

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010704.D
 Acq On : 08 Jul 2019 18:32
 Operator : JC/SP
 Sample : K3664-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0588

Quant Time: Jul 09 01:11:29 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	233683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116360	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
35) Dibromofluoromethane	5.50	113	109177	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	430542	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	153136	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	874	0.462	ug/l #	64
5) Bromomethane	1.65	94	504	0.499	ug/l #	55
6) Chloroethane	1.71	64	14597	11.940	ug/l #	52
11) Tert butyl alcohol	3.03	59	1371	2.391	ug/l #	74
13) Acrolein	2.39	56	10205	26.832	ug/l #	76
14) Allyl chloride	2.84	41	21745	7.562	ug/l #	61
15) Acrylonitrile	3.18	53	8120	7.154	ug/l #	41
16) Acetone	2.45	43	2264	2.062	ug/l #	76
18) Methyl Acetate	2.84	43	54779	25.030	ug/l #	48
20) Methylene Chloride	2.86	84	845	0.374	ug/l #	1
25) 2-Butanone	4.69	43	1249	0.775	ug/l #	87
31) Cyclohexane	5.59	56	208100	65.755	ug/l	96
36) 1,1-Dichloropropene	5.67	75	15231	5.295	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20978	6.734	ug/l #	15
39) Methylcyclohexane	7.46	83	409321	108.246	ug/l	97
43) Isopropyl Acetate	6.45	43	5689	1.162	ug/l #	59
45) 1,2-Dichloropropane	7.46	63	4269	1.886	ug/l #	1
47) Bromodichloromethane	7.85	83	1087	0.365	ug/l #	1
48) Methyl methacrylate	7.73	41	21467	9.432	ug/l #	50
49) 1,4-Dioxane	7.70	88	24	0.366	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	4851	1.549	ug/l #	40
52) Toluene	8.79	92	6884	1.166	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	27391	11.253	ug/l #	19
56) Ethyl methacrylate	9.16	69	5474	1.485	ug/l #	1
67) Ethyl Benzene	10.25	91	2160818	189.683	ug/l	100
68) m/p-Xylenes	10.36	106	2012250	455.879	ug/l	98
69) o-Xylene	10.69	106	252148	58.088	ug/l	99
70) Styrene	10.69	104	13471	1.851	ug/l #	1
73) Isopropylbenzene	11.02	105	273765	23.209	ug/l	98
74) N-amyl acetate	10.91	43	1179	0.264	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	2268	0.581	ug/l #	35
76) 1,2,3-Trichloropropane	11.36	75	3472	1.095	ug/l #	1
78) n-propylbenzene	11.36	91	535769	41.328	ug/l	99
79) 2-Chlorotoluene	11.43	91	190029	24.616	ug/l #	38

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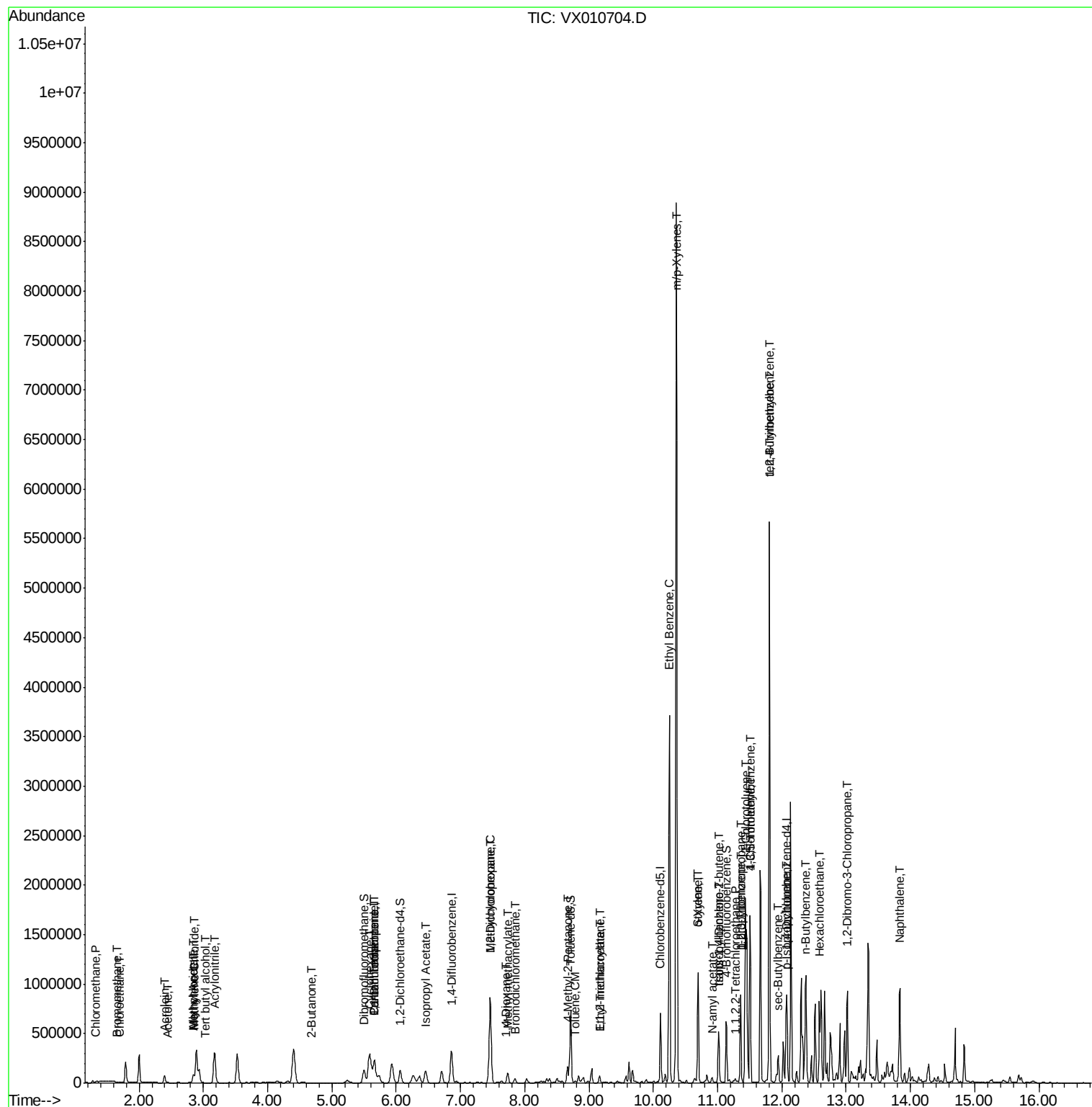
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	716167	73.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	3247	2.389	ug/l #	65
82) 4-Chlorotoluene	11.51	91	74816	8.517	ug/l #	42
83) tert-Butylbenzene	11.80	119	306647	31.419	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.80	105	2465589	252.374	ug/l	100
85) sec-Butylbenzene	11.94	105	143099	12.488	ug/l	84
86) p-Isopropyltoluene	12.06	119	140778	13.281	ug/l	99
89) n-Butylbenzene	12.38	91	173231	19.233	ug/l #	29
90) Hexachloroethane	12.58	117	34206	18.663	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2839	3.371	ug/l #	1
95) Naphthalene	13.83	128	599337	49.218	ug/l	99

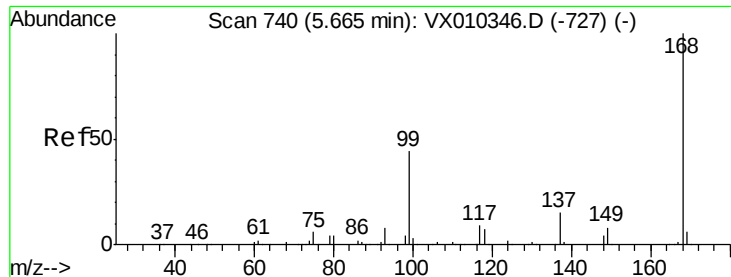
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

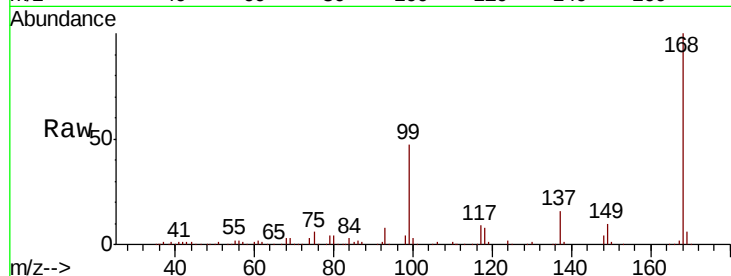
FL-0588

Tot Ion:168 Resp: 233683

Ion Ratio Lower Upper

168 100

99 47.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

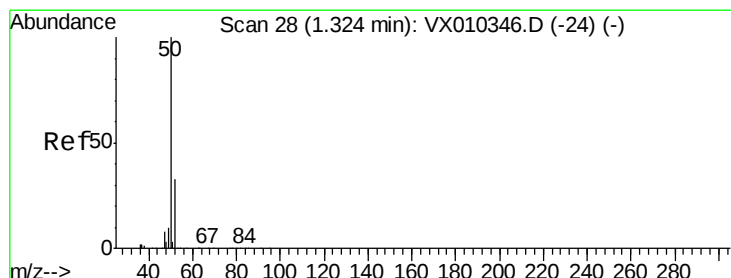
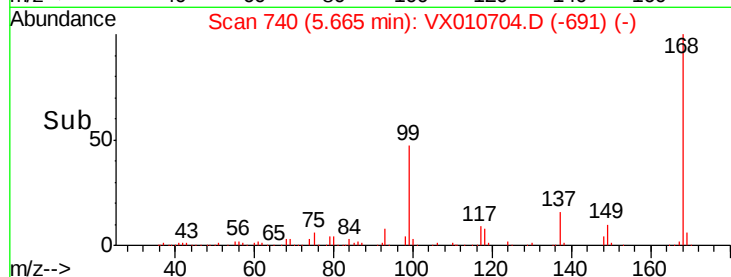
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.462 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010704.D

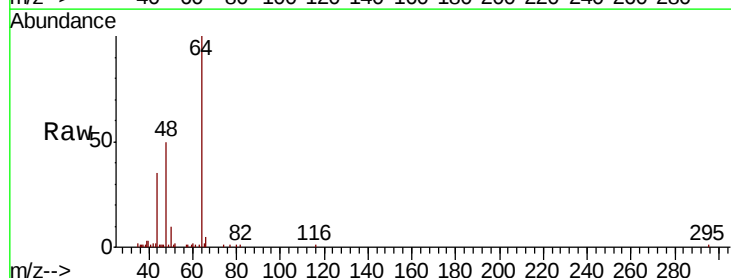
Acq: 08 Jul 2019 18:32

Tgt Ion: 50 Resp: 874

Ion Ratio Lower Upper

50 100

52 12.6 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

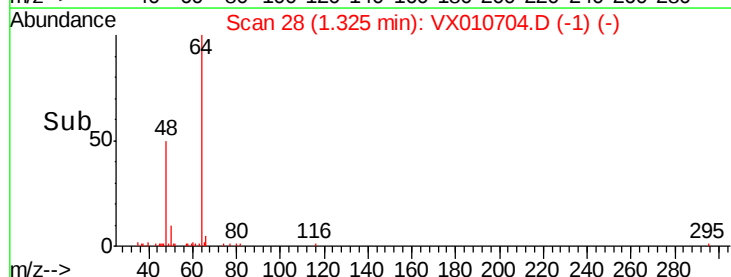
600

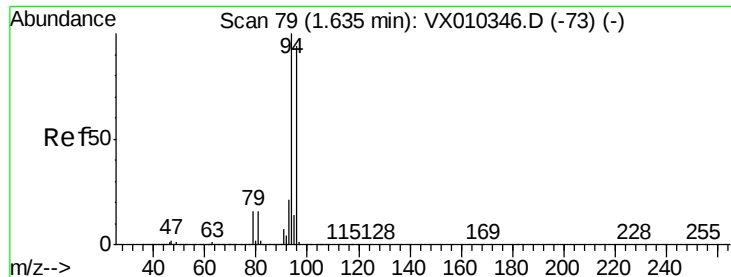
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.499 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

