

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010840.D
 Acq On : 12 Jul 2019 16:49
 Operator : JC/SP
 Sample : K3786-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0589

Quant Time: Jul 13 01:40:24 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	212925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154674	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	108252	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	
35) Dibromofluoromethane	5.50	113	101094	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	407573	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	142429	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	923	0.535	ug/l #	75
5) Bromomethane	1.66	94	402	0.437	ug/l #	62
6) Chloroethane	1.82	64	618	0.555	ug/l #	42
11) Tert butyl alcohol	3.01	59	3133	5.997	ug/l #	74
13) Acrolein	2.31	56	166	0.479	ug/l #	14
14) Allyl chloride	2.60	41	2055	0.784	ug/l #	50
15) Acrylonitrile	3.18	53	2166	2.094	ug/l #	33
16) Acetone	2.45	43	2701	2.700	ug/l	93
18) Methyl Acetate	2.85	43	13961	7.001	ug/l #	49
20) Methylene Chloride	2.87	84	432	0.210	ug/l #	57
25) 2-Butanone	4.70	43	850	0.579	ug/l	92
29) Tetrahydrofuran	5.15	42	484	0.532	ug/l #	35
31) Cyclohexane	5.58	56	202511	70.227	ug/l	98
36) 1,1-Dichloropropene	5.66	75	13937	5.204	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20031	6.907	ug/l #	16
39) Methylcyclohexane	7.46	83	529335	150.364	ug/l	96
43) Isopropyl Acetate	6.46	43	3764	0.826	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	5531	2.625	ug/l #	1
47) Bromodichloromethane	7.85	83	2664	0.962	ug/l #	79
48) Methyl methacrylate	7.73	41	25741	12.149	ug/l #	54
49) 1,4-Dioxane	7.78	88	19	0.311	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	6765	2.320	ug/l #	46
55) 1,1,2-Trichloroethane	9.16	97	61421	27.104	ug/l #	19
56) Ethyl methacrylate	9.16	69	12094	3.523	ug/l #	1
59) 2-Hexanone	9.44	43	4477	1.951	ug/l #	26
67) Ethyl Benzene	10.25	91	794400	74.681	ug/l	100
68) m/p-Xylenes	10.36	106	394639	95.748	ug/l	98
69) o-Xylene	10.69	106	3204	0.790	ug/l	89
73) Isopropylbenzene	11.02	105	409681	39.073	ug/l	98
74) N-amyl acetate	10.93	43	1165	0.294	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2494	0.718	ug/l #	34
76) 1,2,3-Trichloropropane	11.36	75	3659	1.298	ug/l #	1
78) n-propylbenzene	11.36	91	558197	48.440	ug/l	99
79) 2-Chlorotoluene	11.45	91	69575	10.139	ug/l #	38

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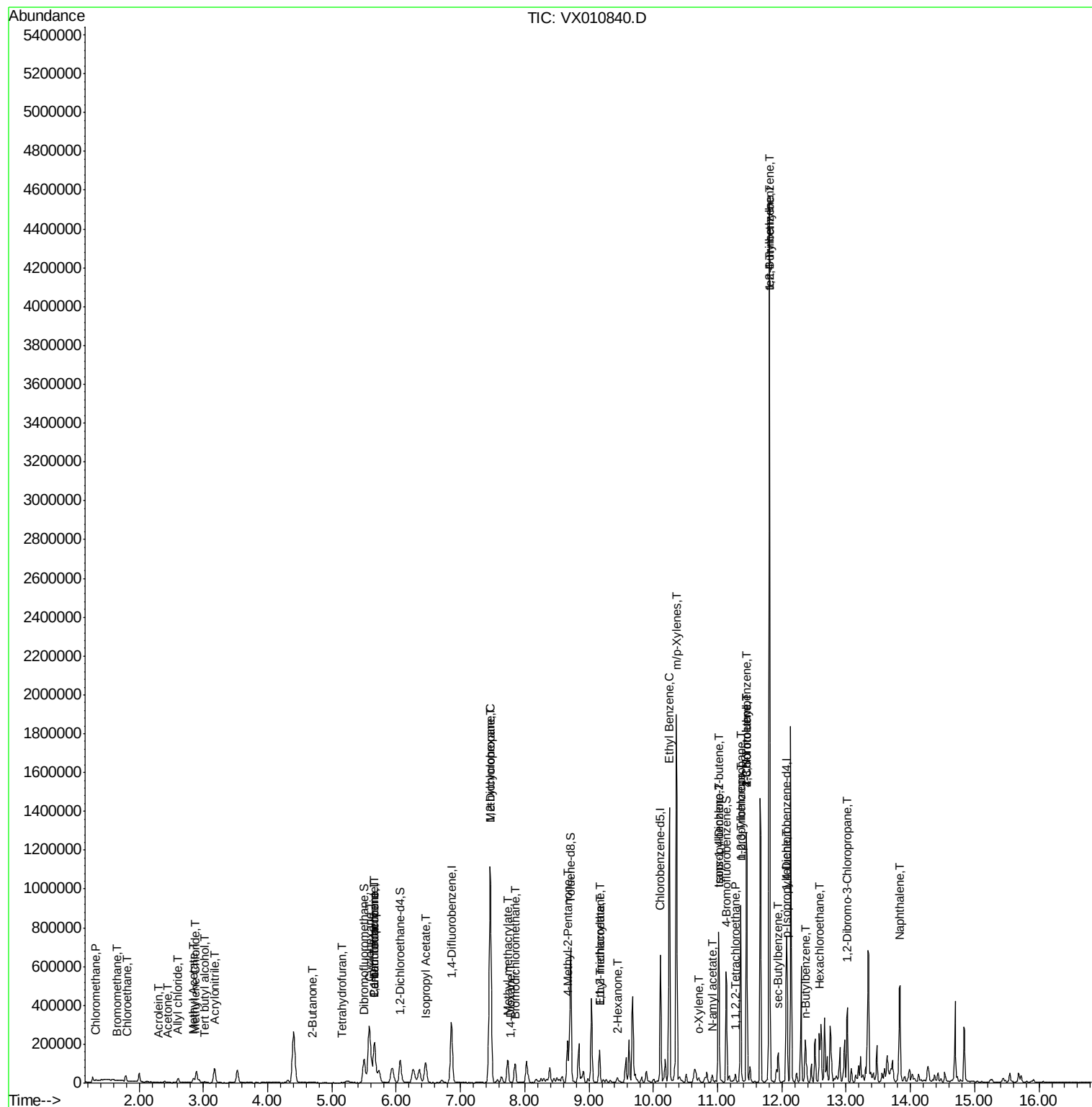
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.45	105	640362	74.085	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.02	75	4883	4.042	ug/l #	54
82) 4-Chlorotoluene	11.45	91	69575	8.911	ug/l #	42
83) tert-Butylbenzene	11.80	119	245436	28.291	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	1928935	222.122	ug/l	99
85) sec-Butylbenzene	11.94	105	80213	7.875	ug/l	79
86) p-Isopropyltoluene	12.06	119	73220	7.771	ug/l	99
89) n-Butylbenzene	12.38	91	45296	5.658	ug/l #	60
90) Hexachloroethane	12.58	117	11481	7.047	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1355	1.810	ug/l #	1
95) Naphthalene	13.83	128	323230	29.861	ug/l	98

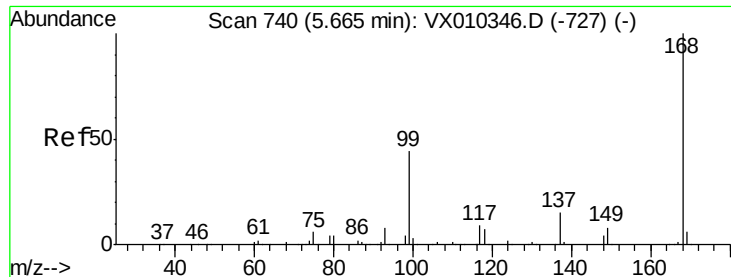
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

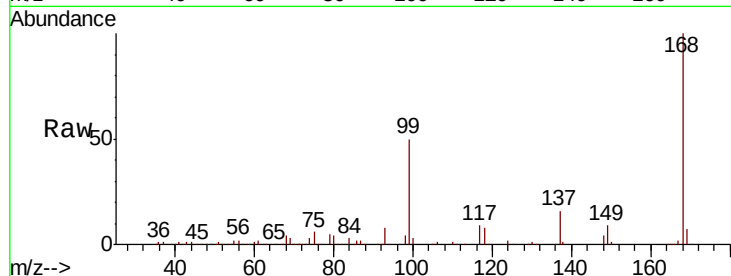
FL-0589

Tot Ion:168 Resp: 212925

Ion Ratio Lower Upper

168 100

99 50.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

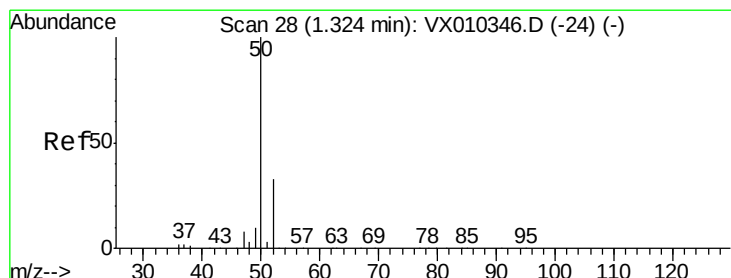
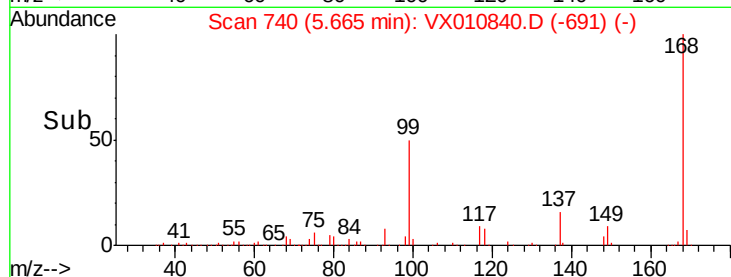
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.535 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010840.D

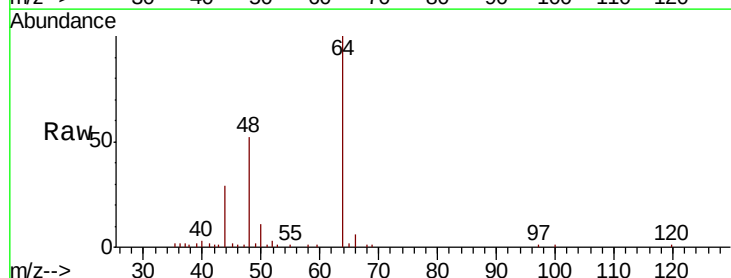
Acq: 12 Jul 2019 16:49

Tgt Ion: 50 Resp: 923

Ion Ratio Lower Upper

50 100

52 19.2 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

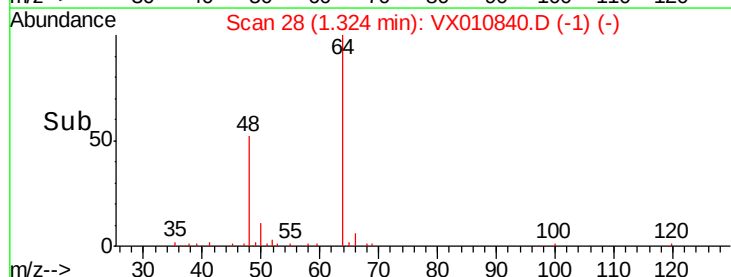
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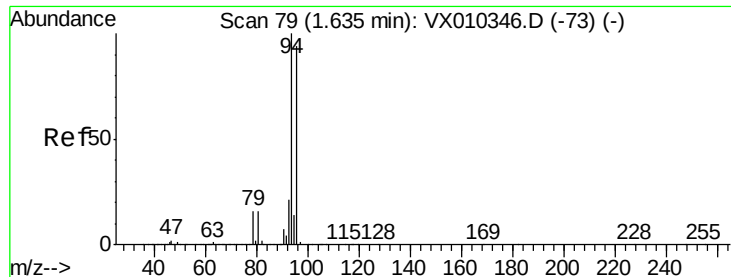
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.437 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

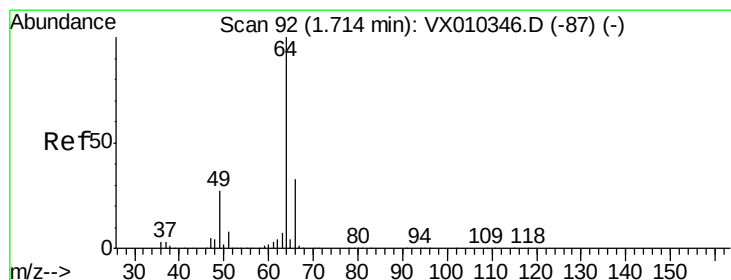
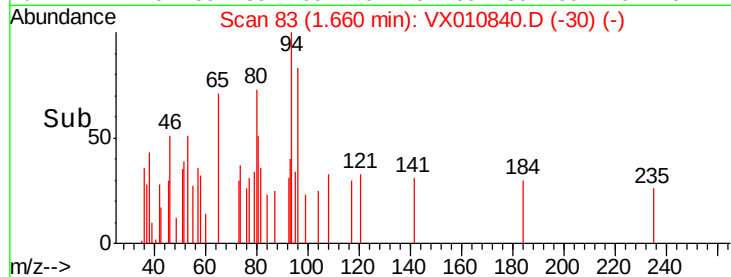
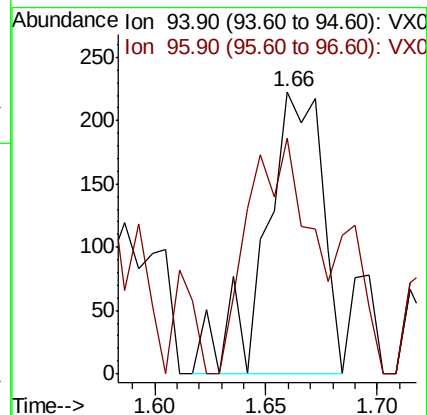
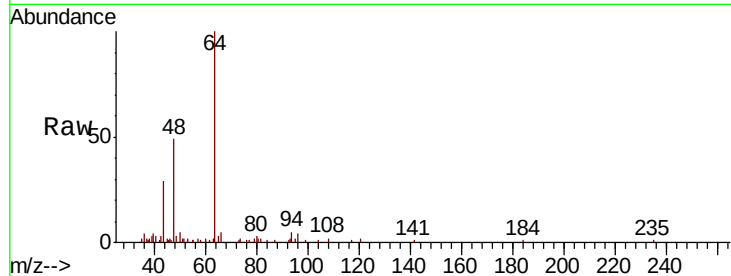
FL-0589

Tot Ion: 94 Resp: 402

Ion Ratio Lower Upper

94 100

96 57.4 75.5 113.3#



#6

Chloroethane

Concen: 0.555 ug/l

RT: 1.82 min Scan# 110

Delta R.T. 0.11 min

Lab File: VX010840.D

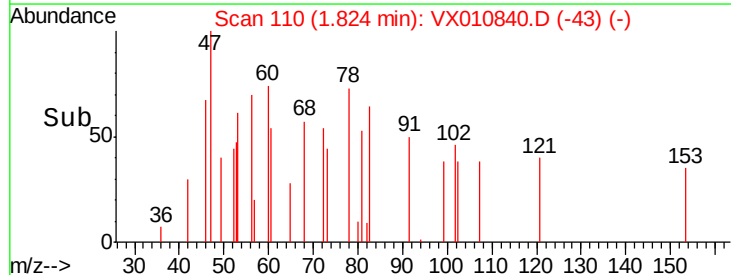
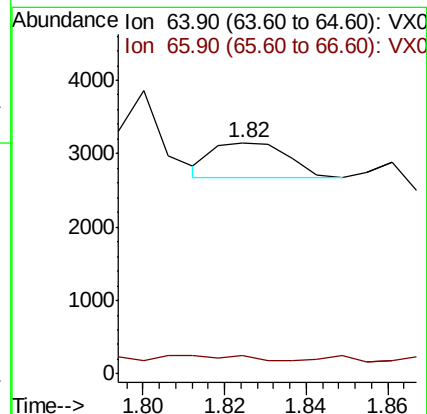
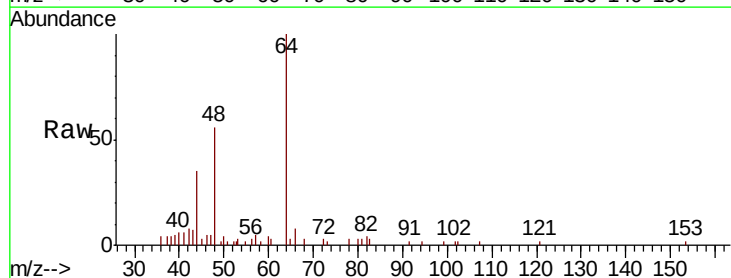
Acq: 12 Jul 2019 16:49

