

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010862.D
 Acq On : 13 Jul 2019 01:45
 Operator : JC/SP
 Sample : K3791-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0595

Quant Time: Jul 15 08:46:11 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	245306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190326	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	128548	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
35) Dibromofluoromethane	5.50	113	116874	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	8.71	98	463408	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	173084	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	455	0.429	ug/l #	49
6) Chloroethane	1.71	64	540	0.421	ug/l #	41
11) Tert butyl alcohol	3.03	59	2026	3.366	ug/l #	74
13) Acrolein	2.25	56	142	0.356	ug/l	93
14) Allyl chloride	2.61	41	1422	0.471	ug/l #	46
15) Acrylonitrile	3.18	53	3810	3.197	ug/l #	41
16) Acetone	2.45	43	2905	2.520	ug/l	94
18) Methyl Acetate	2.84	43	25794	11.228	ug/l #	49
25) 2-Butanone	4.71	43	463	0.274	ug/l #	46
31) Cyclohexane	5.58	56	180589	54.358	ug/l	95
36) 1,1-Dichloropropene	5.66	75	16443	5.420	ug/l #	47
38) Carbon Tetrachloride	5.66	117	22380	6.813	ug/l #	15
39) Methylcyclohexane	7.46	83	411140	103.106	ug/l	97
43) Isopropyl Acetate	6.46	43	5120	0.992	ug/l #	64
45) 1,2-Dichloropropane	7.46	63	3903	1.635	ug/l #	1
47) Bromodichloromethane	7.85	83	1421	0.453	ug/l #	1
48) Methyl methacrylate	7.73	41	18759	7.816	ug/l #	57
49) 1,4-Dioxane	7.75	88	23	0.333	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	5408	1.638	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	34796	13.556	ug/l #	20
56) Ethyl methacrylate	9.16	69	6780	1.744	ug/l #	1
59) 2-Hexanone	9.44	43	6778	2.608	ug/l #	30
67) Ethyl Benzene	10.25	91	210563	17.061	ug/l	100
68) m/p-Xylenes	10.36	106	203174	42.486	ug/l	97
69) o-Xylene	10.69	106	2856	0.607	ug/l	99
73) Isopropylbenzene	11.02	105	382215	29.625	ug/l	98
74) N-amyl acetate	10.91	43	2419	0.496	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2991	0.700	ug/l #	39
76) 1,2,3-Trichloropropane	11.36	75	4513	1.301	ug/l #	1
78) n-propylbenzene	11.36	91	706862	49.851	ug/l	98
79) 2-Chlorotoluene	11.43	91	369388	43.748	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	1339352	125.927	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	4689	3.154	ug/l #	57
82) 4-Chlorotoluene	11.51	91	143465	14.932	ug/l #	42

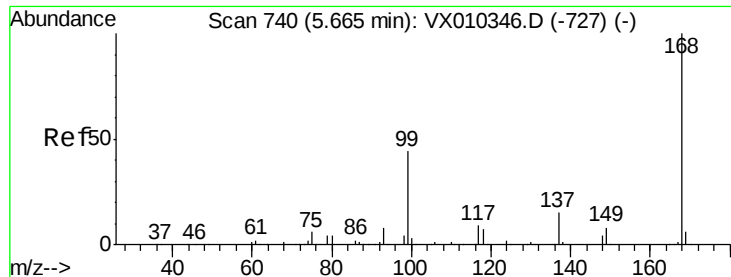
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010862.D
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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	16282	1.525	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	3913277	366.213	ug/l	100
85) sec-Butylbenzene	11.94	105	166698	13.300	ug/l	84
86) p-Isopropyltoluene	12.06	119	190084	16.396	ug/l	98
89) n-Butylbenzene	12.37	91	181527	18.426	ug/l #	13
90) Hexachloroethane	12.58	117	46694	23.292	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	5813	6.310	ug/l #	1
95) Naphthalene	13.83	128	397845	29.870	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

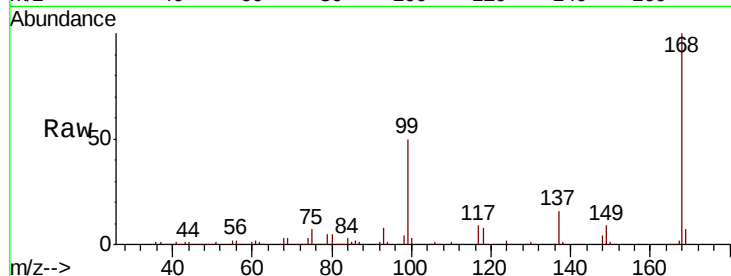
FL-0595

Tot Ion:168 Resp: 245306

Ion Ratio Lower Upper

168 100

99 50.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

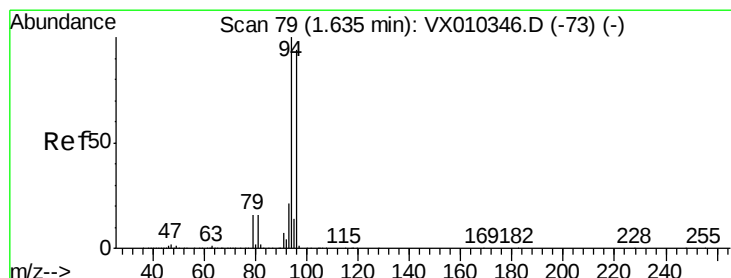
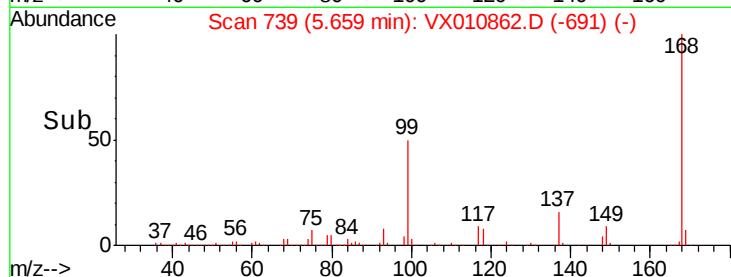
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.429 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010862.D

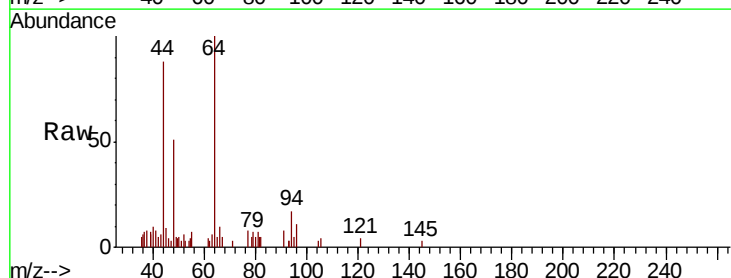
Acq: 13 Jul 2019 01:45

Tgt Ion: 94 Resp: 455

Ion Ratio Lower Upper

94 100

96 45.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

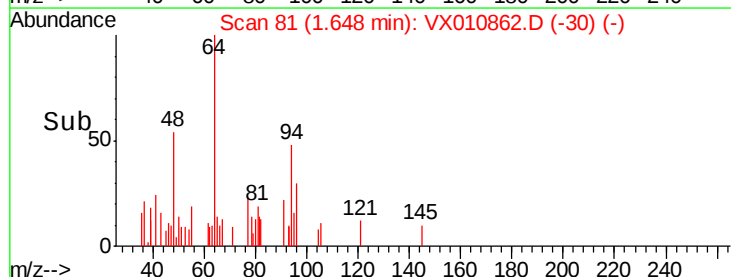
200

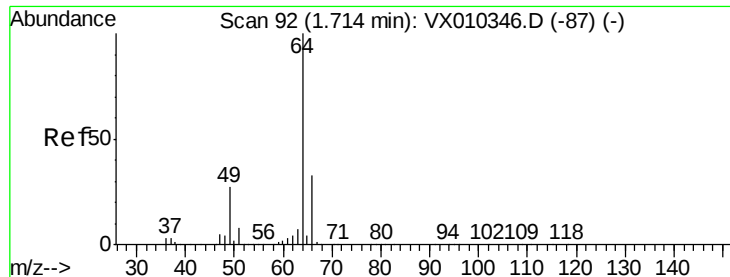
100

0

Time-->

1.62 1.64 1.66





#6

Chloroethane

Concen: 0.421 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampled :

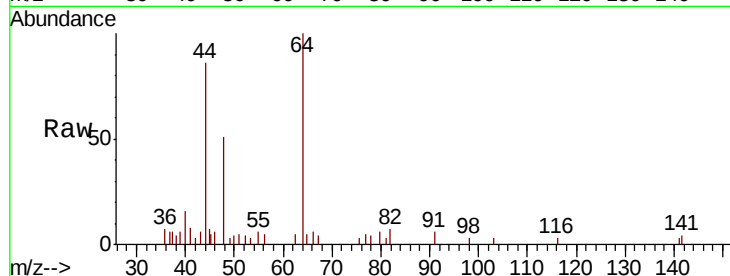
FL-0595

Tot Ion: 64 Resp: 540

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

2000

1500

1000

500

0

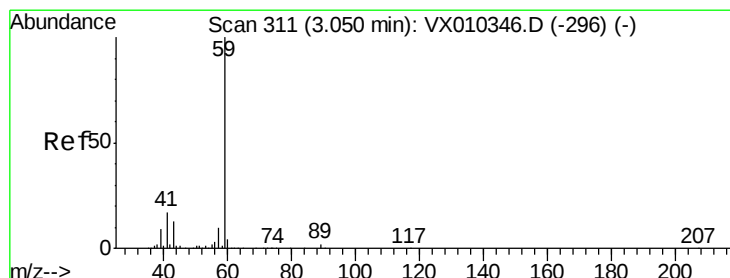
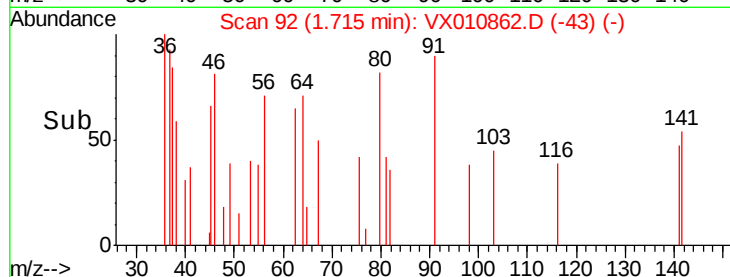
Time-->

1.68

1.70

1.72

1.74



#11

Tert butyl alcohol

Concen: 3.366 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX010862.D

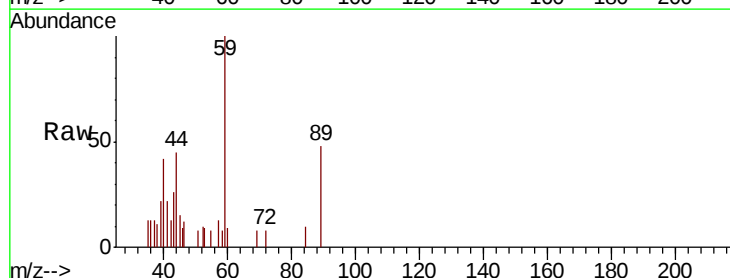
Acq: 13 Jul 2019 01:45

Tgt Ion: 59 Resp: 2026

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

30000

25000

20000

15000

10000

5000

0

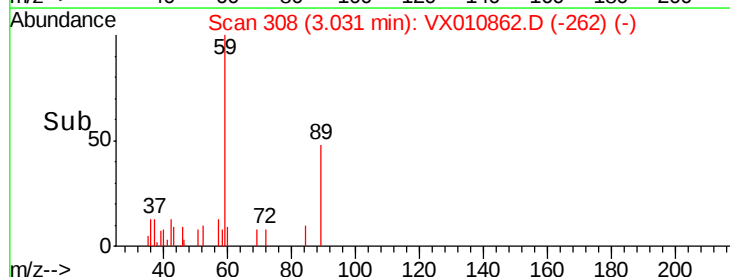
Time-->

2.95

3.00

3.05

3.10





#13

Acrolein

Concen: 0.356 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampled :

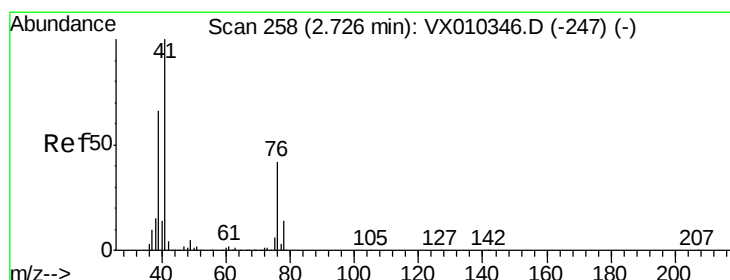
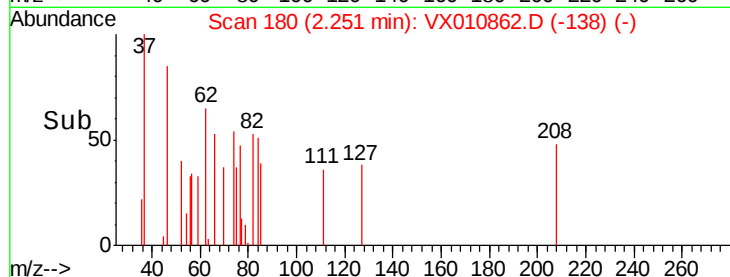
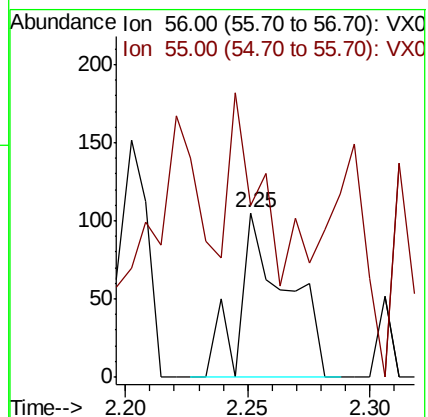
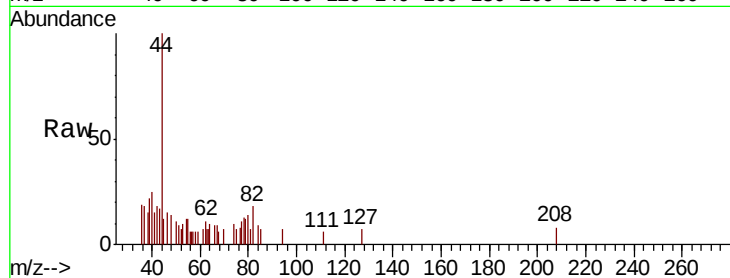
FL-0595

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 65.5 56.9 85.3



#14

Allyl chloride

Concen: 0.471 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

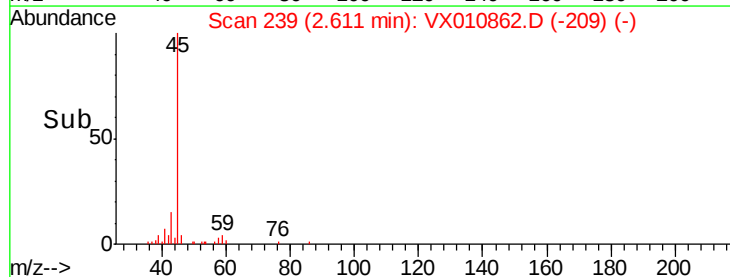
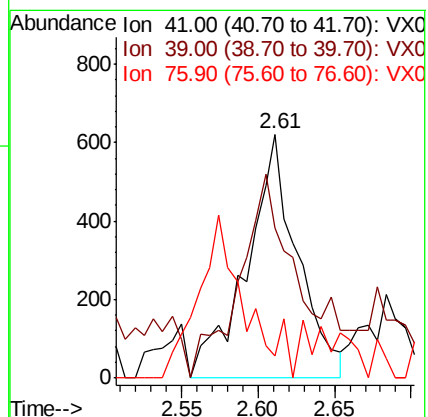
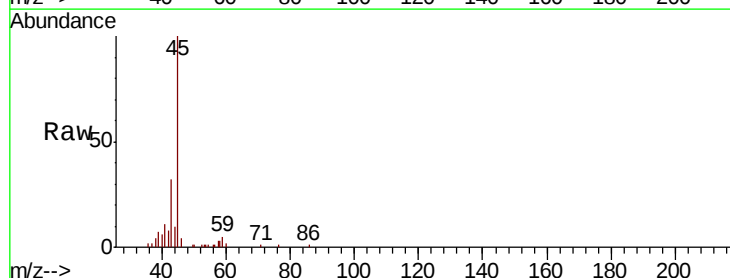
Tgt Ion: 41 Resp: 1422