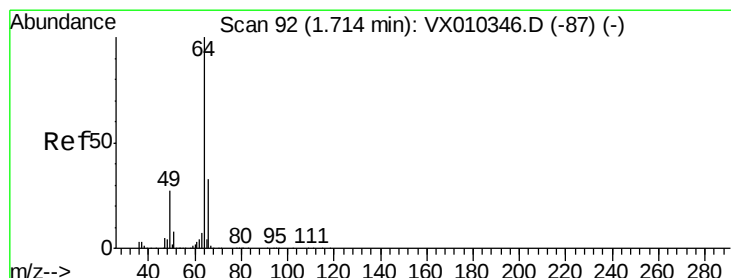
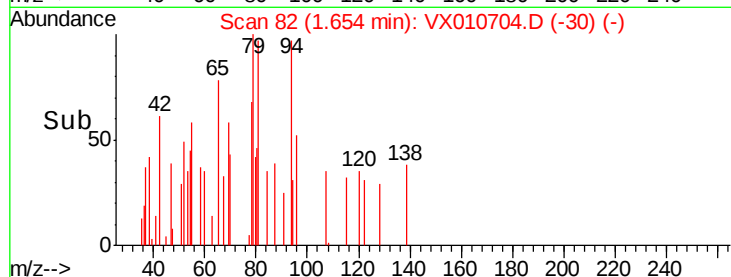
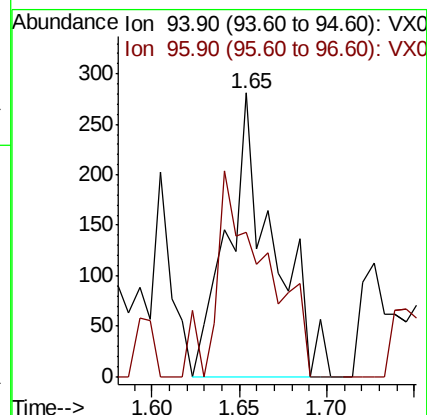
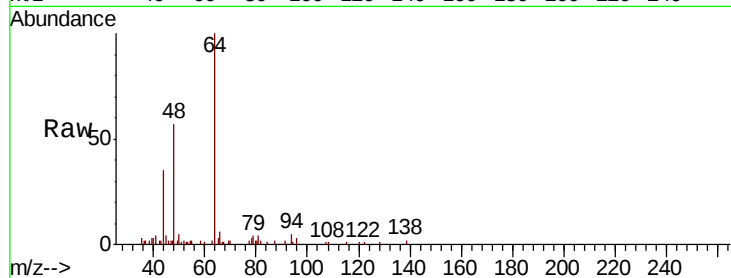
FL-0588

Tot Ion: 94 Resp: 504

Ion Ratio Lower Upper

94 100

96 50.9 75.5 113.3#



#6

Chloroethane

Concen: 11.940 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010704.D

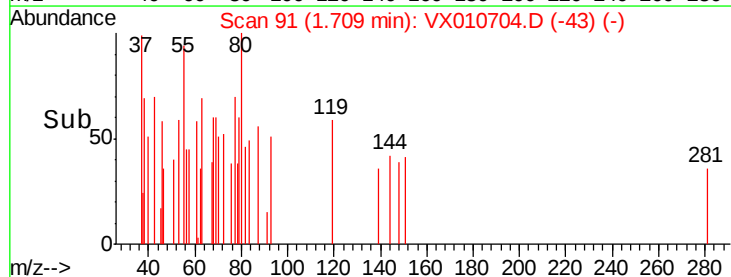
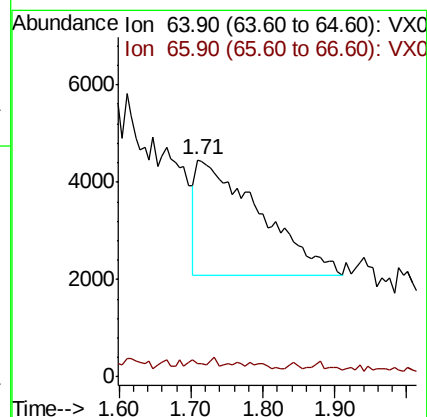
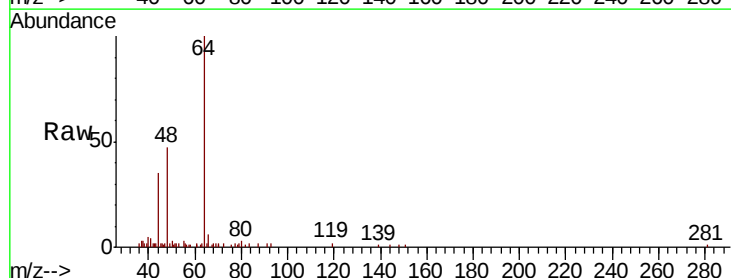
Acq: 08 Jul 2019 18:32

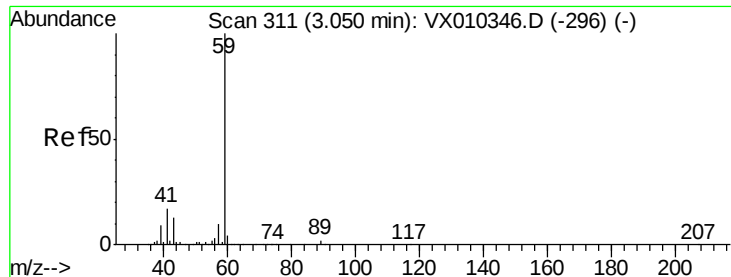
Tgt Ion: 64 Resp: 14597

Ion Ratio Lower Upper

64 100

66 5.8 26.6 40.0#

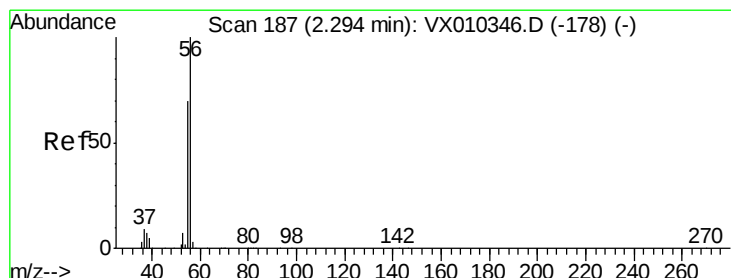
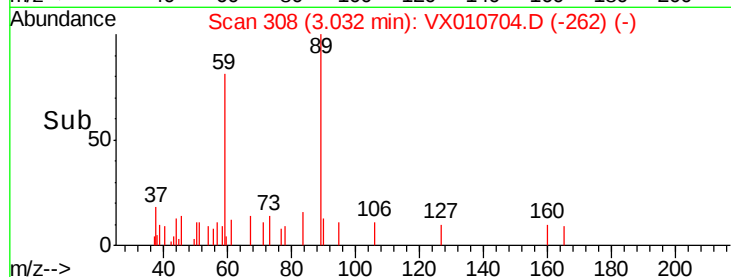
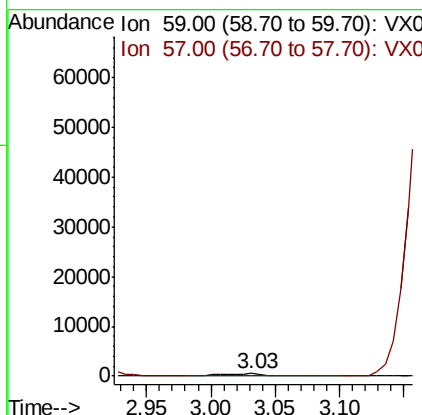
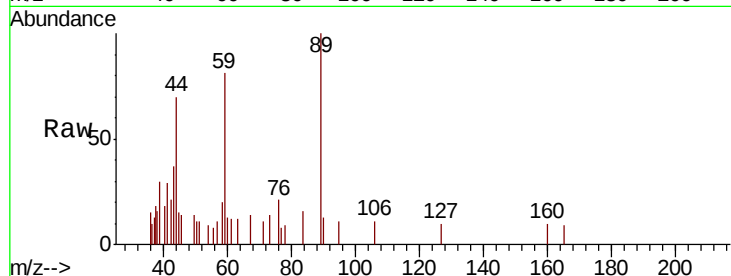




#11
Tert butyl alcohol
Concen: 2.391 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

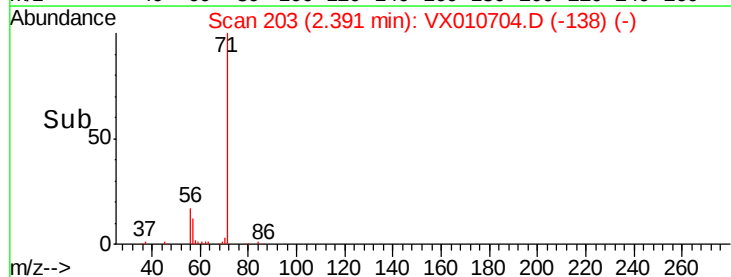
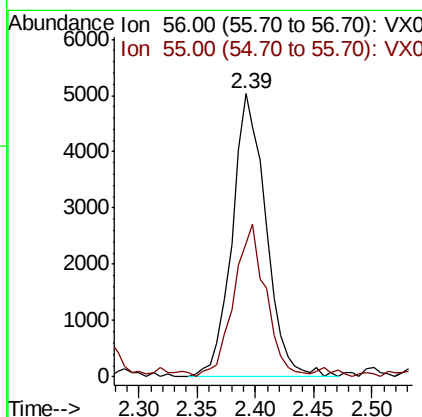
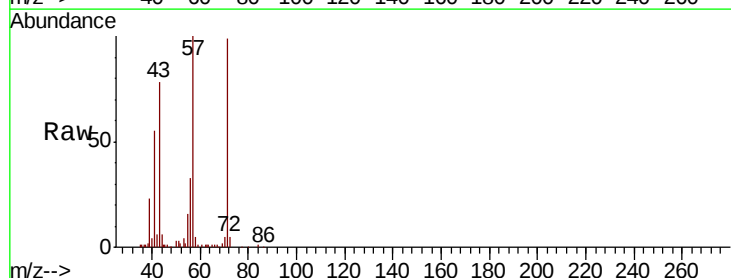
Instrument :
MSVOA_X
ClientSampled :
FL-0588

