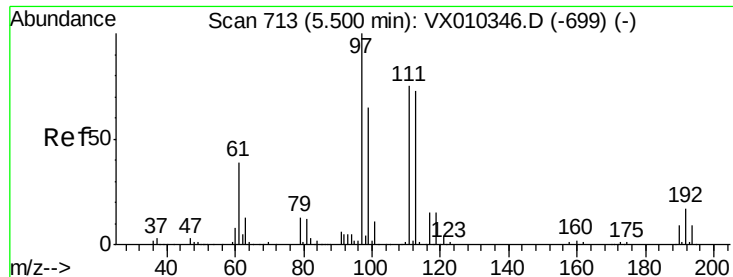
Tot Ion: 65 Resp: 109493
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010845.D
 Acq: 12 Jul 2019 18:46

Tgt Ion: 114 Resp: 337524
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.9 0.0 27.6

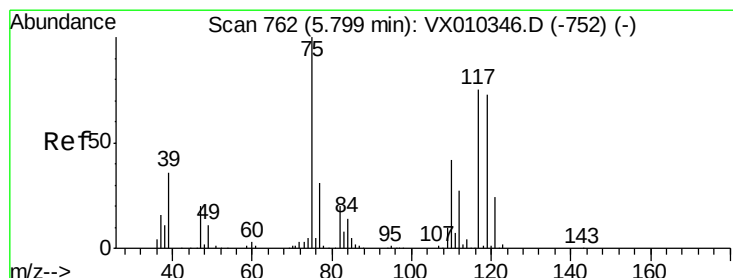
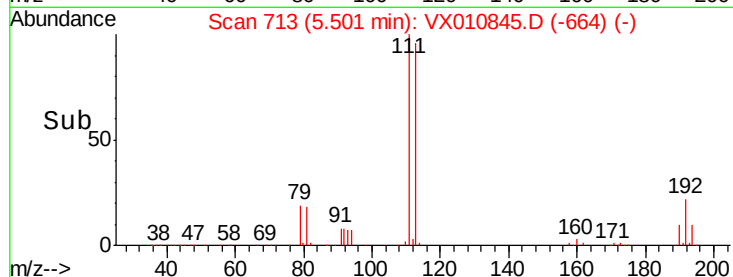
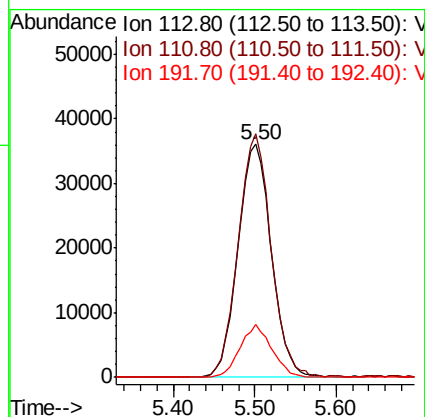
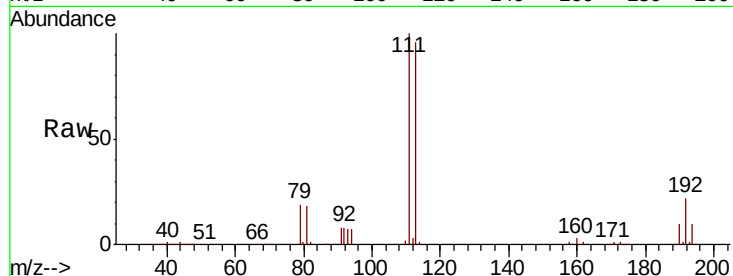




#35
 Dibromofluoromethane
 Concen: 49.752 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010845.D
 Acq: 12 Jul 2019 18:46

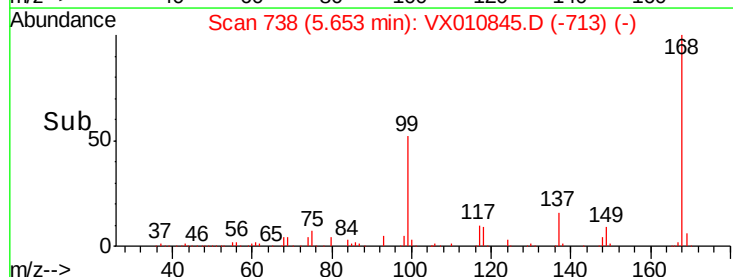
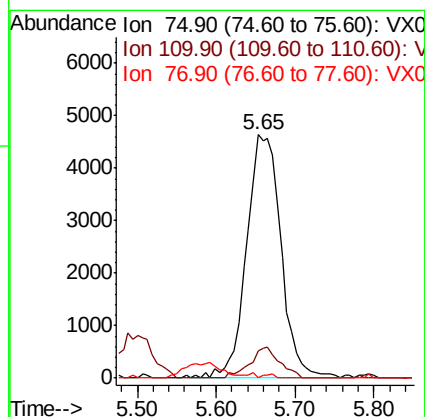
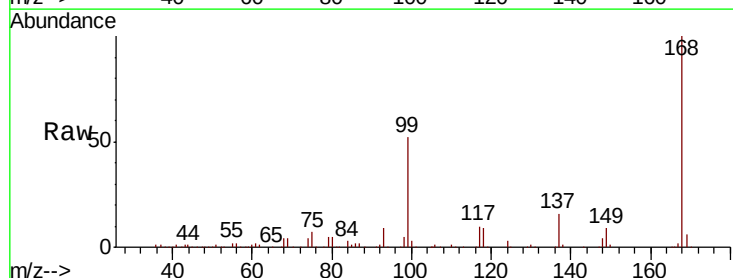
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0591

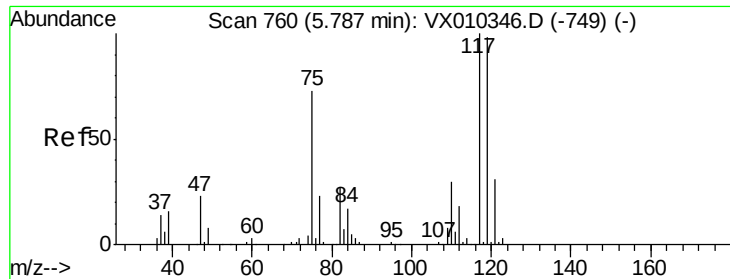
Tot Ion:113 Resp: 102742
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 21.4 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.243 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010845.D
 Acq: 12 Jul 2019 18:46

Tgt Ion: 75 Resp: 14062
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.8 62.2#
 77 0.4 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.715 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

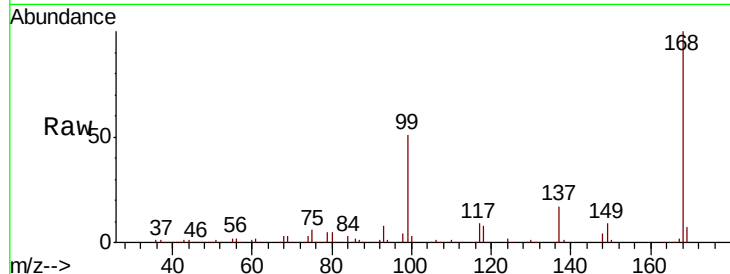
Tot Ion:117 Resp: 19504

Ion Ratio Lower Upper

117 100

119 3.4 78.2 117.4#

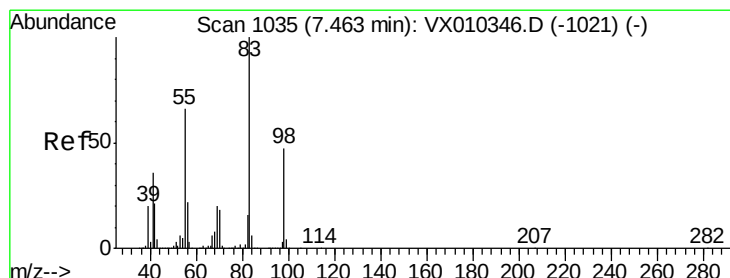
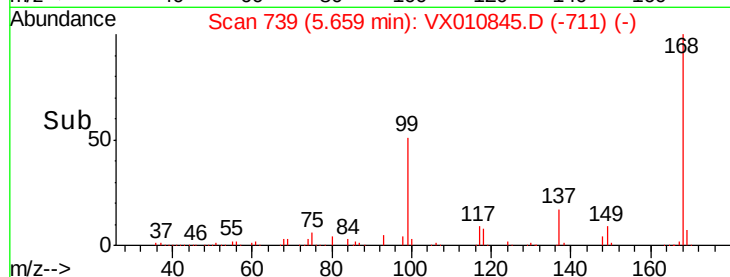
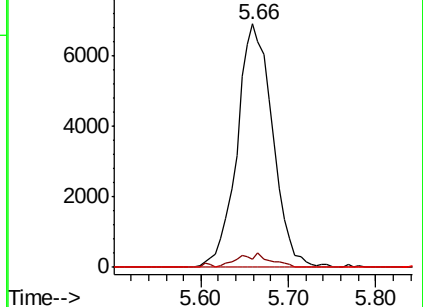
121 0.0 24.7 37.1#



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: 20.742 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