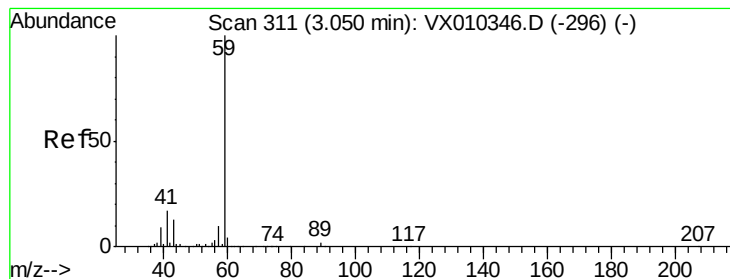
Tgt Ion: 64 Resp: 618

Ion Ratio Lower Upper

64 100

66 0.2 26.6 40.0#



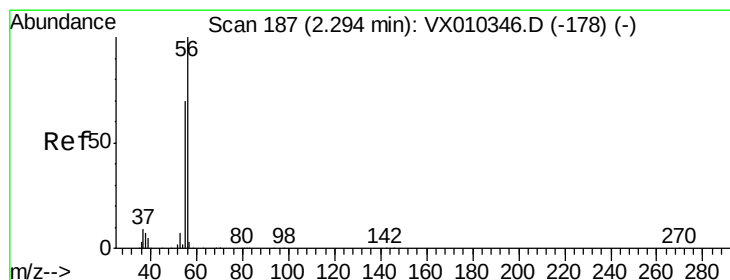
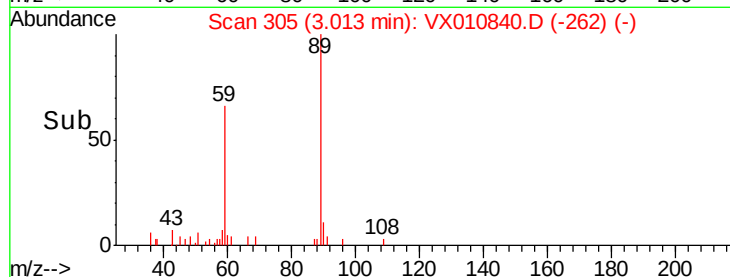
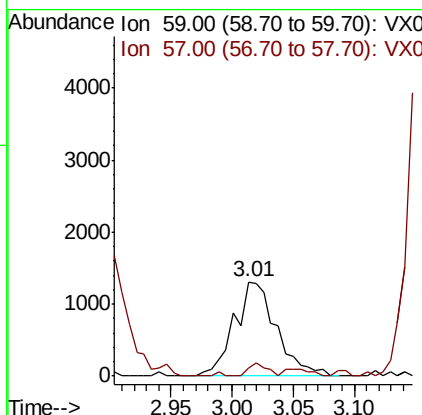
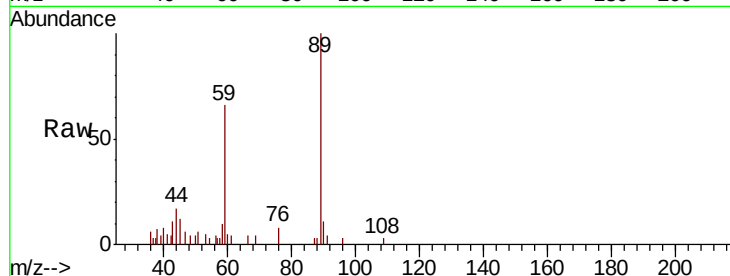


#11

Tert butyl alcohol
 Concen: 5.997 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0589

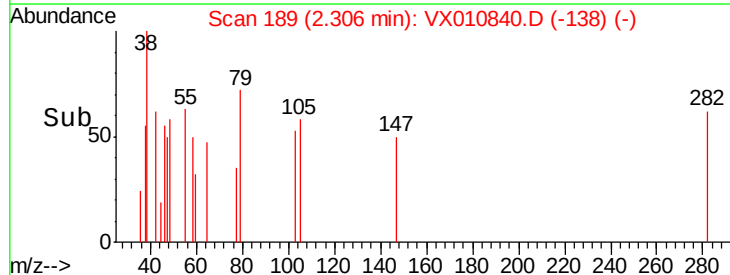
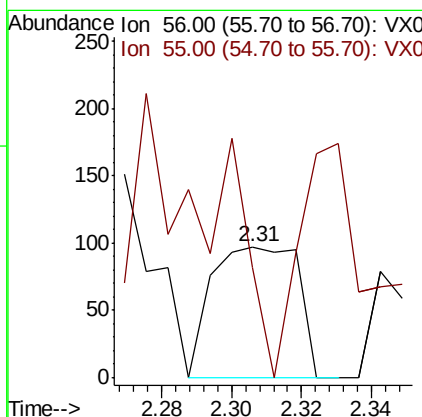
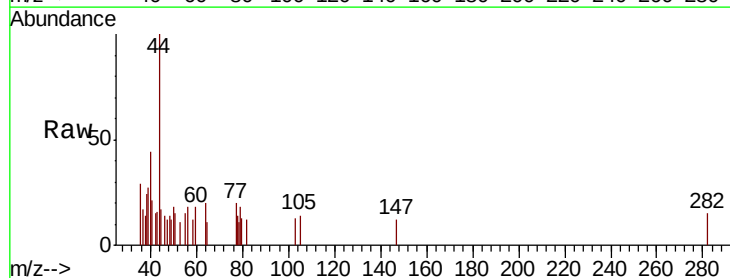
Tot Ion: 59 Resp: 3133
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

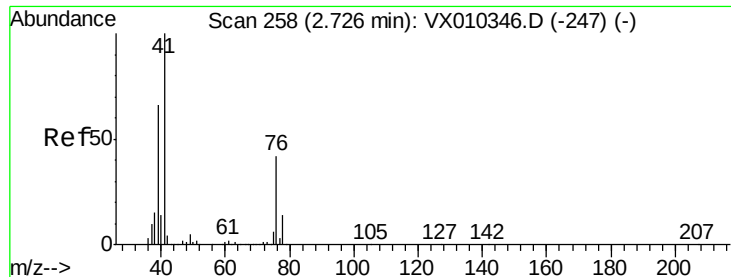


#13

Acrolein
 Concen: 0.479 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

Tgt Ion: 56 Resp: 166
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#

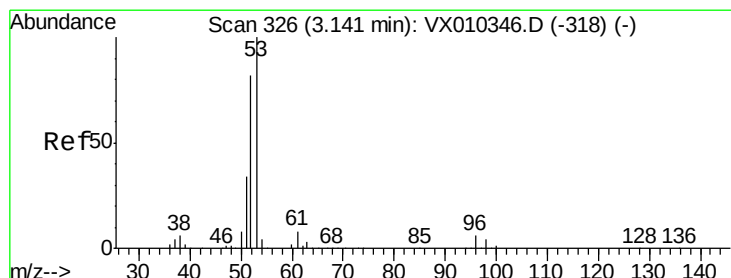
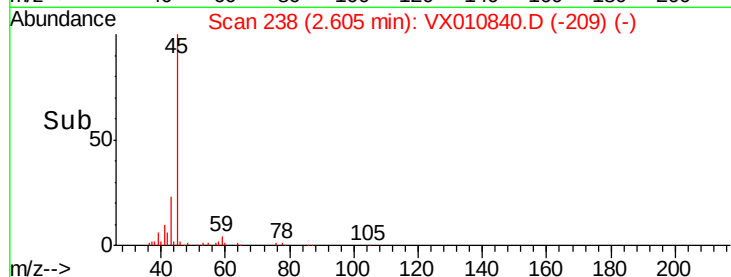
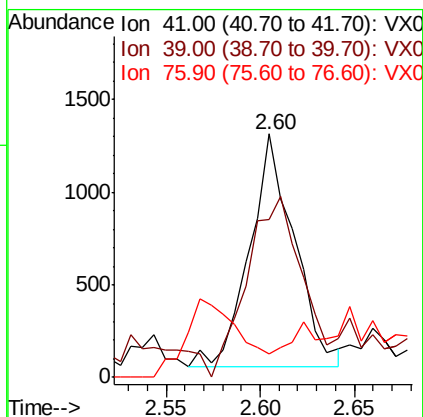
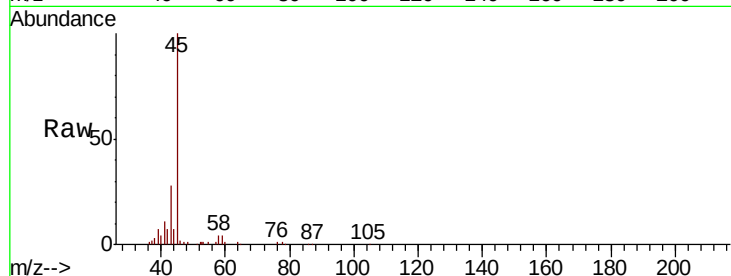




#14
Allvl chloride
Concen: 0.784 ug/l
RT: 2.60 min Scan# 238
Delta R.T. -0.12 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

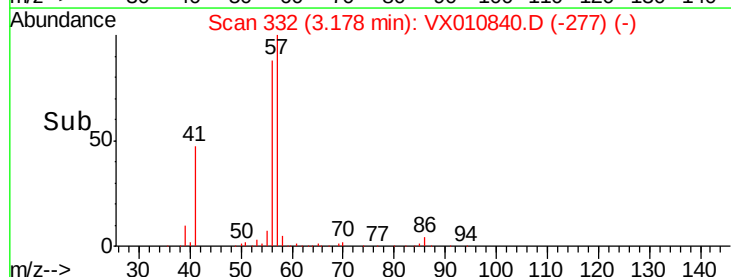
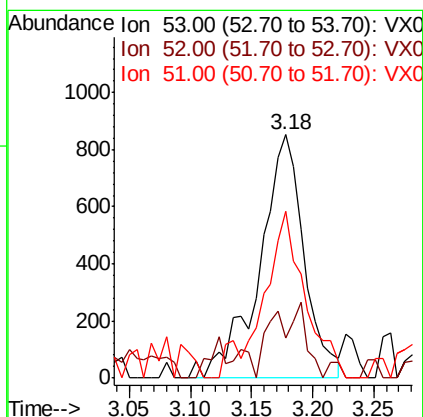
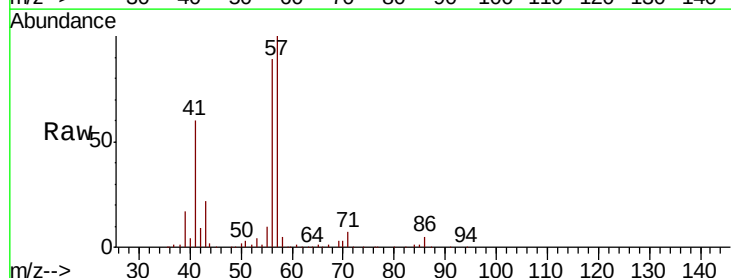
Instrument :
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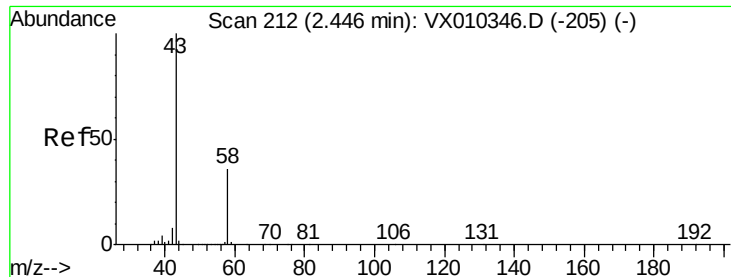
Tot Ion: 41 Resp: 2055
Ion Ratio Lower Upper
41 100
39 100.8 50.3 75.5#
76 7.5 31.3 46.9#



#15
Acrylonitrile
Concen: 2.094 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 53 Resp: 2166
Ion Ratio Lower Upper
53 100
52 12.3 65.5 98.3#
51 58.9 28.2 42.4#





#16

Acetone

Concen: 2.700 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

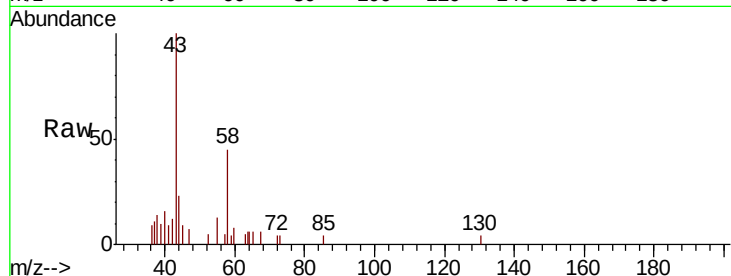
FL-0589

Tot Ion: 43 Resp: 2701

Ion Ratio Lower Upper

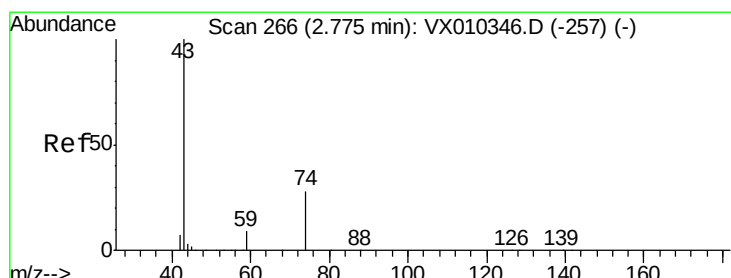
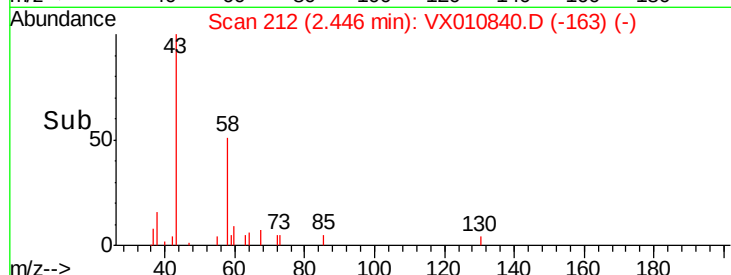
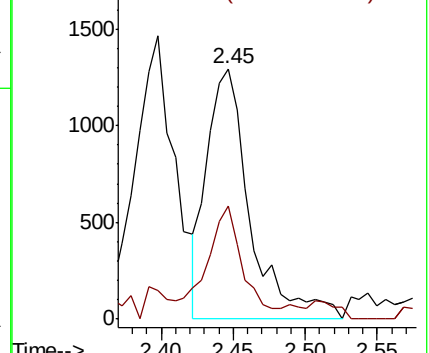
43 100

58 40.5 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: 7.001 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010840.D

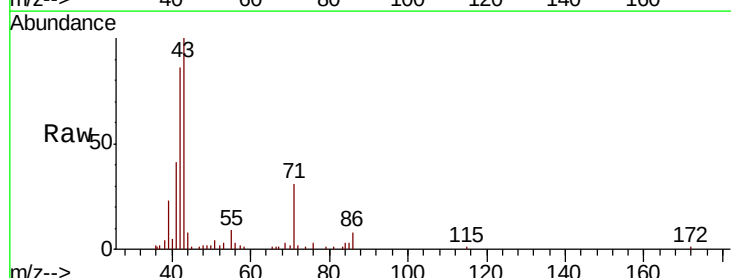
Acq: 12 Jul 2019 16:49

Tgt Ion: 43 Resp: 13961

Ion Ratio Lower Upper

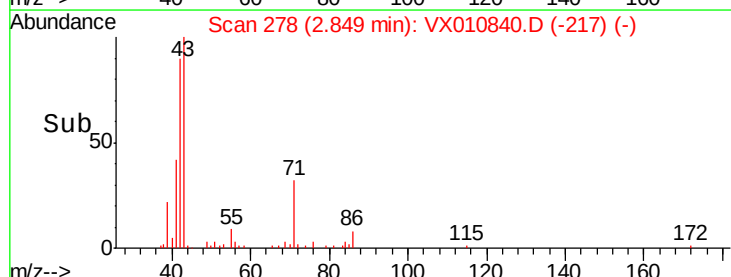
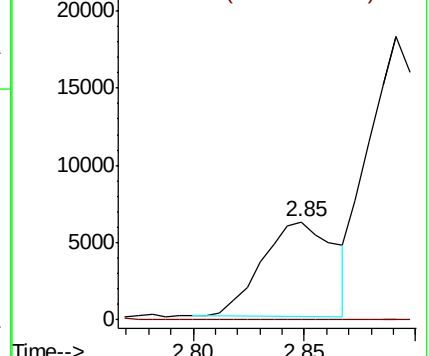
43 100

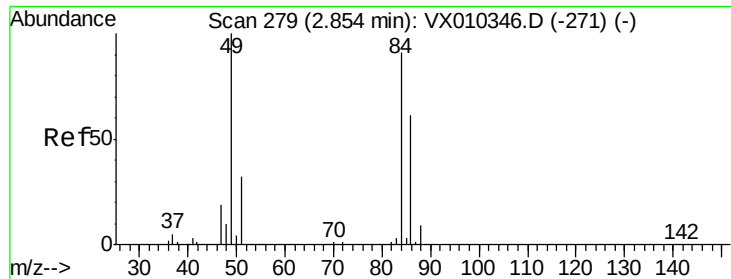
74 0.3 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

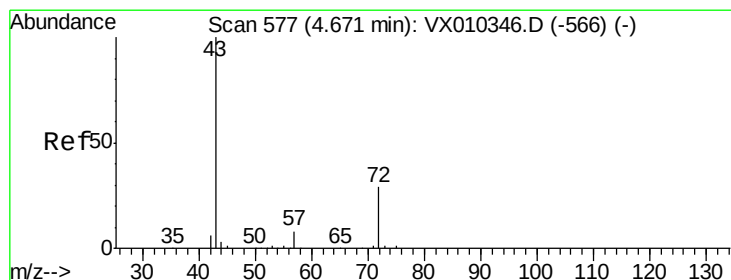
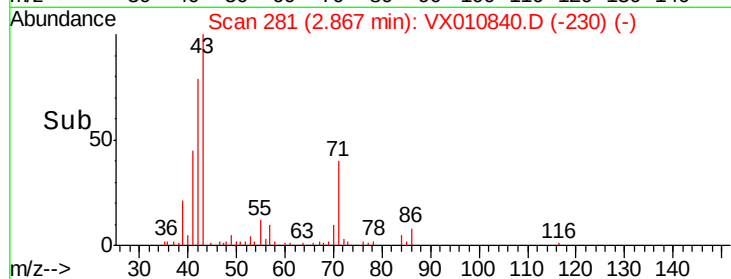
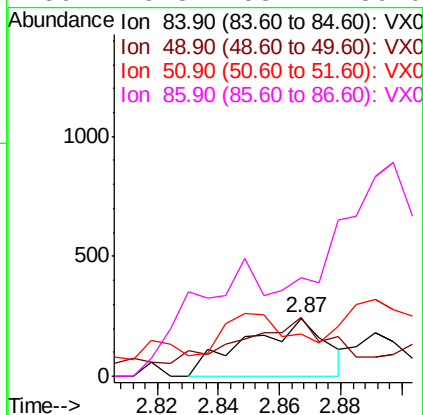
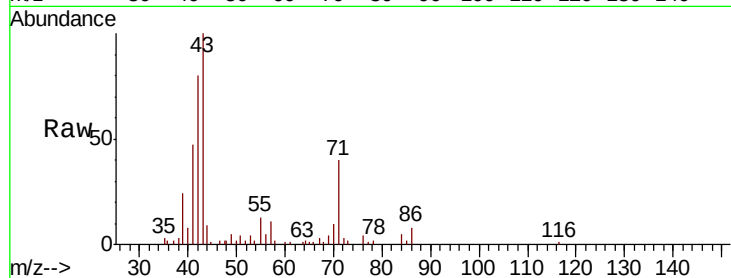