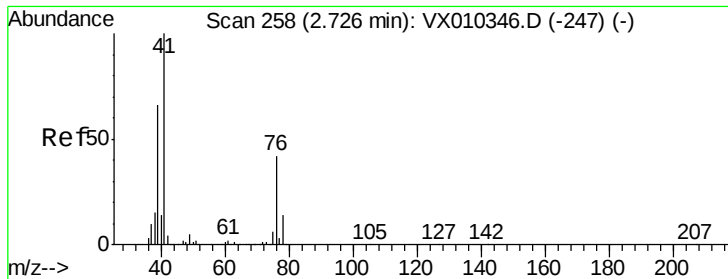
Tot Ion: 59 Resp: 1371
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 26.832 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.10 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 56 Resp: 10205
Ion Ratio Lower Upper
56 100
55 51.3 56.9 85.3#





#14

Allvl chloride

Concen: 7.562 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

FL-0588

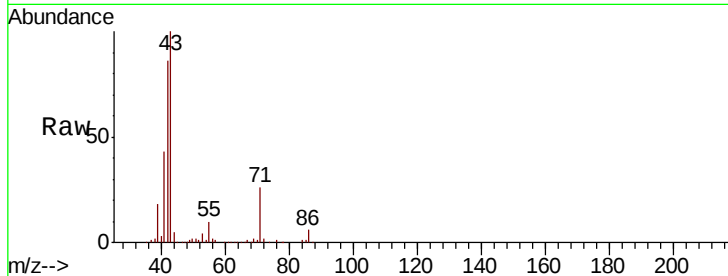
Tot Ion: 41 Resp: 21745

Ion Ratio Lower Upper

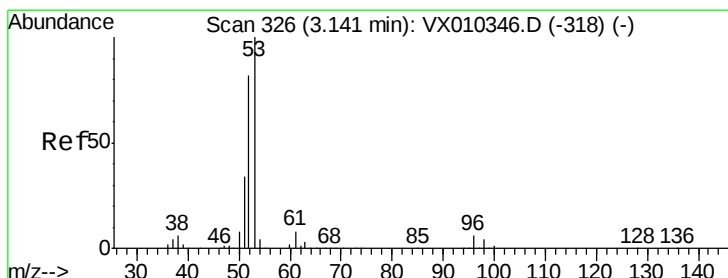
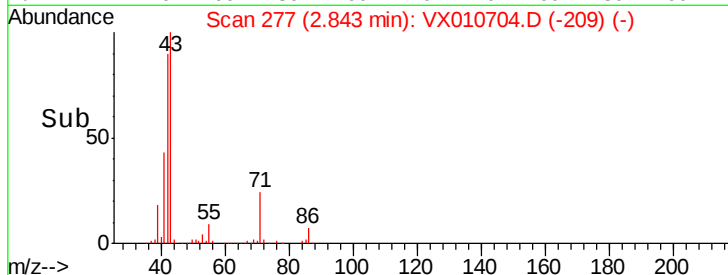
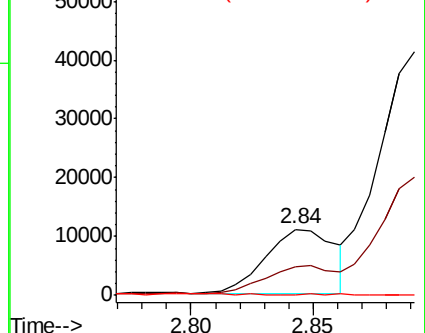
41 100

39 44.6 50.3 75.5#

76 0.8 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 7.154 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

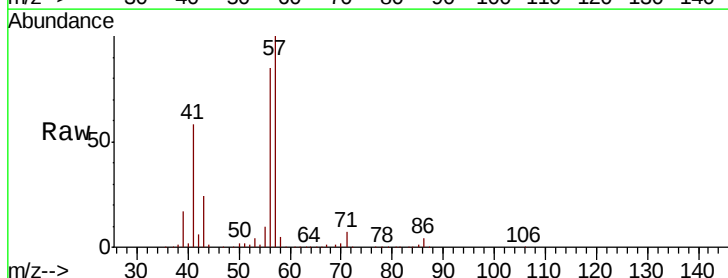
Tgt Ion: 53 Resp: 8120

Ion Ratio Lower Upper

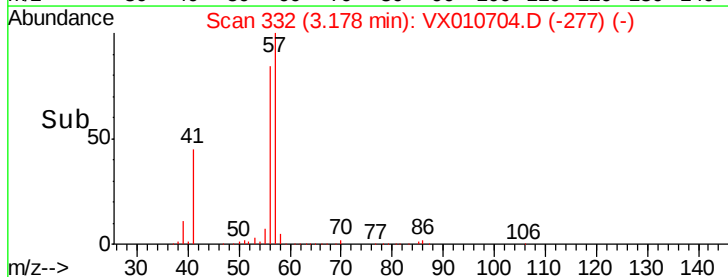
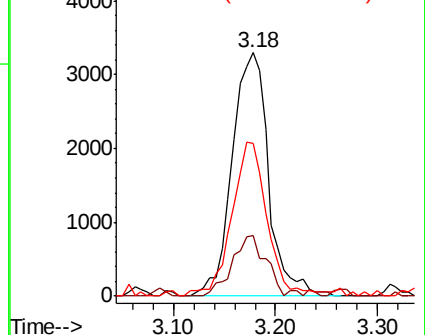
53 100

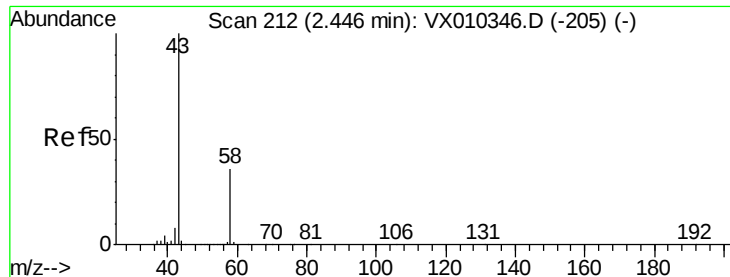
52 23.6 65.5 98.3#

51 61.8 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: 2.062 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

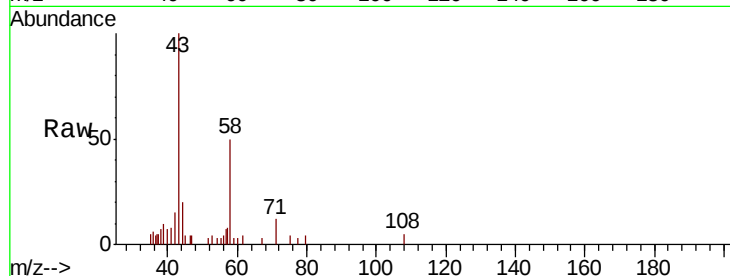
FL-0588

Tot Ion: 43 Resp: 2264

Ion Ratio Lower Upper

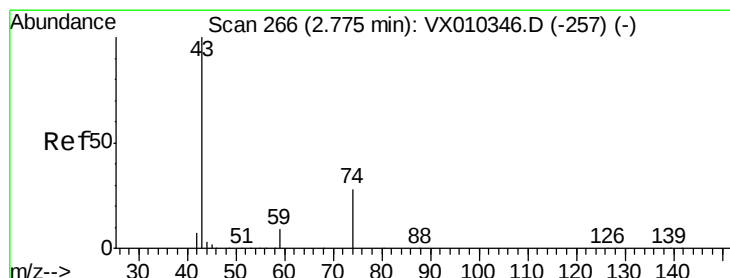
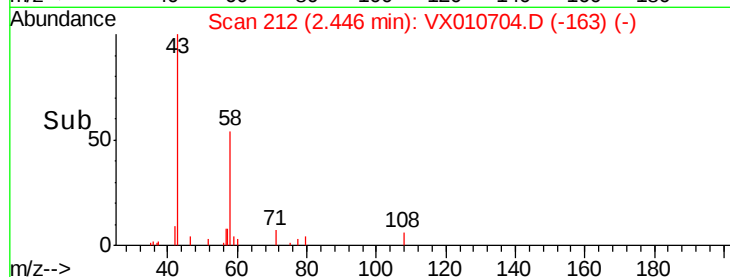
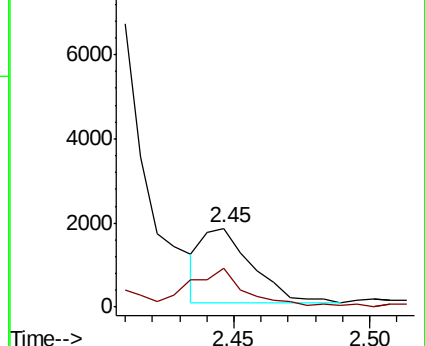
43 100

58 50.0 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: 25.030 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010704.D

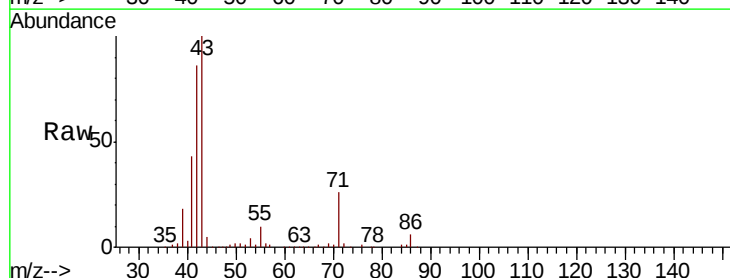
Acq: 08 Jul 2019 18:32

Tgt Ion: 43 Resp: 54779

Ion Ratio Lower Upper

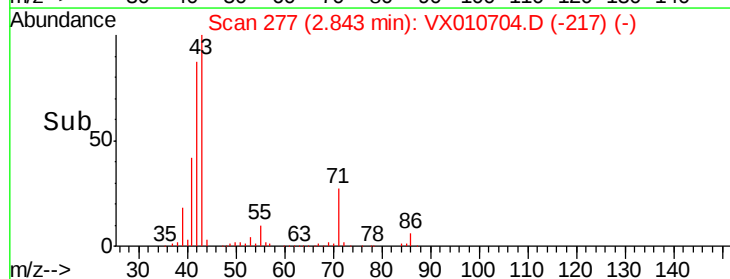
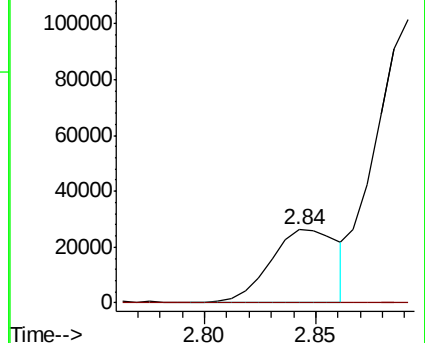
43 100

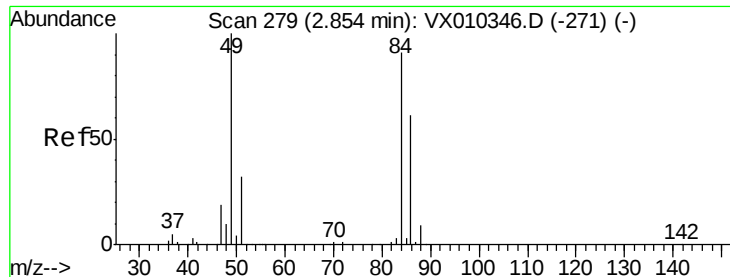
74 0.1 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