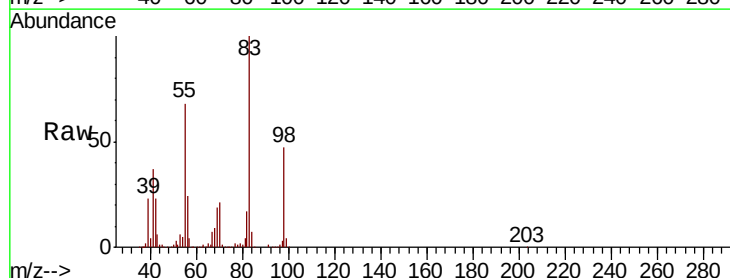
Tgt Ion: 83 Resp: 73130

Ion Ratio Lower Upper

83 100

55 68.1 53.0 79.6

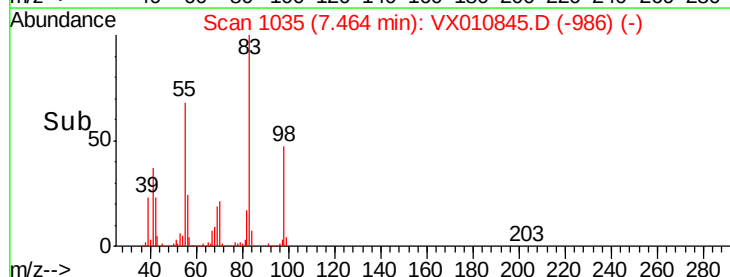
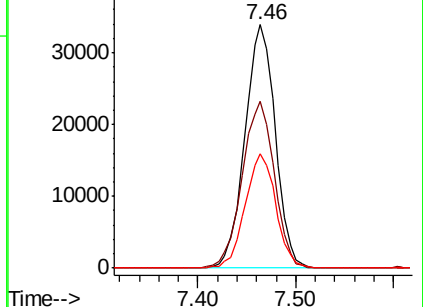
98 47.0 37.8 56.8

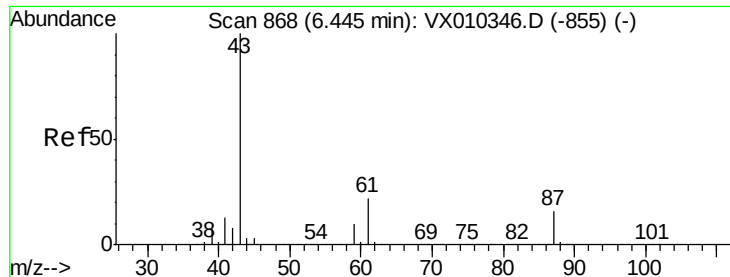


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.333 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

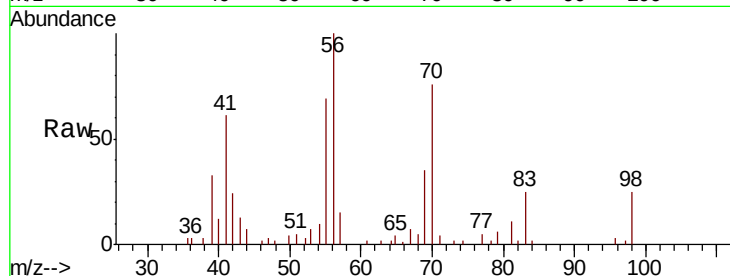
Tot Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

61 4.9 17.8 26.6#

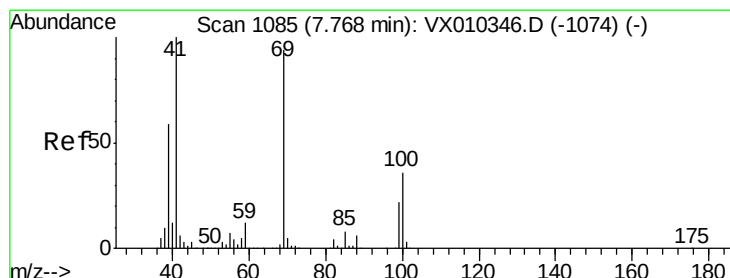
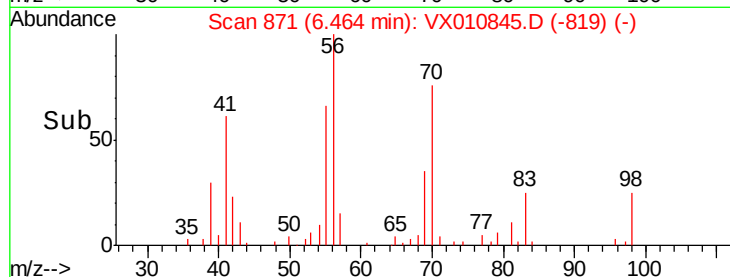
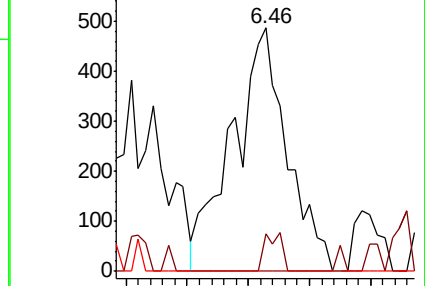
87 0.0 13.0 19.4#



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: 1.445 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

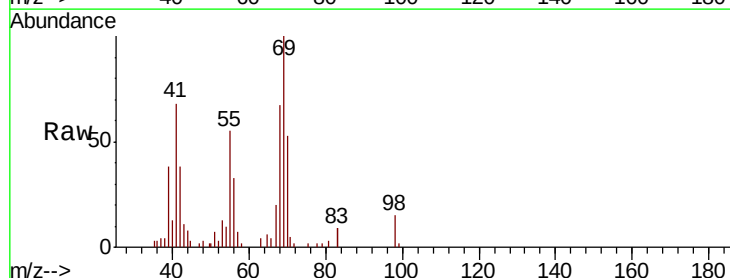
Tgt Ion: 41 Resp: 3066

Ion Ratio Lower Upper

41 100

69 170.2 76.1 114.1#

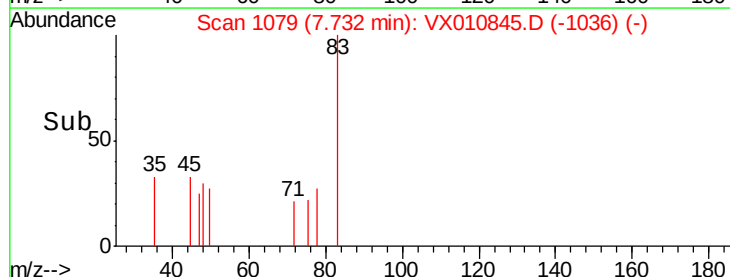
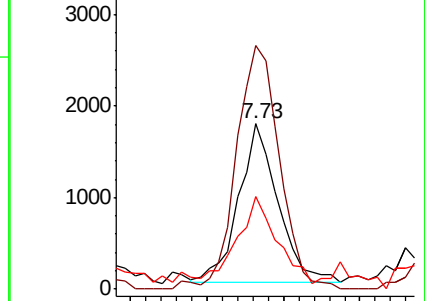
39 58.9 47.6 71.4

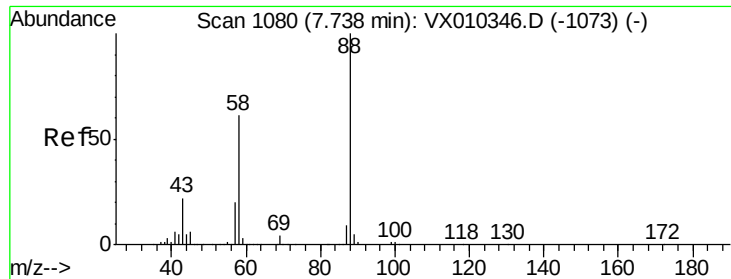


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

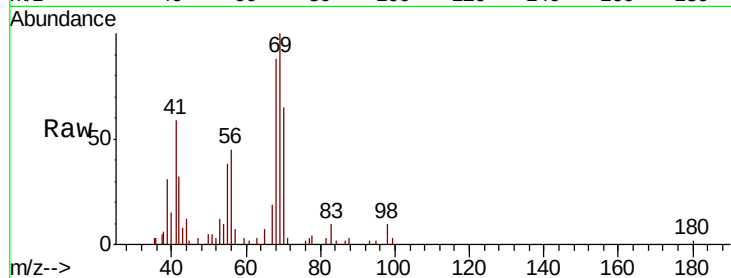




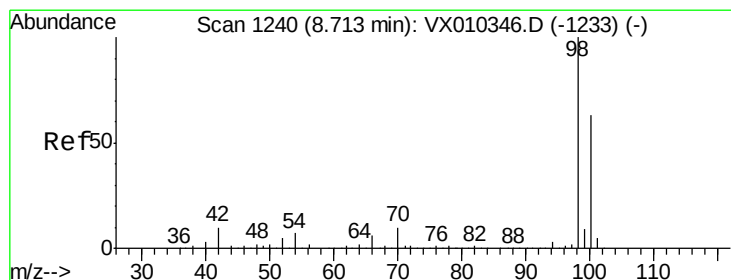
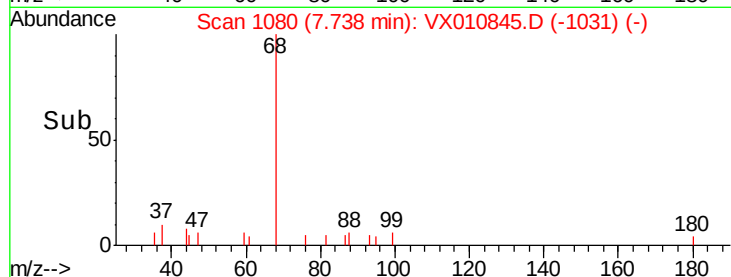
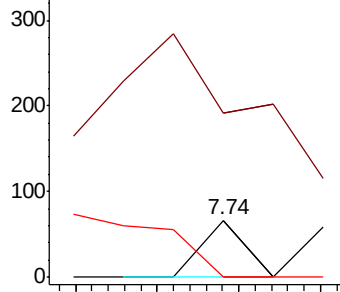
#49
1,4-Dioxane
Concen: 0.393 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0591

Tot Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 1587.5 20.2 30.2#
58 370.8 49.5 74.3#