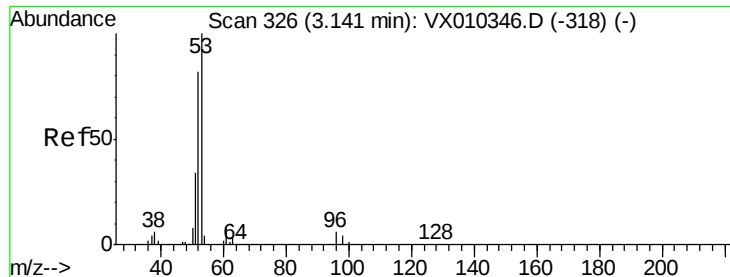
Ion Ratio Lower Upper

41 100

39 100.4 50.3 75.5#

76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 3.197 ug/l

RT: 3.18 min Scan# 333

Delta R.T. 0.04 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0595

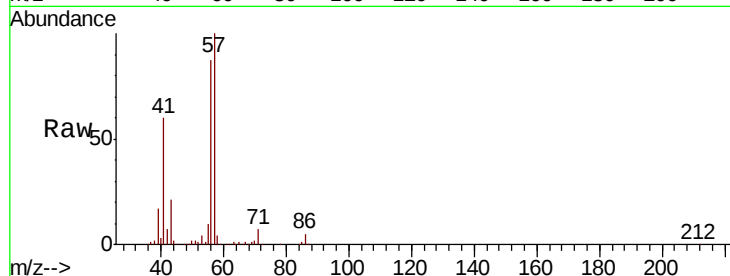
Tot Ion: 53 Resp: 3810

Ion Ratio Lower Upper

53 100

52 25.7 65.5 98.3#

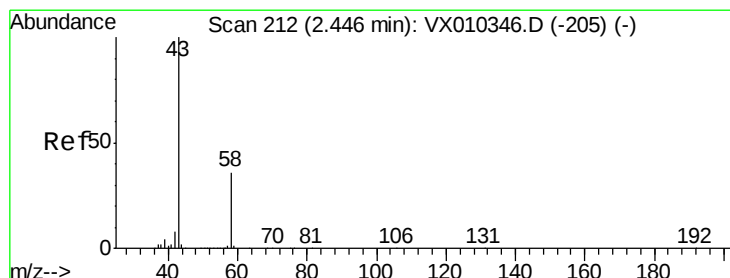
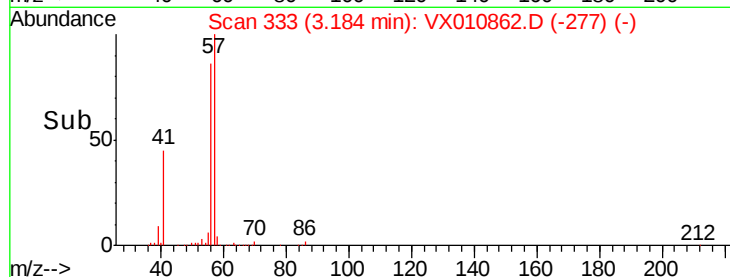
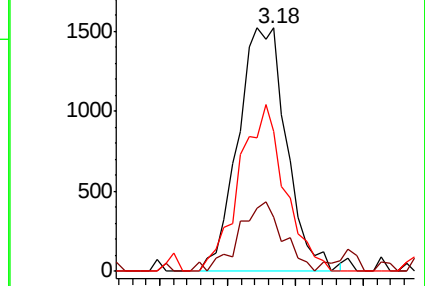
51 64.1 28.2 42.4#



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: 2.520 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010862.D

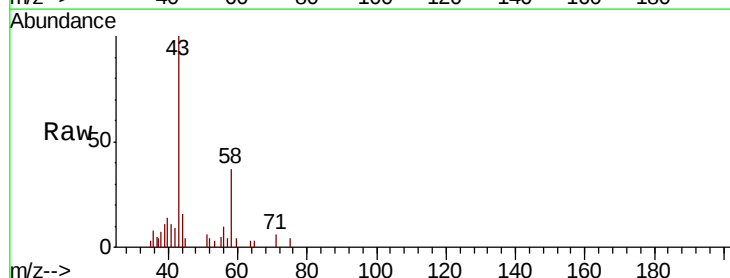
Acq: 13 Jul 2019 01:45

Tgt Ion: 43 Resp: 2905

Ion Ratio Lower Upper

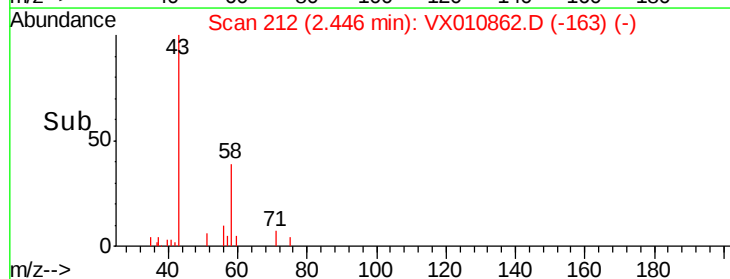
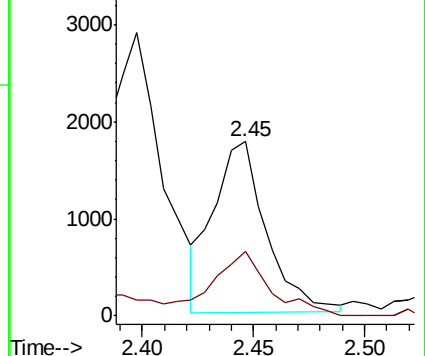
43 100

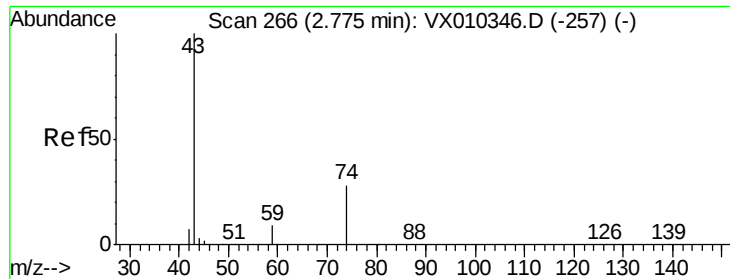
58 39.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

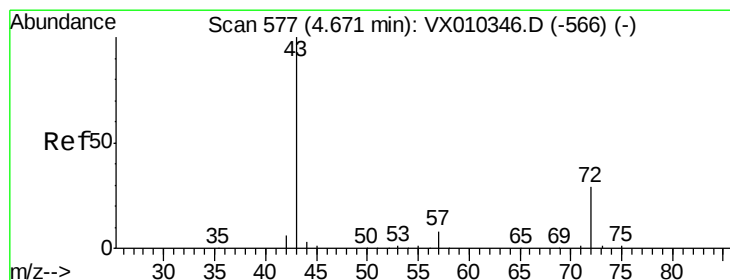
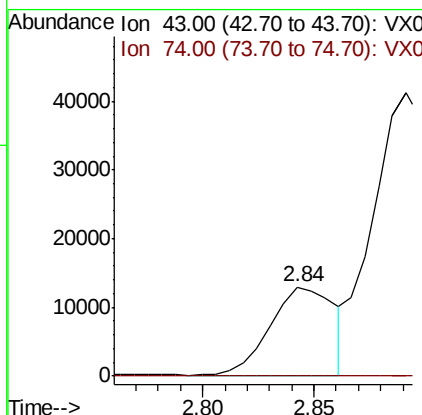
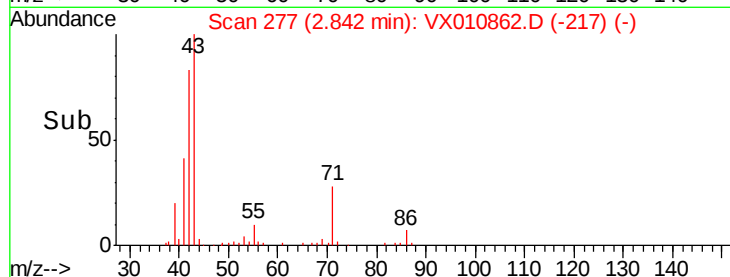
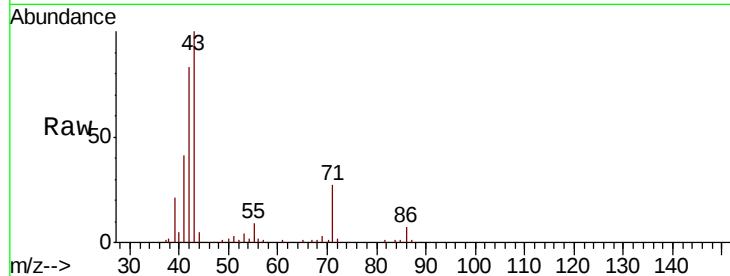




#18
Methyl Acetate
Concen: 11.228 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

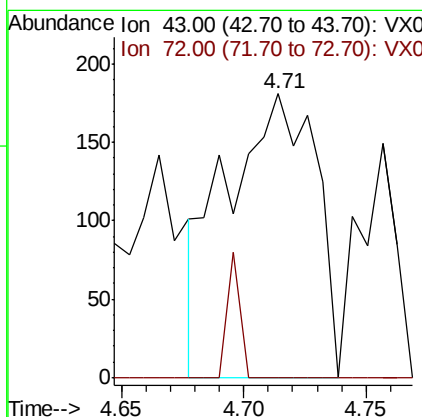
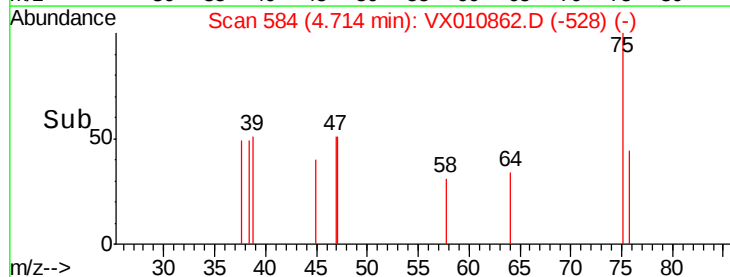
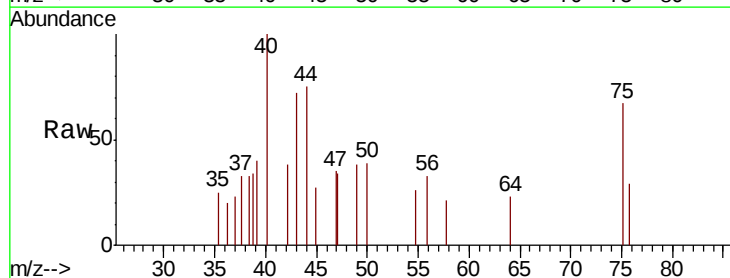
Instrument :
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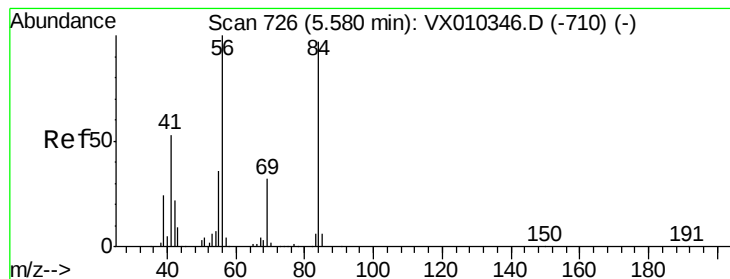
Tot Ion: 43 Resp: 25794
Ion Ratio Lower Upper
43 100
74 0.4 21.3 31.9#



#25
2-Butanone
Concen: 0.274 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.04 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#





#31

Cyclohexane

Concen: 54.358 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0595

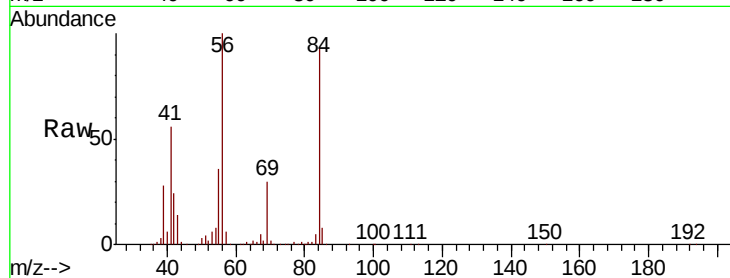
Tot Ion: 56 Resp: 180589

Ion Ratio Lower Upper

56 100

69 29.8 25.9 38.9

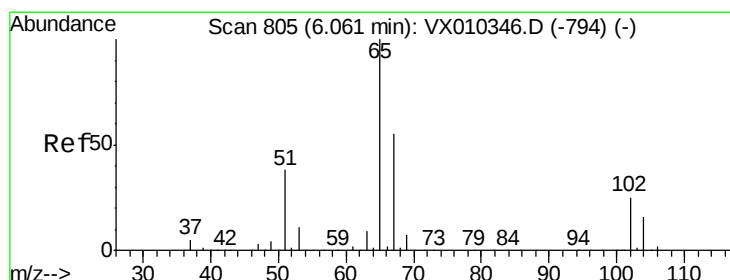
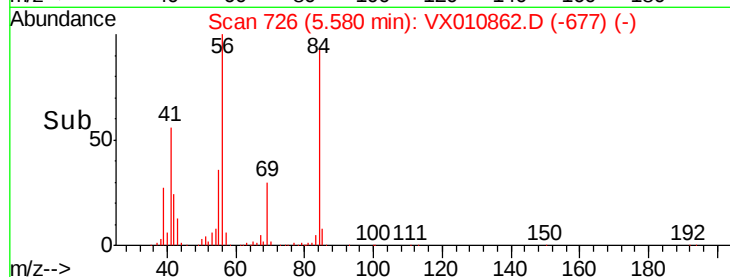
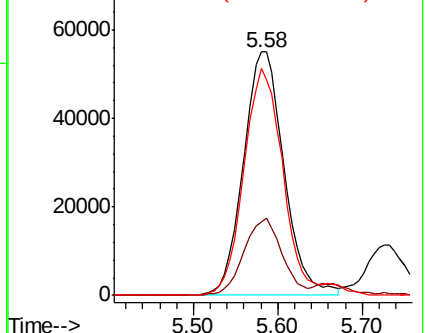
84 93.1 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.891 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010862.D

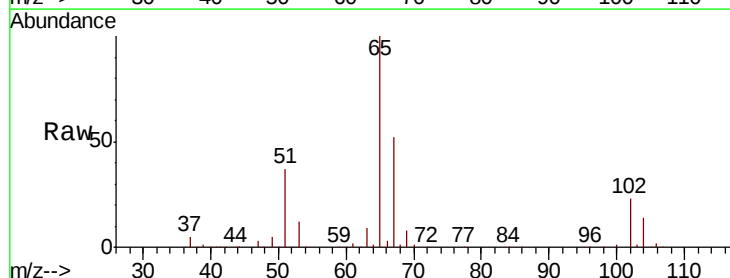
Acq: 13 Jul 2019 01:45

Tgt Ion: 65 Resp: 128548

Ion Ratio Lower Upper

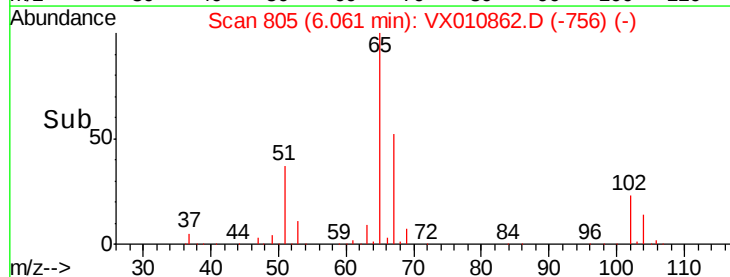
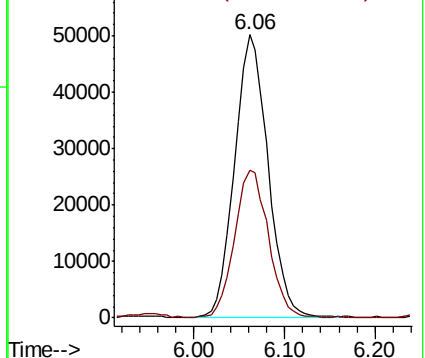
65 100

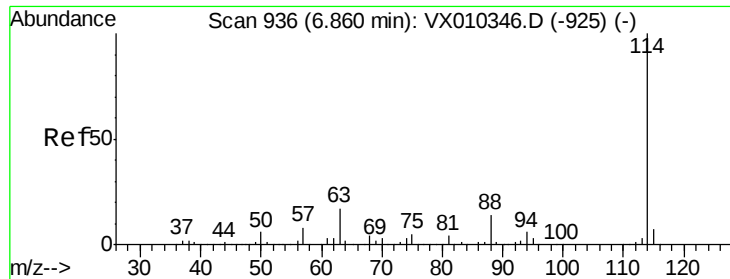
67 52.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