#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

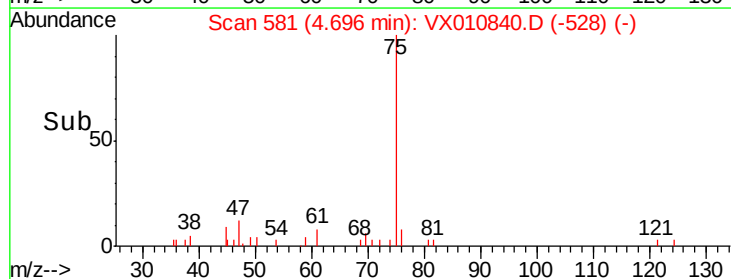
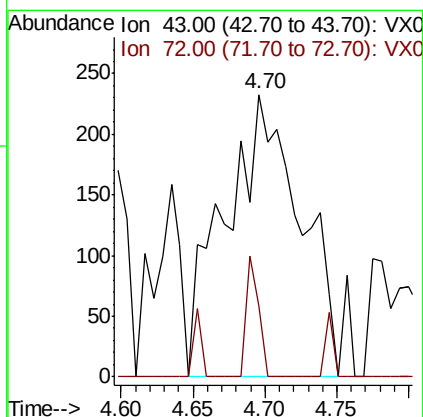
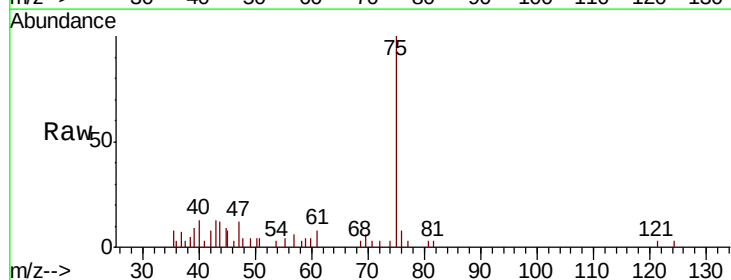
Instrument :
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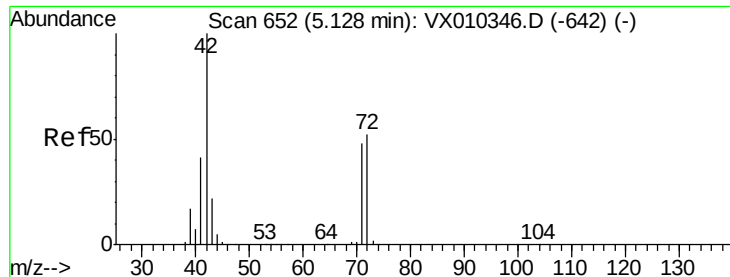
Tot Ion: 84 Resp: 432
Ion Ratio Lower Upper
84 100
49 56.4 87.5 131.3#
51 36.9 27.7 41.5
86 25.3 53.4 80.0#



#25
2-Butanone
Concen: 0.579 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
72 24.9 23.3 34.9

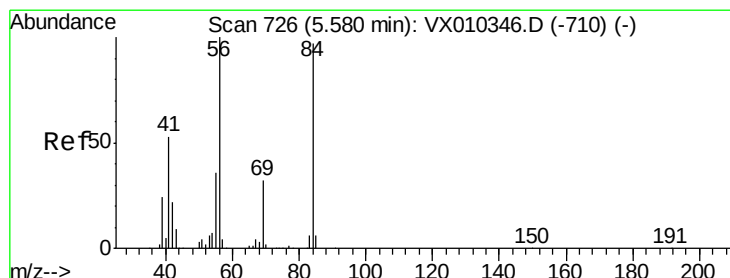
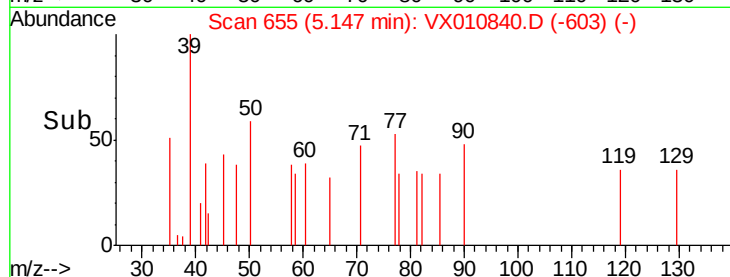
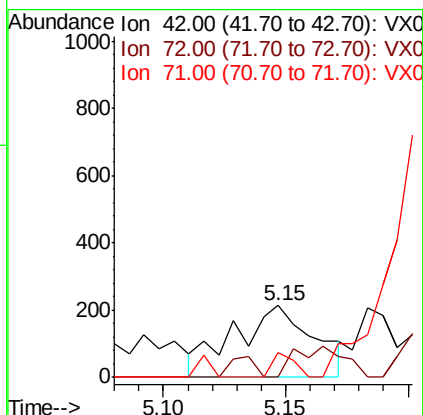
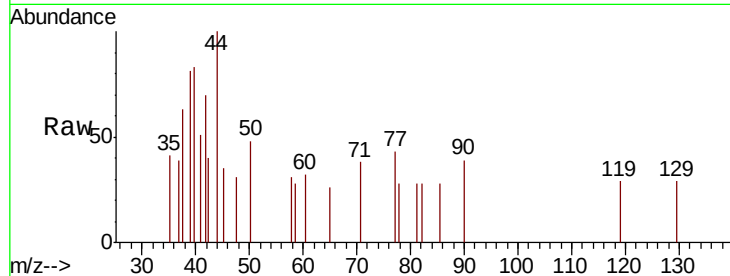




#29
Tetrahydrofuran
Concen: 0.532 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

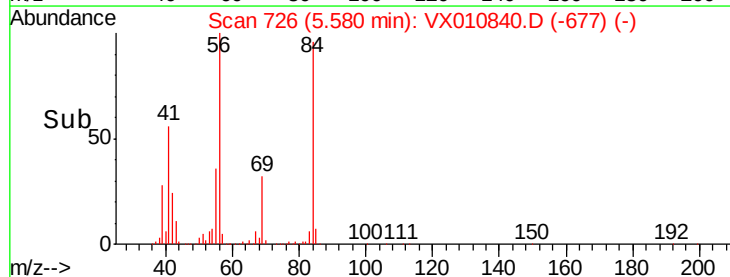
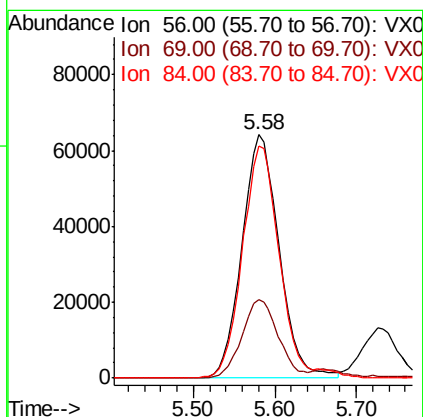
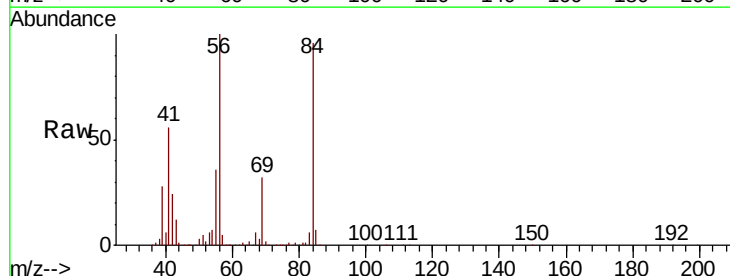
Instrument :
MSVOA_X
ClientSampleID :
FL-0589

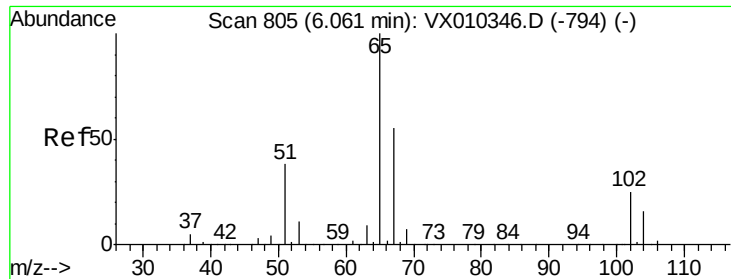
Tot Ion: 42 Resp: 484
Ion Ratio Lower Upper
42 100
72 8.9 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 70.227 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 56 Resp: 202511
Ion Ratio Lower Upper
56 100
69 31.9 25.9 38.9
84 95.6 78.0 117.0

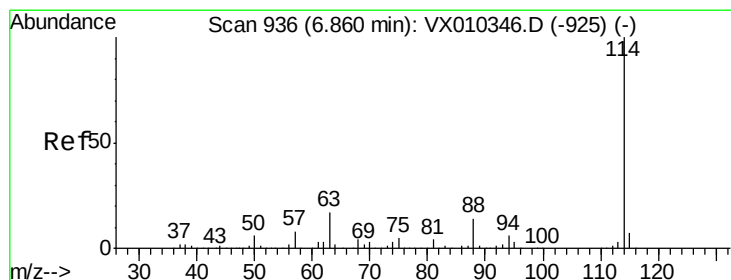
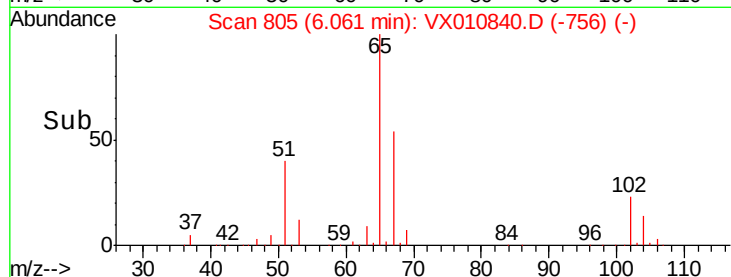
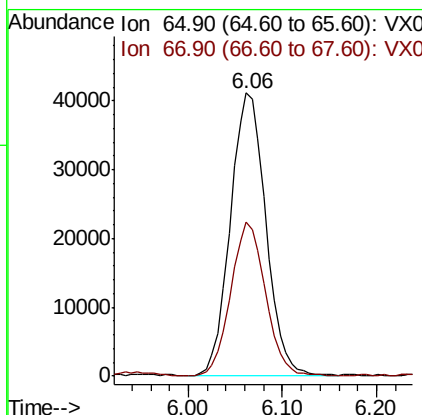
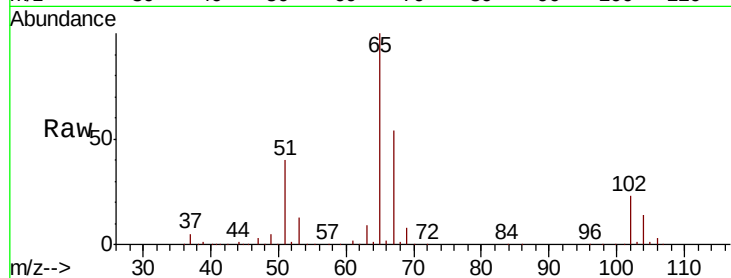




#33
 1,2-Dichloroethane-d4
 Concen: 54.224 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

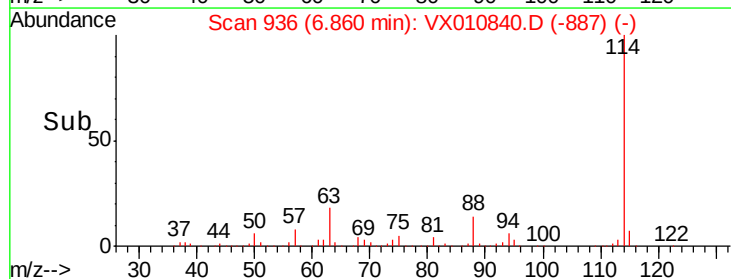
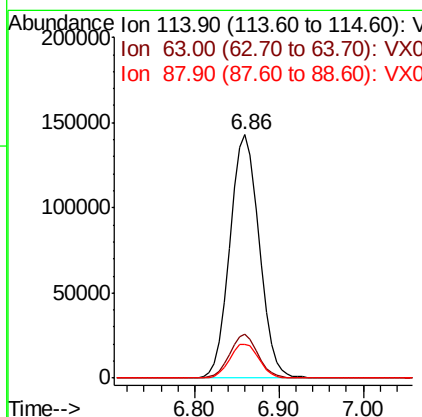
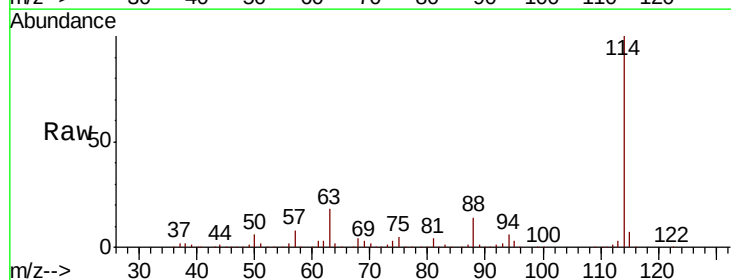
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0589

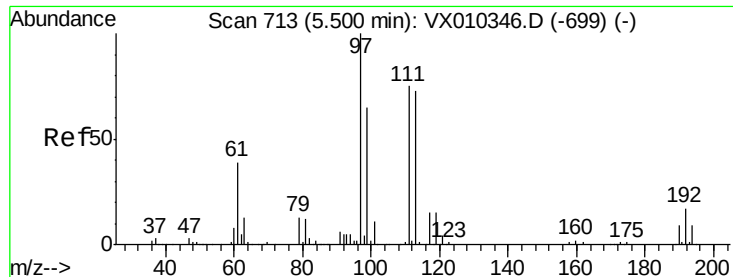
Tot Ion: 65 Resp: 108252
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

Tgt Ion: 114 Resp: 337020
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.8
 88 13.9 0.0 27.6

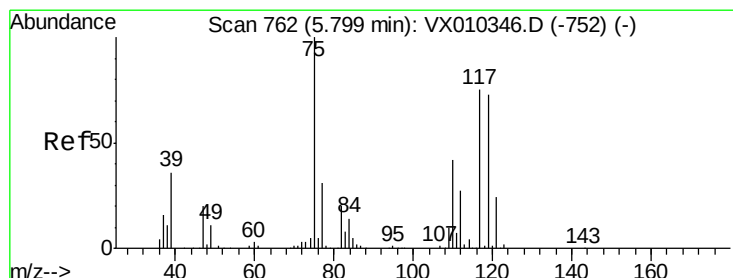
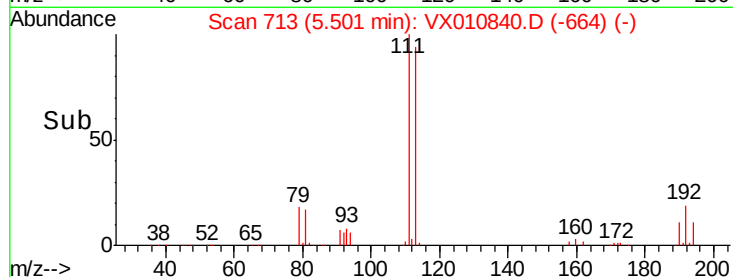
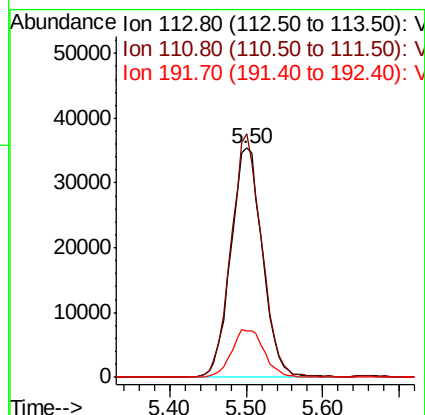
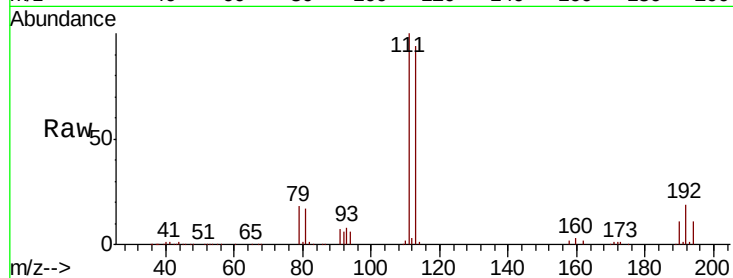




#35
 Dibromofluoromethane
 Concen: 49.027 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

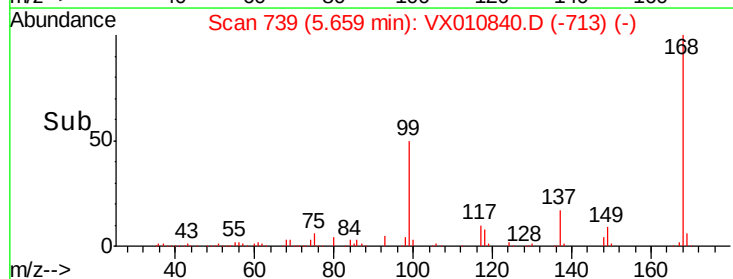
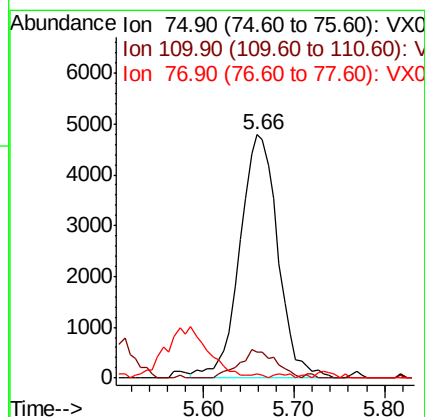
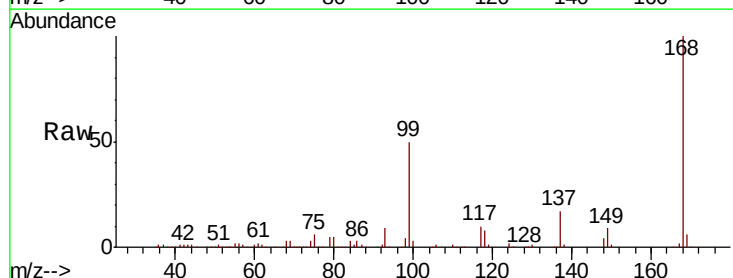
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0589

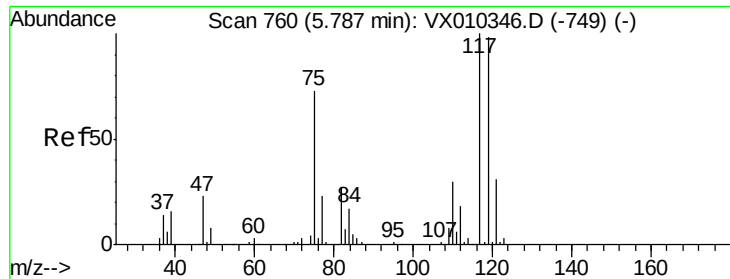
Tot Ion:113 Resp: 101094
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 21.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.204 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