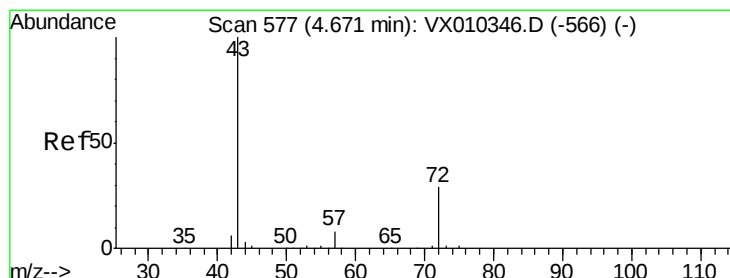
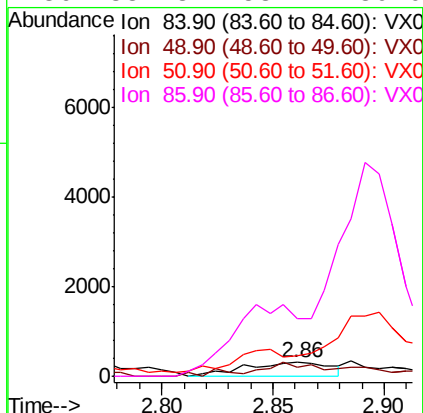
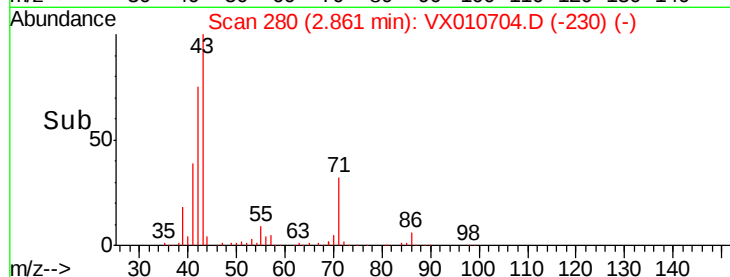
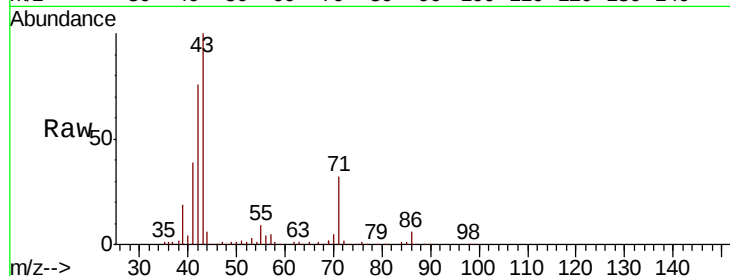




#20
Methvlene Chloride
Concen: 0.374 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

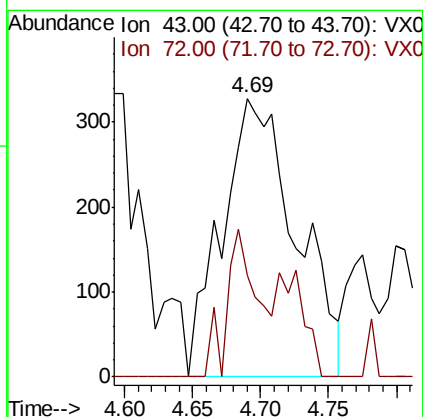
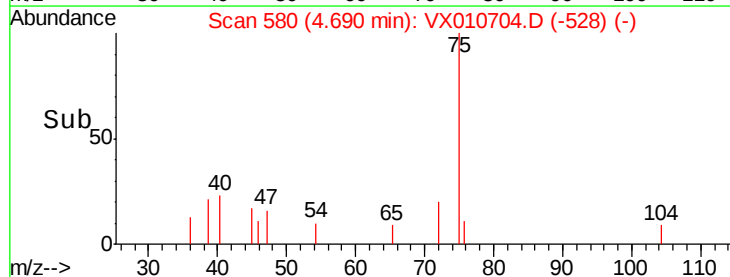
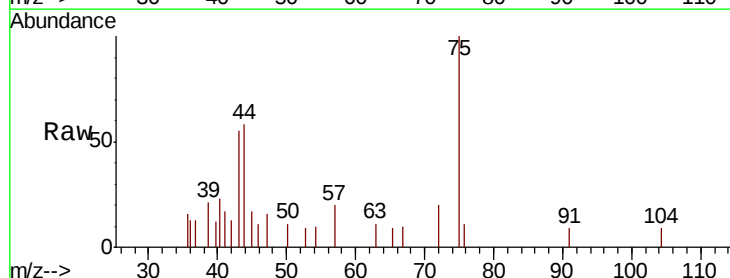
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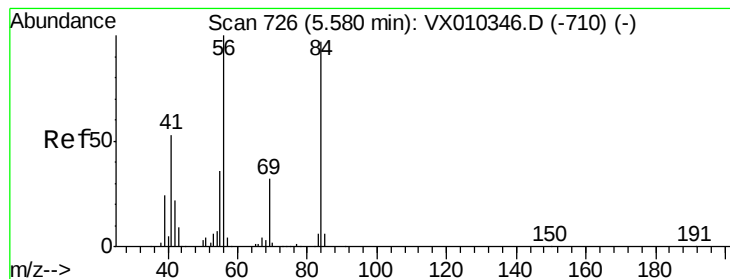
Tot Ion: 84 Resp: 845
Ion Ratio Lower Upper
84 100
49 32.8 87.5 131.3#
51 109.3 27.7 41.5#
86 382.3 53.4 80.0#



#25
2-Butanone
Concen: 0.775 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
72 36.3 23.3 34.9#





#31

Cyclohexane

Concen: 65.755 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0588

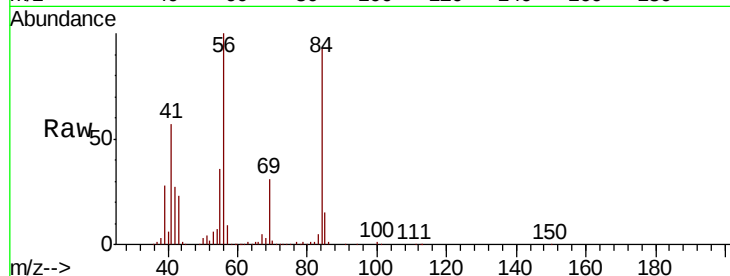
Tot Ion: 56 Resp: 208100

Ion Ratio Lower Upper

56 100

69 30.1 25.9 38.9

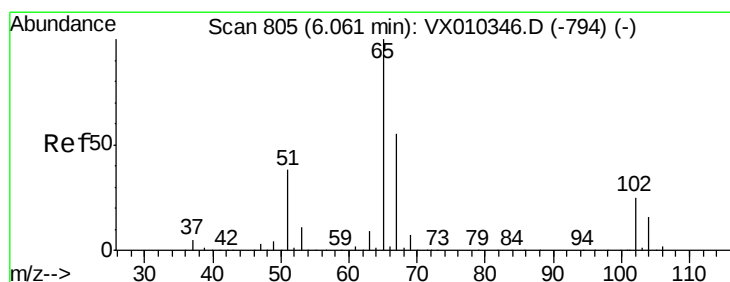
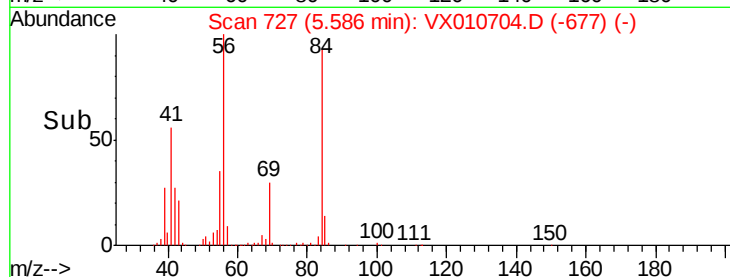
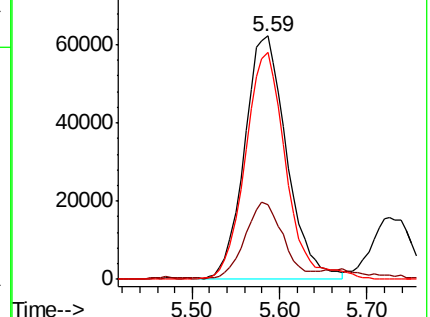
84 93.7 78.0 117.0



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: 53.108 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010704.D

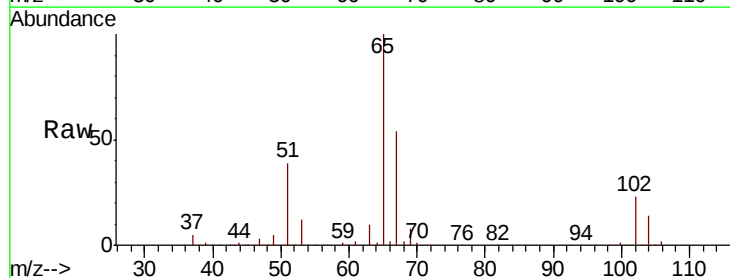
Acq: 08 Jul 2019 18:32

Tgt Ion: 65 Resp: 116360

Ion Ratio Lower Upper

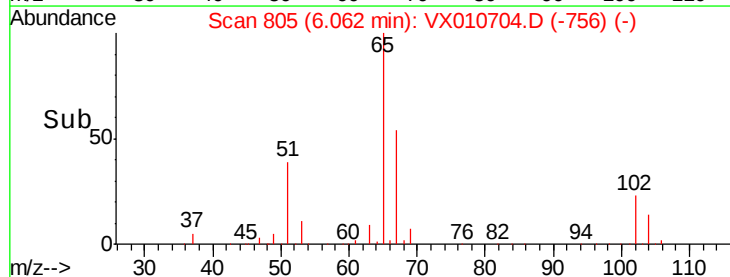
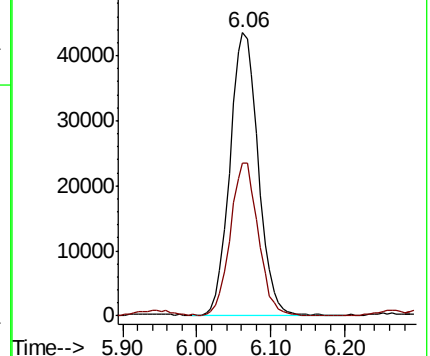
65 100

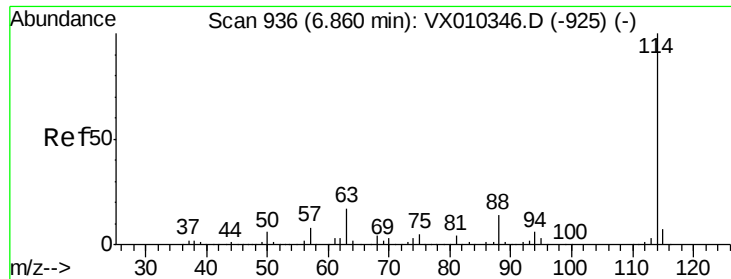
67 52.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