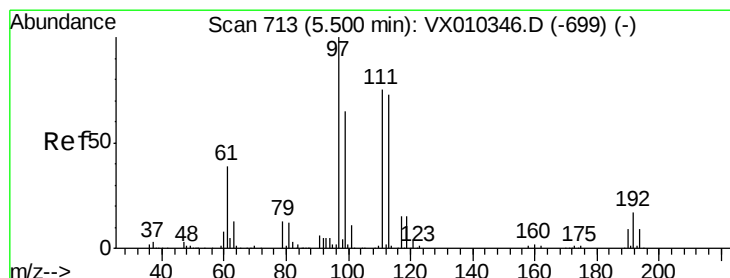
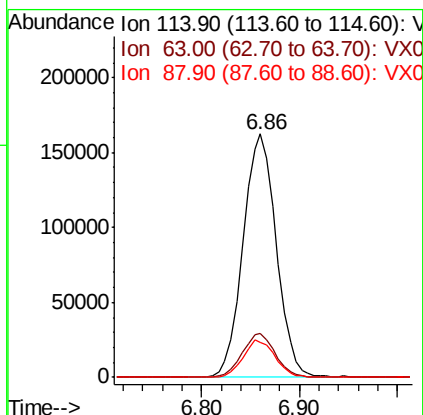
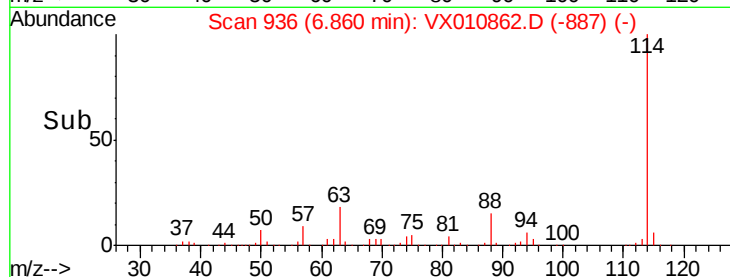
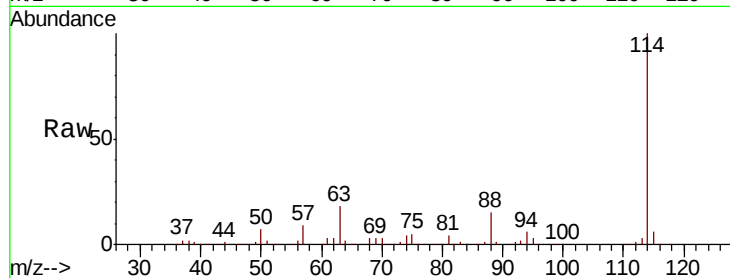




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

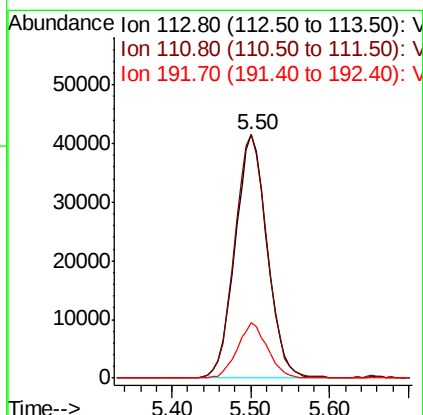
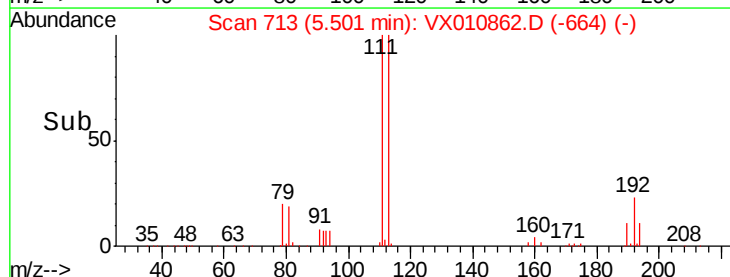
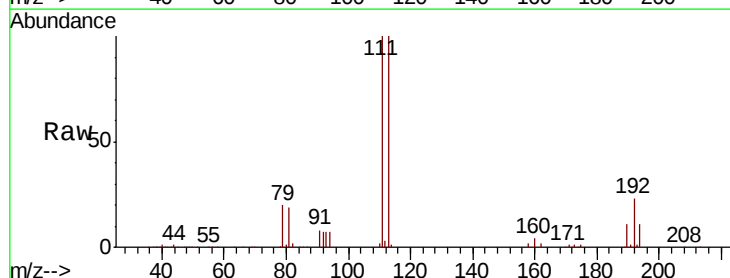
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0595

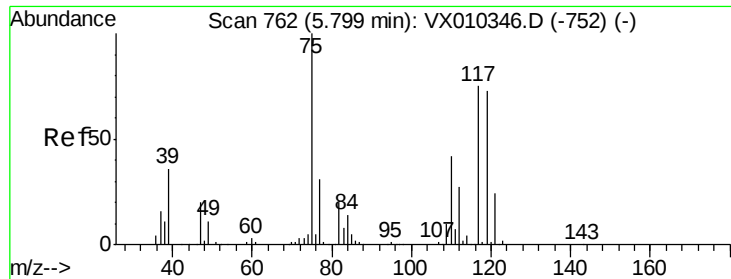
Tot Ion:114 Resp: 381746
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 33.8
 88 14.5 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 50.039 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

Tgt Ion:113 Resp: 116874
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.2 121.8
 192 21.6 18.6 27.8

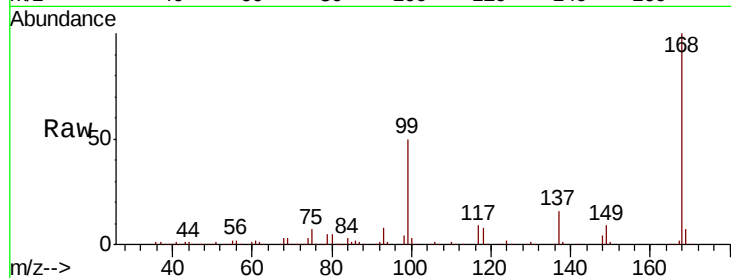




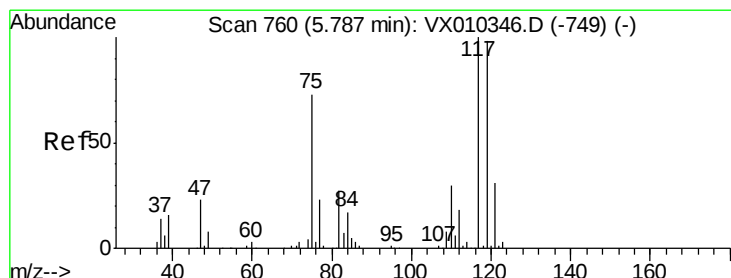
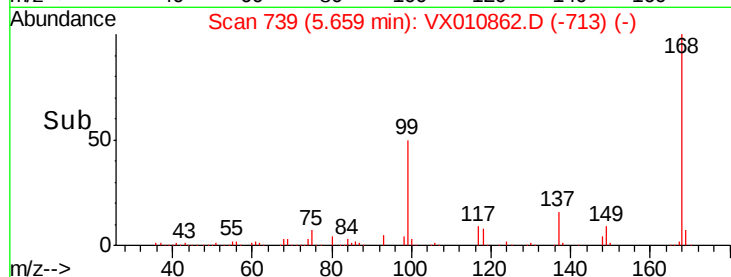
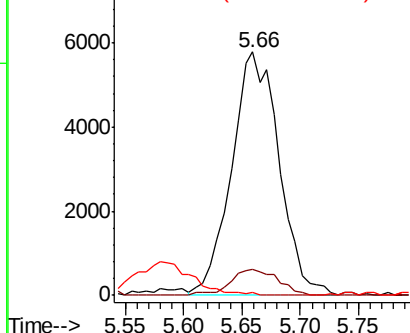
#36
 1,1-Dichloropropene
 Concen: 5.420 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0595

Tot Ion: 75 Resp: 16443
 Ion Ratio Lower Upper
 75 100
 110 10.6 20.8 62.2#
 77 0.0 25.4 38.0#

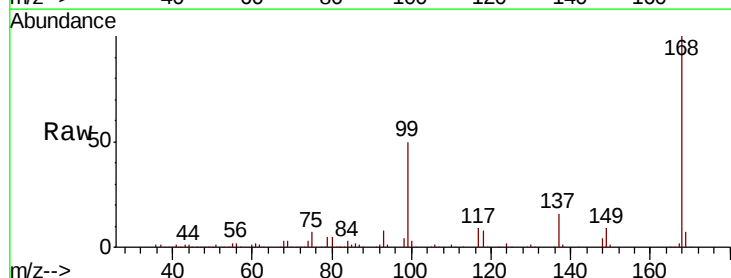


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

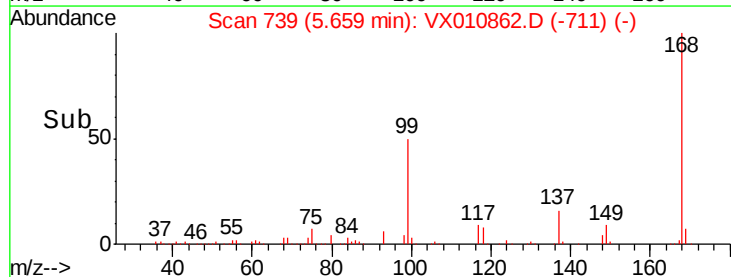
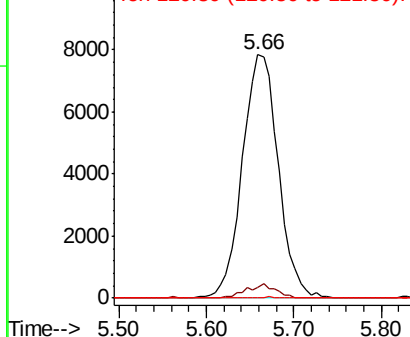


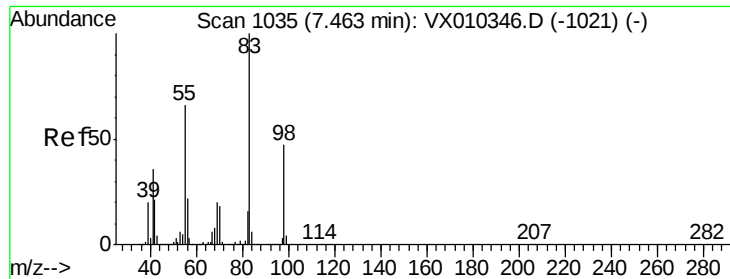
#38
 Carbon Tetrachloride
 Concen: 6.813 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

Tgt Ion: 117 Resp: 22380
 Ion Ratio Lower Upper
 117 100
 119 4.3 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

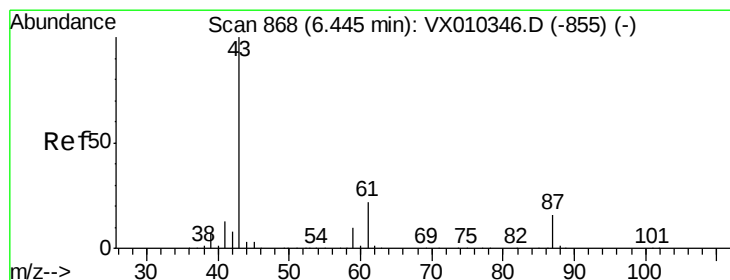
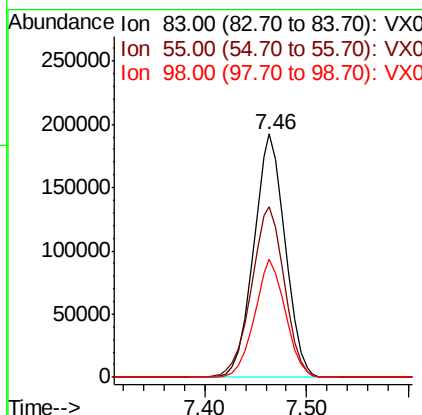
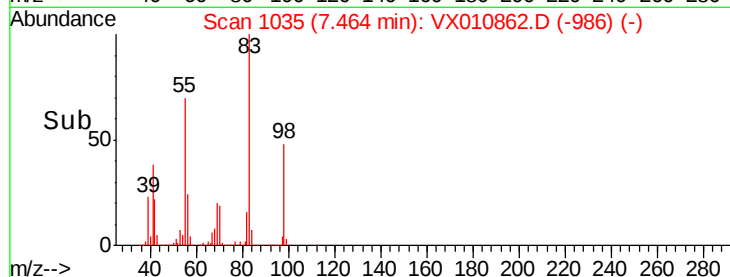
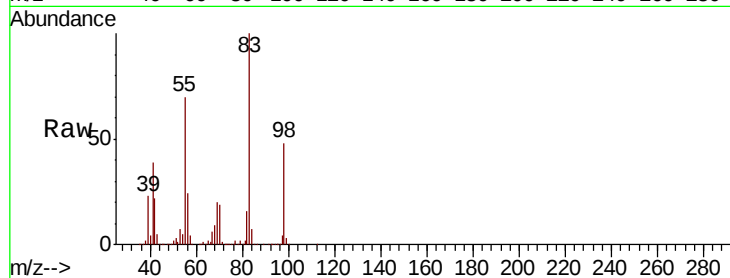




#39
Methvlcvclohexane
Concen: 103.106 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

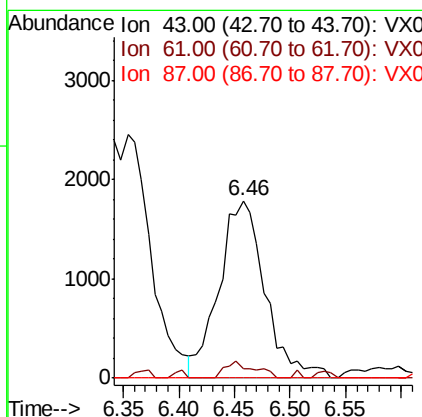
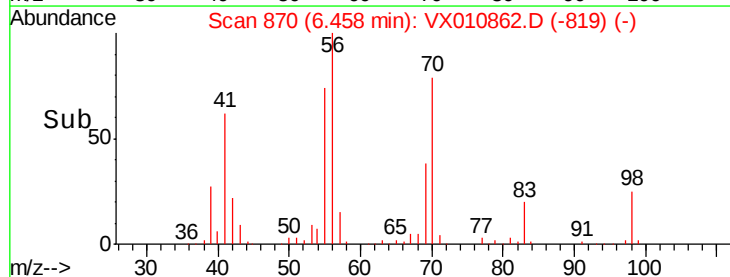
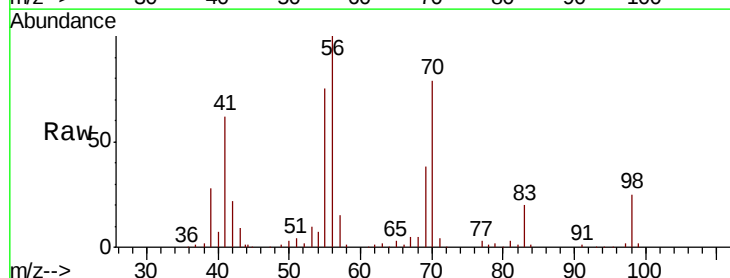
Instrument :
MSVOA_X
ClientSampled :
FL-0595

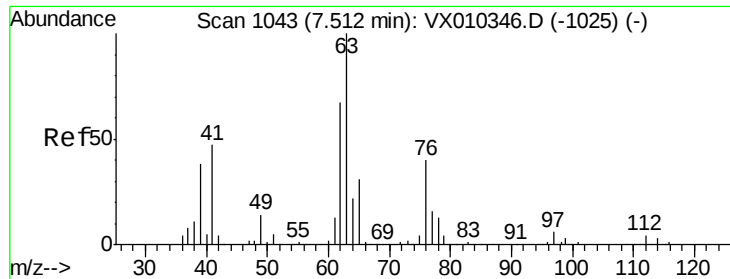
Tot Ion: 83 Resp: 411140
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 48.3 37.8 56.8



#43
Isopropyl Acetate
Concen: 0.992 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 43 Resp: 5120
Ion Ratio Lower Upper
43 100
61 6.0 17.8 26.6#
87 0.0 13.0 19.4#