Tgt Ion: 75 Resp: 13937
 Ion Ratio Lower Upper
 75 100
 110 11.2 20.8 62.2#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.907 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0589

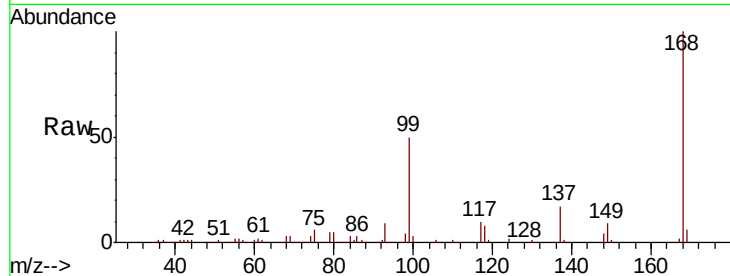
Tot Ion:117 Resp: 20031

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.4#

121 0.0 24.7 37.1#

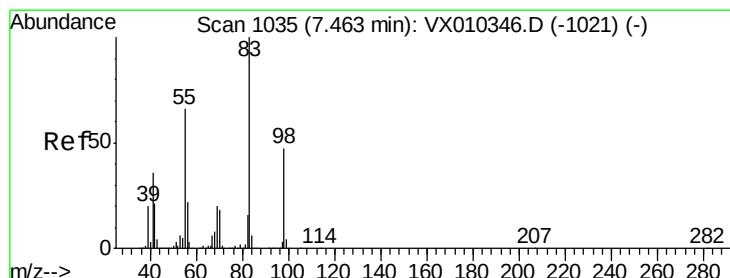
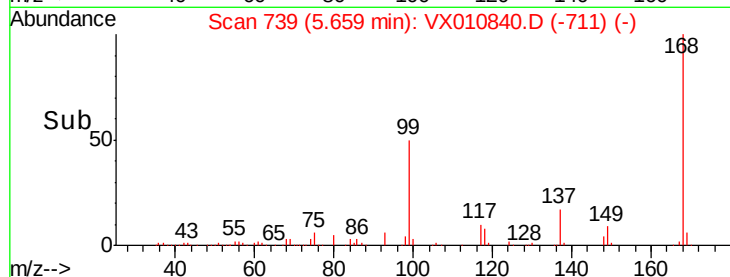
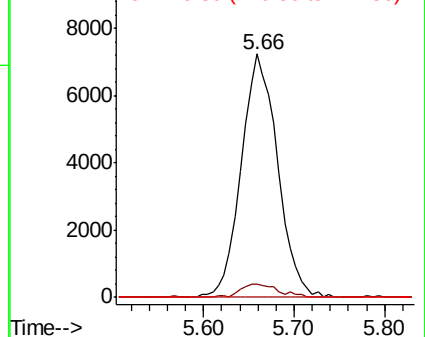


Abundance

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: 150.364 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

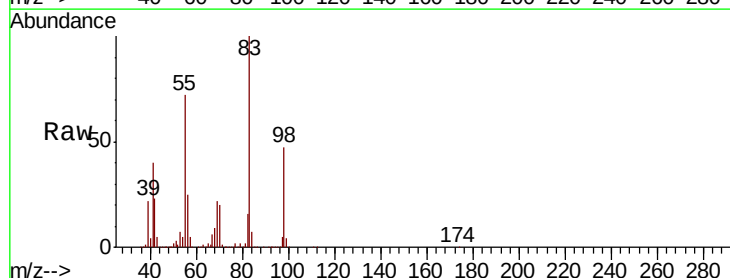
Tgt Ion: 83 Resp: 529335

Ion Ratio Lower Upper

83 100

55 71.8 53.0 79.6

98 47.3 37.8 56.8

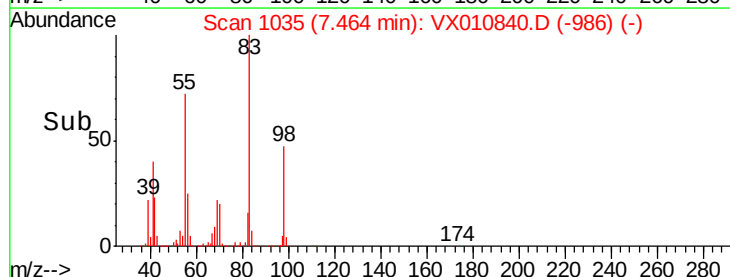
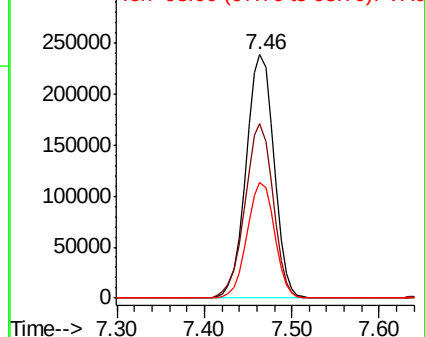


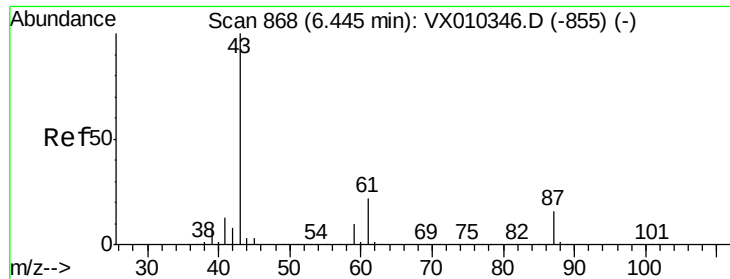
Abundance

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: 0.826 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

FL-0589

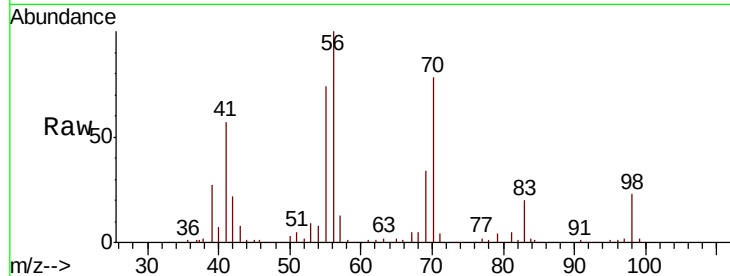
Tot Ion: 43 Resp: 3764

Ion Ratio Lower Upper

43 100

61 4.2 17.8 26.6#

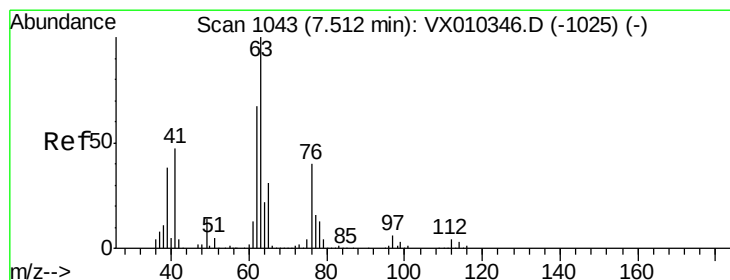
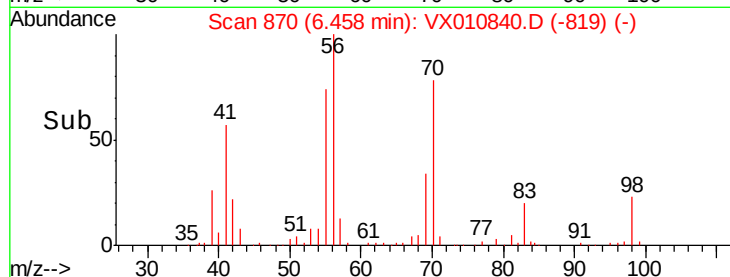
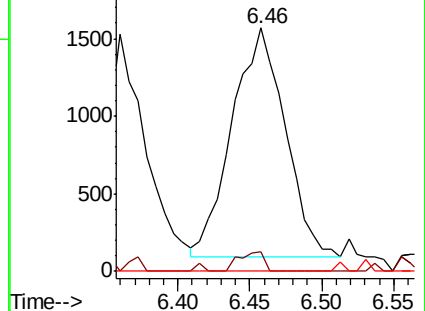
87 0.0 13.0 19.4#



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



#45

1,2-Dichloropropane

Concen: 2.625 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010840.D

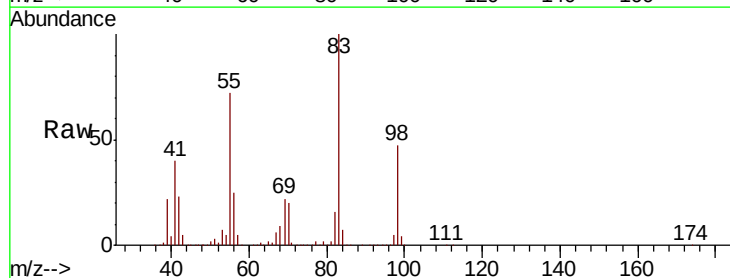
Acq: 12 Jul 2019 16:49

Tgt Ion: 63 Resp: 5531

Ion Ratio Lower Upper

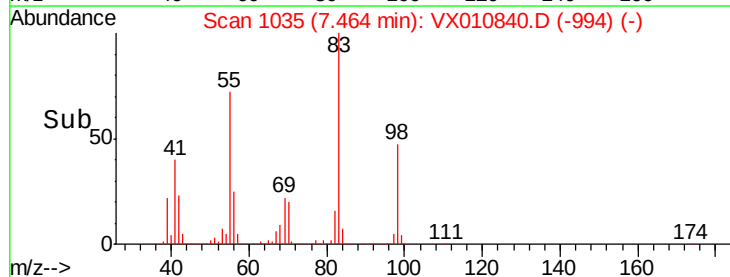
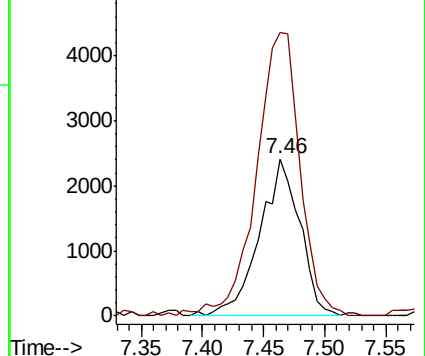
63 100

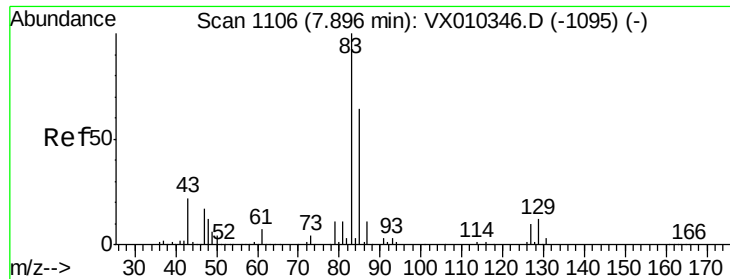
65 178.2 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.962 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

FL-0589

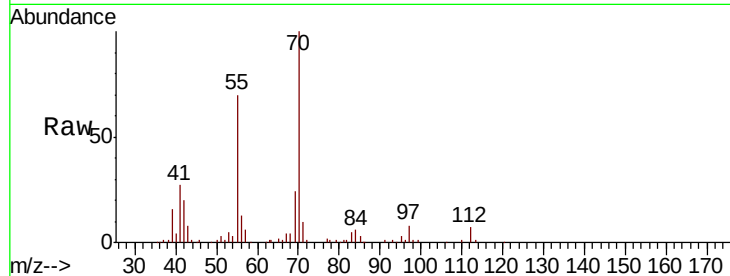
Tot Ion: 83 Resp: 2664

Ion Ratio Lower Upper

83 100

85 48.7 51.5 77.3#

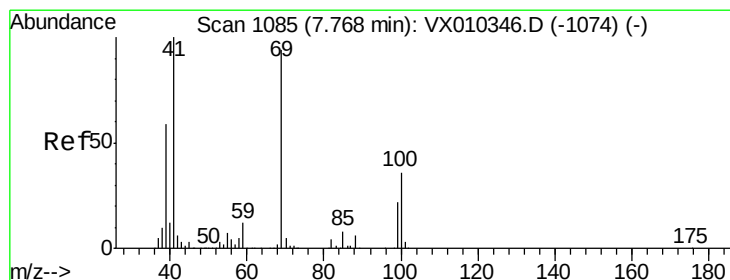
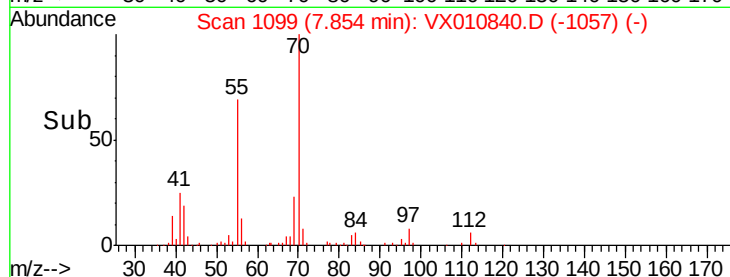
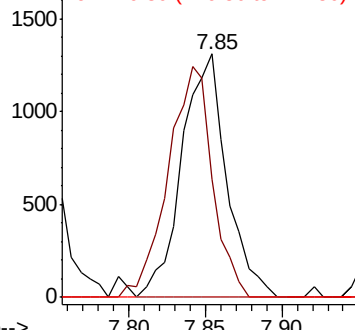
127 0.0 7.8 11.8#



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

Methyl methacrylate

Concen: 12.149 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

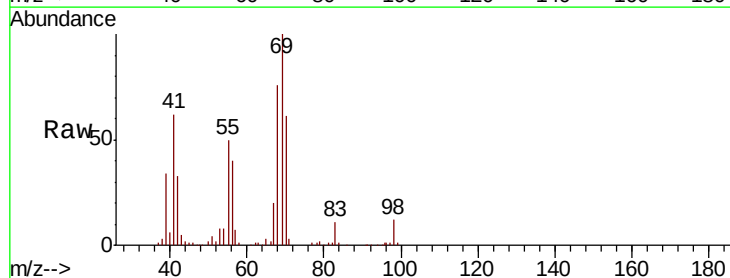
Tgt Ion: 41 Resp: 25741

Ion Ratio Lower Upper

41 100

69 162.0 76.1 114.1#

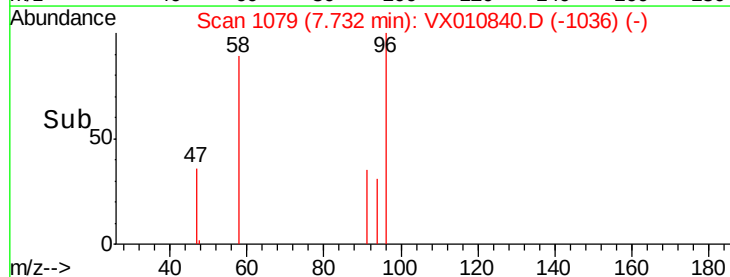
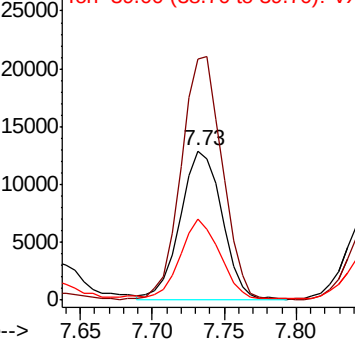
39 51.6 47.6 71.4

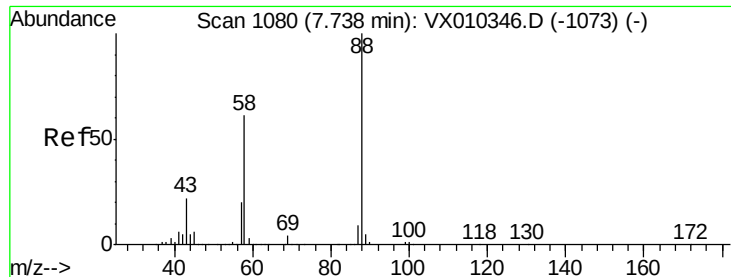


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

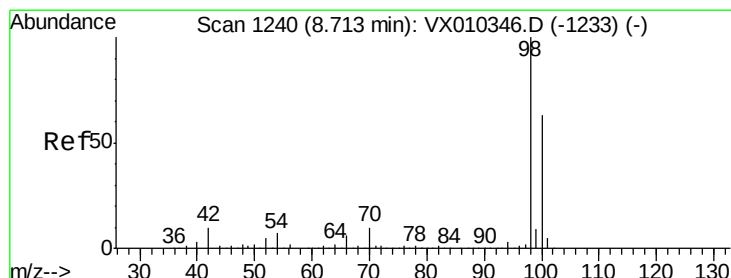
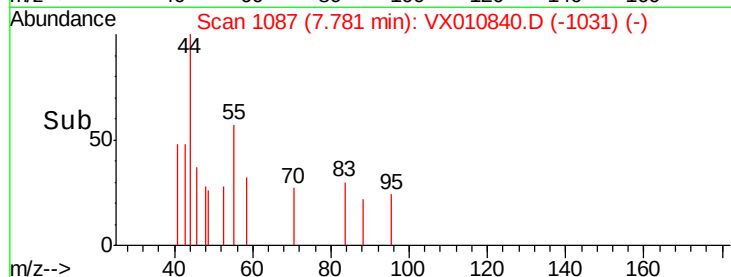
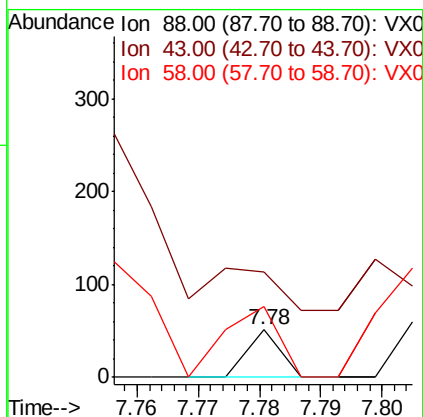
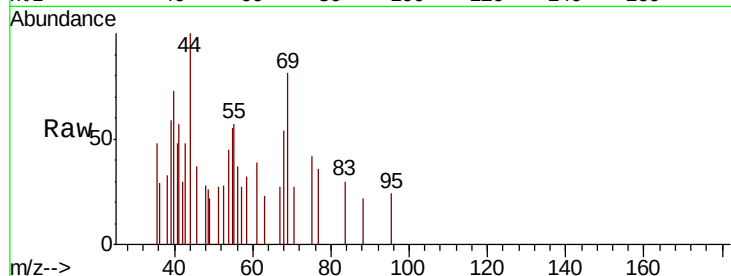