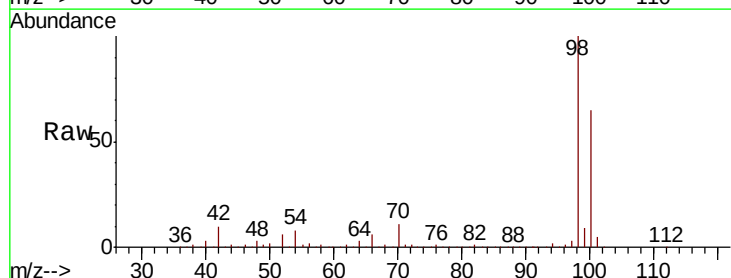


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

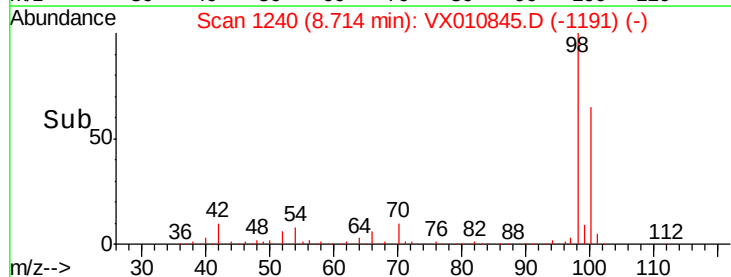
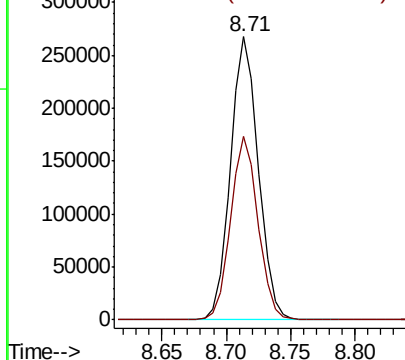


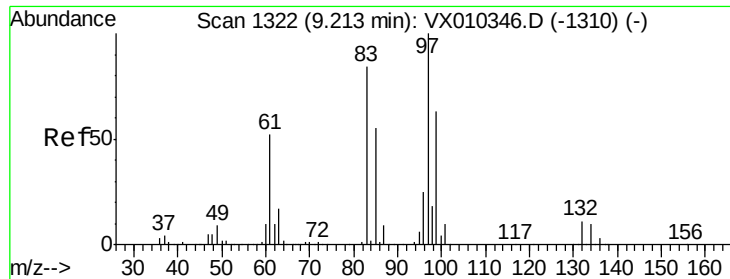
#50
Toluene-d8
Concen: 51.114 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

Tgt Ion: 98 Resp: 403832
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: 1.551 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0591

Tot Ion: 97 Resp: 3521

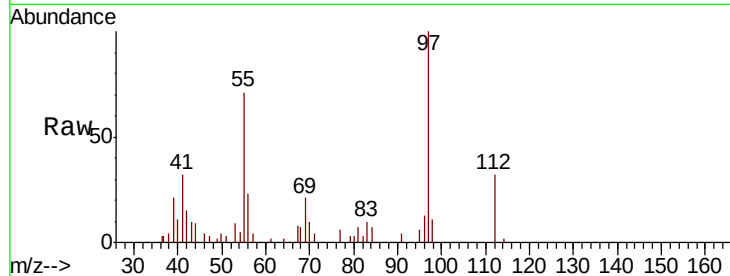
Ion Ratio Lower Upper

97 100

83 7.0 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

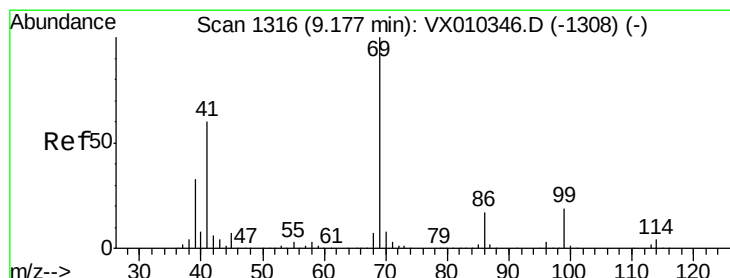
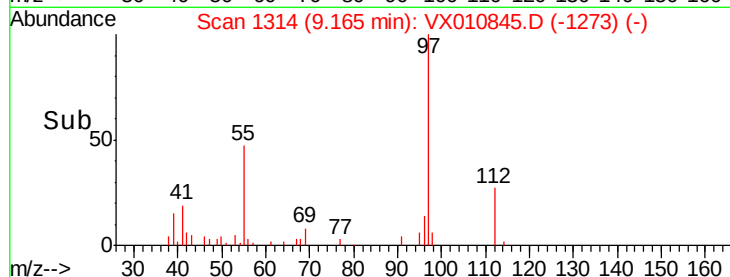
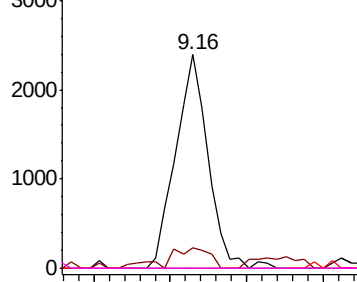


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.214 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

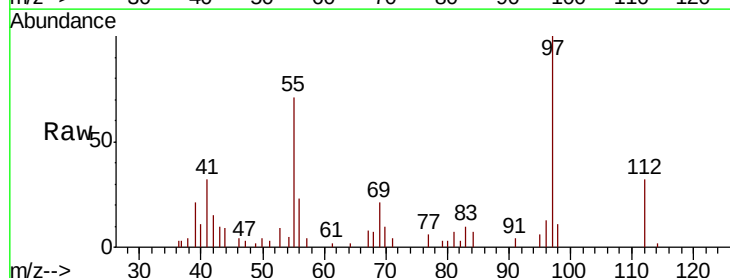
Tgt Ion: 69 Resp: 736

Ion Ratio Lower Upper

69 100

41 147.0 47.1 70.7#

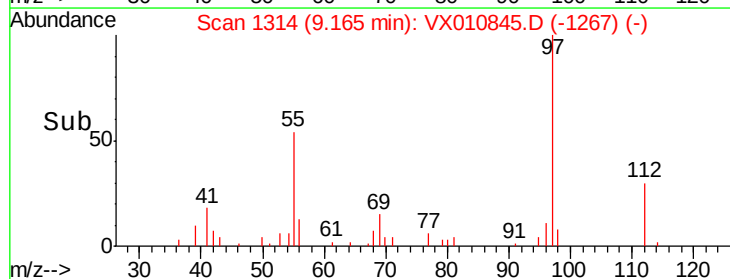
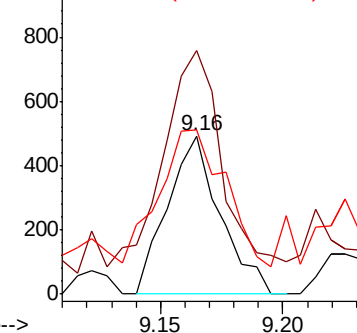
39 109.1 26.6 40.0#

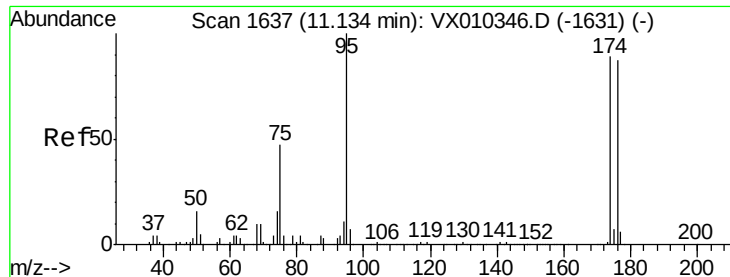


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.927 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

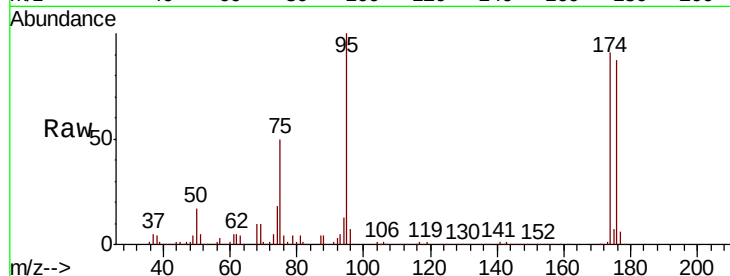
Tot Ion: 95 Resp: 139556

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.6

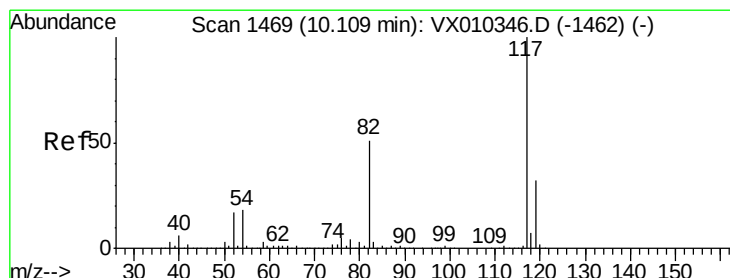
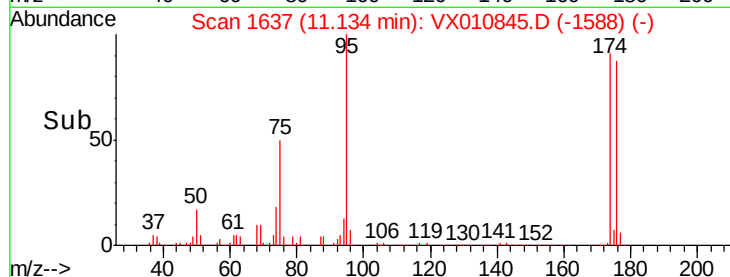
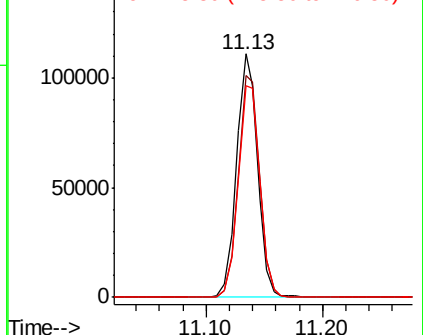
176 89.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