#45

1,2-Dichloropropane

Concen: 1.635 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampled :

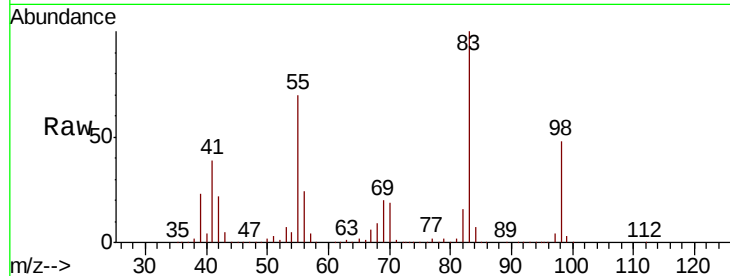
FL-0595

Tot Ion: 63 Resp: 3903

Ion Ratio Lower Upper

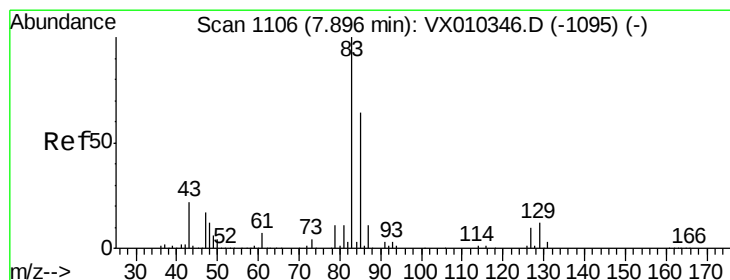
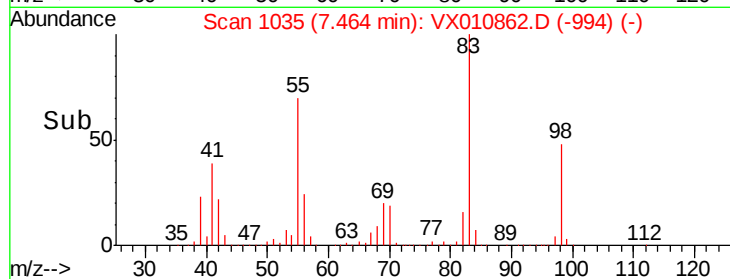
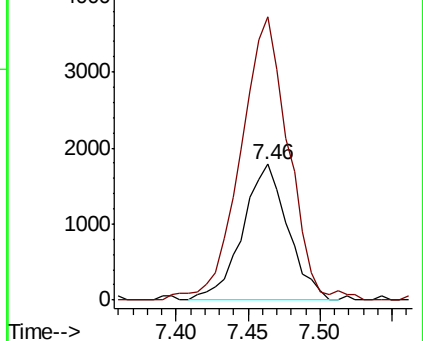
63 100

65 203.6 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.453 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

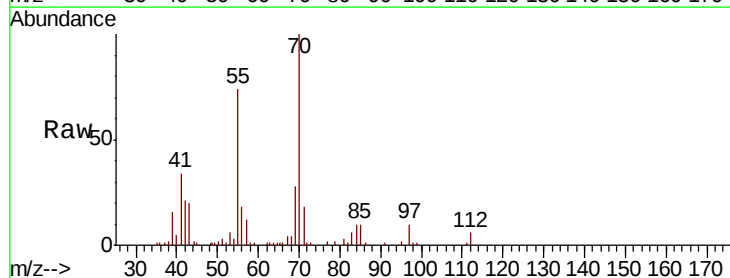
Tgt Ion: 83 Resp: 1421

Ion Ratio Lower Upper

83 100

85 176.7 51.5 77.3#

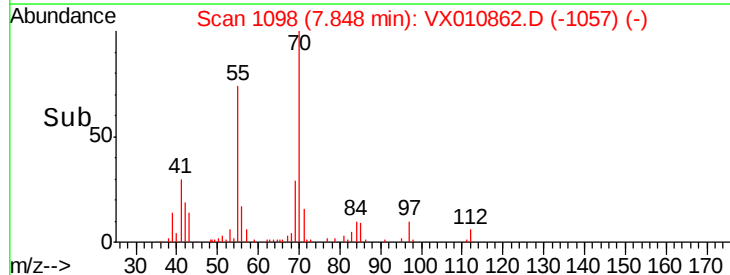
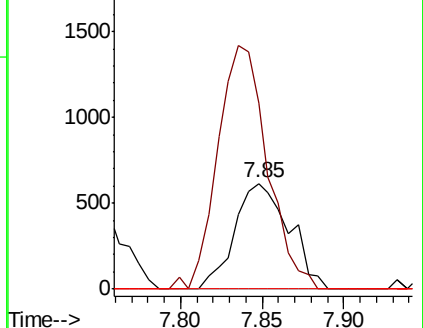
127 0.0 7.8 11.8#

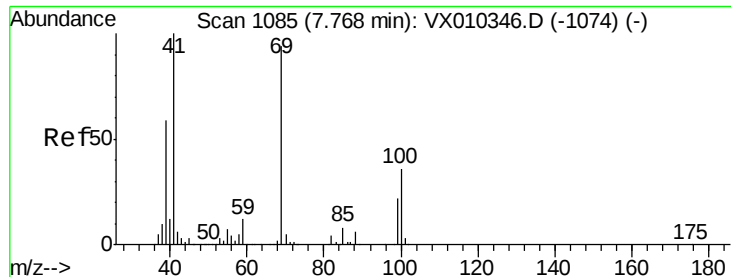


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methvl methacrylate

Concen: 7.816 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0595

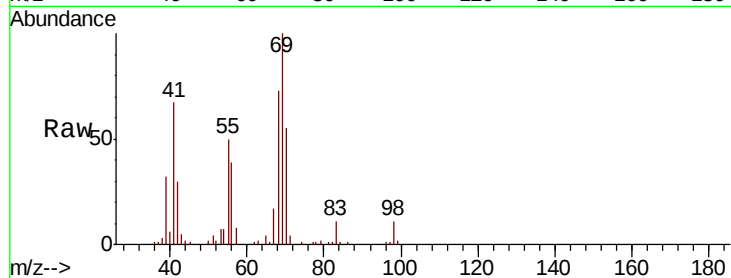
Tot Ion: 41 Resp: 18759

Ion Ratio Lower Upper

41 100

69 157.6 76.1 114.1#

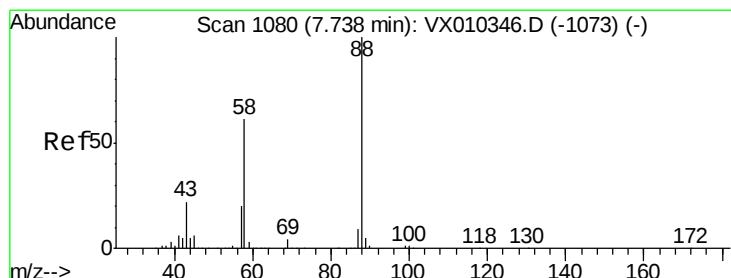
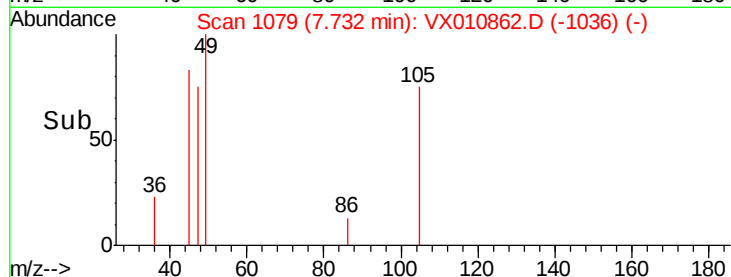
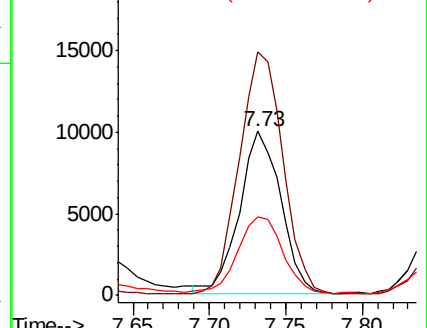
39 52.5 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.333 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

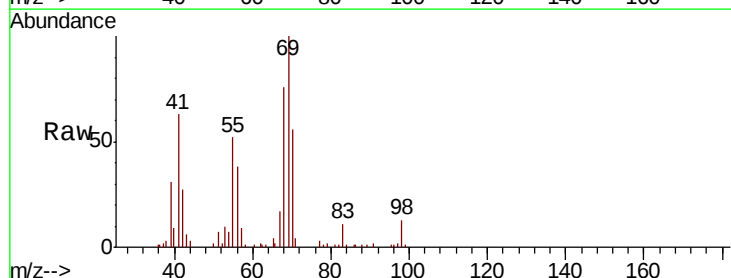
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

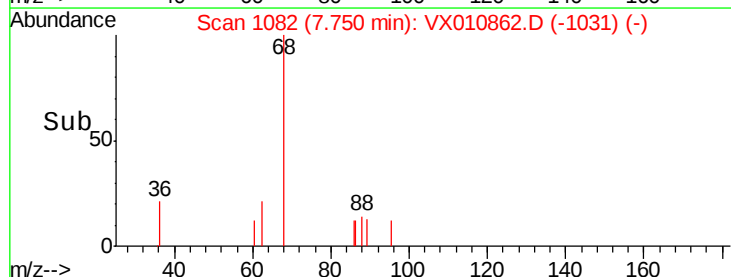
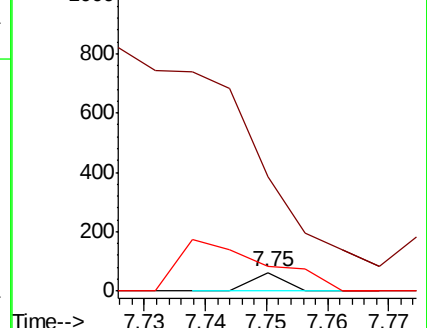
58 743.5 49.5 74.3#

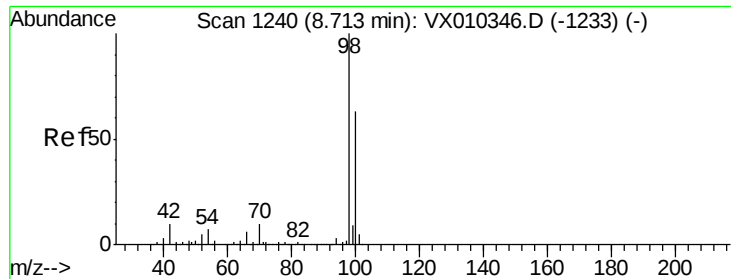


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

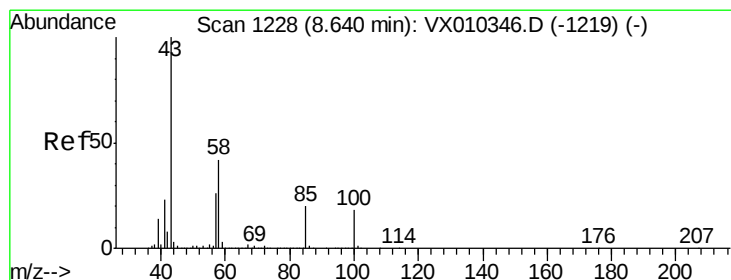
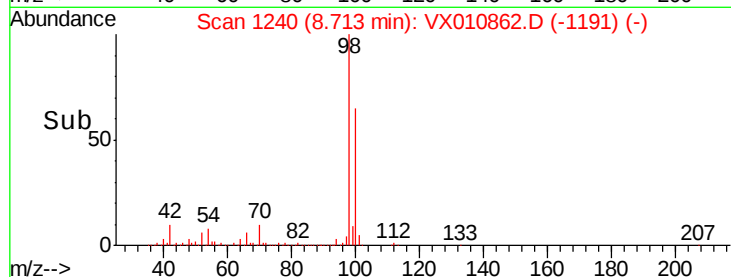
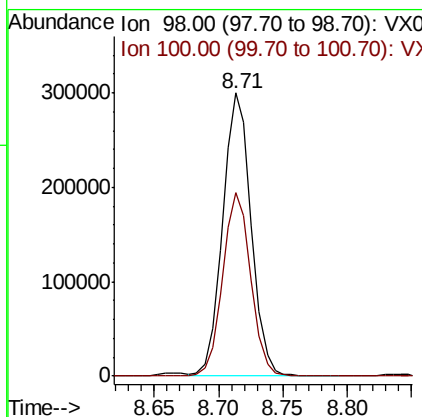
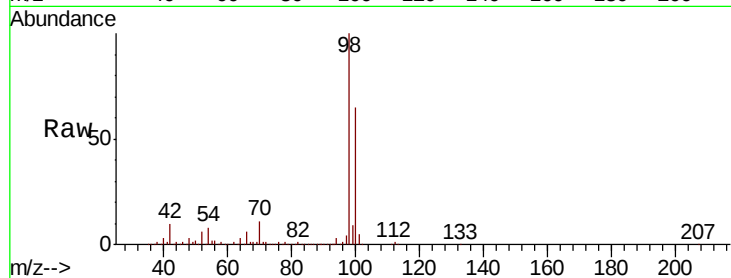




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

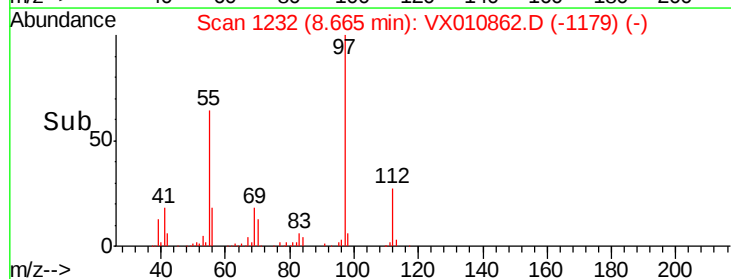
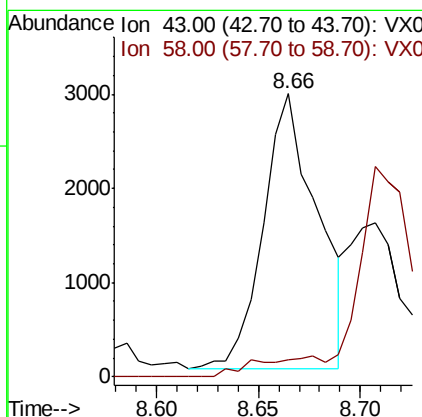
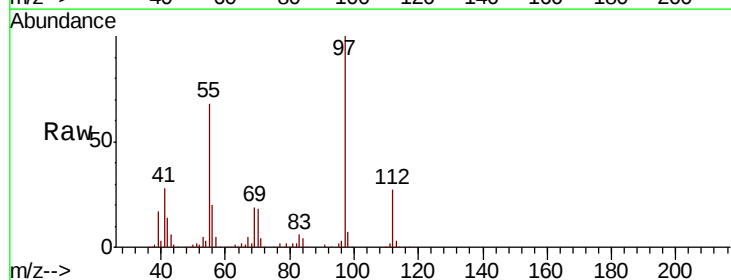
Instrument :
MSVOA_X
ClientSampleId :
FL-0595

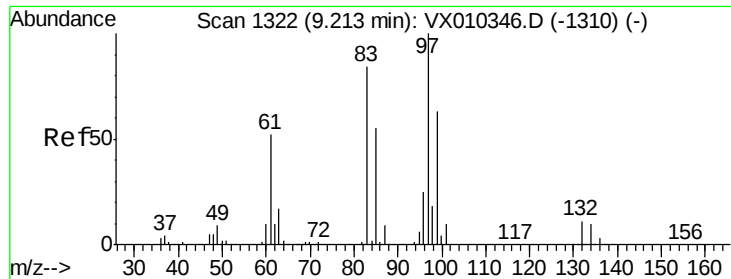
Tot Ion: 98 Resp: 463408
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.638 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 43 Resp: 5408
Ion Ratio Lower Upper
43 100
58 0.0 33.5 50.3#