#49
1,4-Dioxane
Concen: 0.311 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

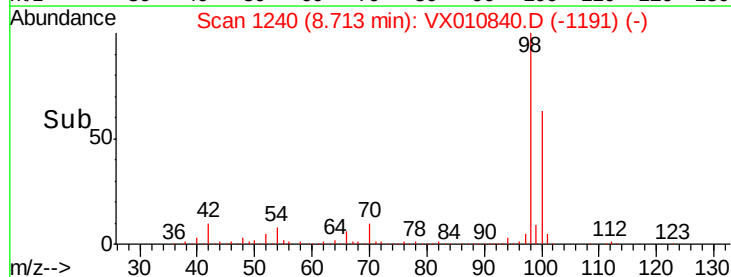
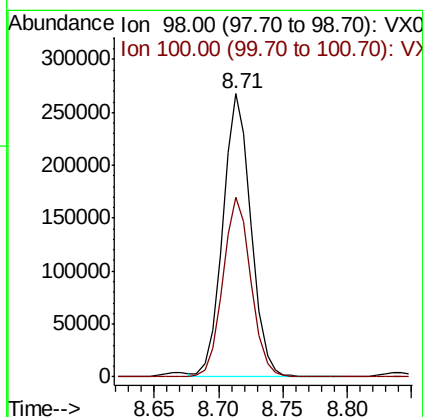
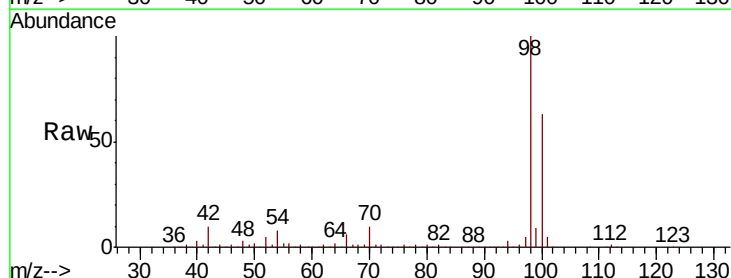
Instrument :
MSVOA_X
ClientSampleId :
FL-0589

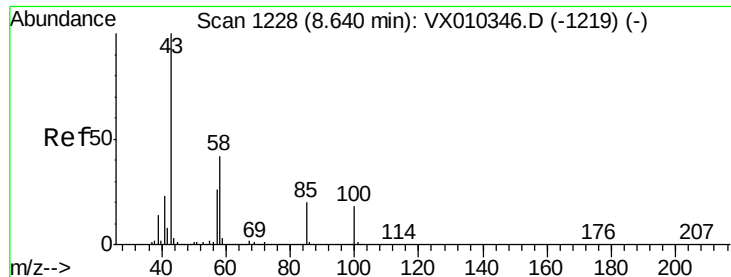
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 247.4 49.5 74.3#



#50
Toluene-d8
Concen: 51.664 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 98 Resp: 407573
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

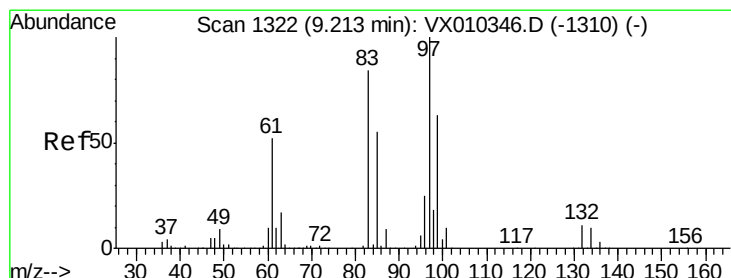
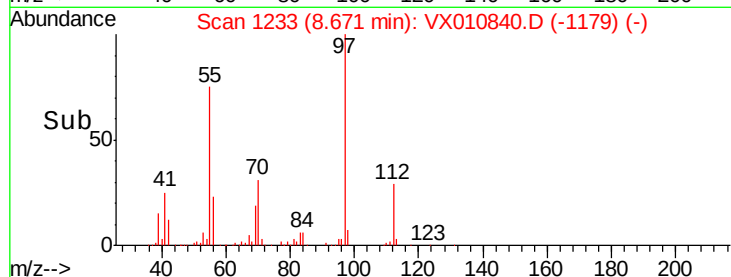
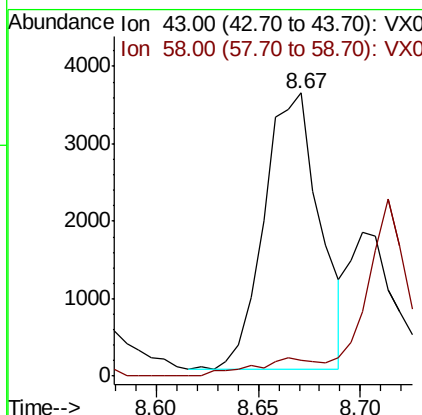
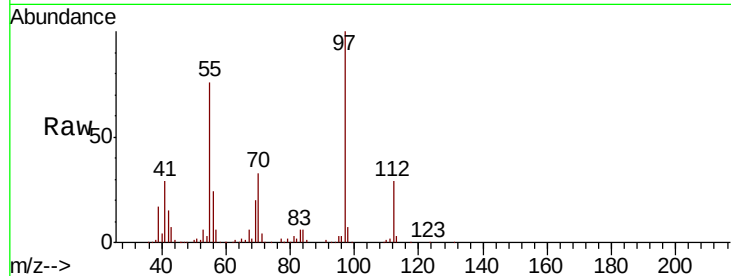




#51
 4-Methyl-2-Pentanone
 Concen: 2.320 ug/l
 RT: 8.67 min Scan# 1233
 Delta R.T. 0.03 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

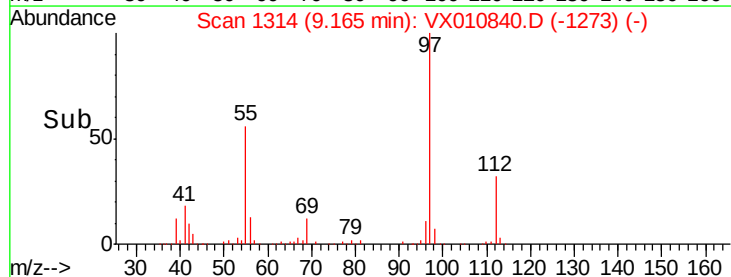
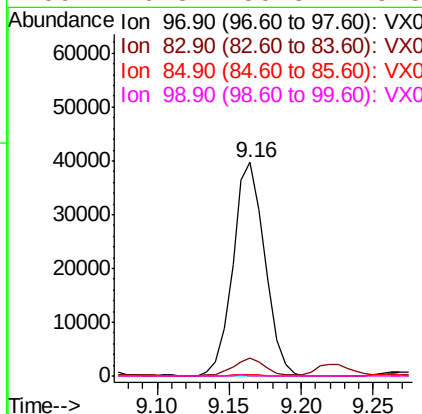
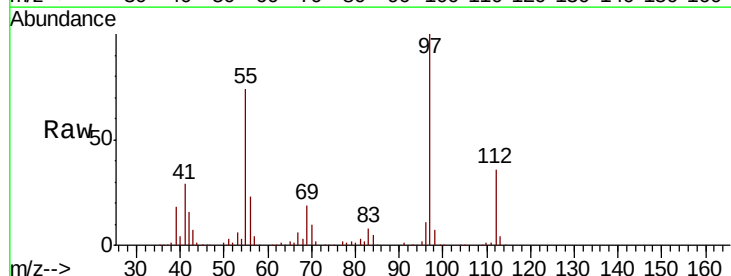
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0589

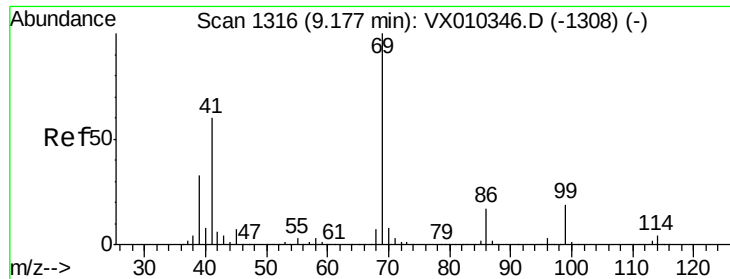
Tot Ion: 43 Resp: 6765
 Ion Ratio Lower Upper
 43 100
 58 7.9 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 27.104 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010840.D
 Acq: 12 Jul 2019 16:49

Tgt Ion: 97 Resp: 61421
 Ion Ratio Lower Upper
 97 100
 83 8.2 67.4 101.0#
 85 0.4 43.8 65.8#
 99 0.3 50.3 75.5#





#56

Ethyl methacrylate

Concen: 3.523 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

FL-0589

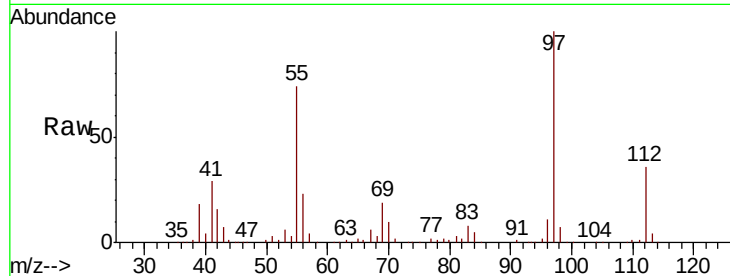
Tot Ion: 69 Resp: 12094

Ion Ratio Lower Upper

69 100

41 155.4 47.1 70.7#

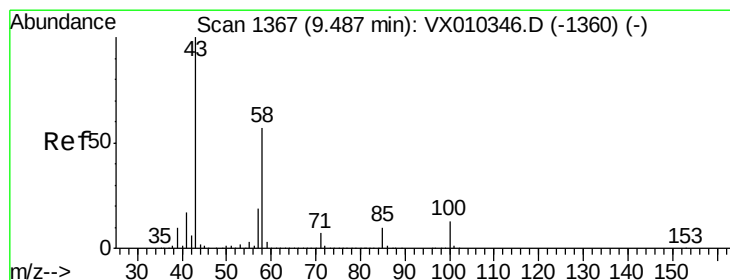
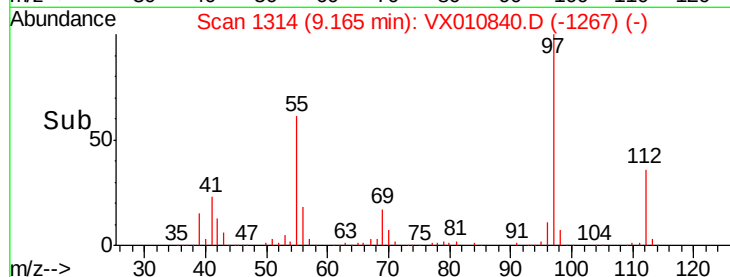
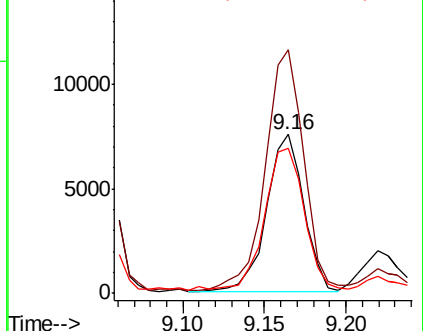
39 96.9 26.6 40.0#



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: 1.951 ug/l

RT: 9.44 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VX010840.D

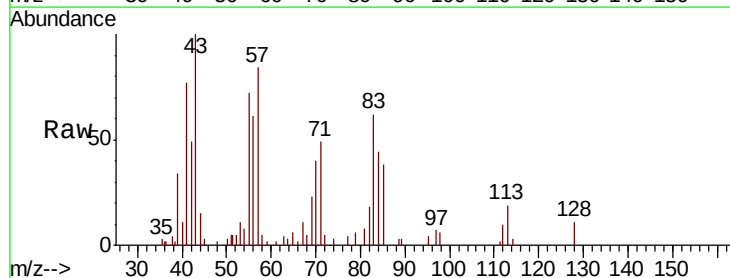
Acq: 12 Jul 2019 16:49

Tgt Ion: 43 Resp: 4477

Ion Ratio Lower Upper

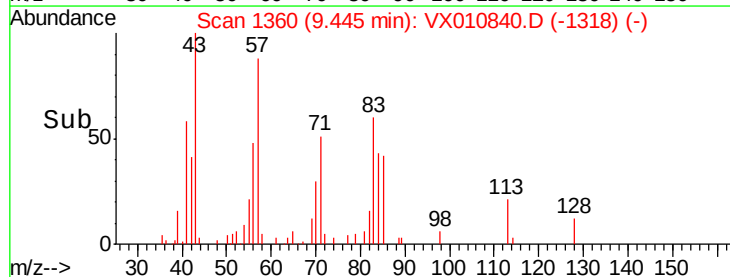
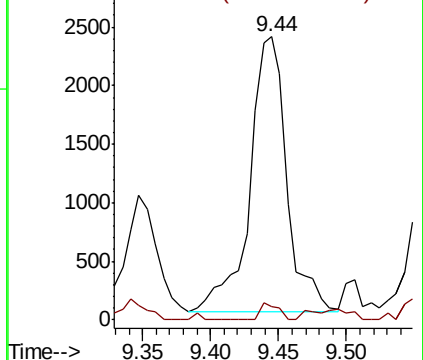
43 100

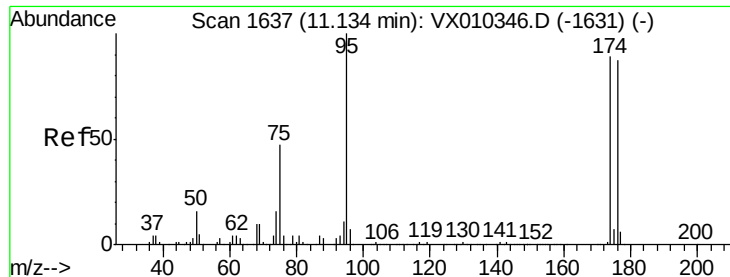
58 2.9 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.008 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0589

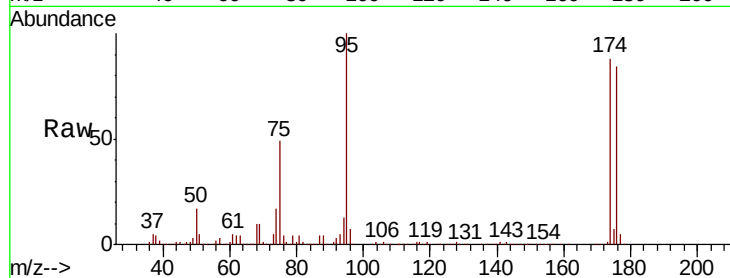
Tot Ion: 95 Resp: 142429

Ion Ratio Lower Upper

95 100

174 93.2 0.0 187.6

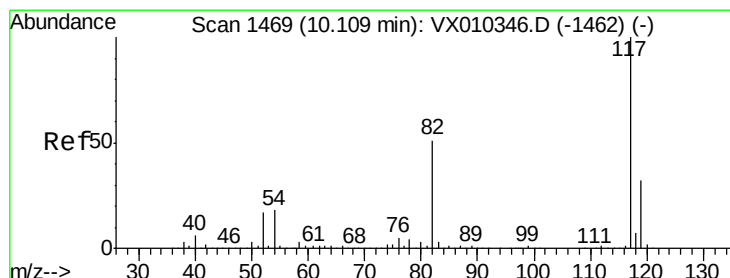
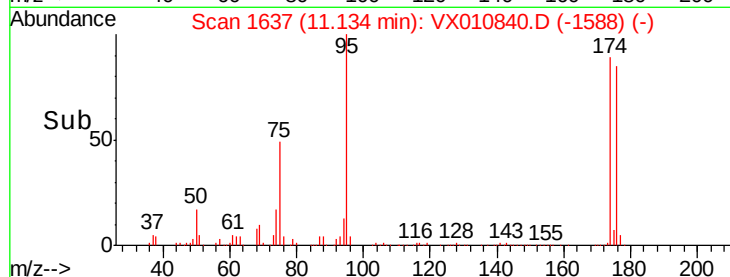
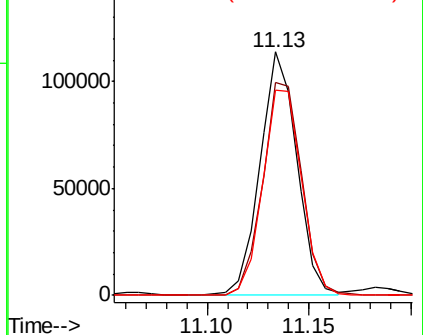
176 90.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010840.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010840.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010840.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

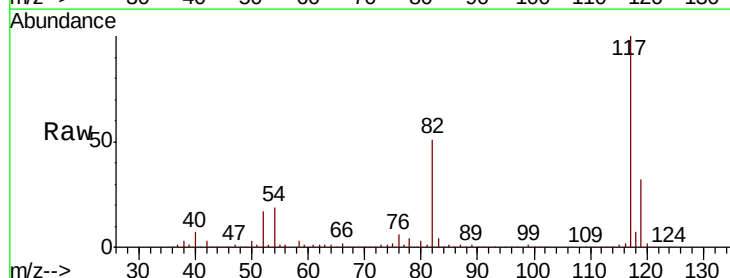
Tgt Ion: 117 Resp: 310357

Ion Ratio Lower Upper

117 100

82 50.5 41.2 61.8

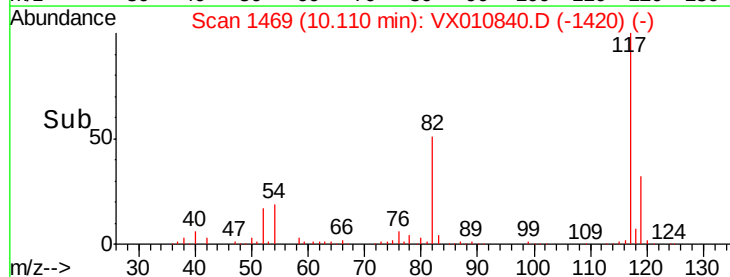
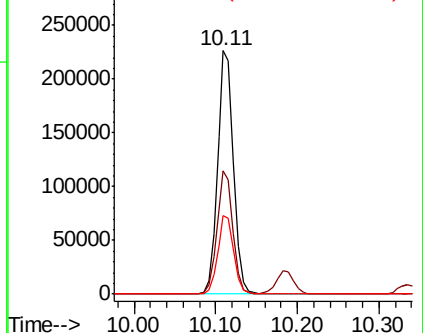
119 32.2 25.5 38.3