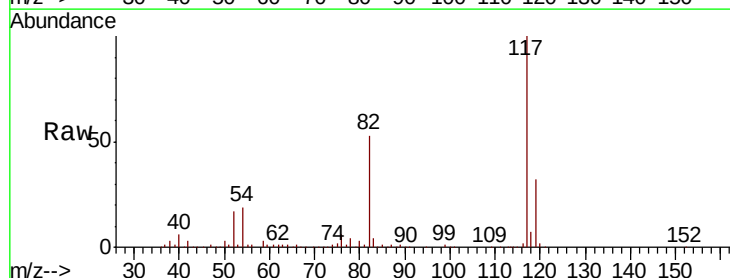
Tgt Ion: 117 Resp: 307694

Ion Ratio Lower Upper

117 100

82 53.3 41.2 61.8

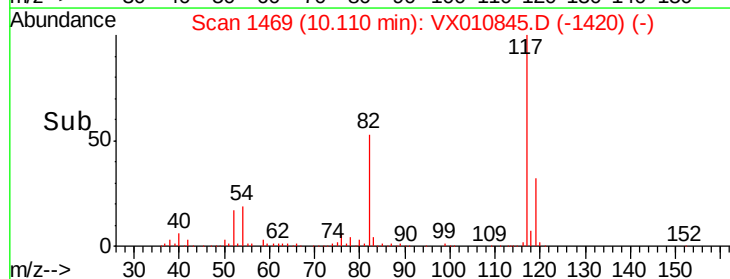
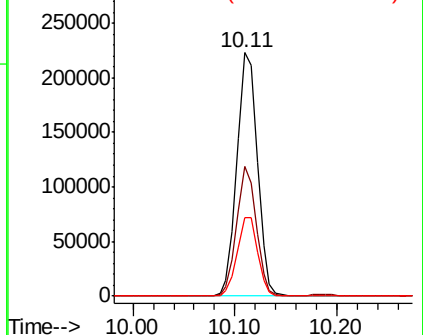
119 32.4 25.5 38.3

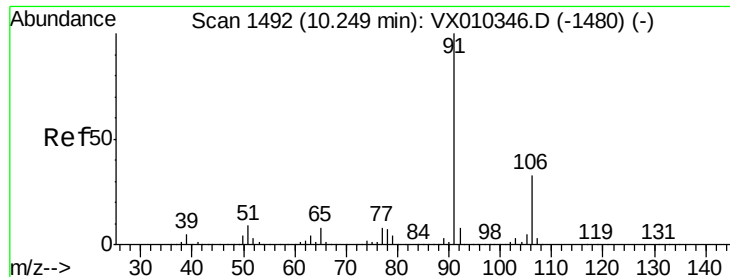


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

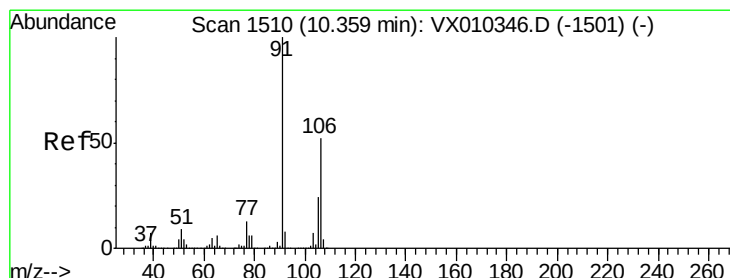
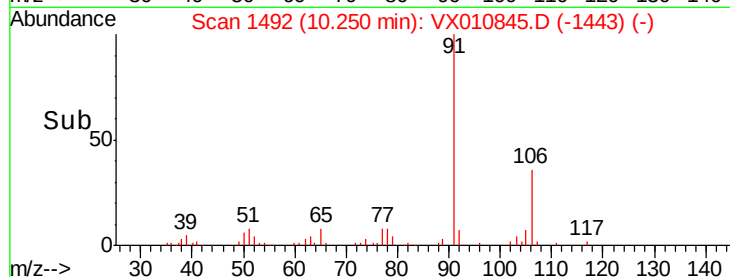
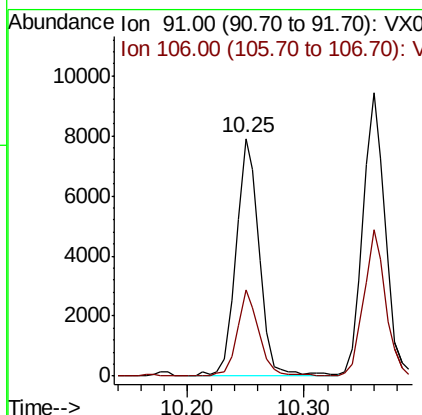
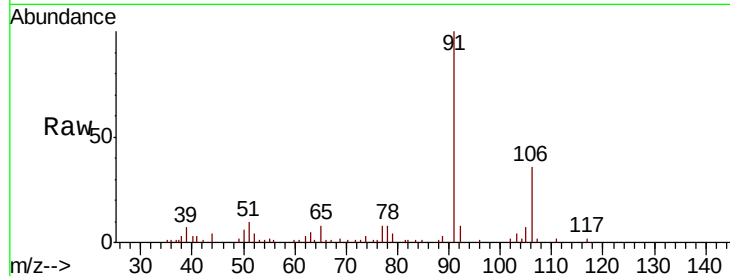




#67
Ethyl Benzene
Concen: 1.046 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

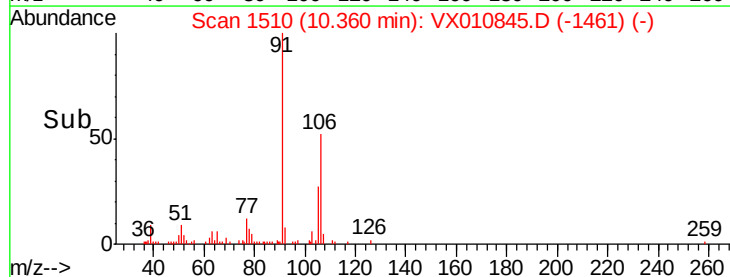
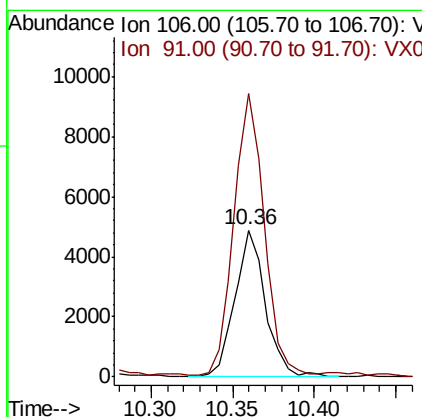
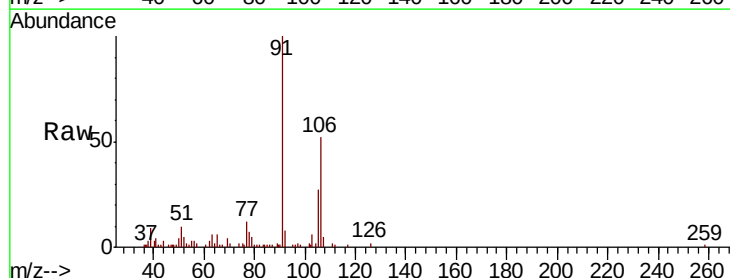
Instrument :
MSVOA_X
ClientSampled :
FL-0591

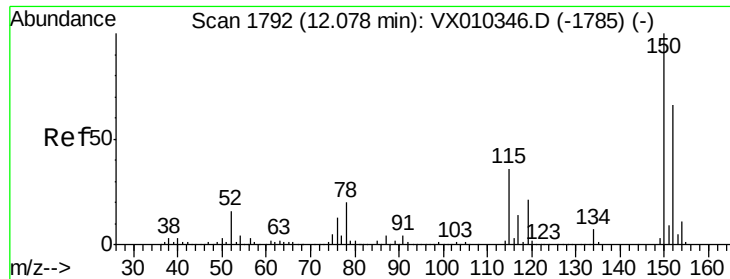
Tot Ion: 91 Resp: 11036
Ion Ratio Lower Upper
91 100
106 36.5 26.2 39.2



#68
m/p-Xylenes
Concen: 1.550 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010845.D
Acq: 12 Jul 2019 18:46

Tgt Ion: 106 Resp: 6332
Ion Ratio Lower Upper
106 100
91 194.8 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0591

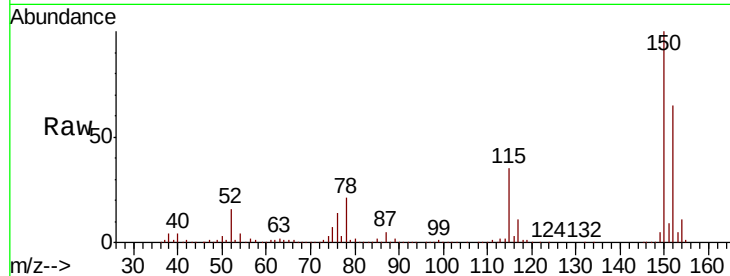
Tot Ion:152 Resp: 148533

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

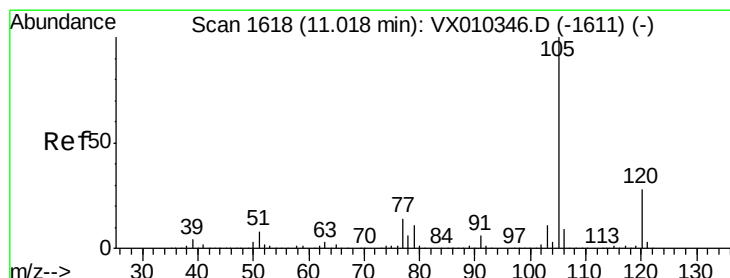
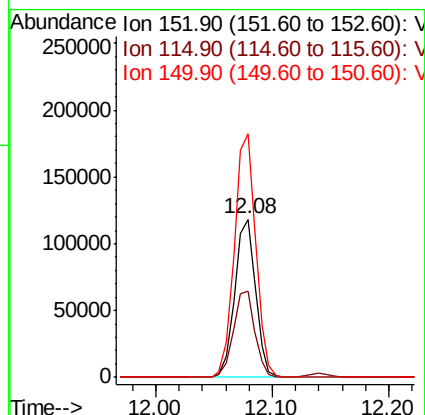
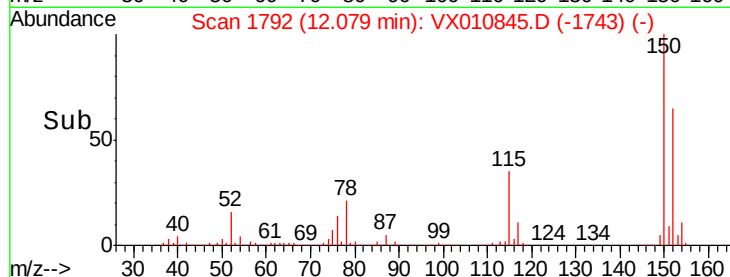
150 157.3 0.0 347.4