#55

1,1,2-Trichloroethane

Concen: 13.556 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0595

Tot Ion: 97 Resp: 34796

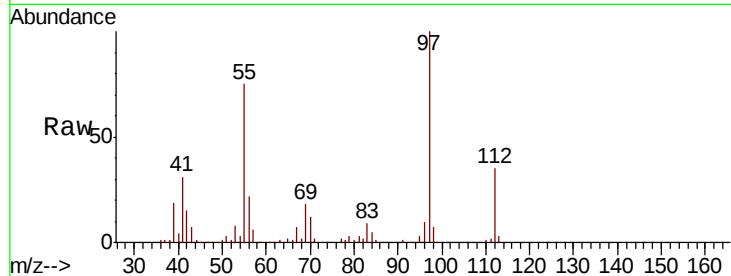
Ion Ratio Lower Upper

97 100

83 8.4 67.4 101.0#

85 0.6 43.8 65.8#

99 0.4 50.3 75.5#



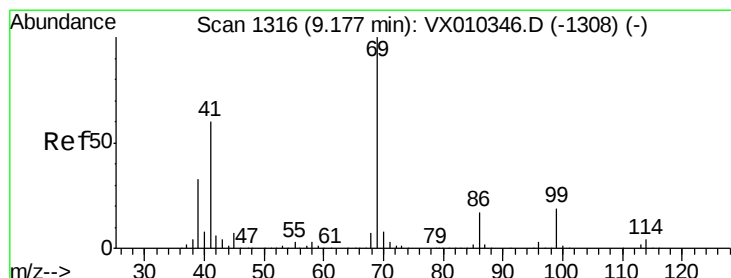
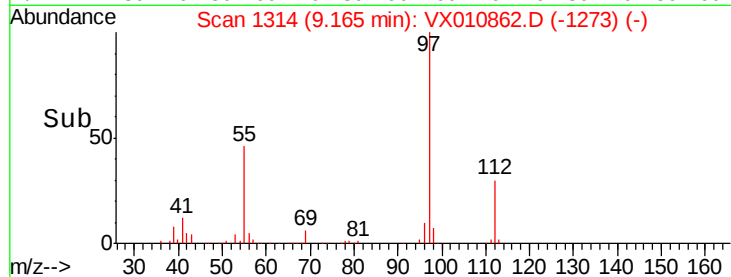
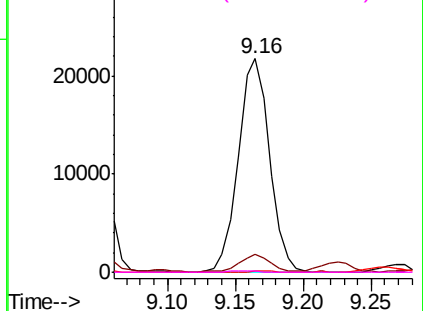
Abundance

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: 1.744 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

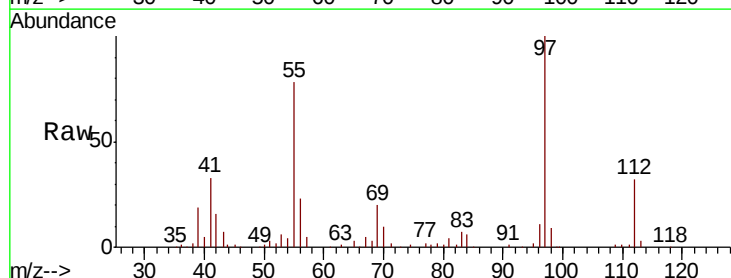
Tgt Ion: 69 Resp: 6780

Ion Ratio Lower Upper

69 100

41 164.5 47.1 70.7#

39 96.3 26.6 40.0#

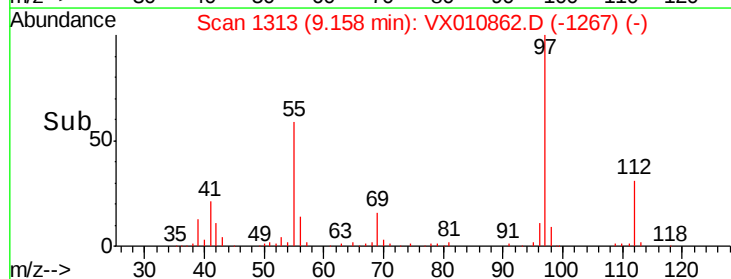
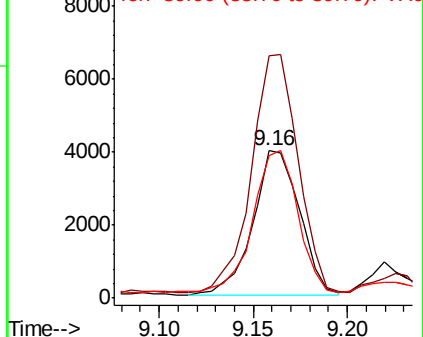


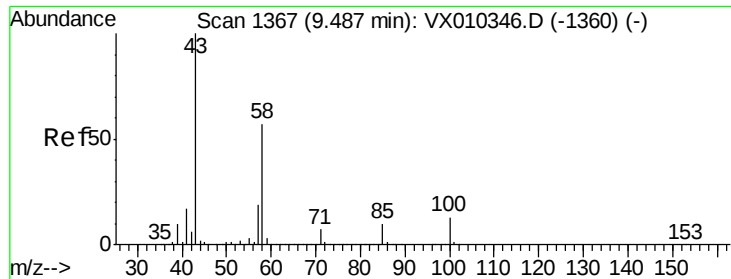
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

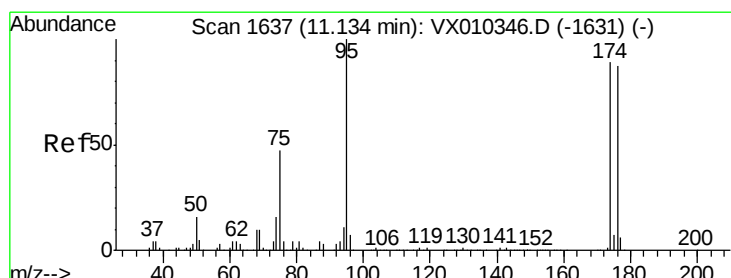
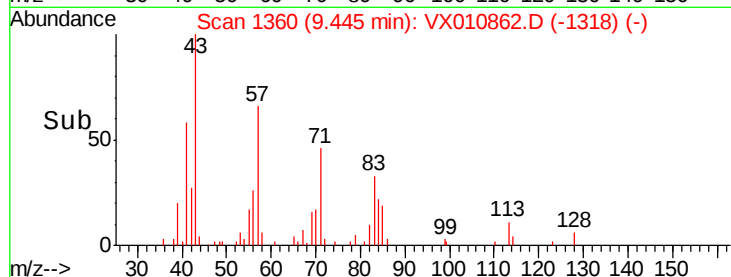
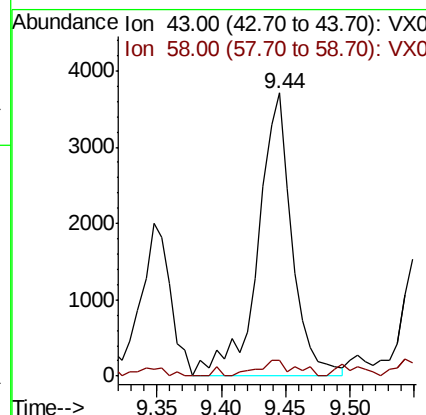
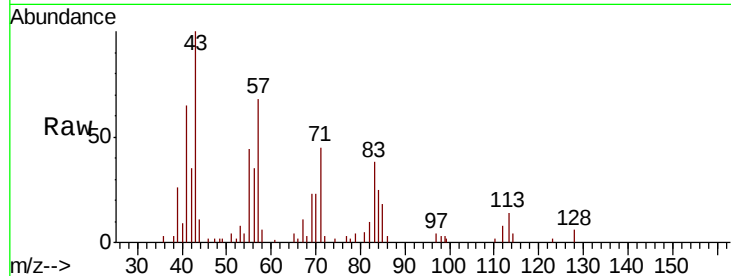




#59
2-Hexanone
Concen: 2.608 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

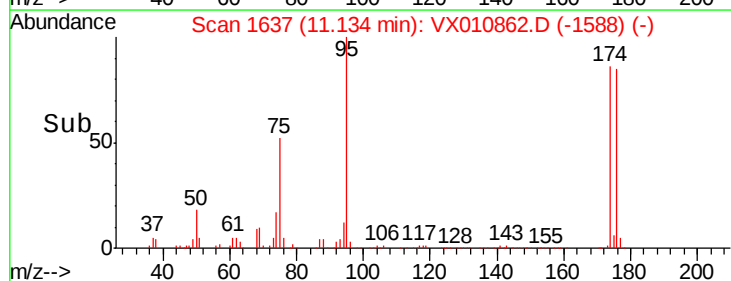
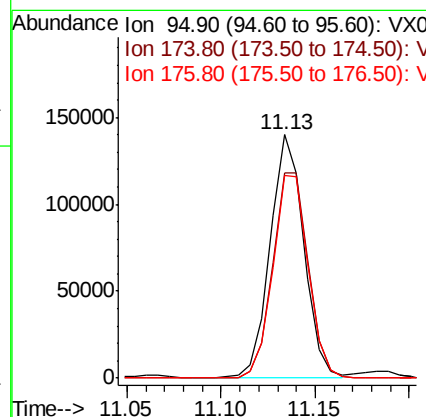
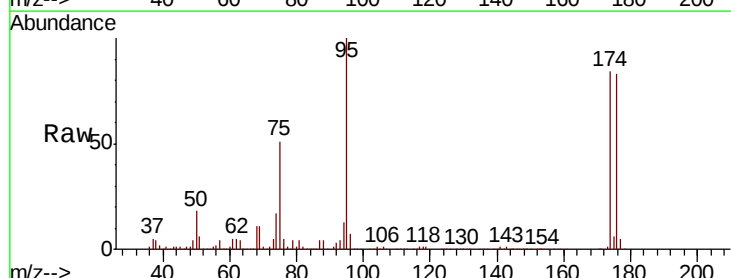
Instrument :
MSVOA_X
ClientSampled :
FL-0595

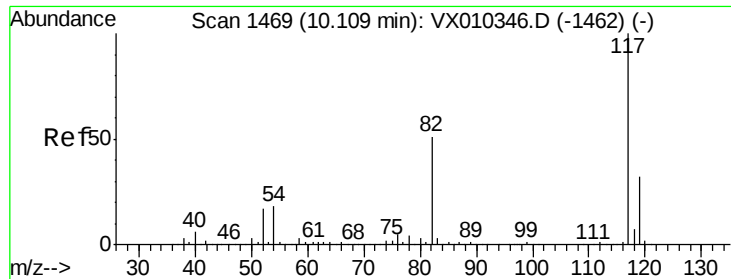
Tot Ion: 43 Resp: 6778
Ion Ratio Lower Upper
43 100
58 6.1 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 53.652 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 95 Resp: 173084
Ion Ratio Lower Upper
95 100
174 89.6 0.0 187.6
176 87.7 0.0 184.0

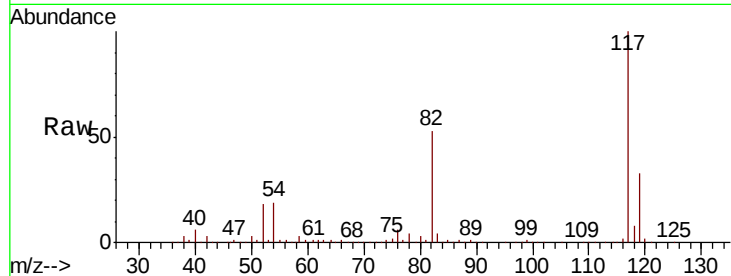




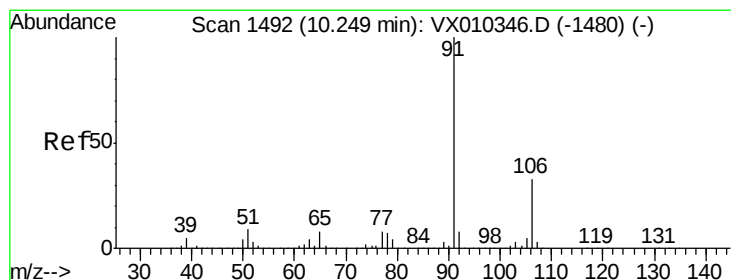
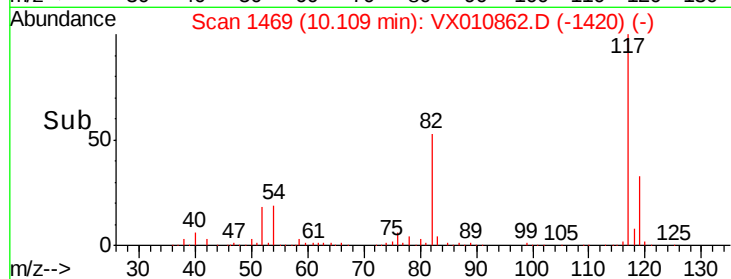
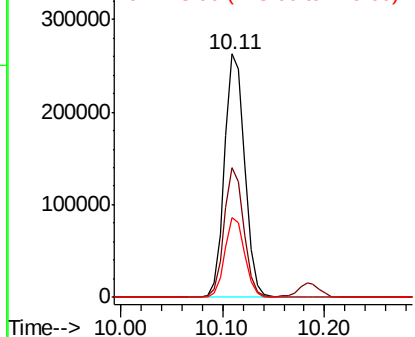
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Instrument :
MSVOA_X
ClientSampleId :
FL-0595

Tot Ion:117 Resp: 360092
Ion Ratio Lower Upper
117 100
82 53.1 41.2 61.8
119 32.7 25.5 38.3

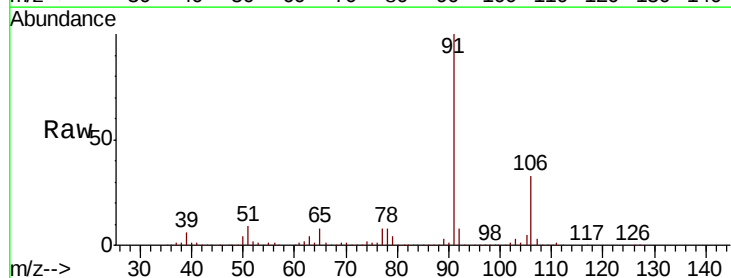


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

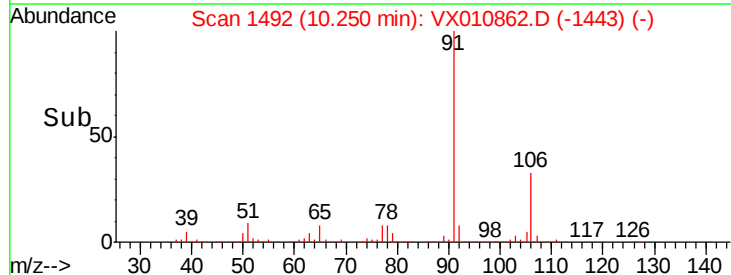
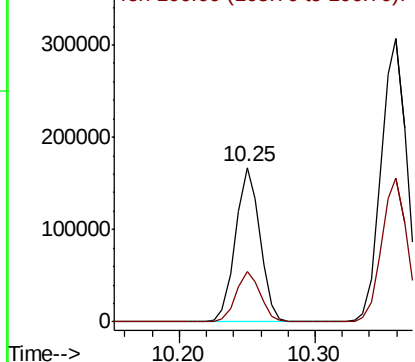


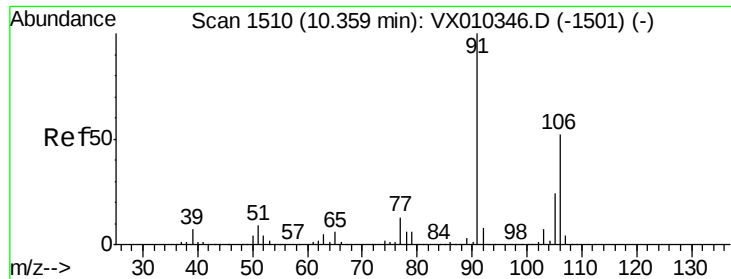
#67
Ethyl Benzene
Concen: 17.061 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 91 Resp: 210563
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