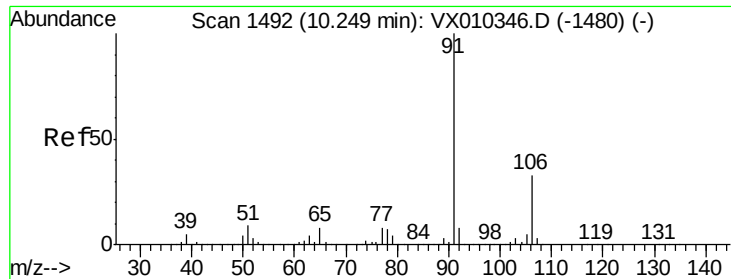


Abundance Ion 116.90 (116.60 to 117.60): VX010840.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010840.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010840.D (-1420) (-)





#67

Ethyl Benzene

Concen: 74.681 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

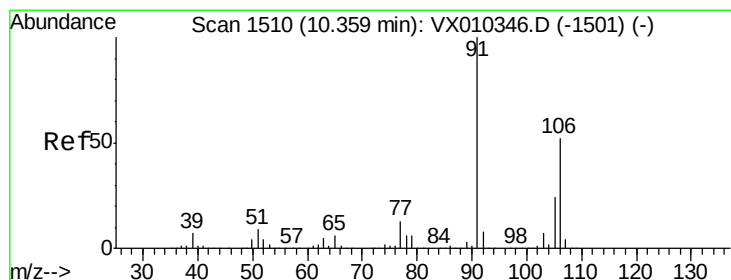
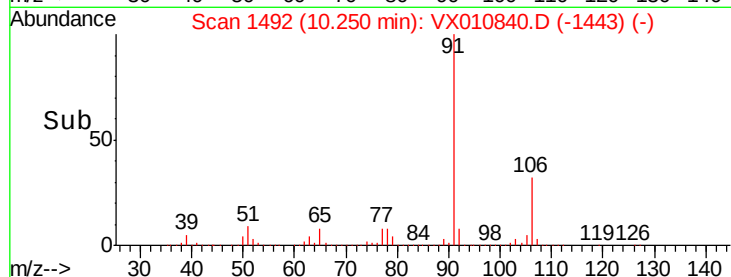
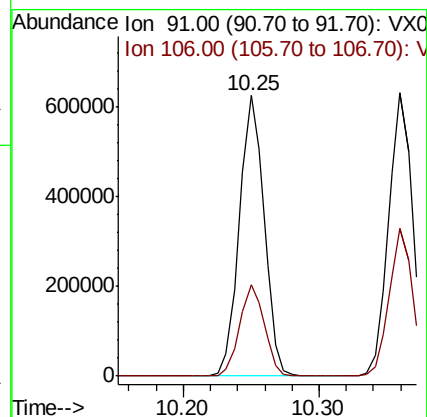
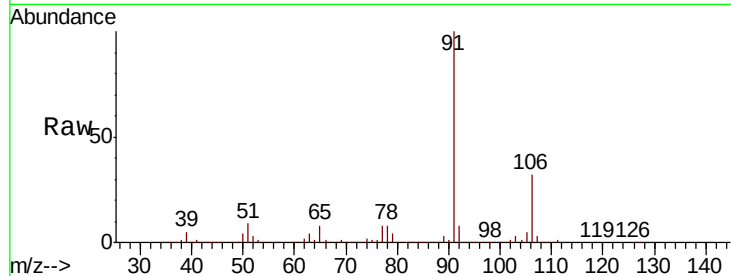
FL-0589

Tot Ion: 91 Resp: 794400

Ion Ratio Lower Upper

91 100

106 32.5 26.2 39.2



#68

m/p-Xylenes

Concen: 95.748 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010840.D

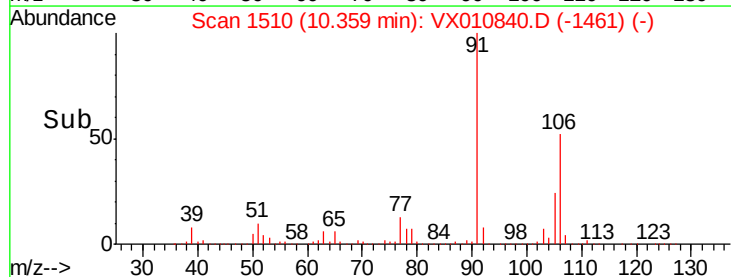
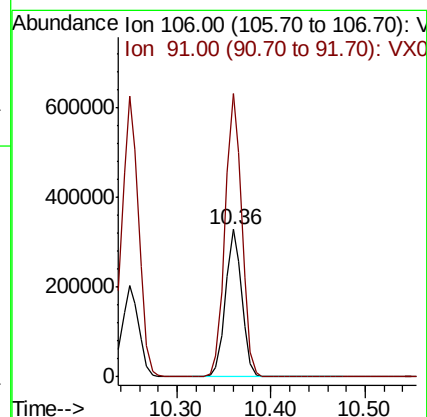
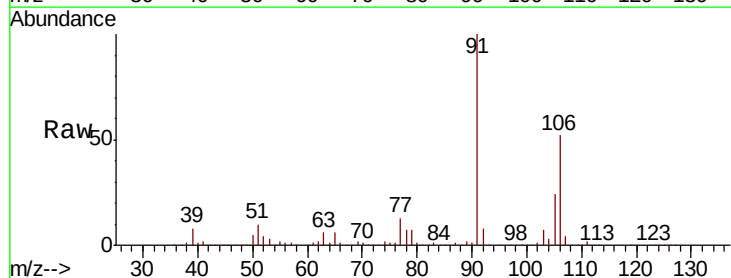
Acq: 12 Jul 2019 16:49

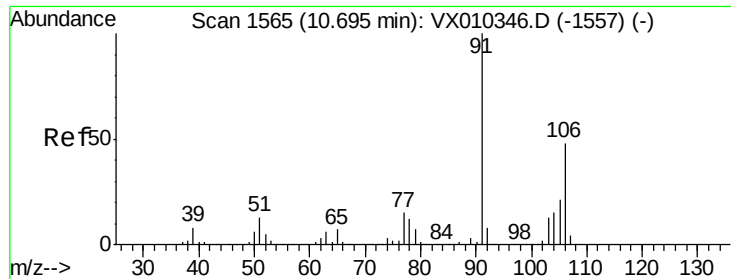
Tgt Ion:106 Resp: 394639

Ion Ratio Lower Upper

106 100

91 196.3 155.3 232.9

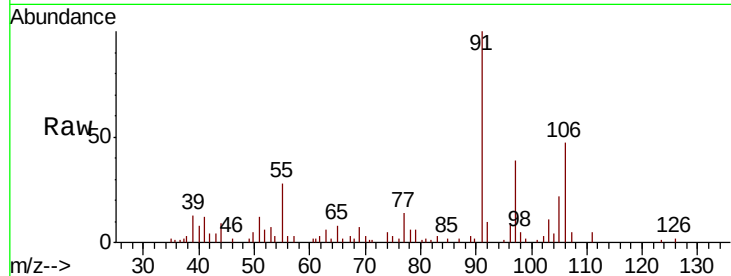




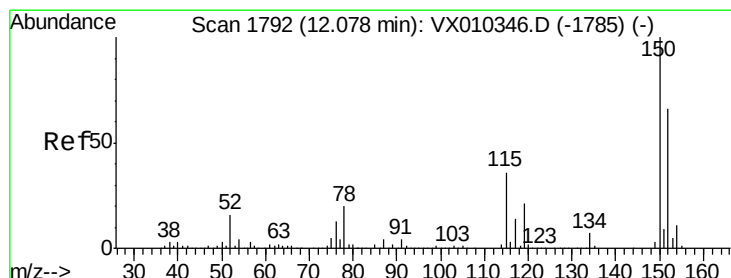
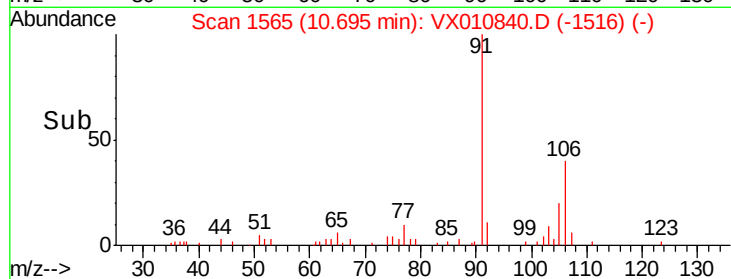
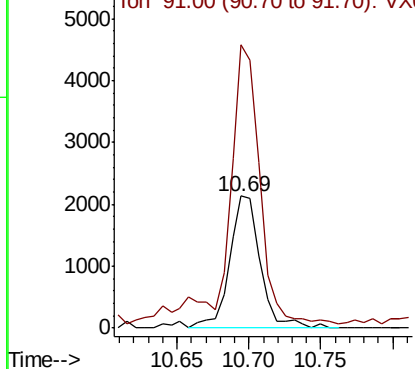
#69
o-Xylene
Concen: 0.790 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Instrument :
MSVOA_X
ClientSampled :
FL-0589

Tot Ion:106 Resp: 3204
Ion Ratio Lower Upper
106 100
91 188.8 102.7 308.1

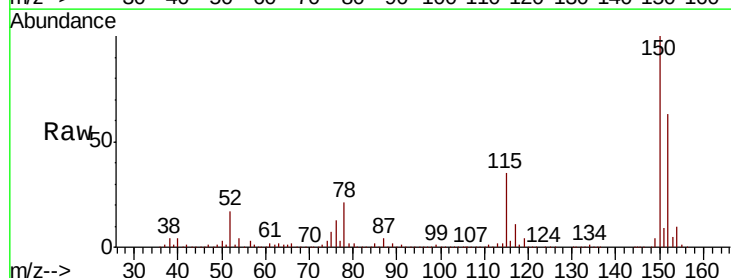


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

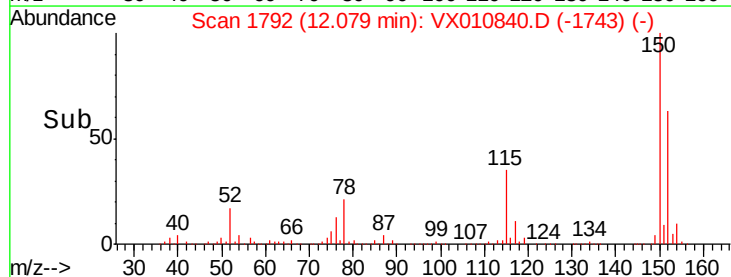
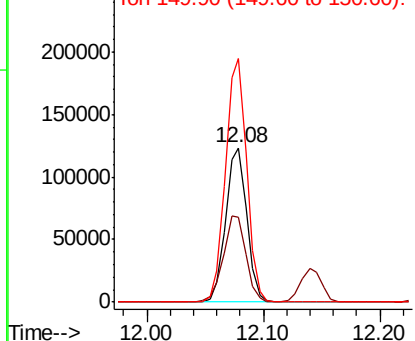


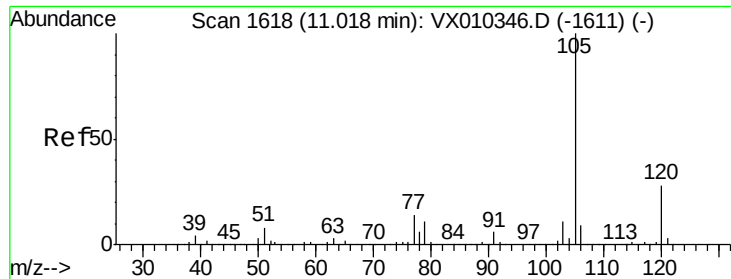
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion:152 Resp: 154674
Ion Ratio Lower Upper
152 100
115 59.7 38.6 115.7
150 158.2 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: 39.073 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

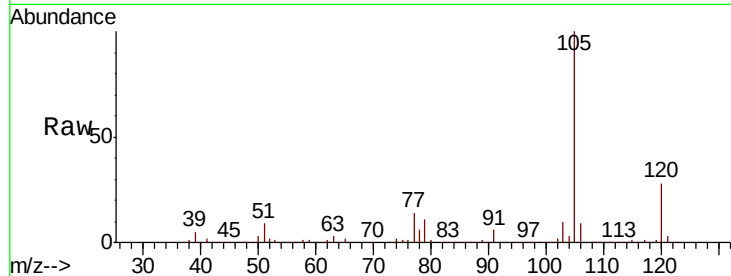
FL-0589

Tot Ion:105 Resp: 409681

Ion Ratio Lower Upper

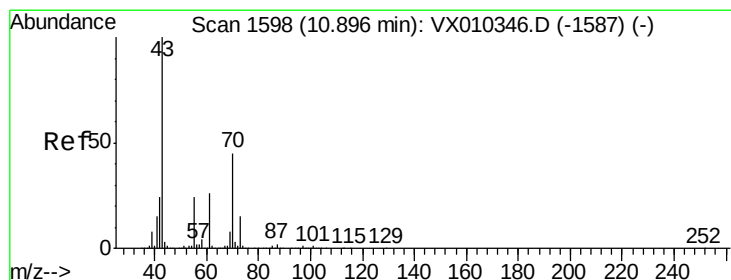
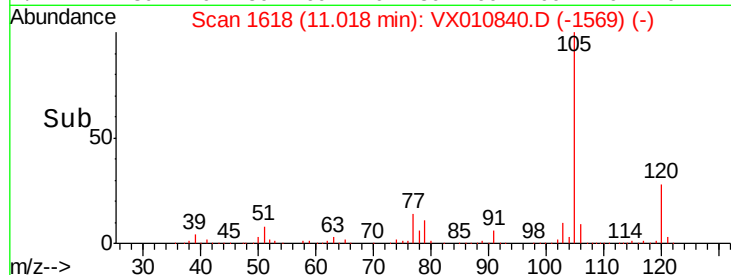
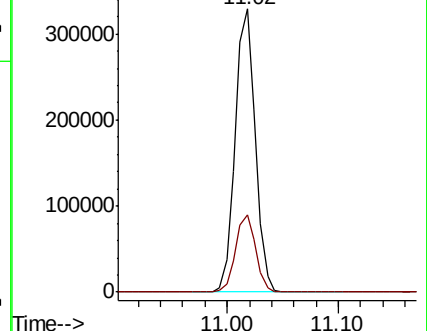
105 100

120 27.4 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-ethyl acetate

Concen: 0.294 ug/l

RT: 10.93 min Scan# 1603

Delta R.T. 0.03 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Tgt Ion: 43 Resp: 1165

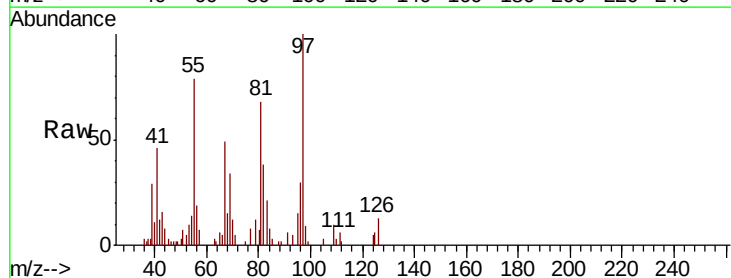
Ion Ratio Lower Upper

43 100

70 92.1 36.6 54.8#

55 557.8 18.7 28.1#

61 0.0 20.6 31.0#

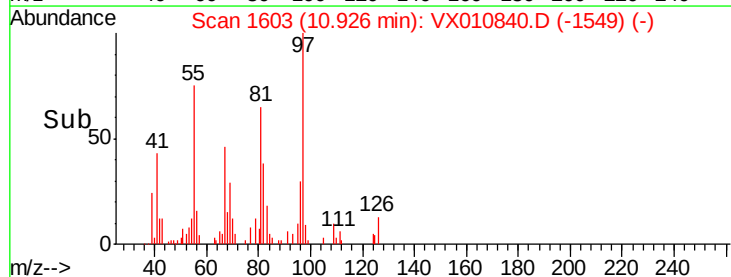
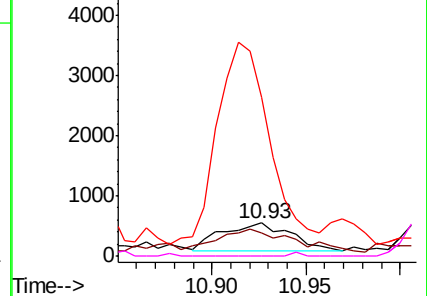


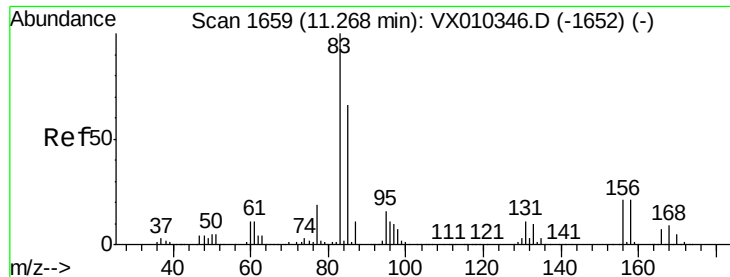
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.718 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

FL-0589

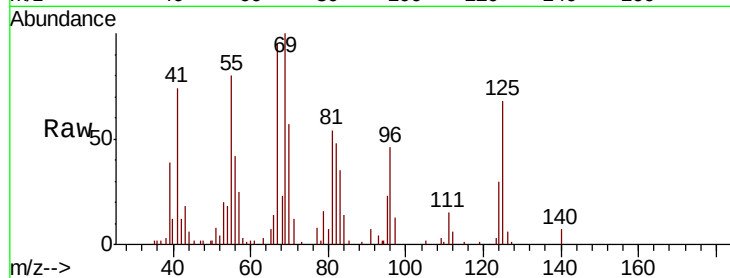
Tot Ion: 83 Resp: 2494

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

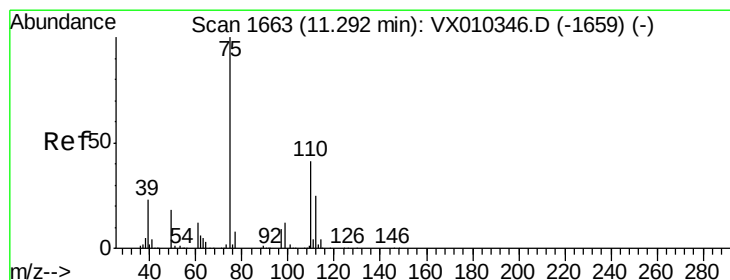
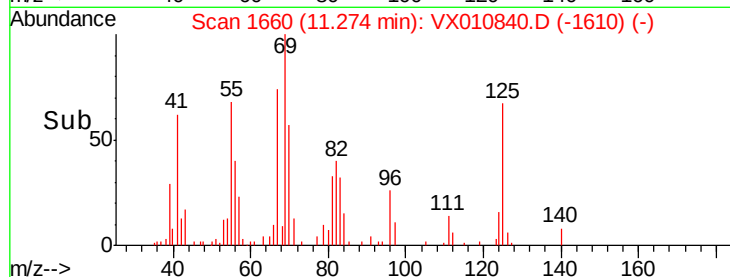
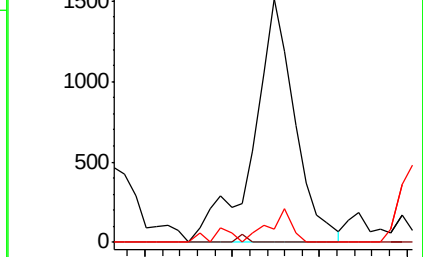
85 7.7 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.298 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010840.D