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: 4.412 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010845.D

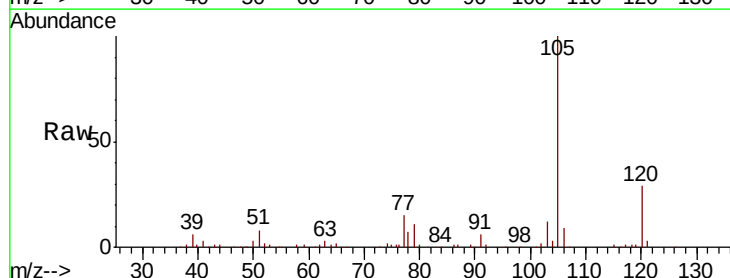
Acq: 12 Jul 2019 18:46

Tgt Ion:105 Resp: 44419

Ion Ratio Lower Upper

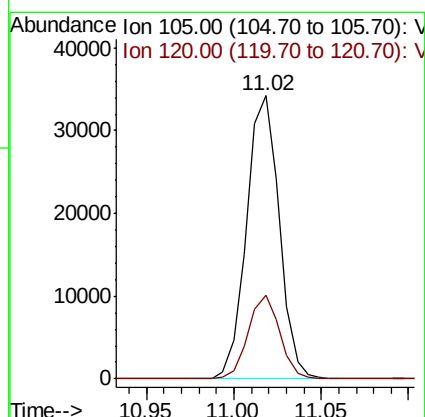
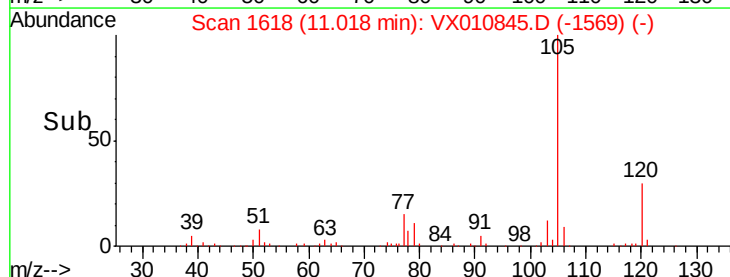
105 100

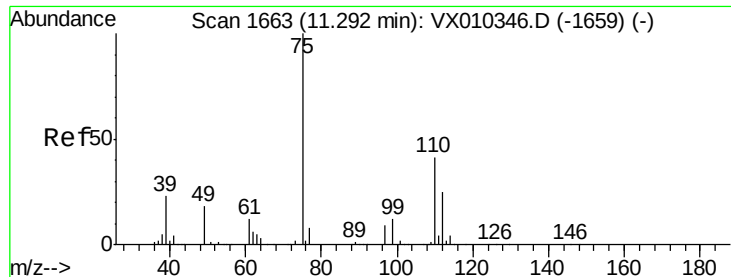
120 28.4 14.1 42.4



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: 25.138 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

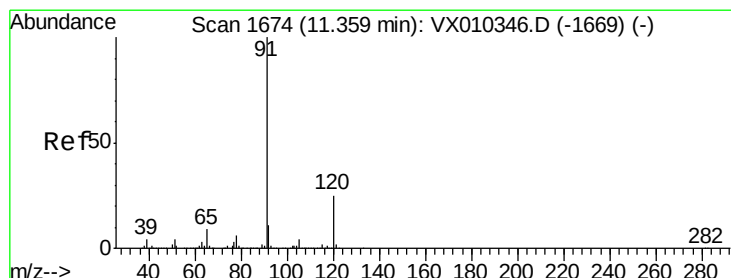
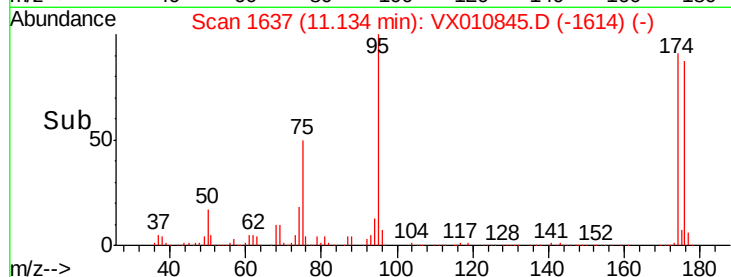
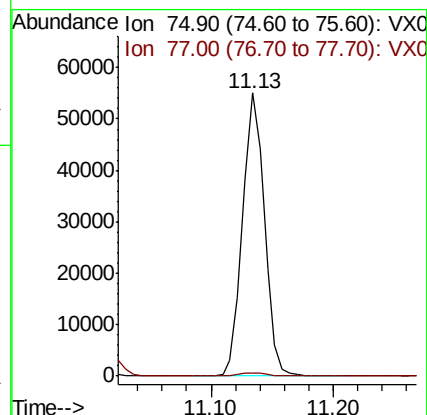
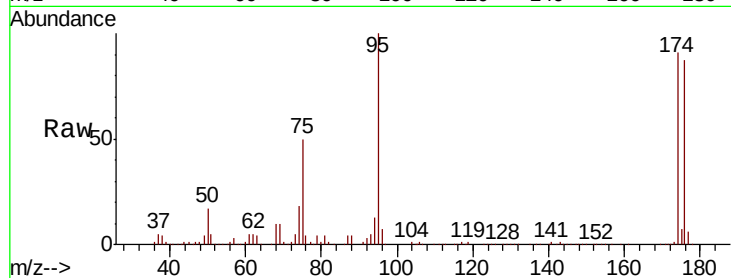
FL-0591

Tot Ion: 75 Resp: 68041

Ion Ratio Lower Upper

75 100

77 1.5 22.6 67.8#



#78

n-propylbenzene

Concen: 6.608 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010845.D

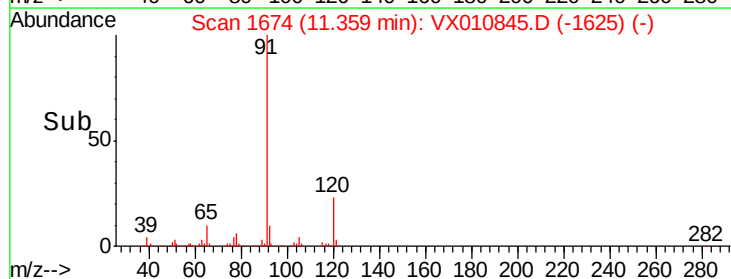
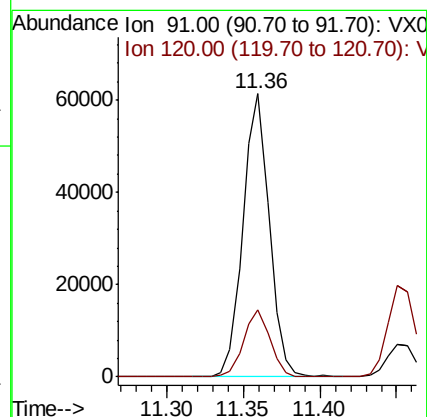
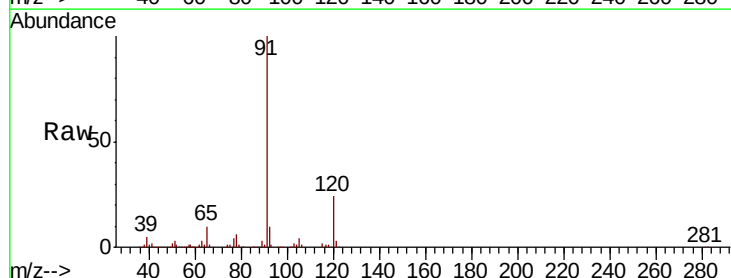
Acq: 12 Jul 2019 18:46