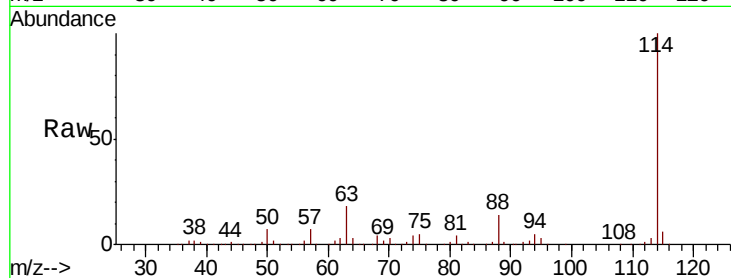




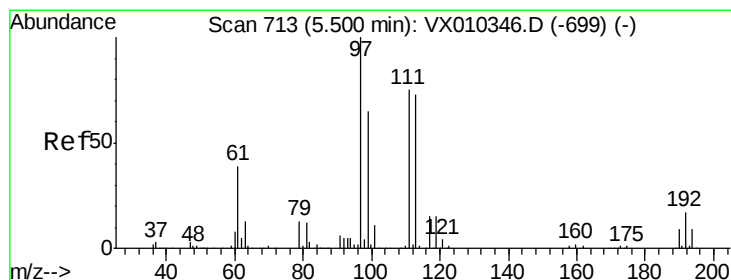
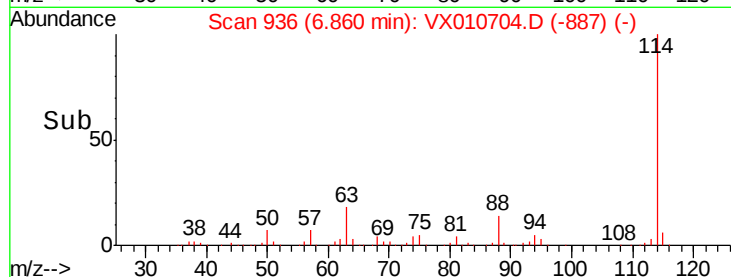
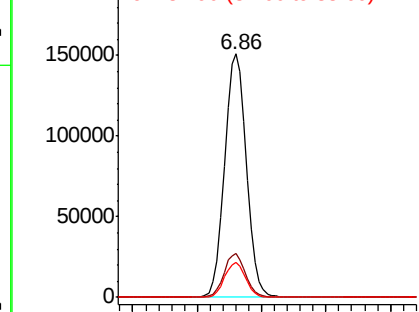
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0588

Tot Ion:114 Resp: 362012
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.8
88 14.4 0.0 27.6

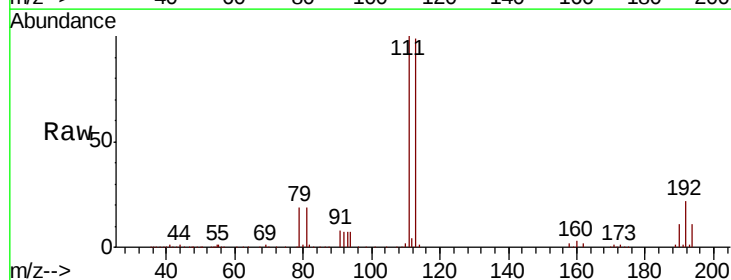


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

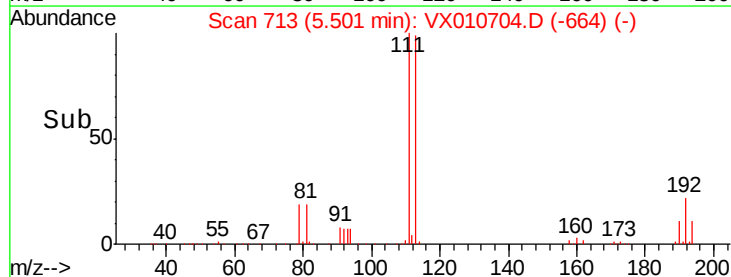
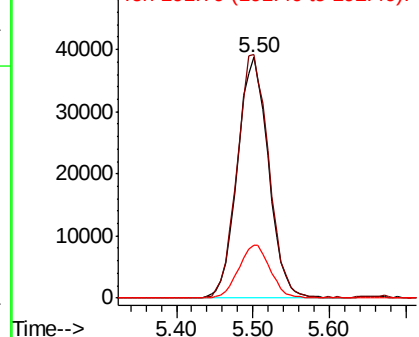


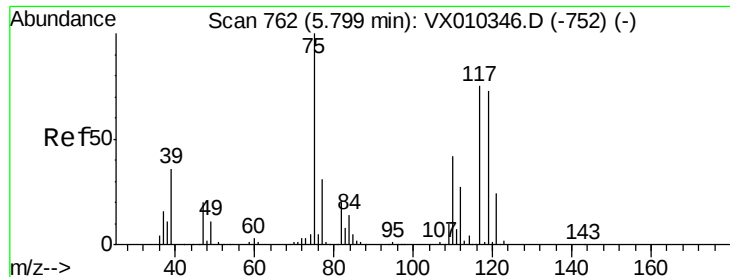
#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion:113 Resp: 109177
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 22.3 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

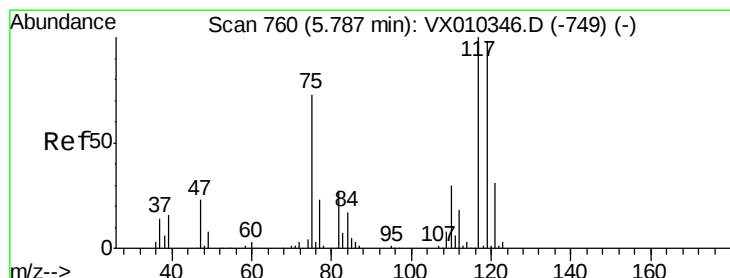
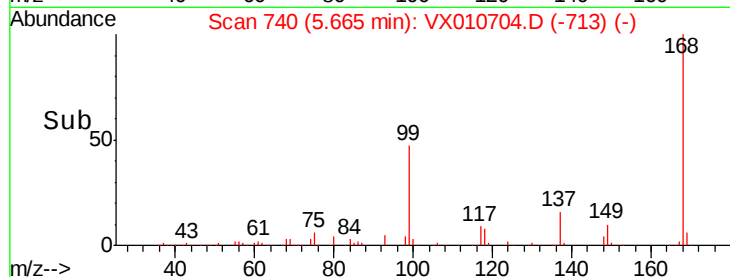
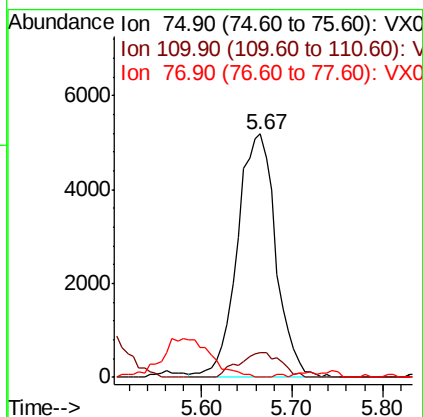
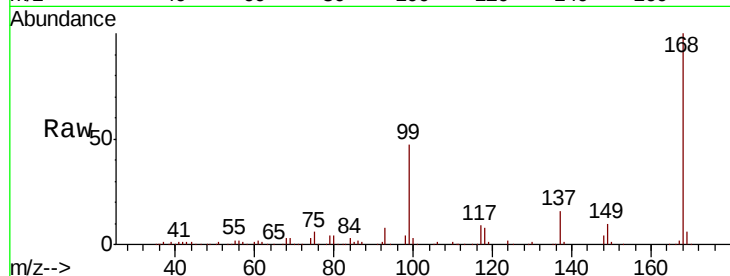




#36
 1,1-Dichloropropene
 Concen: 5.295 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010704.D
 Acq: 08 Jul 2019 18:32

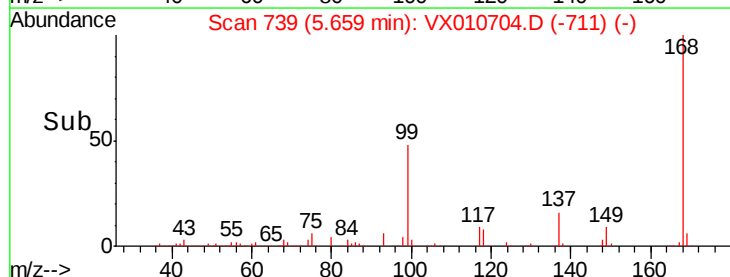
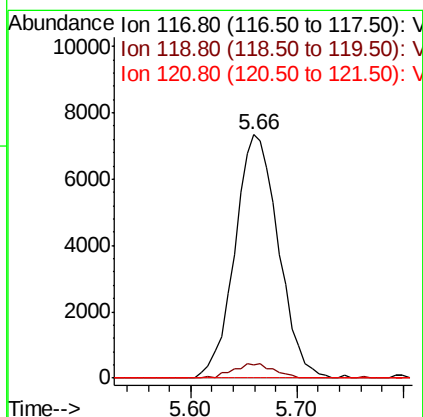
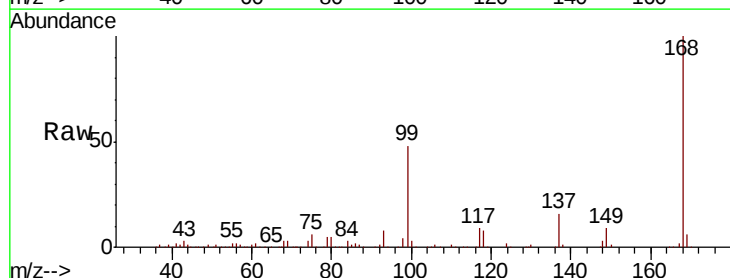
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0588

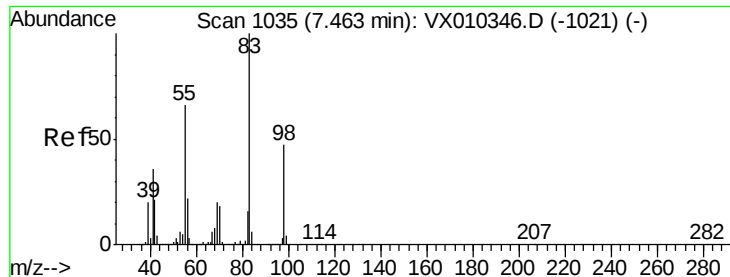
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.734 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010704.D
 Acq: 08 Jul 2019 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.2	117.4#
121	0.0	24.7	37.1#