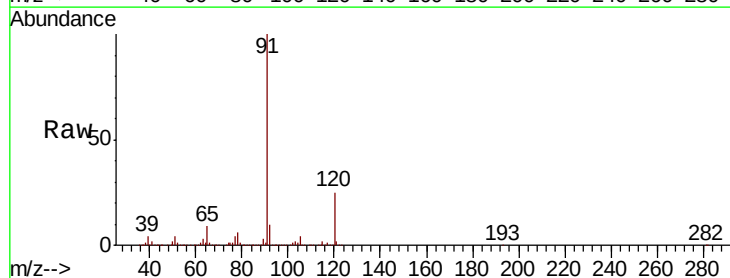
Acq: 12 Jul 2019 16:49

Tgt Ion: 75 Resp: 3659

Ion Ratio Lower Upper

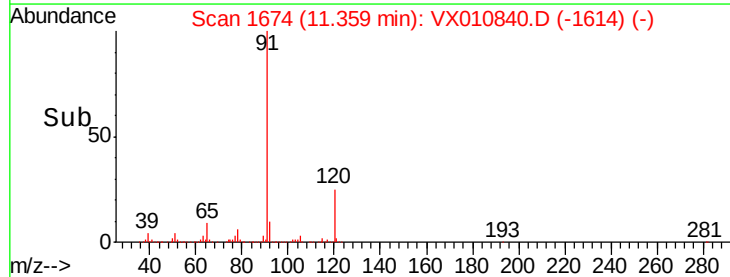
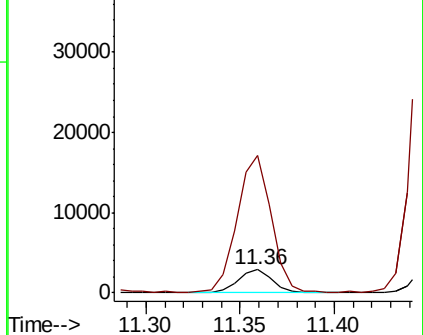
75 100

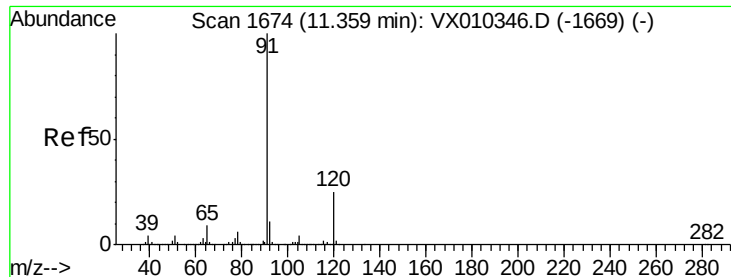
77 579.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 48.440 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

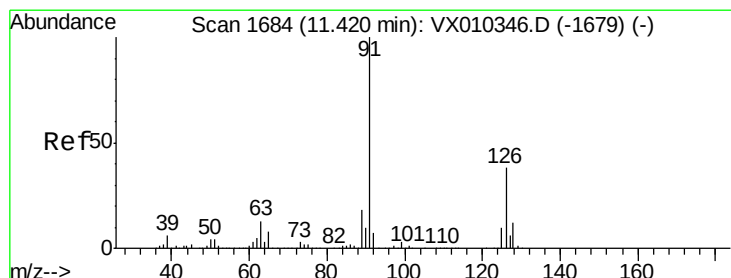
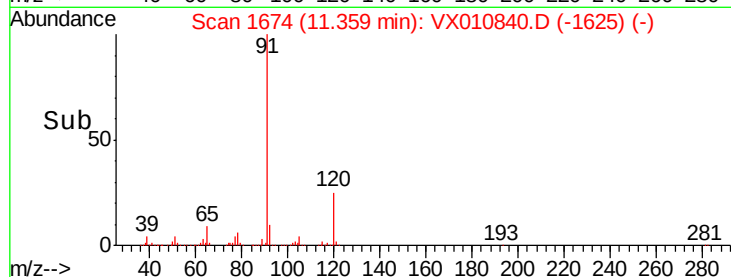
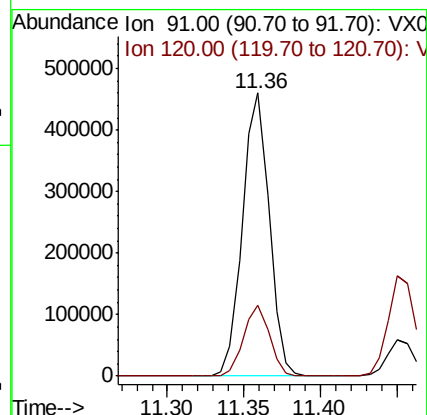
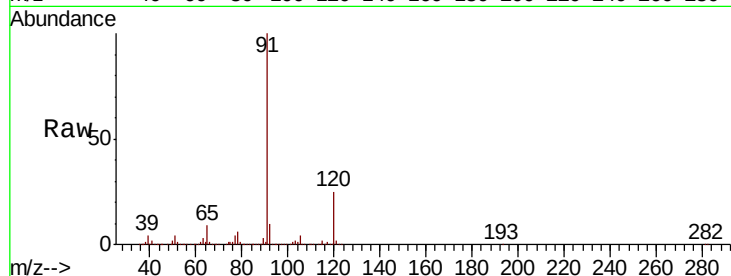
FL-0589

Tot Ion: 91 Resp: 558197

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4



#79

2-Chlorotoluene

Concen: 10.139 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010840.D

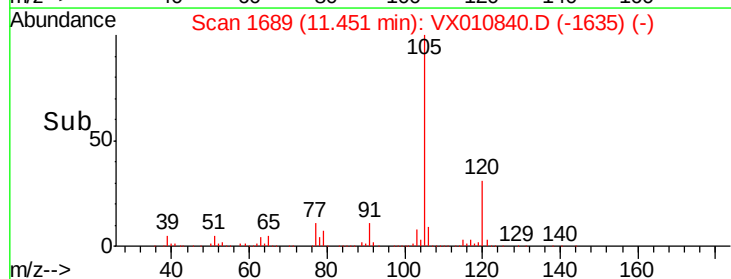
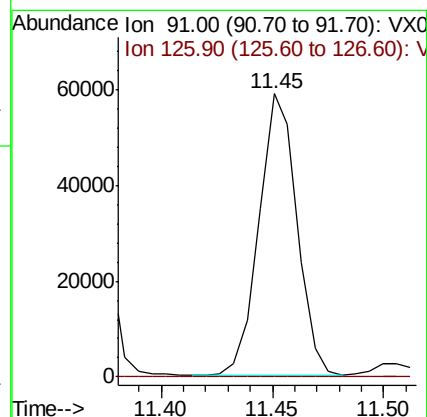
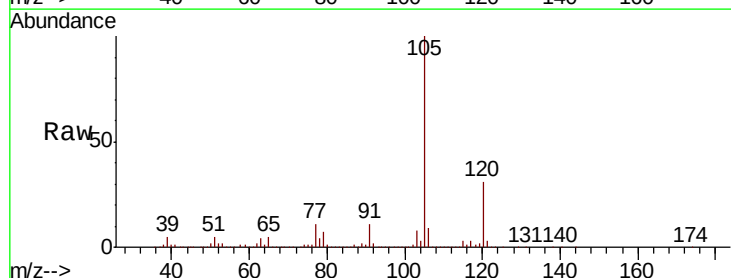
Acq: 12 Jul 2019 16:49

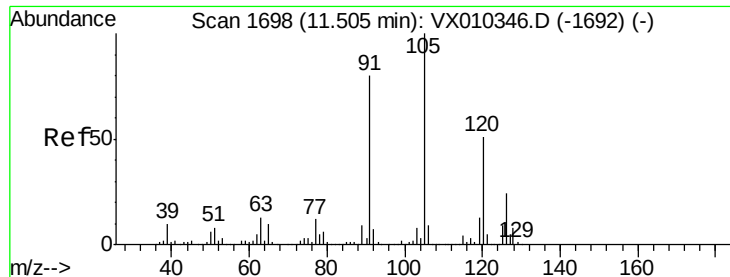
Tgt Ion: 91 Resp: 69575

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 74.085 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampleId :

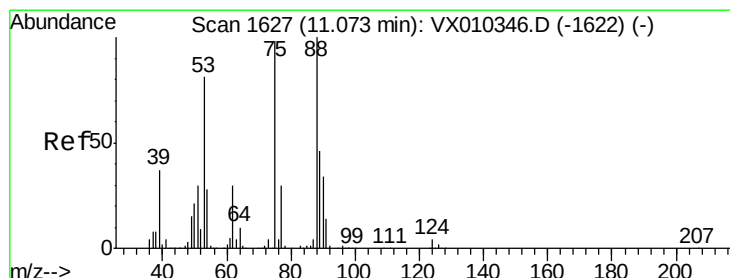
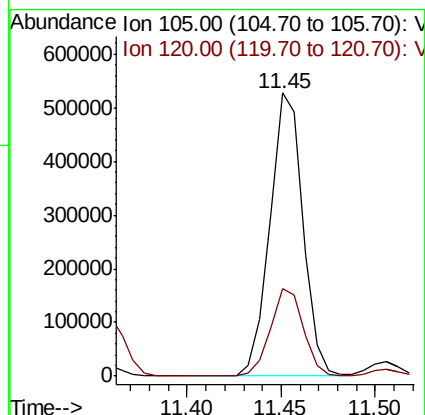
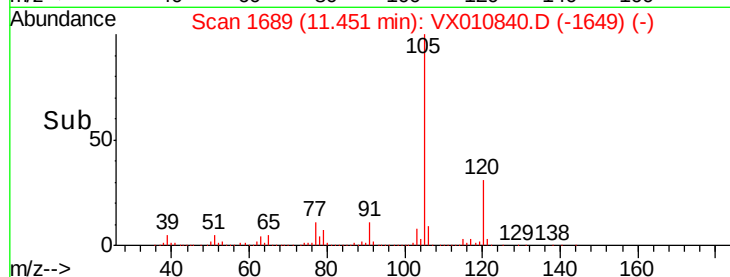
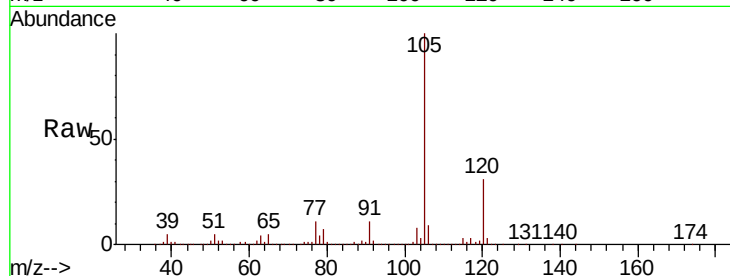
FL-0589

Tot Ion:105 Resp: 640362

Ion Ratio Lower Upper

105 100

120 30.9 25.2 75.6



#81

trans-1,4-Dichloro-2-butene

Concen: 4.042 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

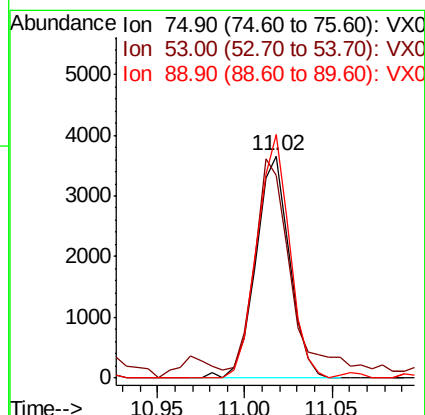
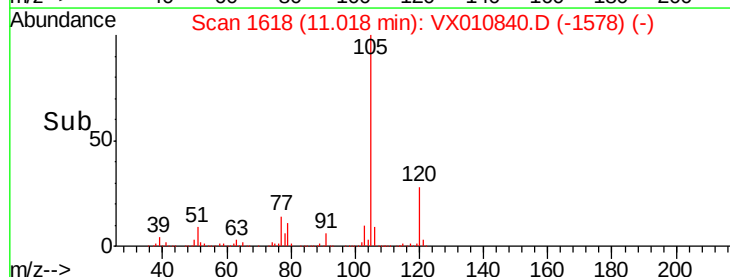
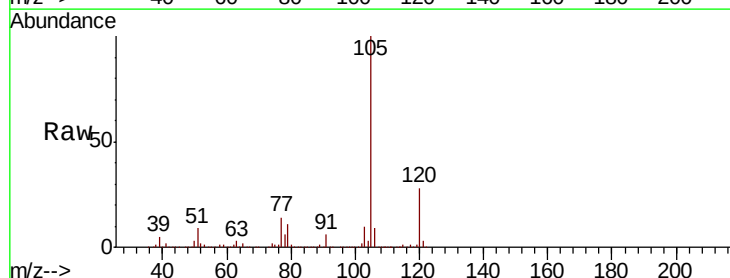
Tgt Ion: 75 Resp: 4883

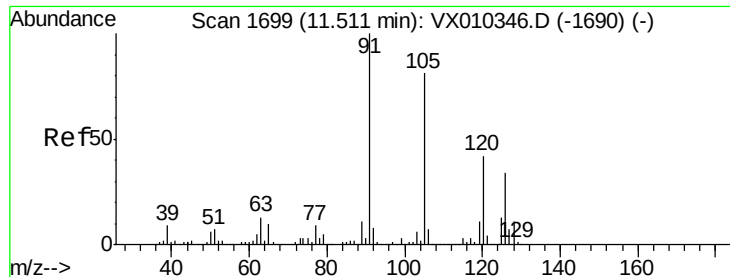
Ion Ratio Lower Upper

75 100

53 101.9 66.1 99.1#

89 106.3 37.8 56.6#

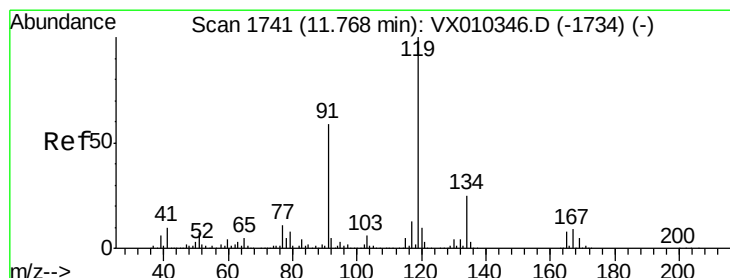
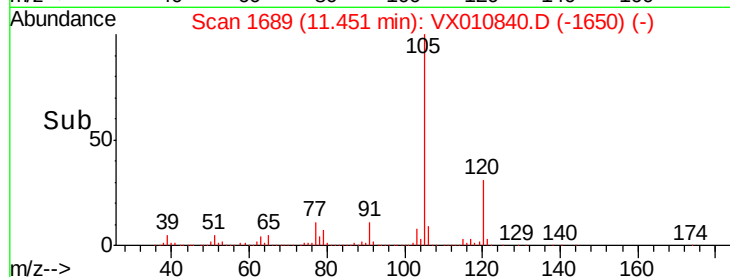
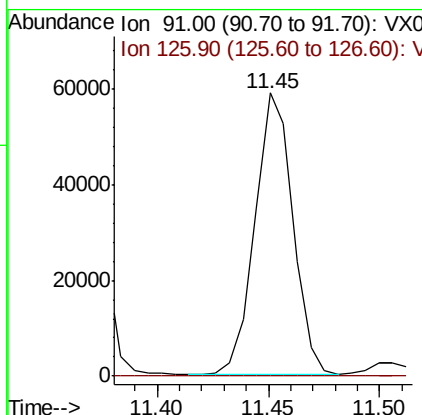
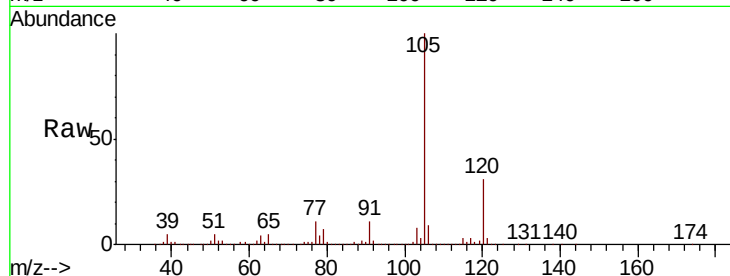




#82
4-Chlorotoluene
Concen: 8.911 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. -0.06 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

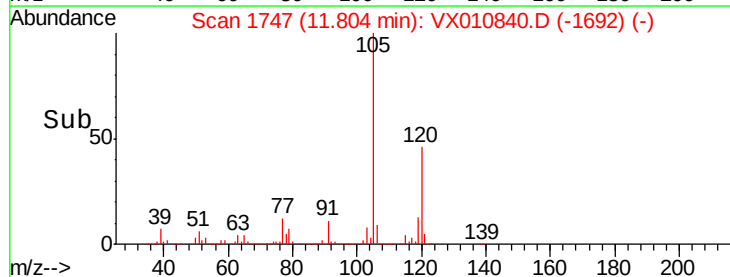
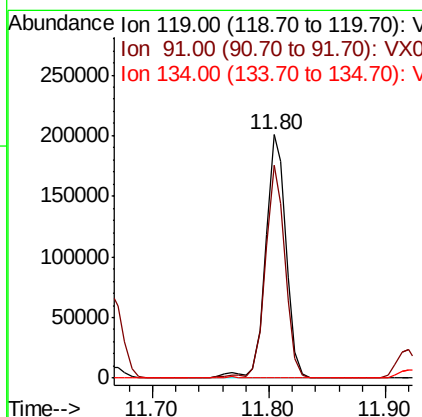
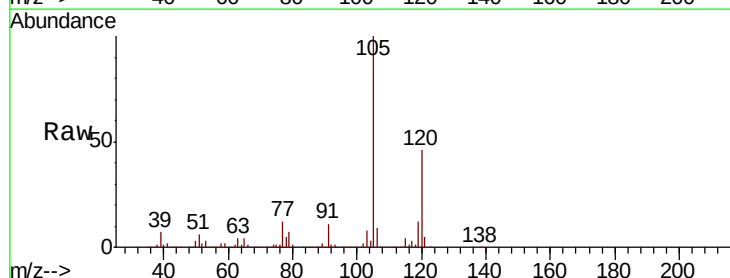
Instrument :
MSVOA_X
ClientSampleId :
FL-0589