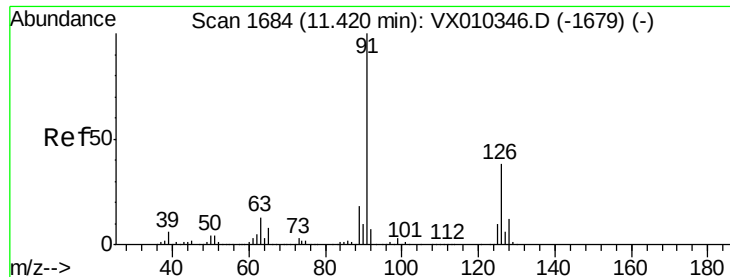
Tgt Ion: 91 Resp: 73121

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.4





#79

2-Chlorotoluene

Concen: 1.408 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

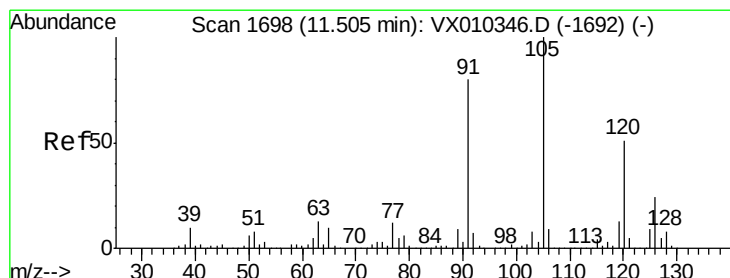
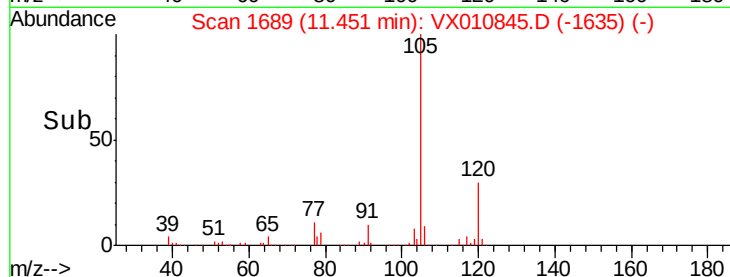
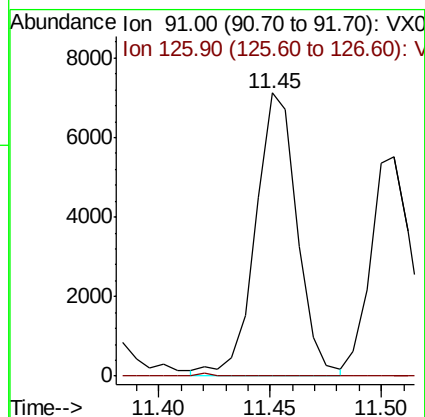
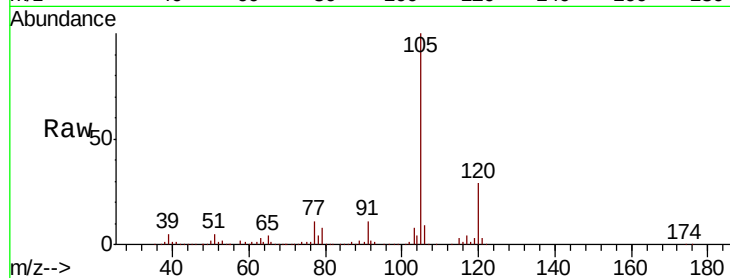
FL-0591

Tot Ion: 91 Resp: 9280

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#



#80

1,3,5-Trimethylbenzene

Concen: 8.241 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010845.D

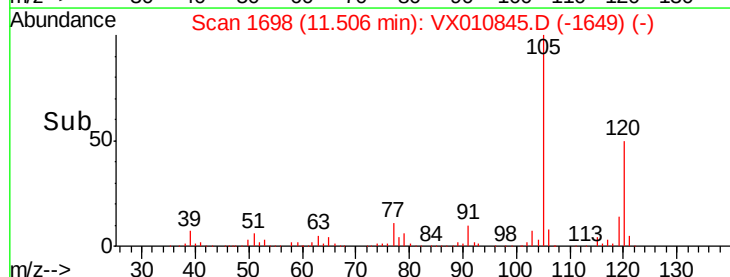
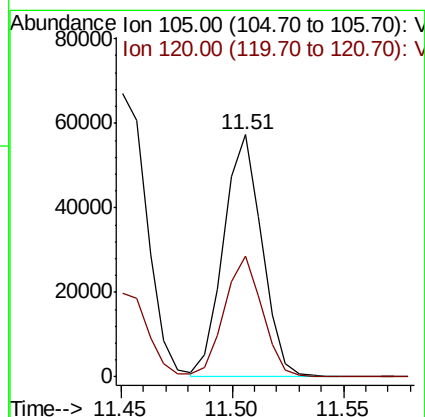
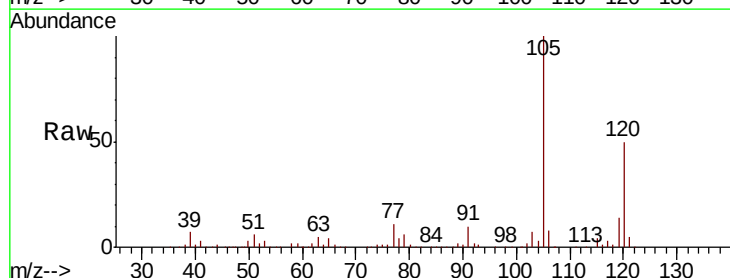
Acq: 12 Jul 2019 18:46

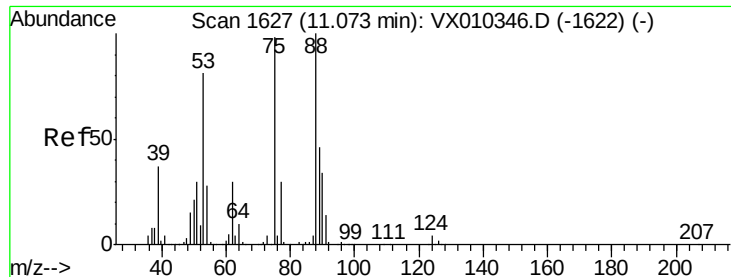
Tgt Ion: 105 Resp: 68406

Ion Ratio Lower Upper

105 100

120 50.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.645 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

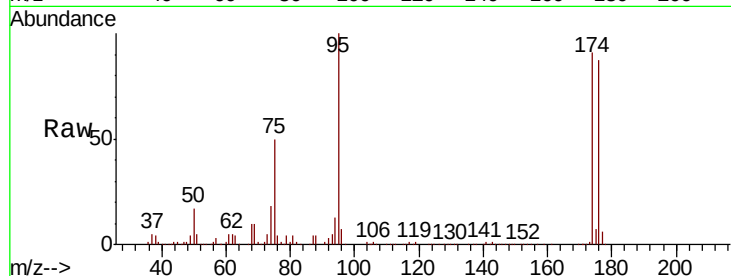
Tot Ion: 75 Resp: 68041

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

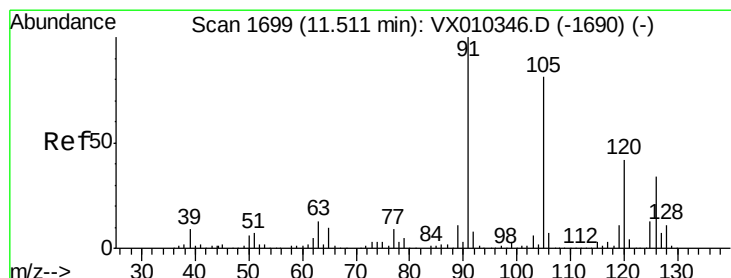
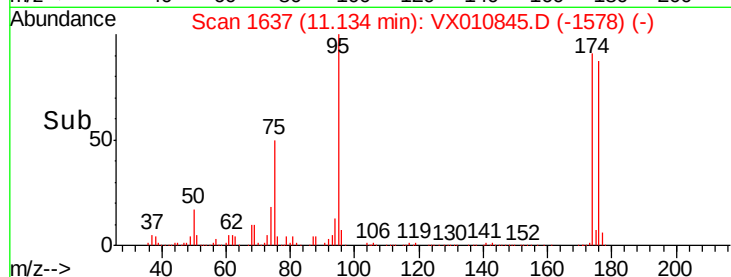
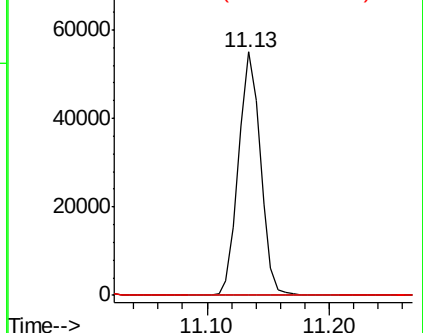
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.947 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010845.D

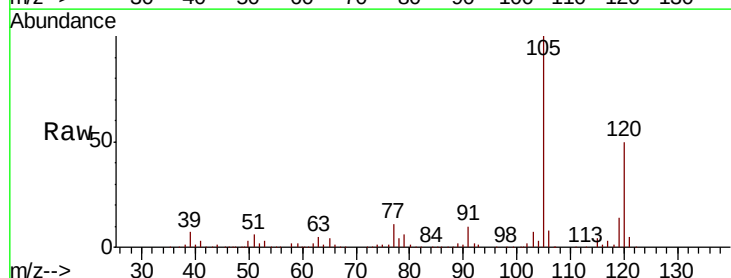
Acq: 12 Jul 2019 18:46

Tgt Ion: 91 Resp: 7100

Ion Ratio Lower Upper

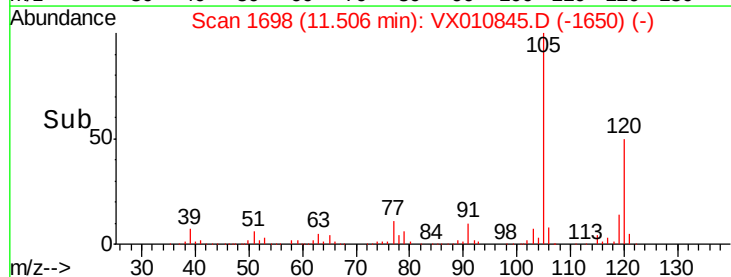
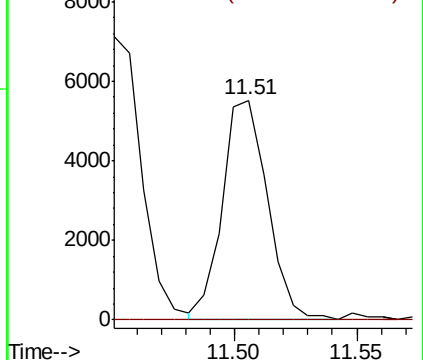
91 100

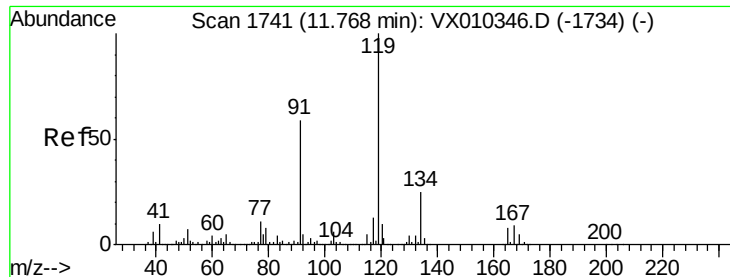
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.259 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