#39

Methvlcvclohexane

Concen: 108.246 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

FL-0588

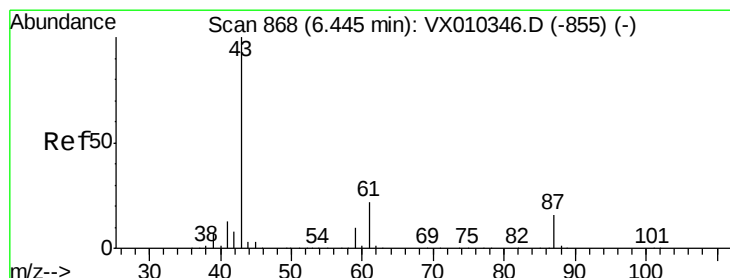
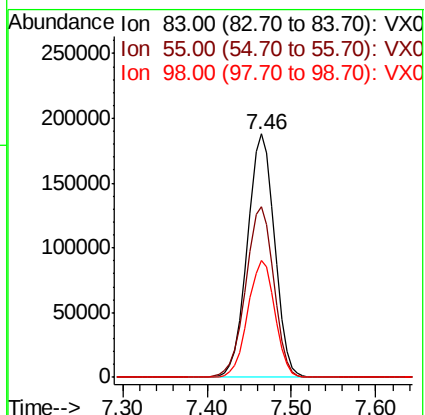
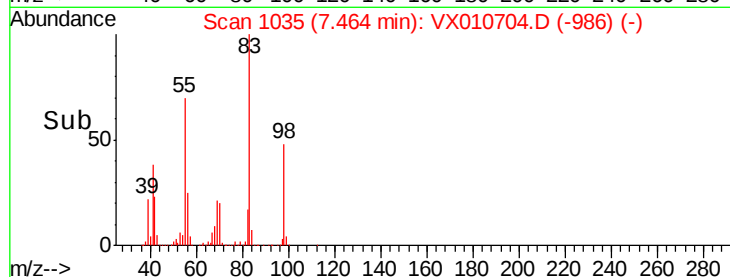
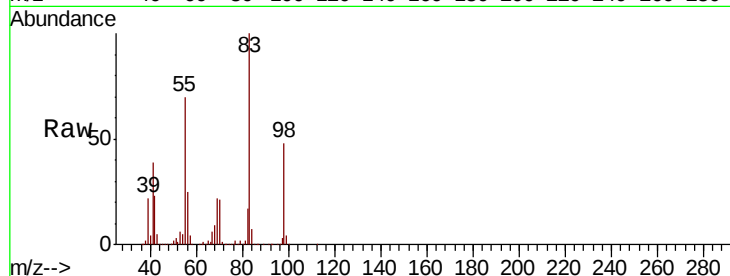
Tot Ion: 83 Resp: 409321

Ion Ratio Lower Upper

83 100

55 70.4 53.0 79.6

98 48.1 37.8 56.8



#43

Isopropyl Acetate

Concen: 1.162 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

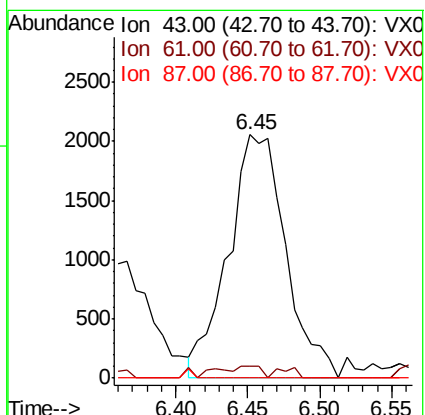
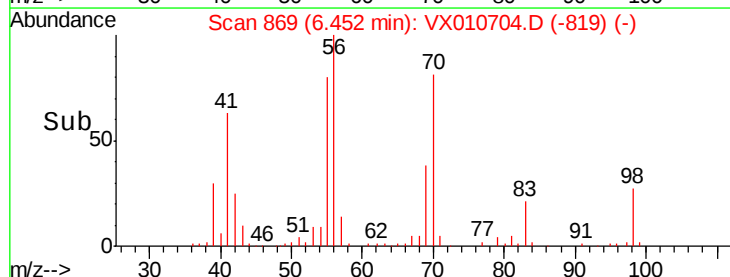
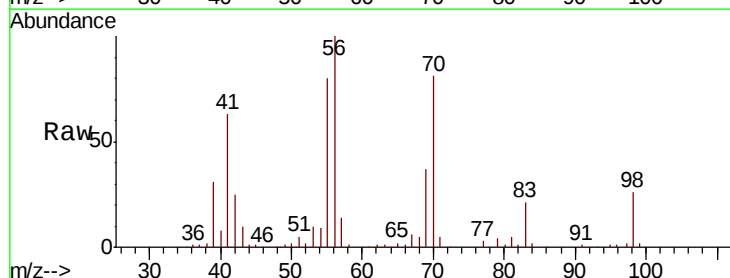
Tgt Ion: 43 Resp: 5689

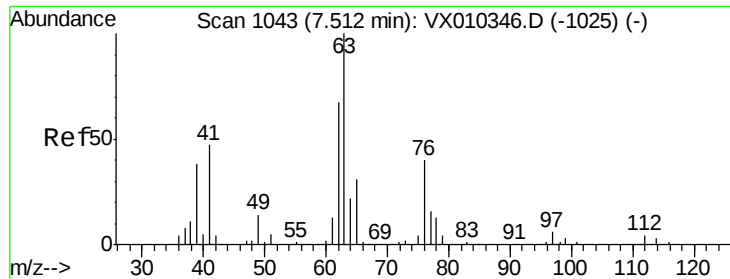
Ion Ratio Lower Upper

43 100

61 1.9 17.8 26.6#

87 0.0 13.0 19.4#





#45

1,2-Dichloropropane

Concen: 1.886 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

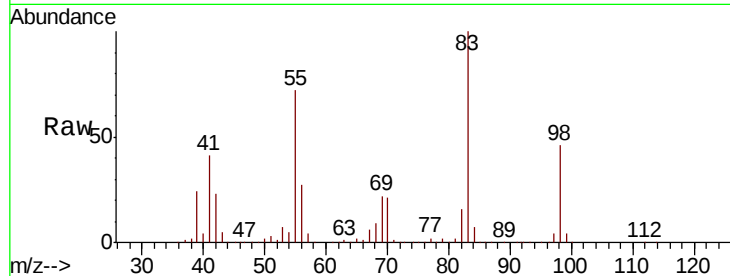
FL-0588

Tot Ion: 63 Resp: 4269

Ion Ratio Lower Upper

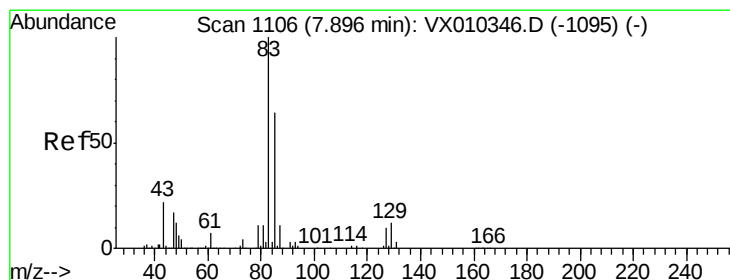
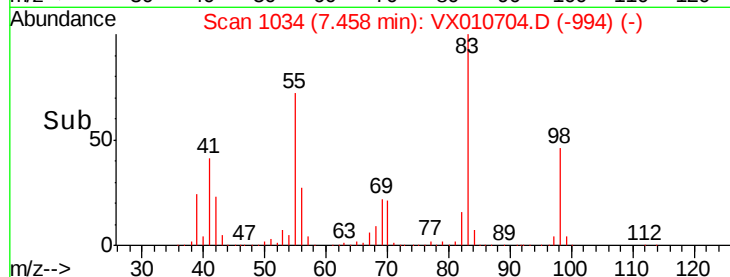
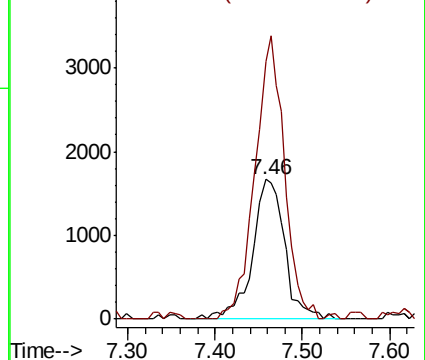
63 100

65 184.9 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: 0.365 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

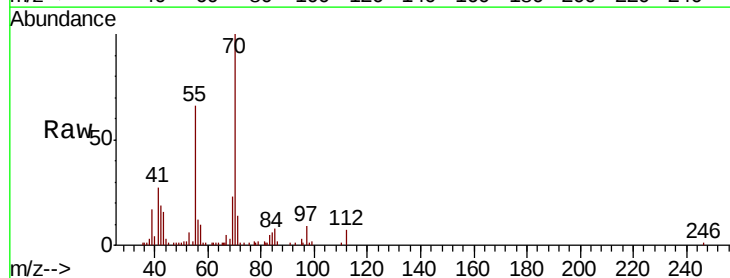
Tgt Ion: 83 Resp: 1087

Ion Ratio Lower Upper

83 100

85 152.5 51.5 77.3#

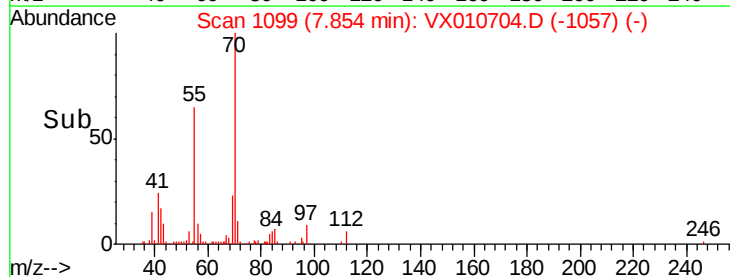
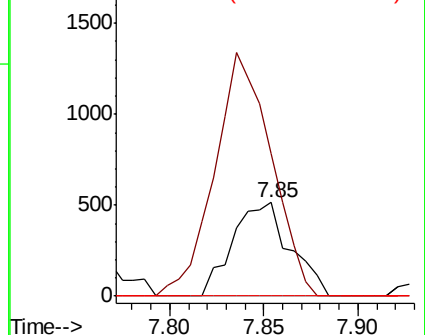
127 0.0 7.8 11.8#

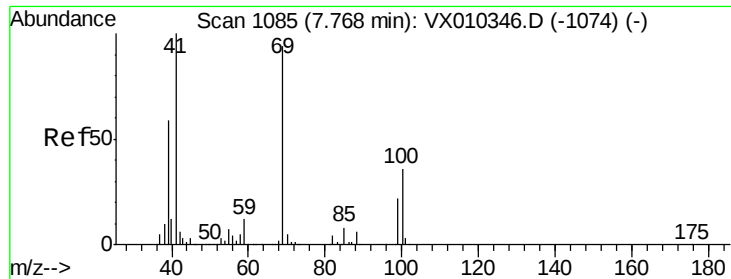


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

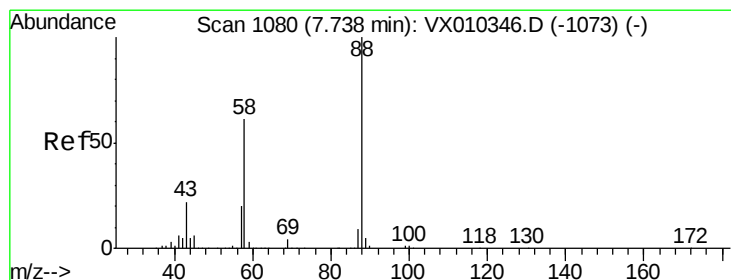
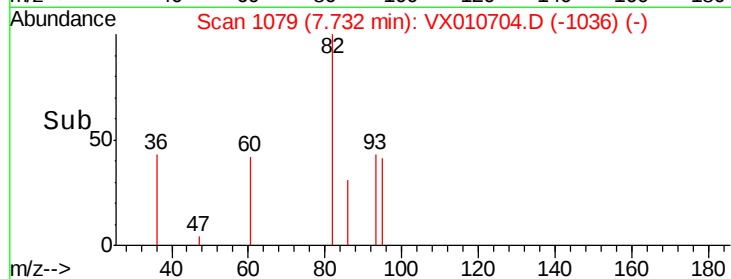
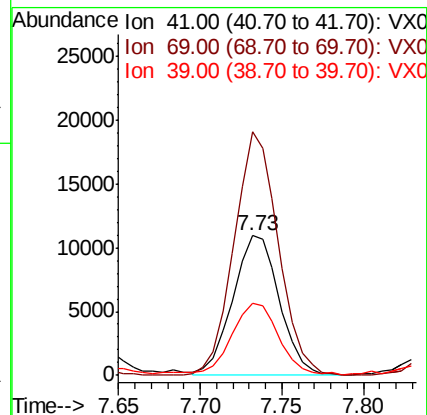
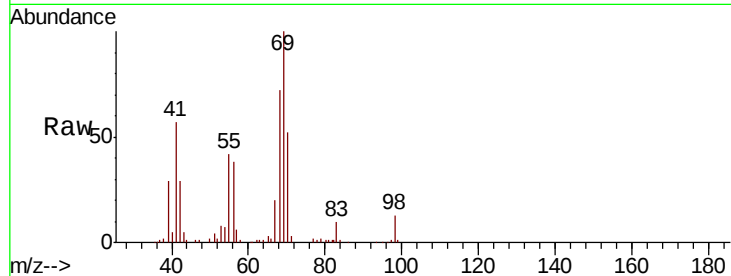