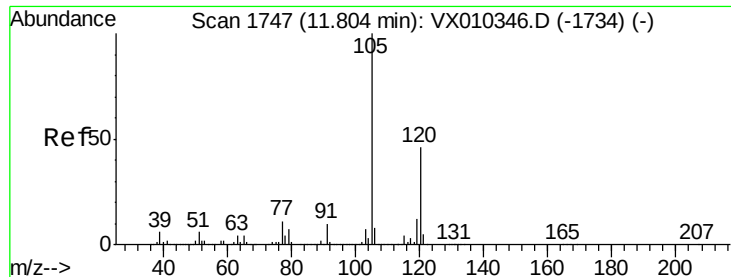
Tot Ion: 91 Resp: 69575
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 28.291 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 119 Resp: 245436
Ion Ratio Lower Upper
119 100
91 84.5 27.6 82.7#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 222.122 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010840.D

Acq: 12 Jul 2019 16:49

Instrument :

MSVOA_X

ClientSampled :

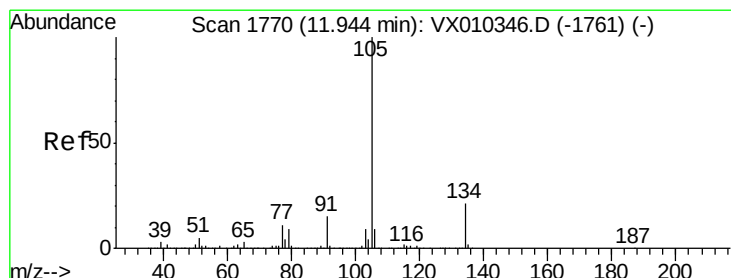
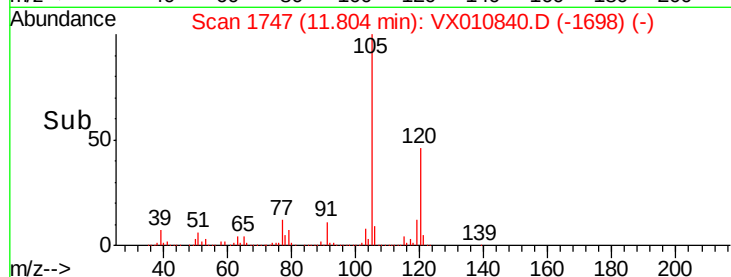
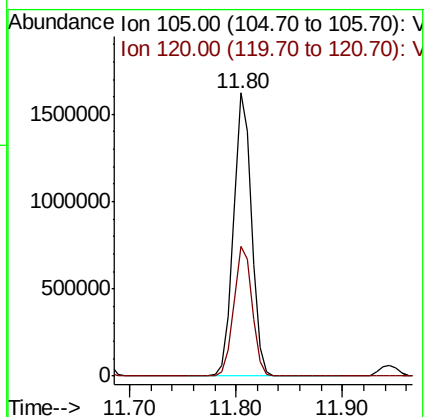
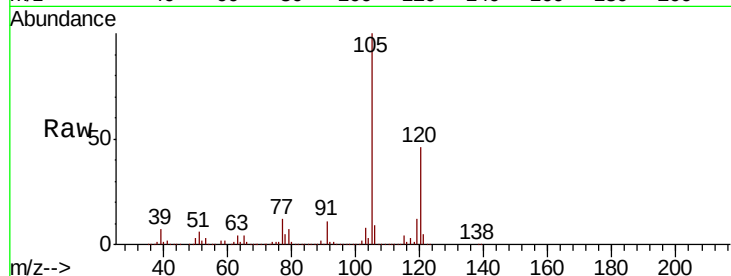
FL-0589

Tot Ion:105 Resp: 1928935

Ion Ratio Lower Upper

105 100

120 46.5 23.1 69.2



#85

sec-Butylbenzene

Concen: 7.875 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010840.D

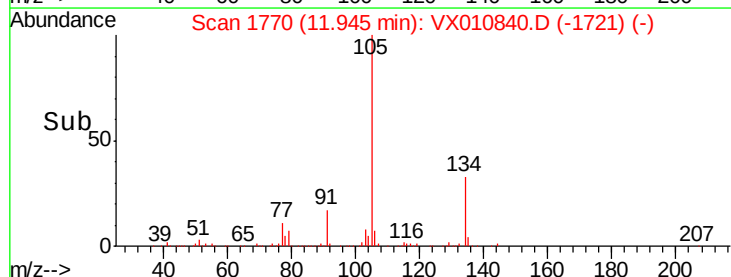
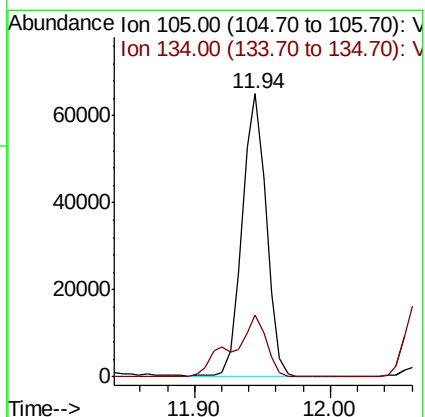
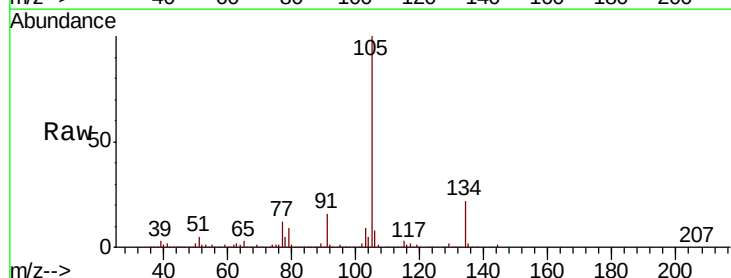
Acq: 12 Jul 2019 16:49

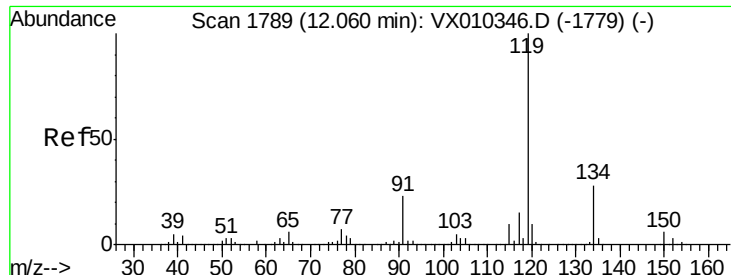
Tgt Ion:105 Resp: 80213

Ion Ratio Lower Upper

105 100

134 31.0 10.7 31.9

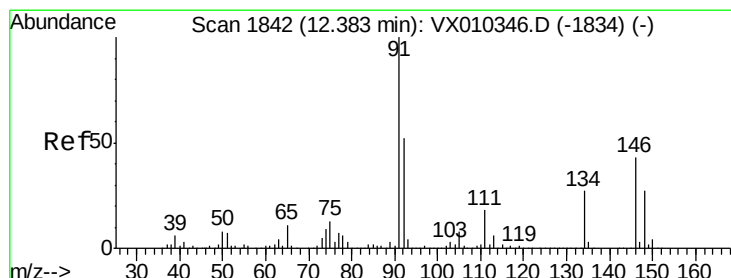
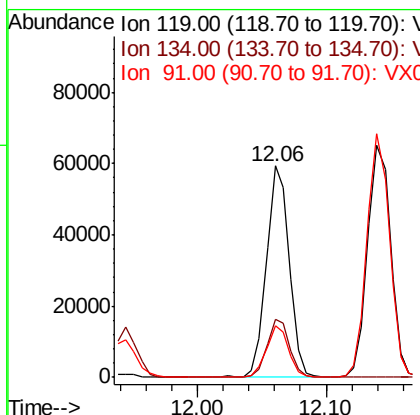
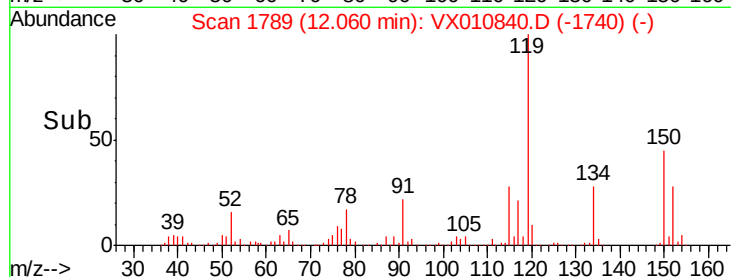
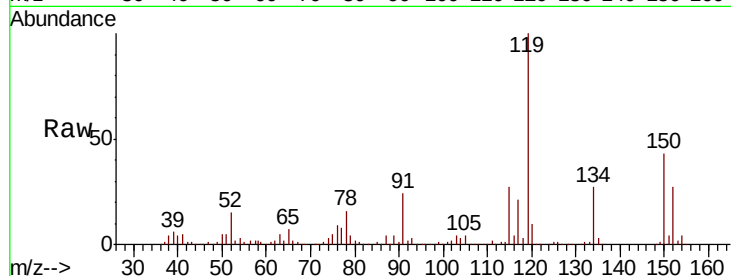




#86
p-Isopropyltoluene
Concen: 7.771 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

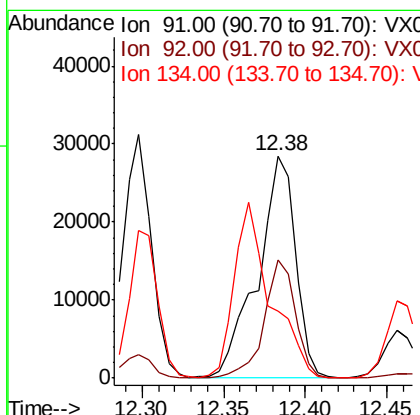
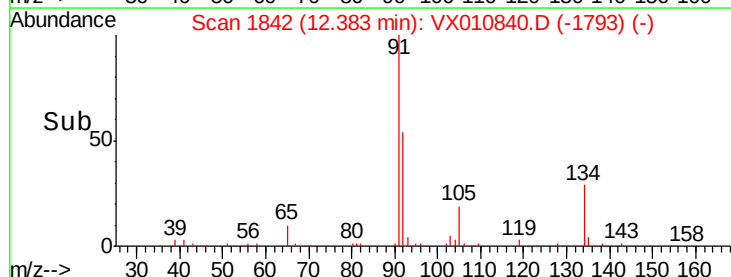
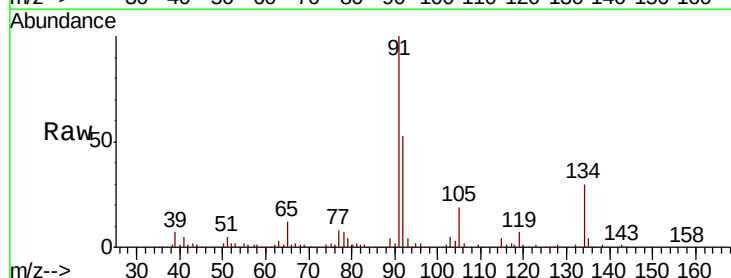
Instrument :
MSVOA_X
ClientSampleId :
FL-0589

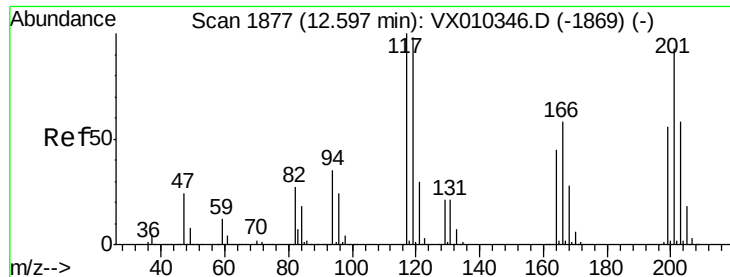
Tot Ion:119 Resp: 73220
Ion Ratio Lower Upper
119 100
134 27.1 13.7 41.1
91 23.8 11.3 33.8



#89
n-Butylbenzene
Concen: 5.658 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 91 Resp: 45296
Ion Ratio Lower Upper
91 100
92 44.3 26.2 78.5
134 76.8 14.1 42.4#

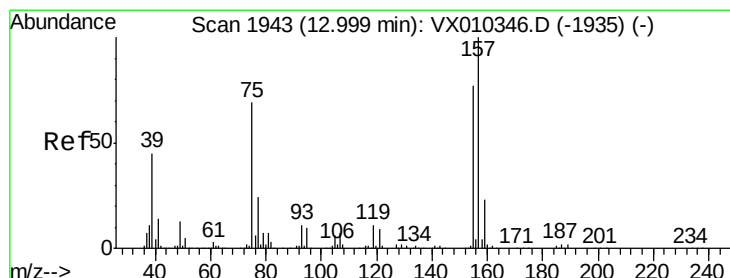
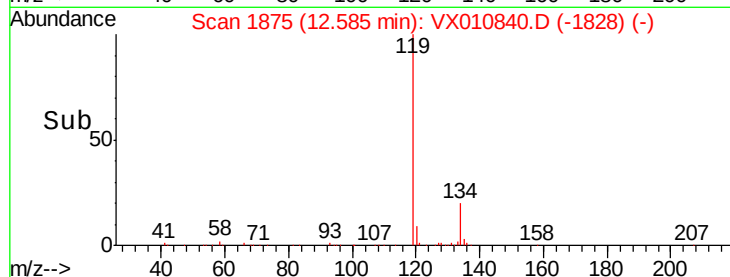
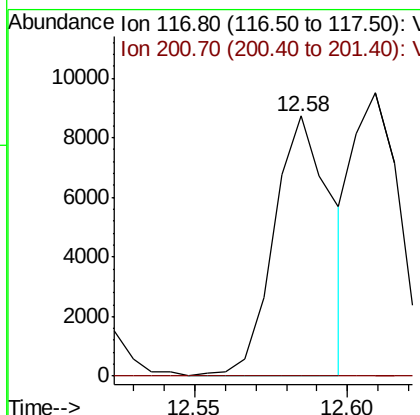
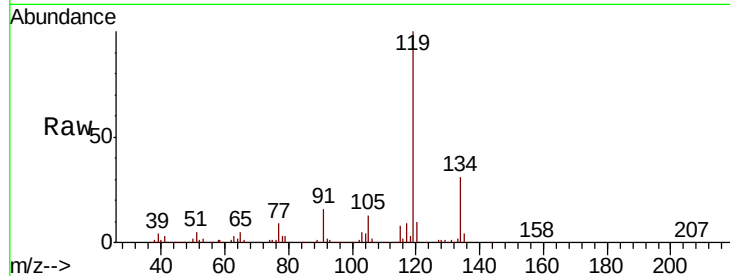




#90
Hexachloroethane
Concen: 7.047 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

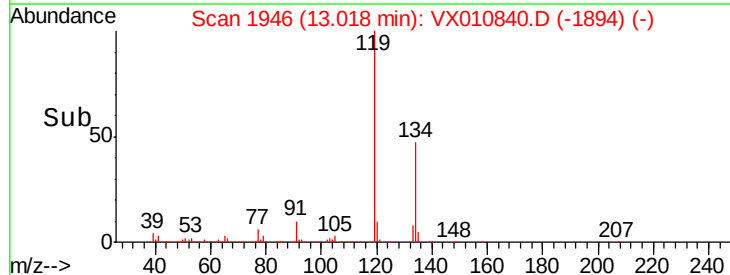
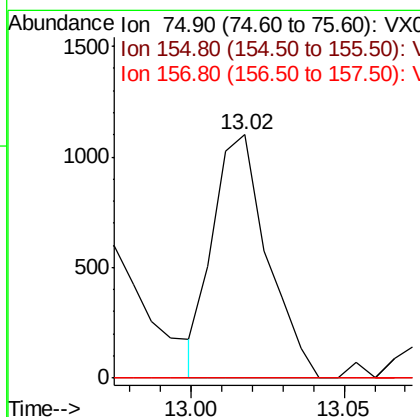
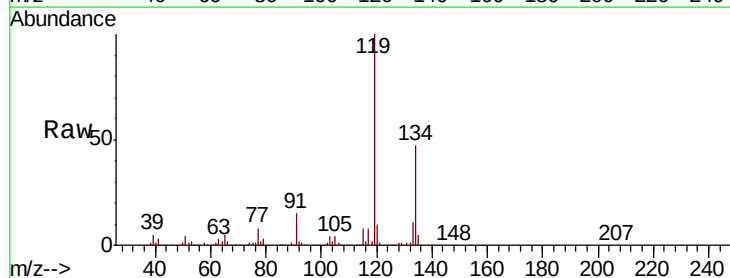
Instrument :
MSVOA_X
ClientSampleId :
FL-0589

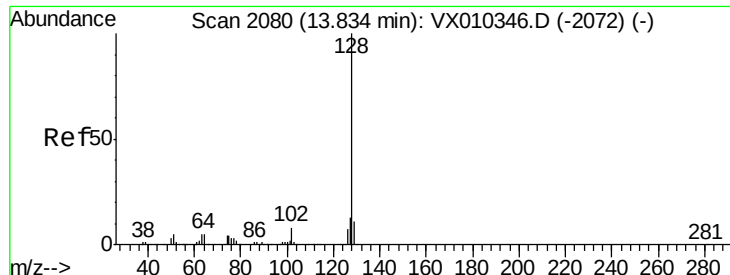
Tot Ion:117 Resp: 11481
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.810 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Tgt Ion: 75 Resp: 1355
Ion Ratio Lower Upper
75 100
155 0.0 54.4 163.1#
157 0.0 69.5 208.3#





#95
Naphthalene
Concen: 29.861 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010840.D
Acq: 12 Jul 2019 16:49

Instrument :
MSVOA_X
ClientSampleId :
FL-0589

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.7	8.9	13.3