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

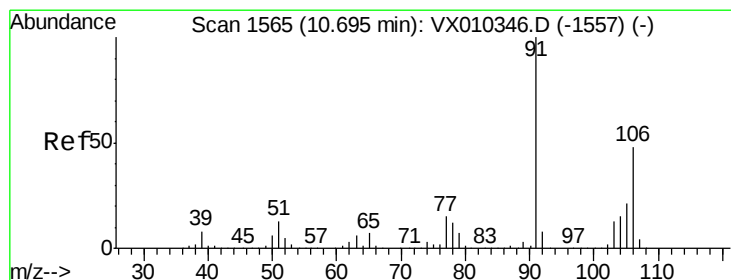
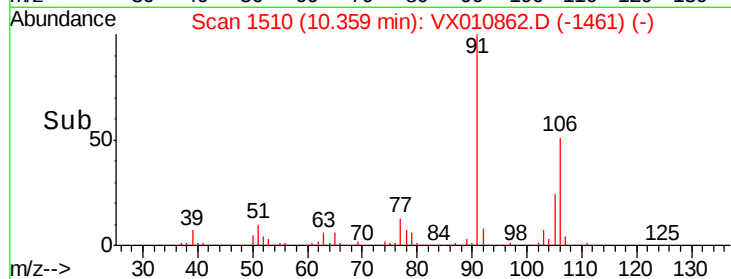
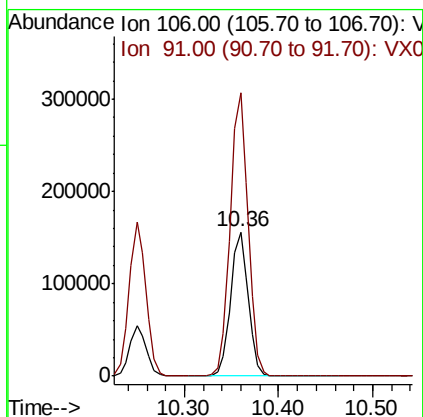
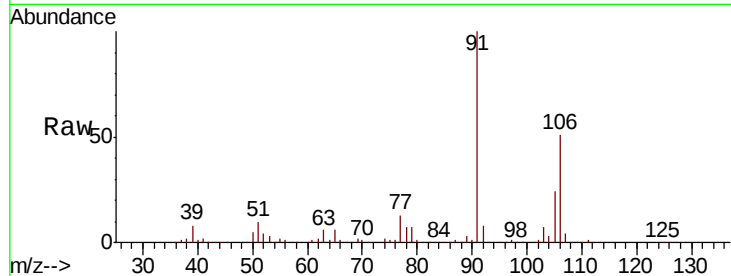




#68
m/p-Xylenes
Concen: 42.486 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

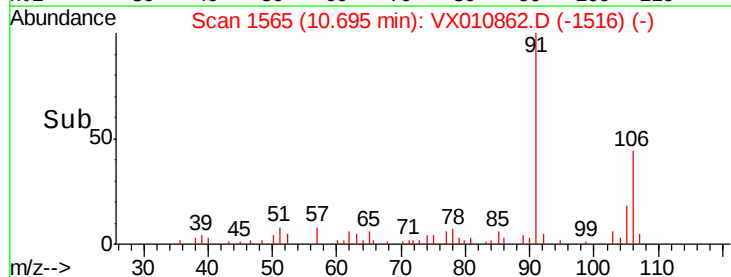
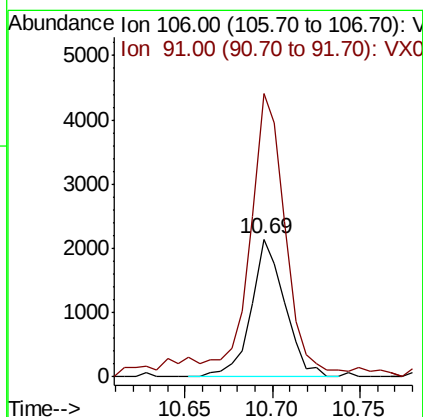
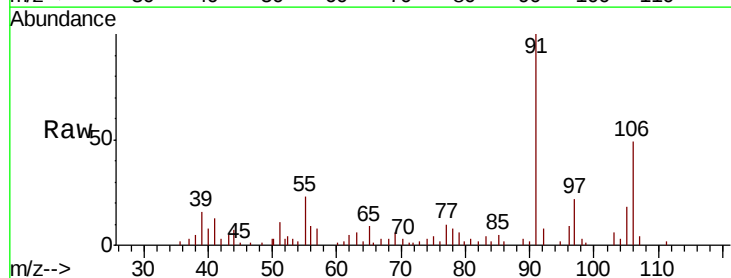
Instrument :
MSVOA_X
ClientSampleId :
FL-0595

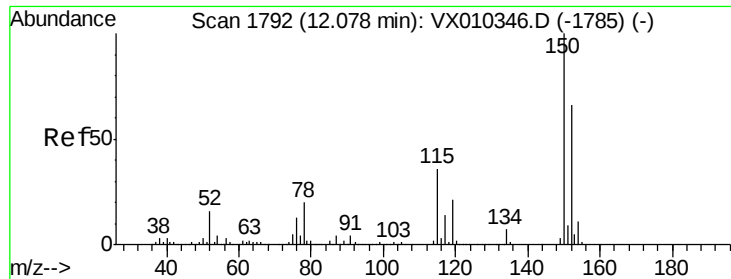
Tot Ion:106 Resp: 203174
Ion Ratio Lower Upper
106 100
91 199.1 155.3 232.9



#69
o-Xylene
Concen: 0.607 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion:106 Resp: 2856
Ion Ratio Lower Upper
106 100
91 203.3 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0595

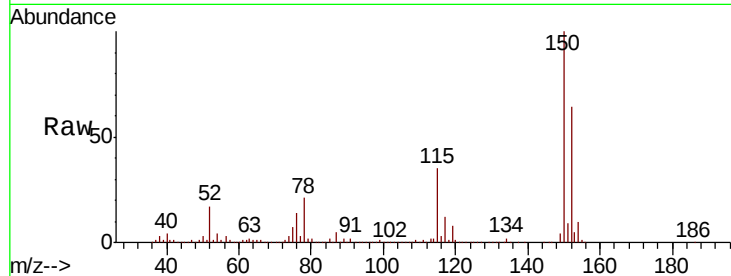
Tot Ion:152 Resp: 190326

Ion Ratio Lower Upper

152 100

115 63.1 38.6 115.7

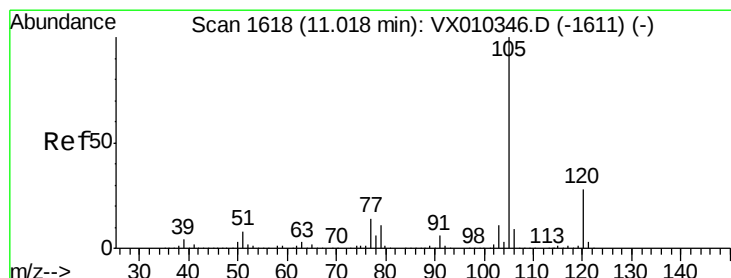
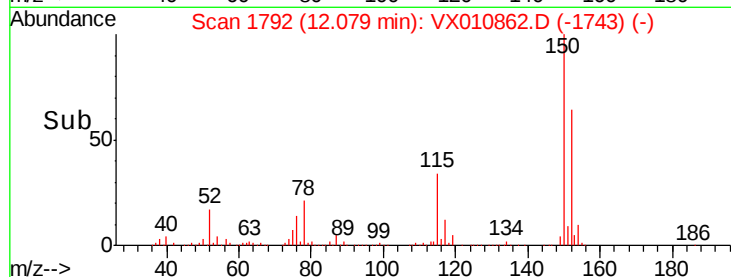
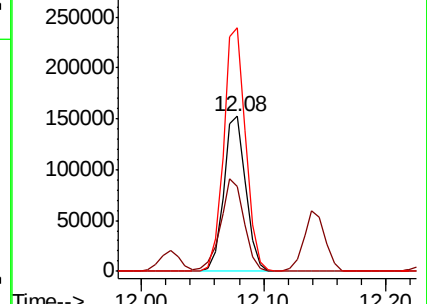
150 156.9 0.0 347.4



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: 29.625 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010862.D

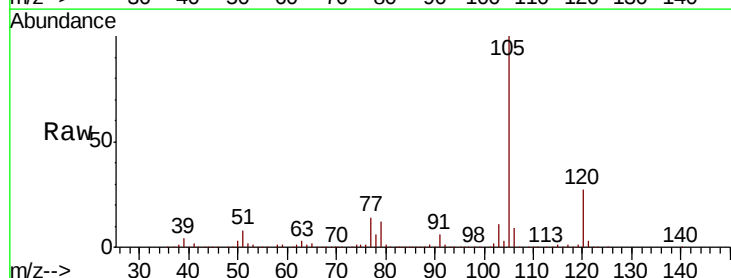
Acq: 13 Jul 2019 01:45

Tgt Ion:105 Resp: 382215

Ion Ratio Lower Upper

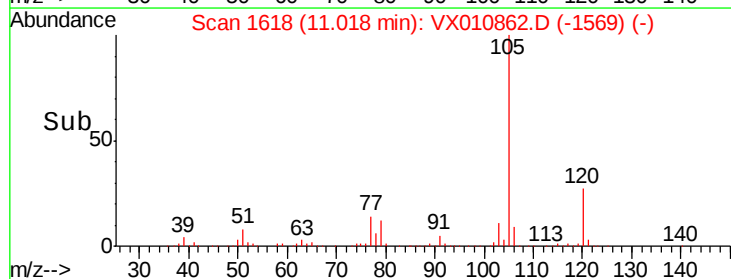
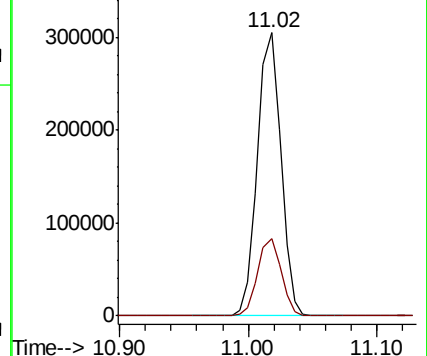
105 100

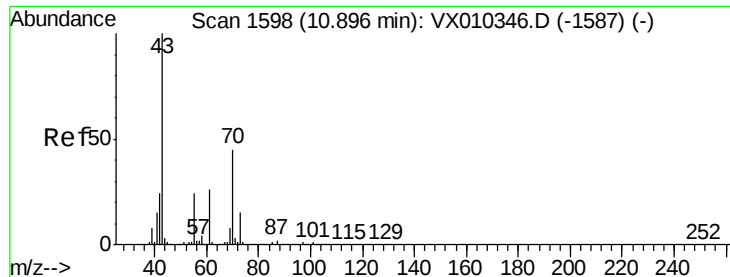
120 27.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.496 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampled :

FL-0595

Tot Ion: 43 Resp: 2419

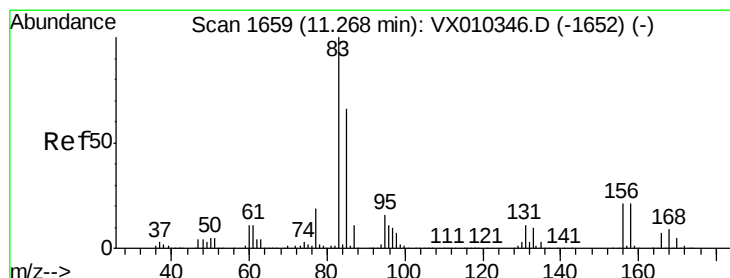
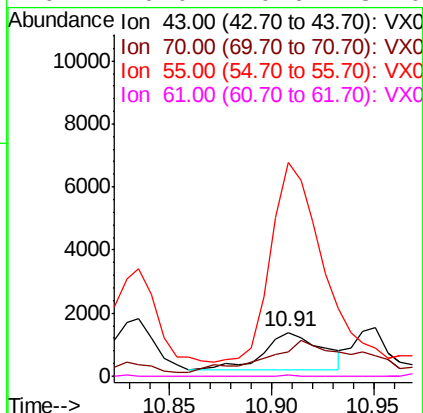
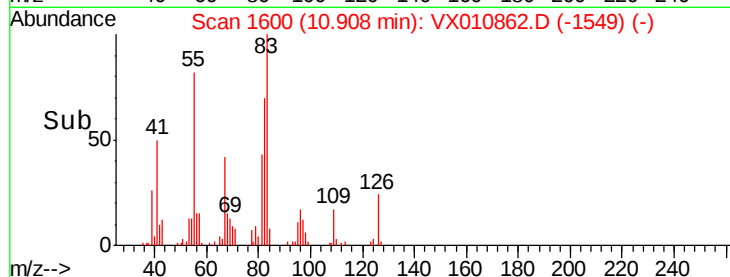
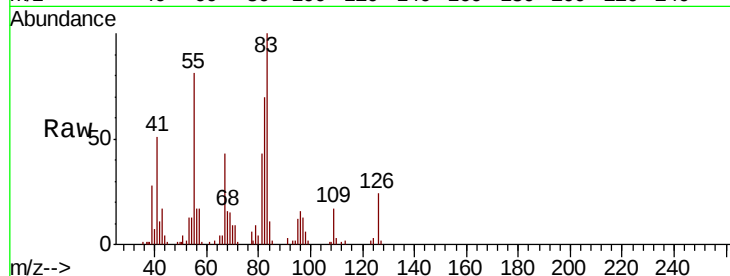
Ion Ratio Lower Upper

43 100

70 130.3 36.6 54.8#

55 486.4 18.7 28.1#

61 0.0 20.6 31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.700 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

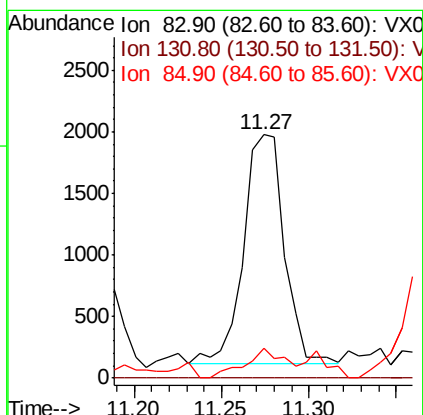
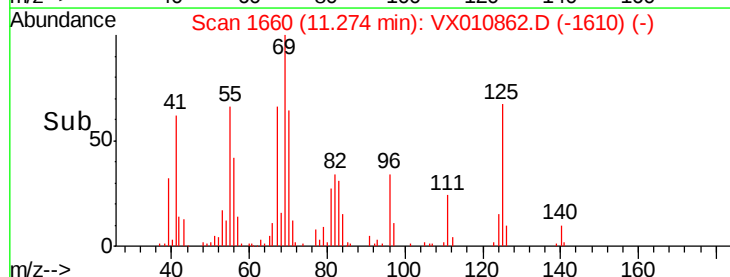
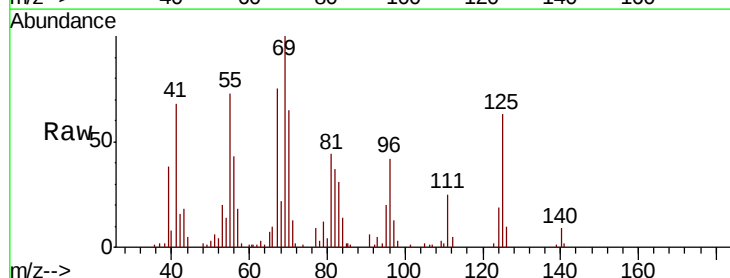
Tgt Ion: 83 Resp: 2991

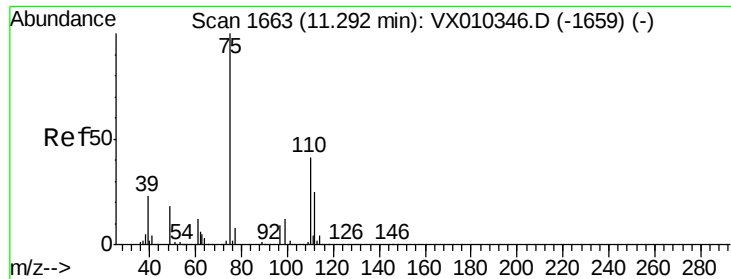
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 12.7 32.3 96.8#