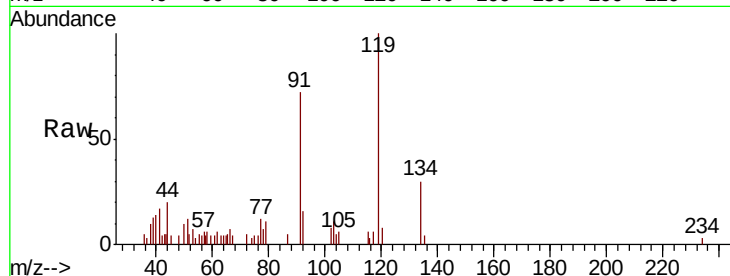
Tot Ion:119 Resp: 2160

Ion Ratio Lower Upper

119 100

91 69.8 27.6 82.7

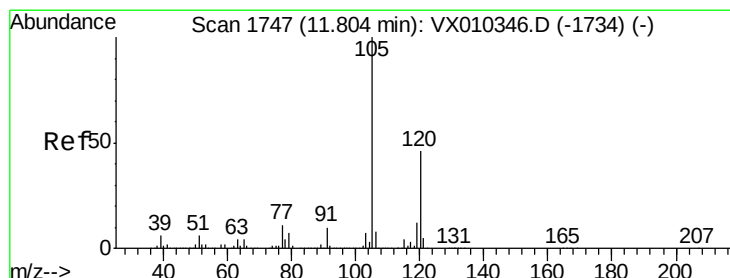
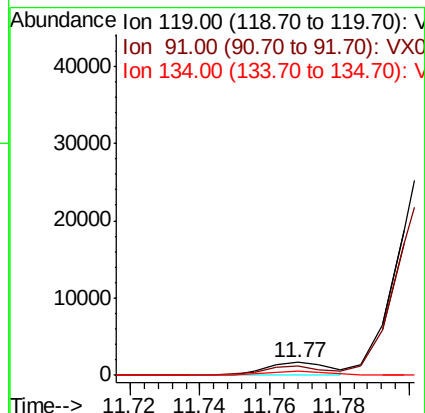
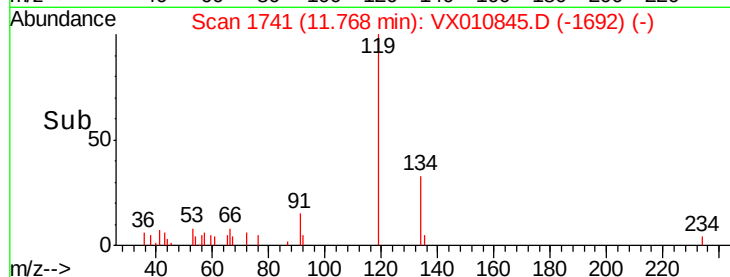
134 27.3 11.8 35.4



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: 33.712 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010845.D

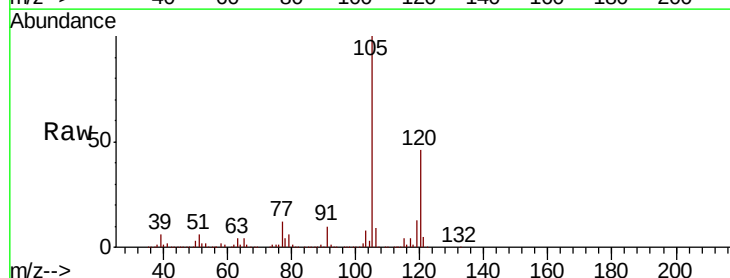
Acq: 12 Jul 2019 18:46

Tgt Ion:105 Resp: 281138

Ion Ratio Lower Upper

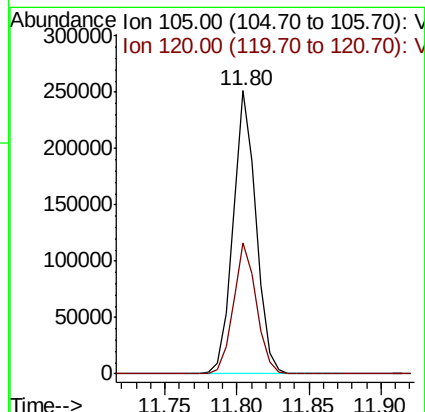
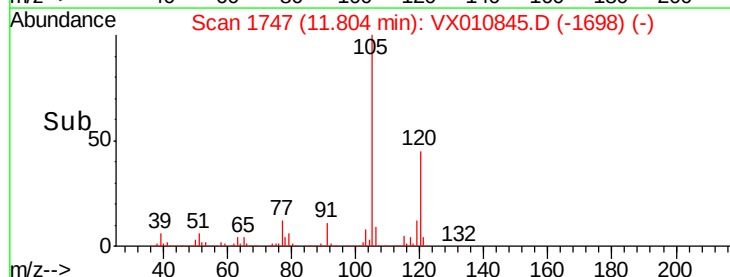
105 100

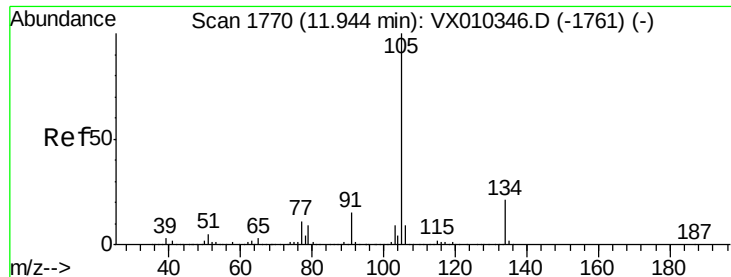
120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.131 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

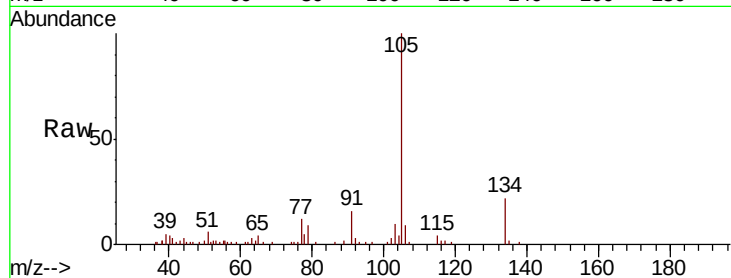
FL-0591

Tot Ion:105 Resp: 11068

Ion Ratio Lower Upper

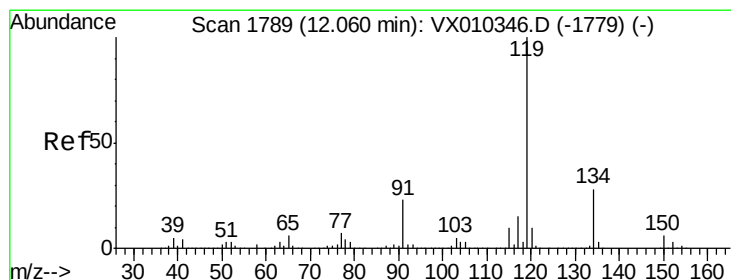
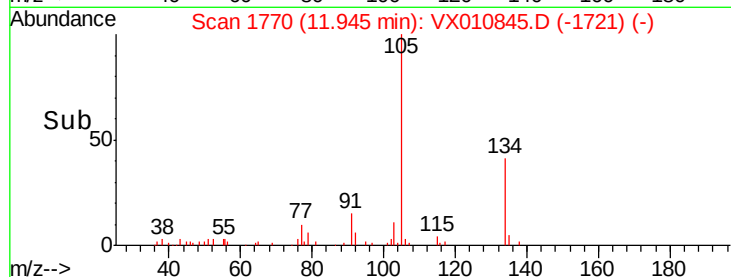
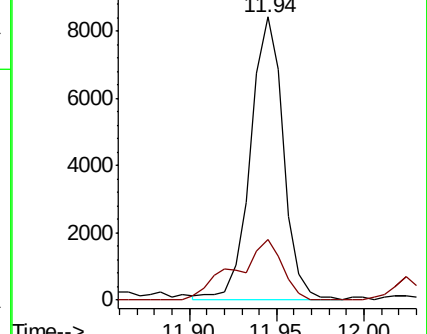
105 100

134 30.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.922 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

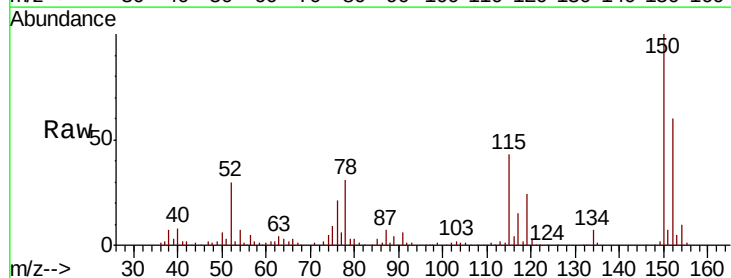
Tgt Ion:119 Resp: 8341

Ion Ratio Lower Upper

119 100

134 29.7 13.7 41.1

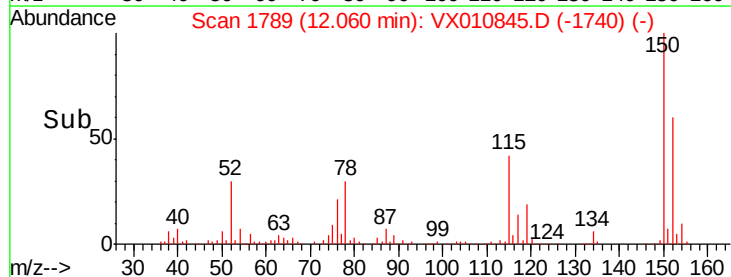
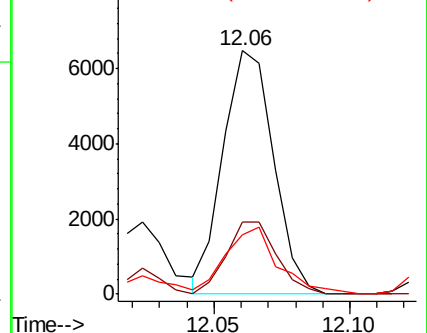
91 28.6 11.3 33.8