#48
Methvl methacrylate
Concen: 9.432 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

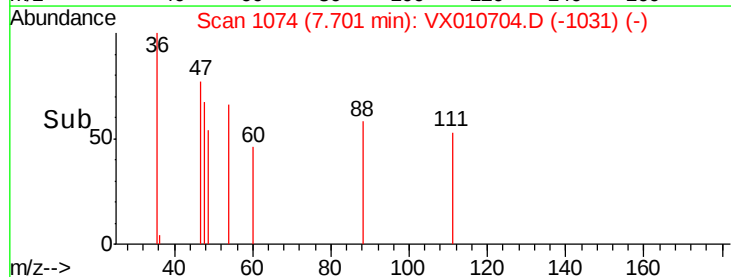
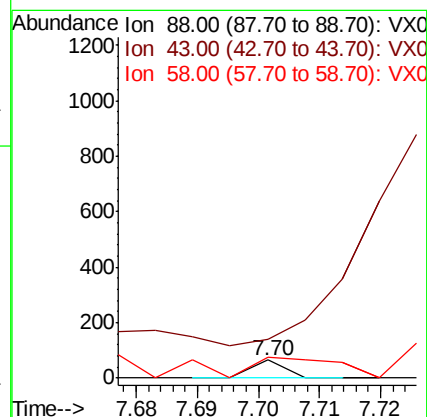
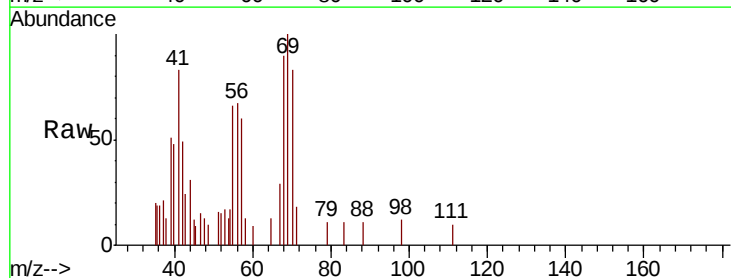
Instrument :
MSVOA_X
ClientSampled :
FL-0588

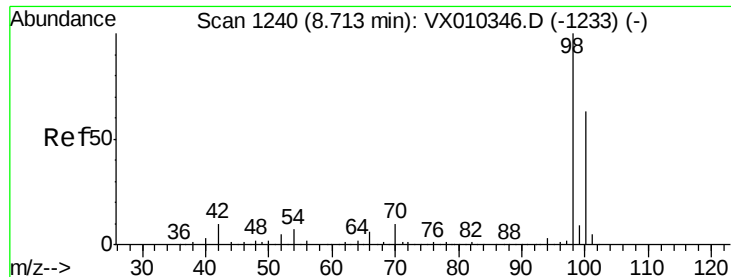
Tot Ion: 41 Resp: 21467
Ion Ratio Lower Upper
41 100
69 167.5 76.1 114.1#
39 51.0 47.6 71.4



#49
1,4-Dioxane
Concen: 0.366 ug/l
RT: 7.70 min Scan# 1074
Delta R.T. -0.04 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 304.2 49.5 74.3#

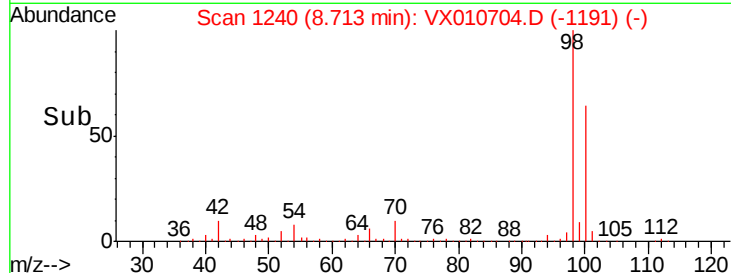
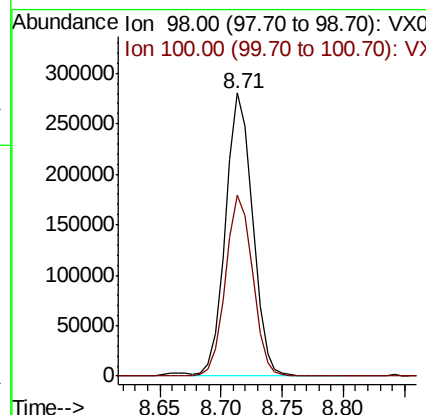
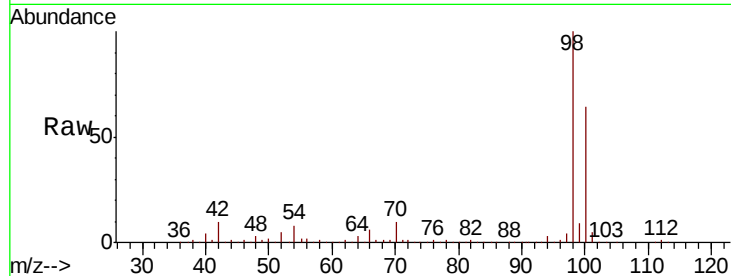




#50
Toluene-d8
Concen: 50.808 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

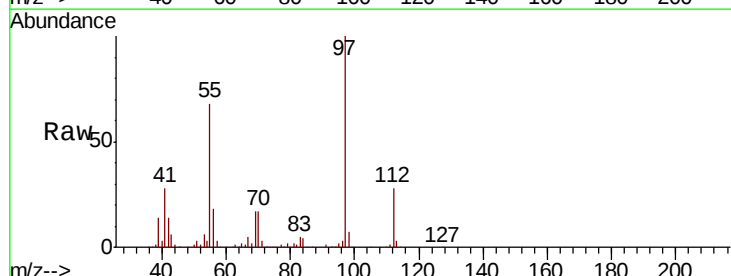
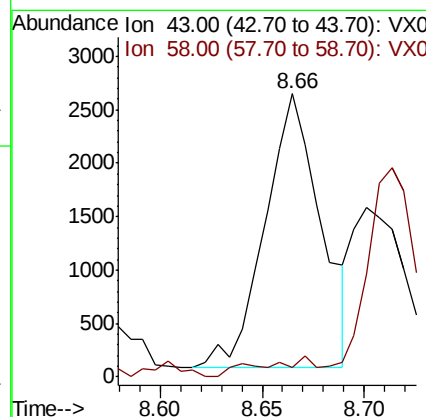
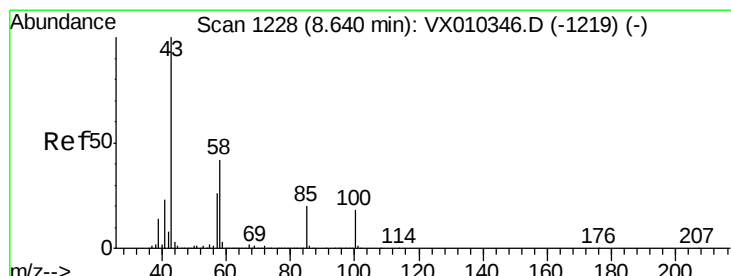
Instrument :
MSVOA_X
ClientSampleId :
FL-0588

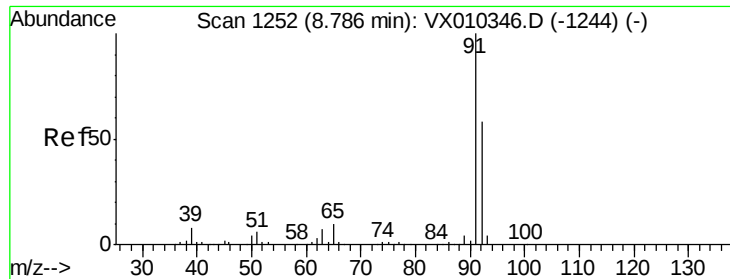
Tot Ion: 98 Resp: 430542
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.549 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 43 Resp: 4851
Ion Ratio Lower Upper
43 100
58 3.9 33.5 50.3#





#52

Toluene

Concen: 1.166 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

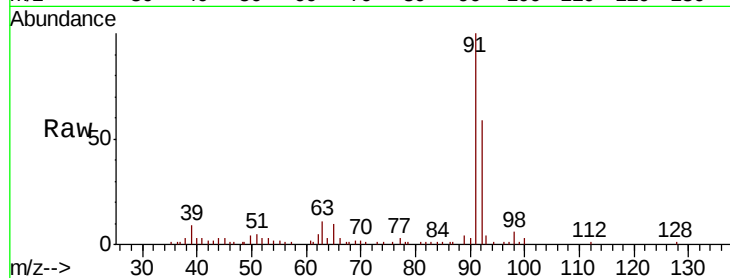
FL-0588

Tot Ion: 92 Resp: 6884

Ion Ratio Lower Upper

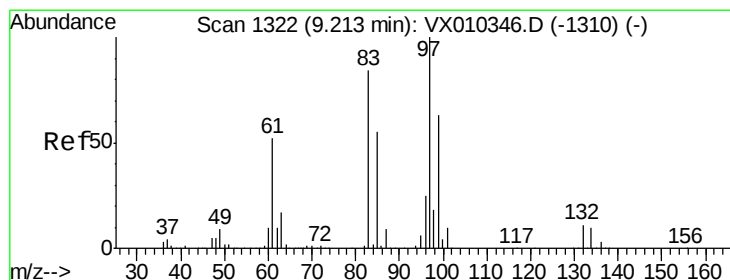
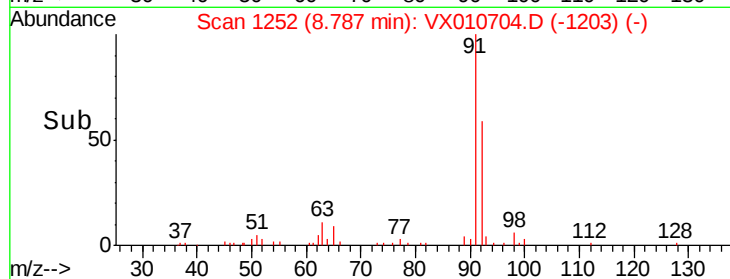
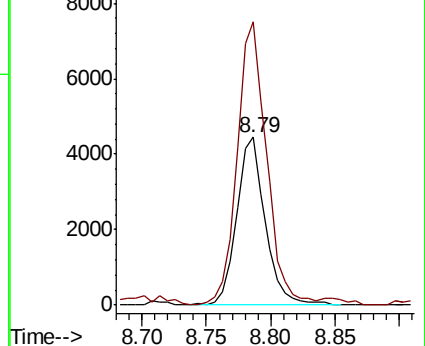
92 100