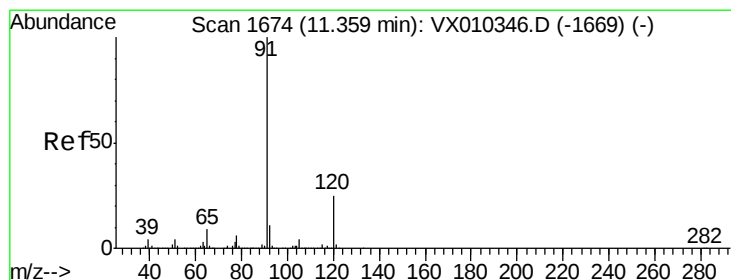
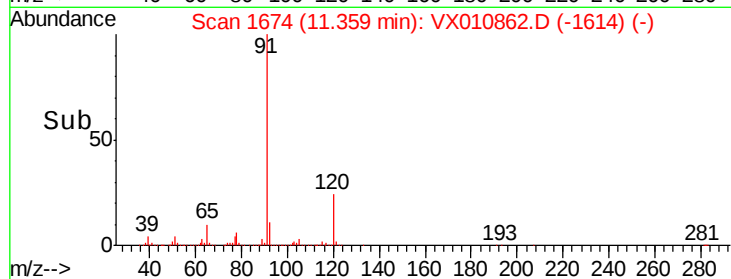
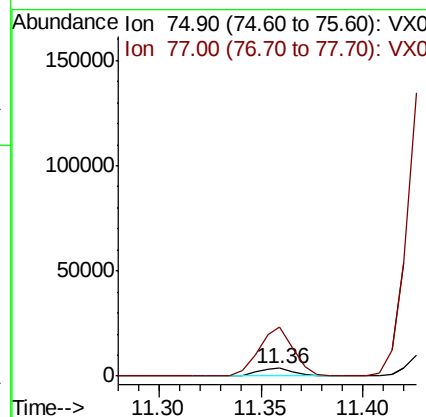
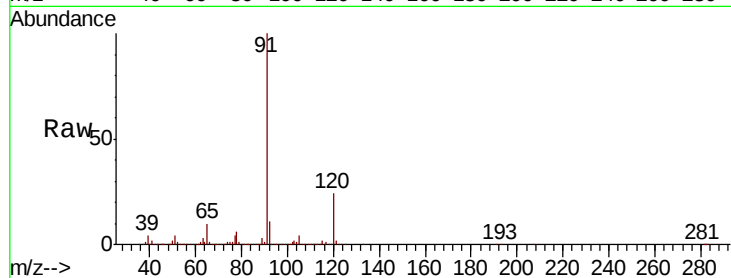




#76
 1,2,3-Trichloropropane
 Concen: 1.301 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.07 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

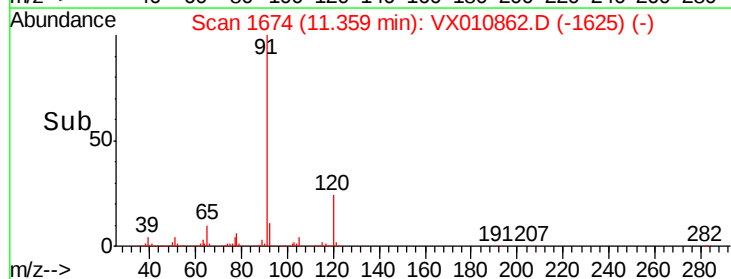
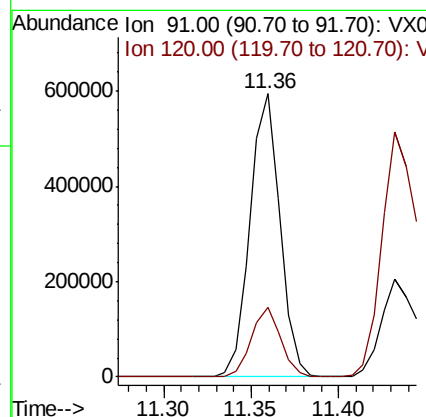
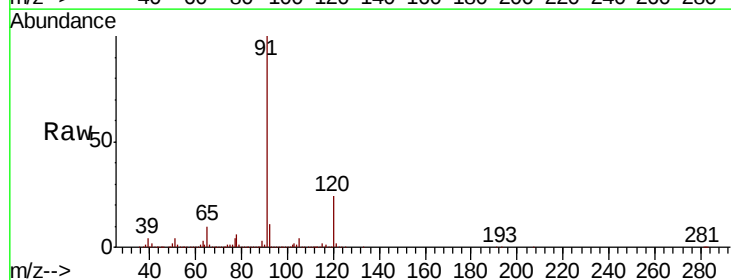
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0595

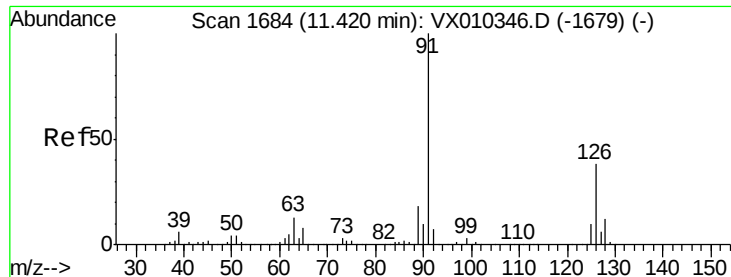
Tot Ion: 75 Resp: 4513
 Ion Ratio Lower Upper
 75 100
 77 613.0 22.6 67.8#



#78
 n-propylbenzene
 Concen: 49.851 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

Tgt Ion: 91 Resp: 706862
 Ion Ratio Lower Upper
 91 100
 120 24.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 43.748 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampled :

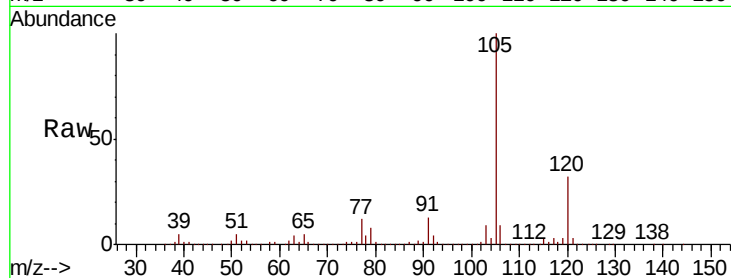
FL-0595

Tot Ion: 91 Resp: 369388

Ion Ratio Lower Upper

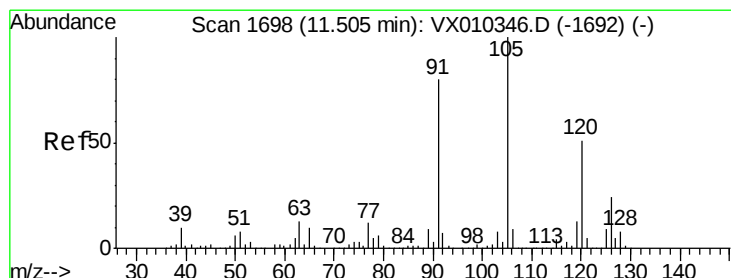
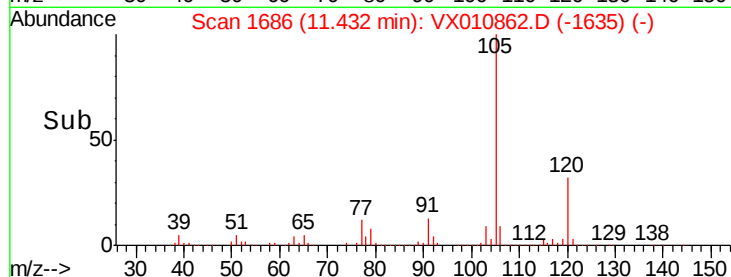
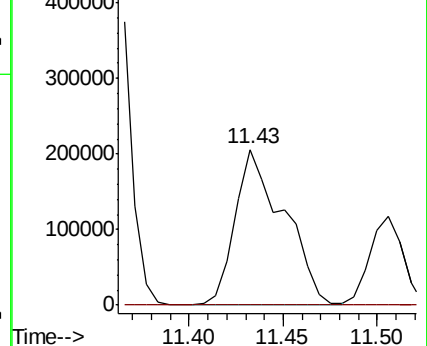
91 100

126 0.1 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: 125.927 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010862.D

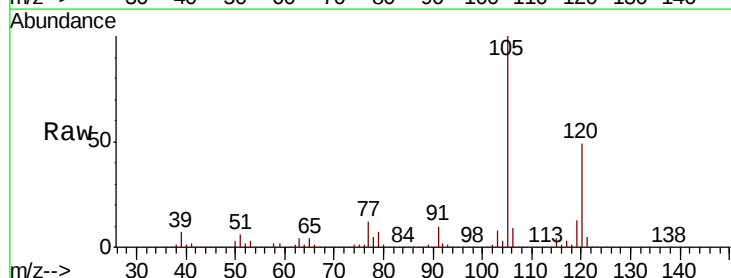
Acq: 13 Jul 2019 01:45

Tgt Ion:105 Resp: 1339352

Ion Ratio Lower Upper

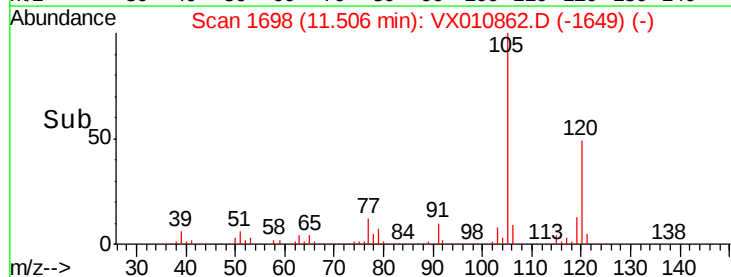
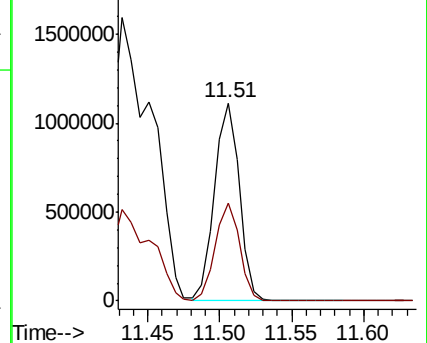
105 100

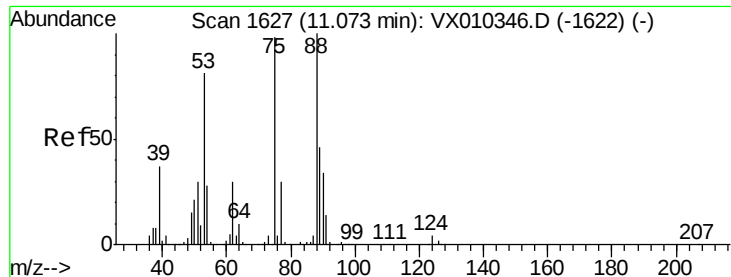
120 49.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

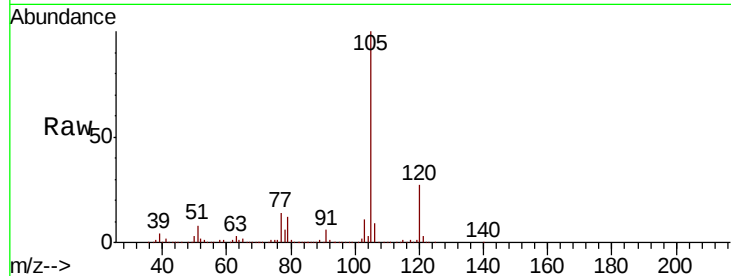




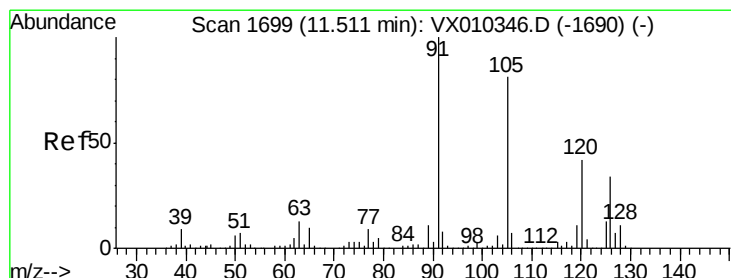
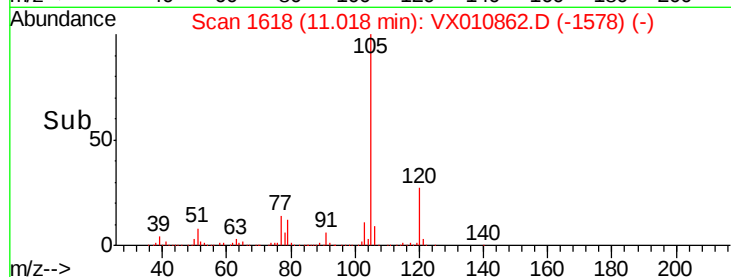
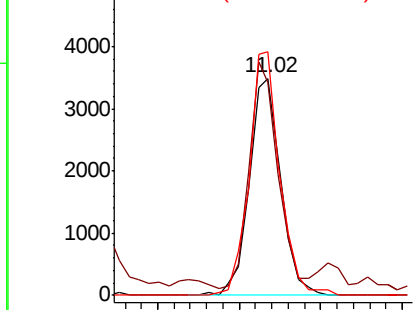
#81
trans-1,4-Dichloro-2-butene
Concen: 3.154 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.05 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Instrument :
MSVOA_X
ClientSampleId :
FL-0595

Tot Ion: 75 Resp: 4689
Ion Ratio Lower Upper
75 100
53 95.2 66.1 99.1
89 109.7 37.8 56.6#

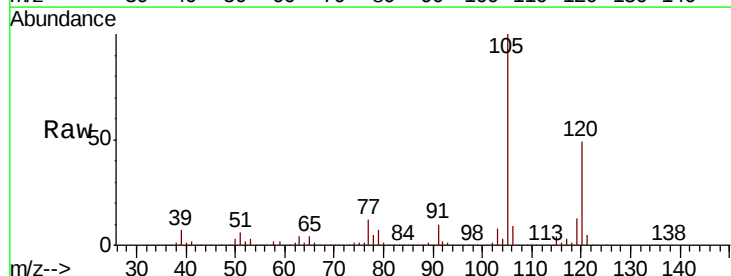


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

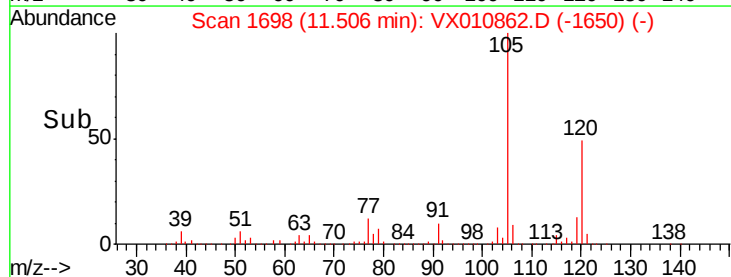
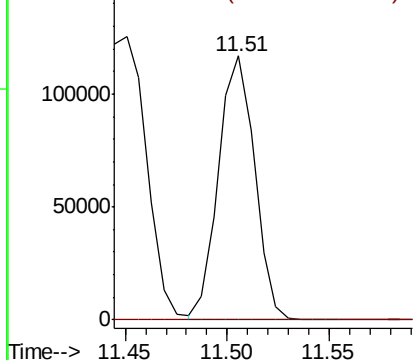


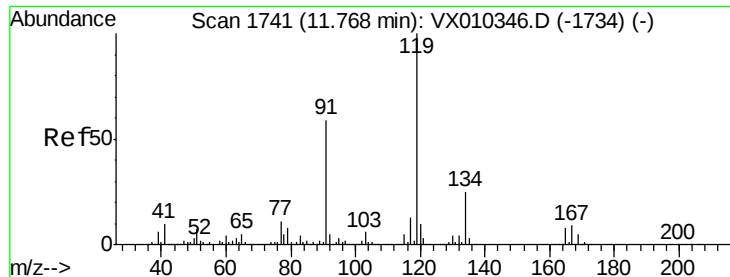
#82
4-Chlorotoluene
Concen: 14.932 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 91 Resp: 143465
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: 1.525 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0595

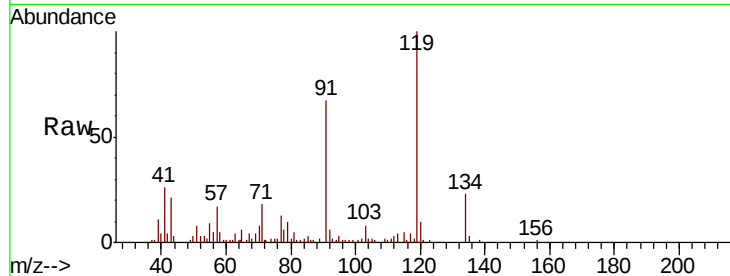
Tot Ion:119 Resp: 16282

Ion Ratio Lower Upper

119 100

91 0.0 27.6 82.7#

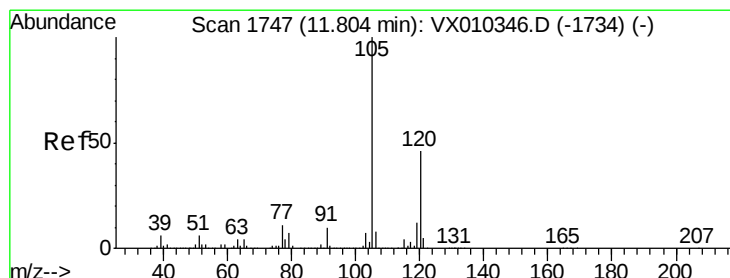
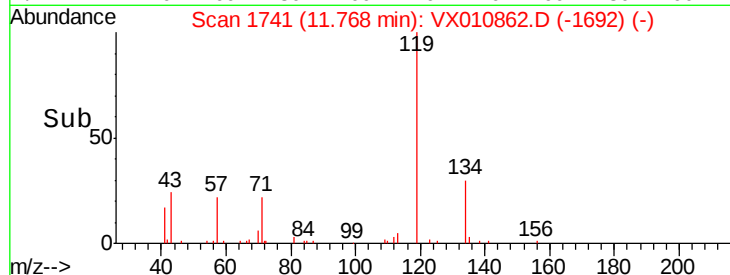
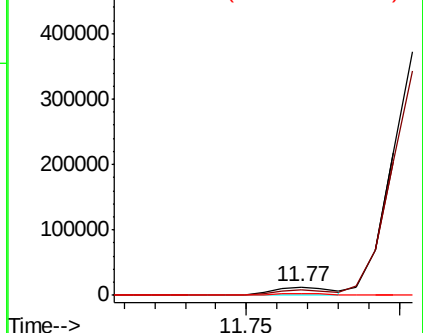
134 24.1 11.8 35.4