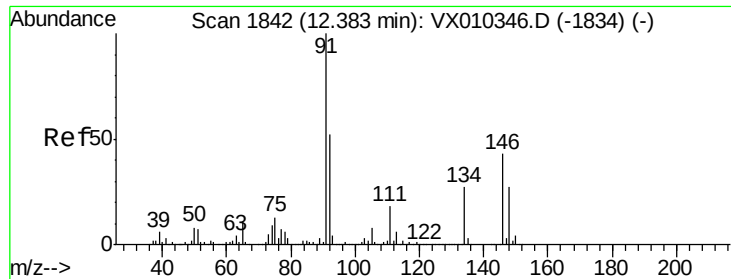


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 1.154 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

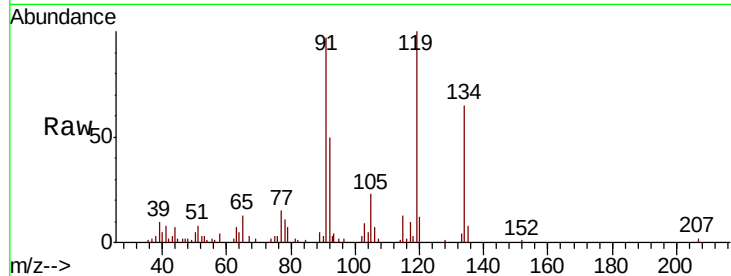
Tot Ion: 91 Resp: 8869

Ion Ratio Lower Upper

91 100

92 35.5 26.2 78.5

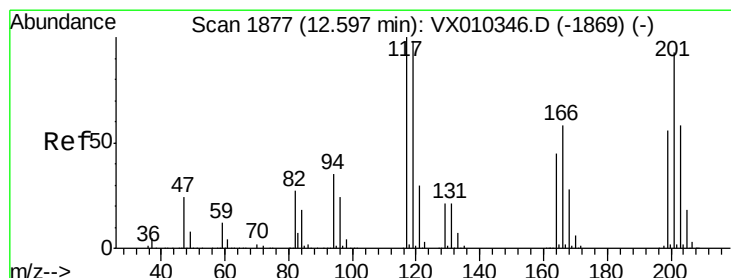
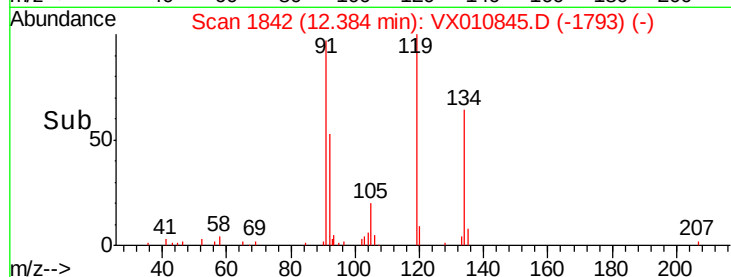
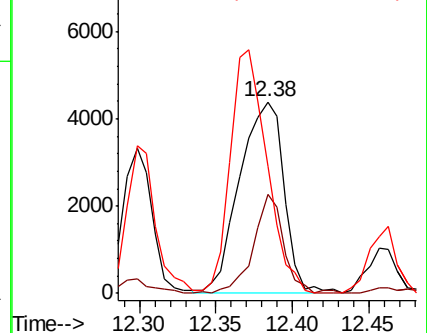
134 104.3 14.1 42.4#



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: 1.386 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010845.D

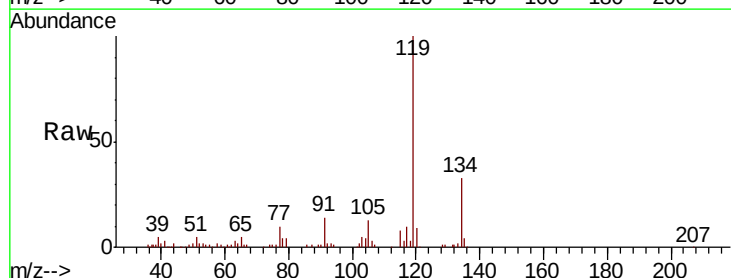
Acq: 12 Jul 2019 18:46

Tgt Ion: 117 Resp: 2169

Ion Ratio Lower Upper

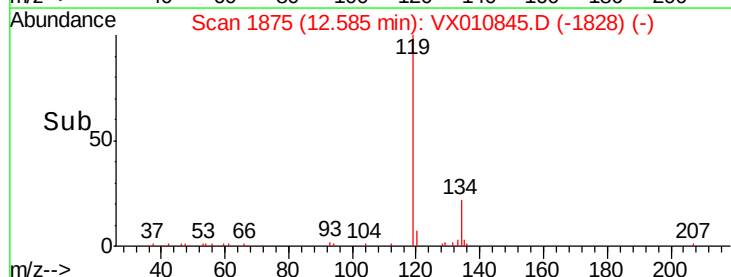
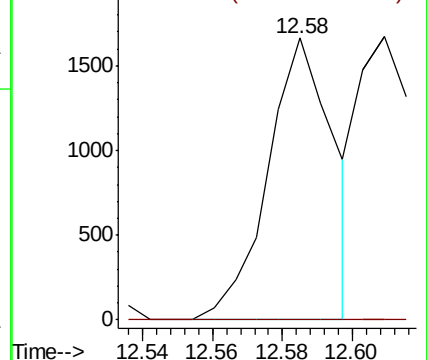
117 100

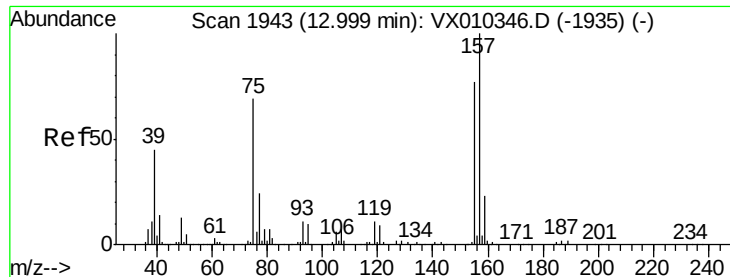
201 0.0 44.0 131.8#



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: 0.579 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0591

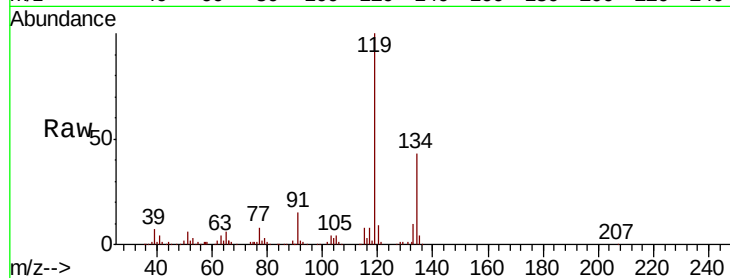
Tot Ion: 75 Resp: 416

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

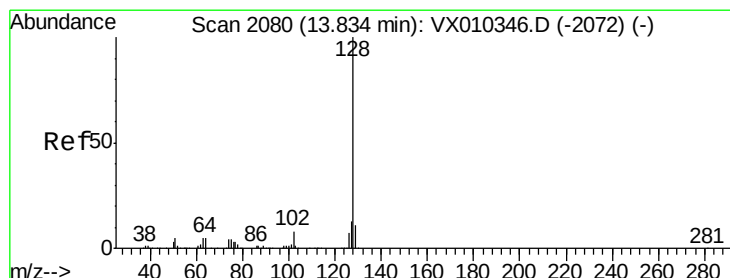
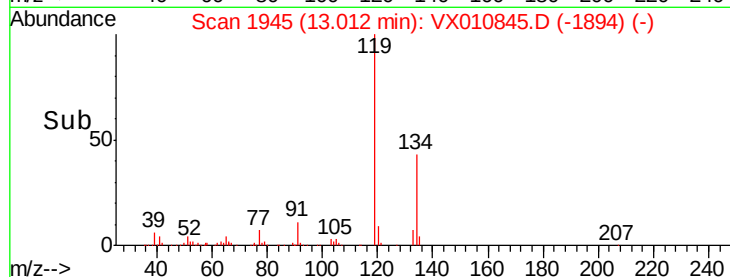
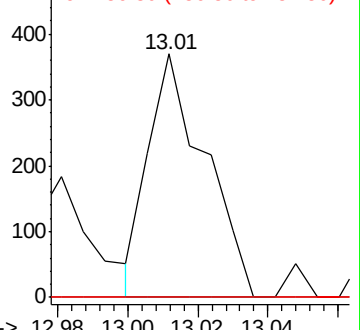
157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 1.214 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010845.D

Acq: 12 Jul 2019 18:46

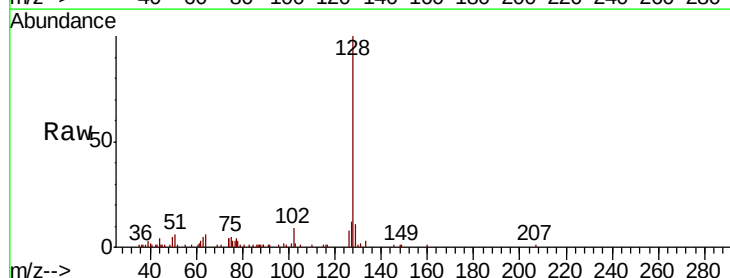
Tgt Ion:128 Resp: 12614

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

129 14.4 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