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: 366.213 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010862.D

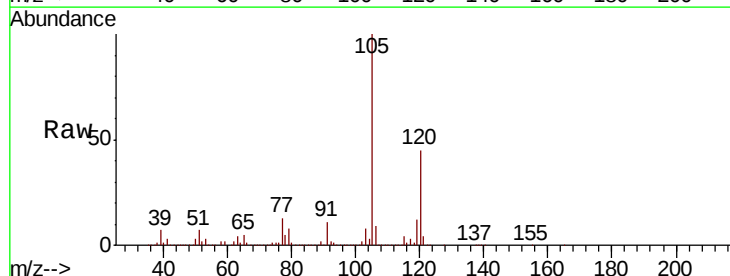
Acq: 13 Jul 2019 01:45

Tgt Ion:105 Resp: 3913277

Ion Ratio Lower Upper

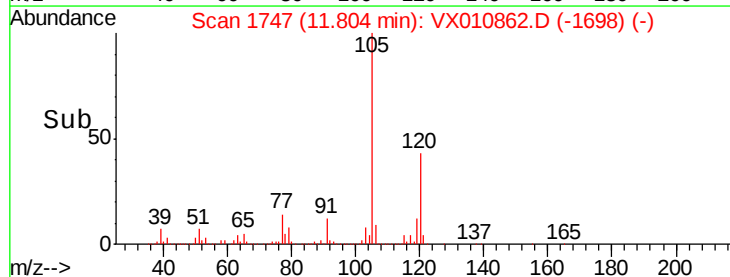
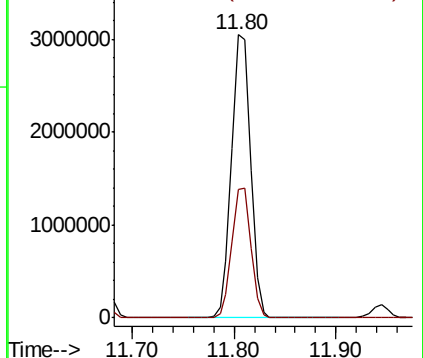
105 100

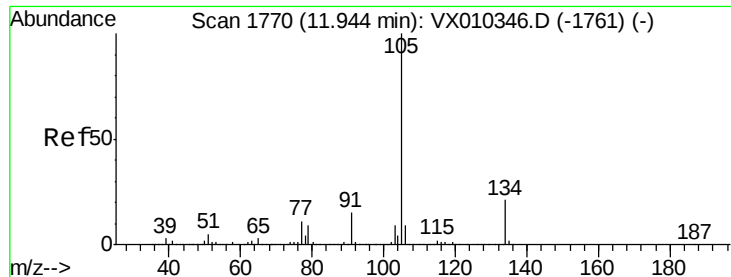
120 46.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 13.300 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

Instrument :

MSVOA_X

ClientSampled :

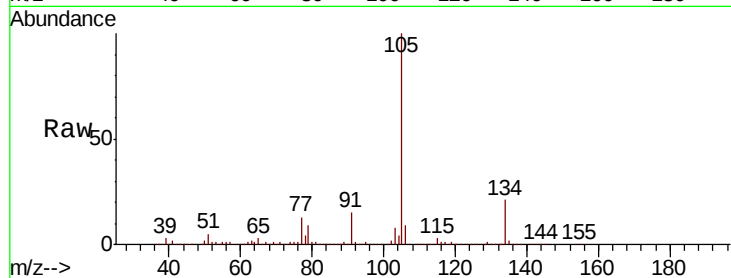
FL-0595

Tot Ion:105 Resp: 166698

Ion Ratio Lower Upper

105 100

134 29.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

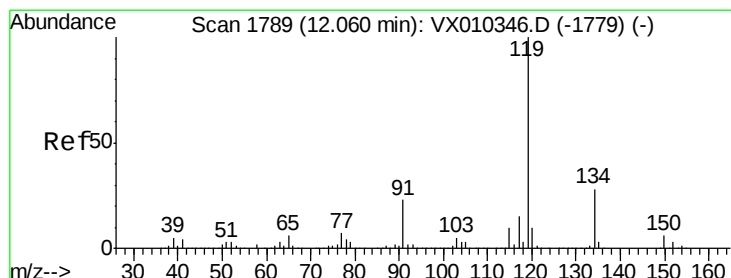
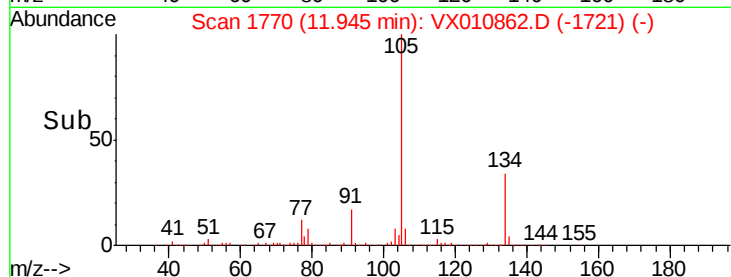
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 16.396 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010862.D

Acq: 13 Jul 2019 01:45

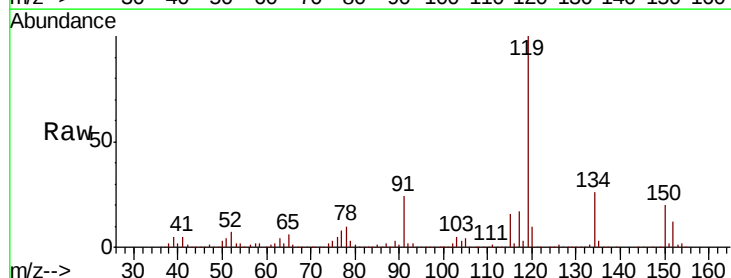
Tgt Ion:119 Resp: 190084

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 23.6 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

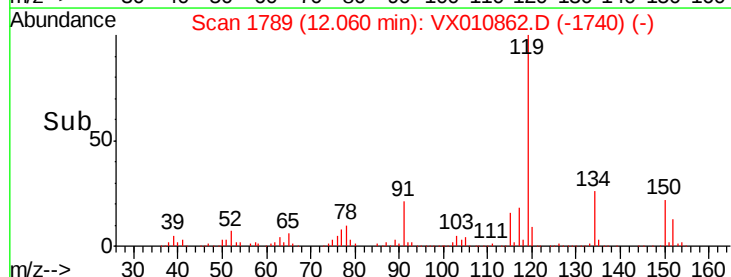
300000

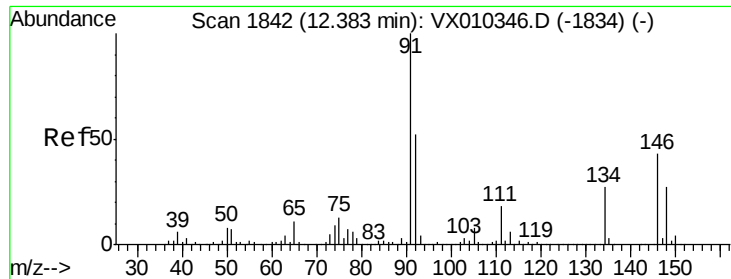
200000

100000

0

Time-->

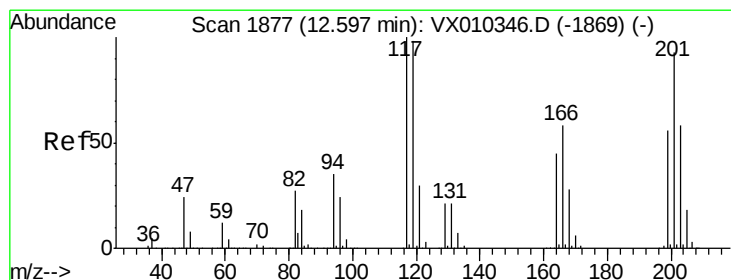
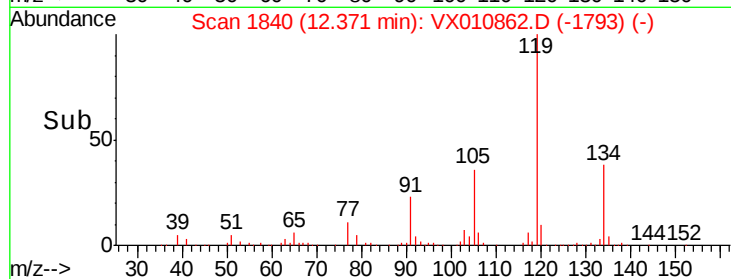
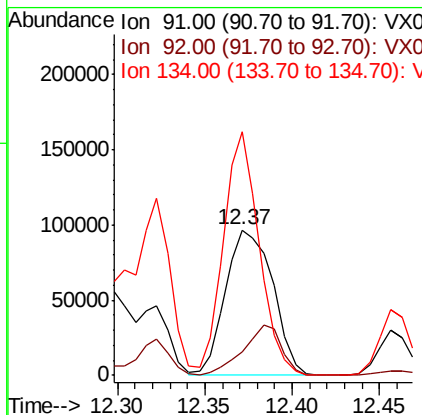
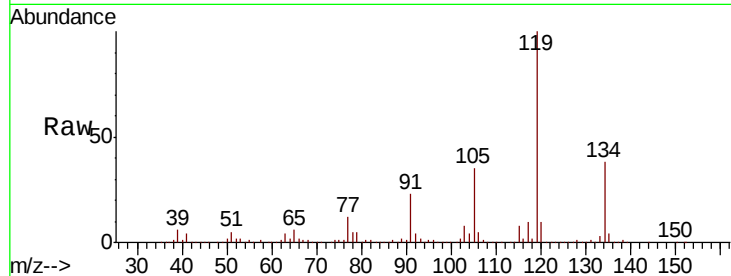




#89
n-Butylbenzene
Concen: 18.426 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

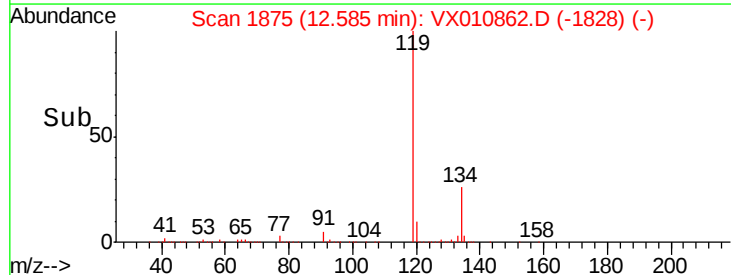
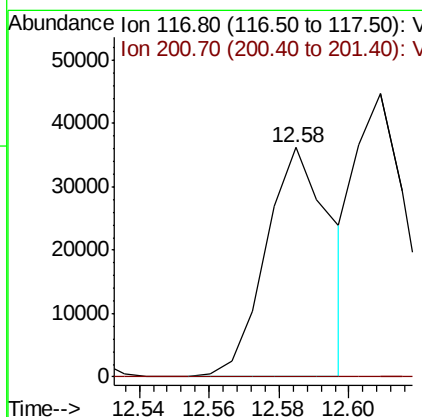
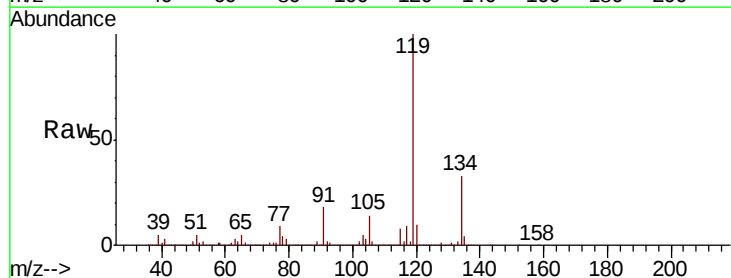
Instrument :
MSVOA_X
ClientSampled :
FL-0595

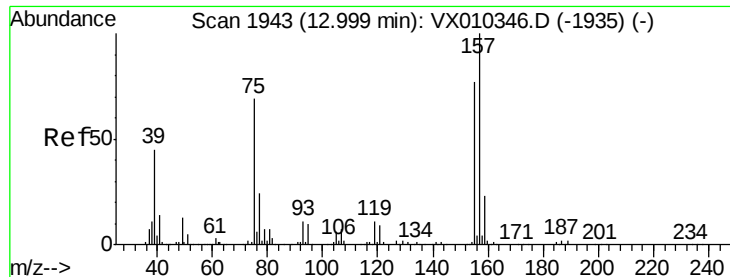
Tot Ion: 91 Resp: 181527
Ion Ratio Lower Upper
91 100
92 28.2 26.2 78.5
134 125.2 14.1 42.4#



#90
Hexachloroethane
Concen: 23.292 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010862.D
Acq: 13 Jul 2019 01:45

Tgt Ion: 117 Resp: 46694
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

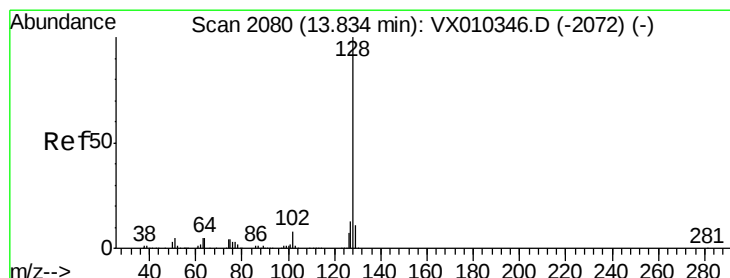
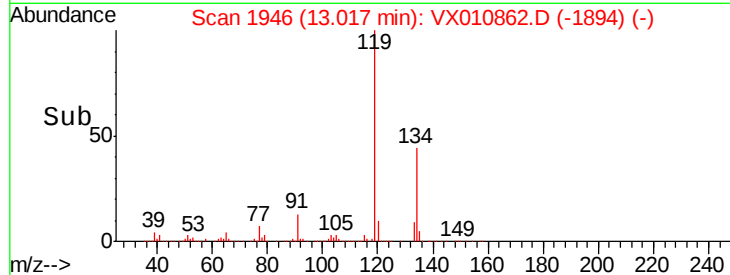
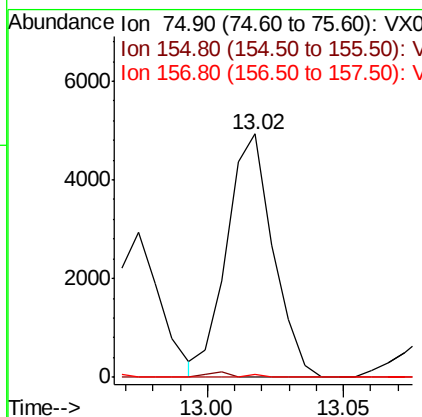
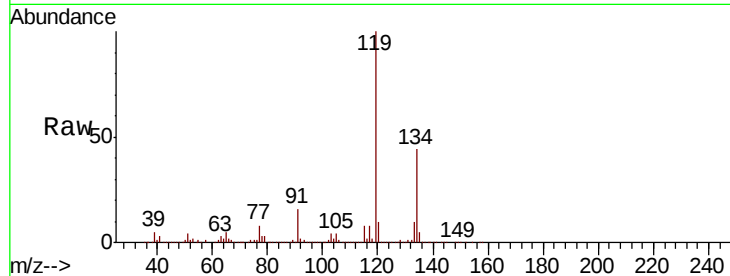




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.310 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0595

Tot Ion: 75 Resp: 5813
 Ion Ratio Lower Upper
 75 100
 155 1.1 54.4 163.1#
 157 0.3 69.5 208.3#



#95
 Naphthalene
 Concen: 29.870 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010862.D
 Acq: 13 Jul 2019 01:45

Tgt Ion:128 Resp: 397845
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 12.4 8.9 13.3