91 172.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 11.253 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Tgt Ion: 97 Resp: 27391

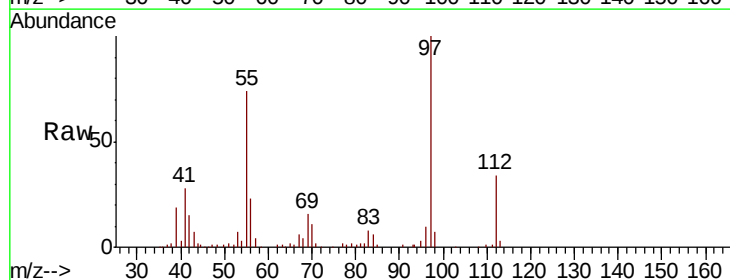
Ion Ratio Lower Upper

97 100

83 7.2 67.4 101.0#

85 0.7 43.8 65.8#

99 0.0 50.3 75.5#

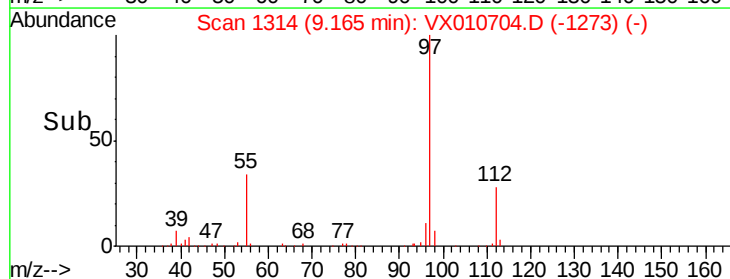
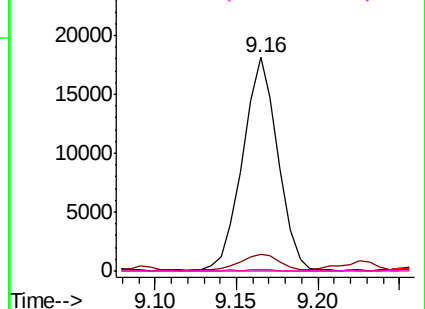


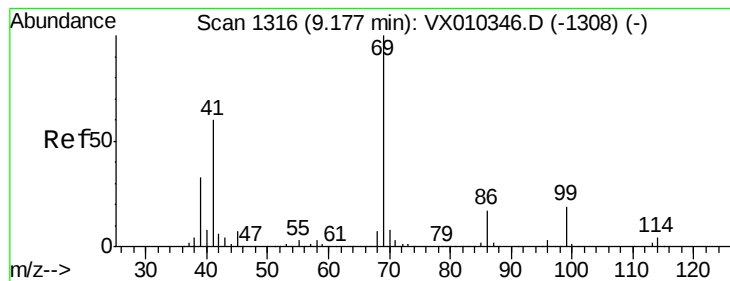
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 1.485 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleID :

FL-0588

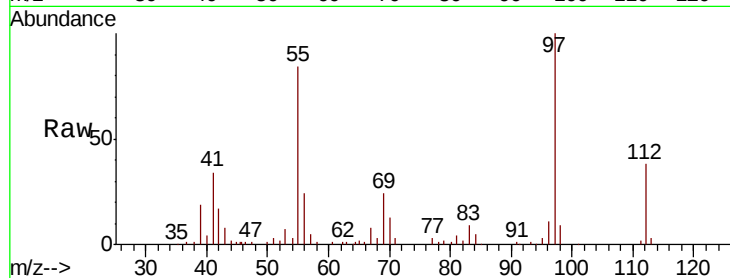
Tot Ion: 69 Resp: 5474

Ion Ratio Lower Upper

69 100

41 147.5 47.1 70.7#

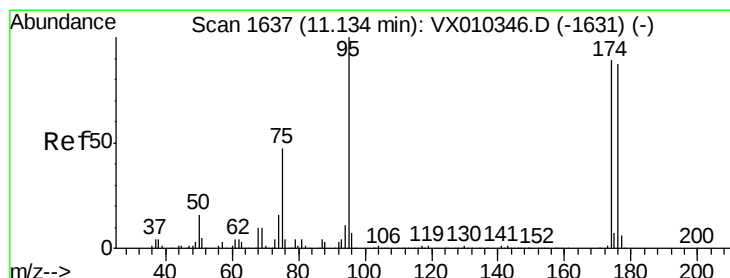
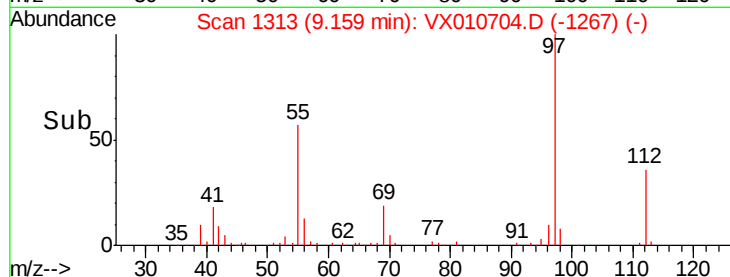
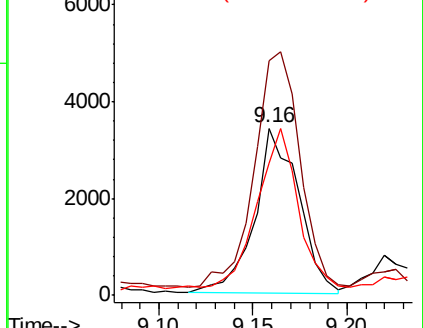
39 89.6 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.056 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

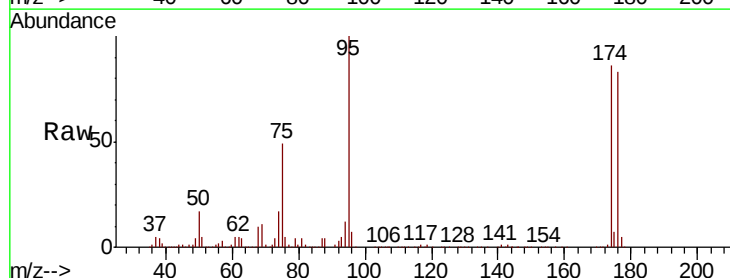
Tgt Ion: 95 Resp: 153136

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.6

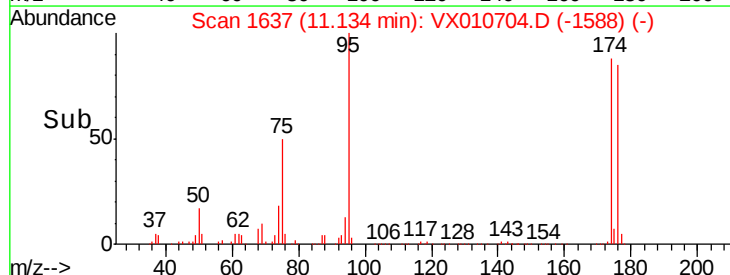
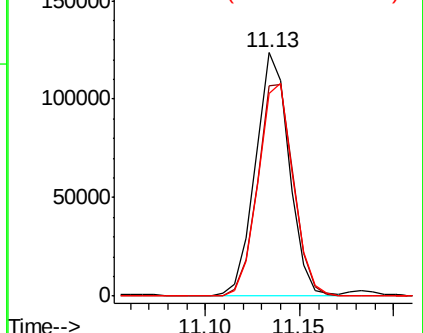
176 91.4 0.0 184.0

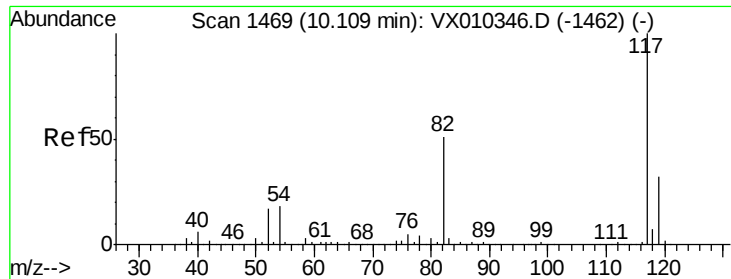


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

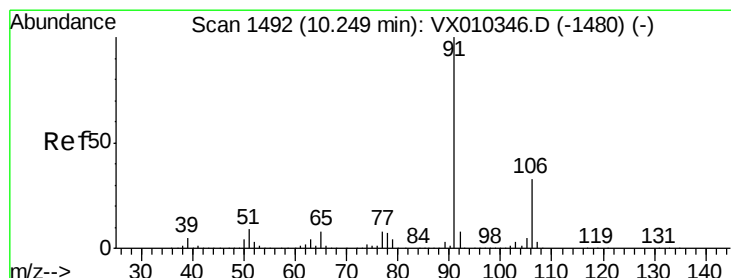
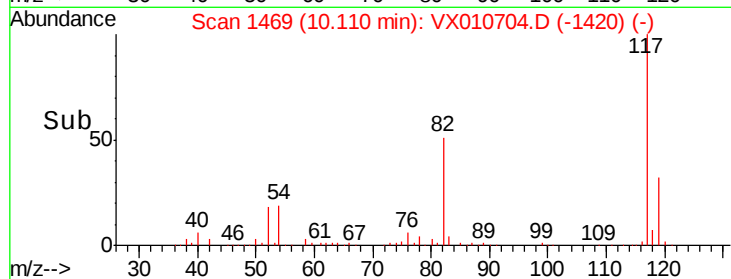
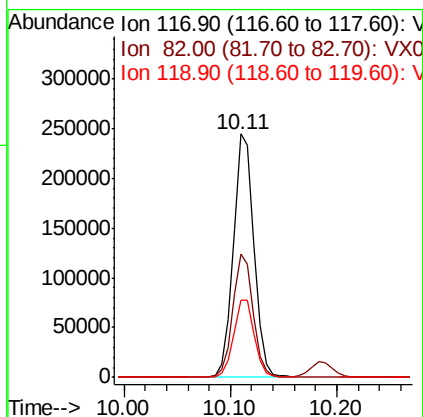
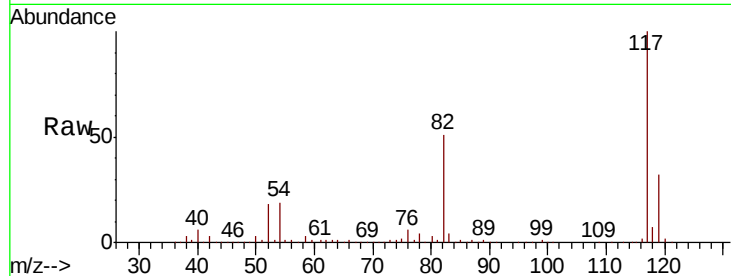




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

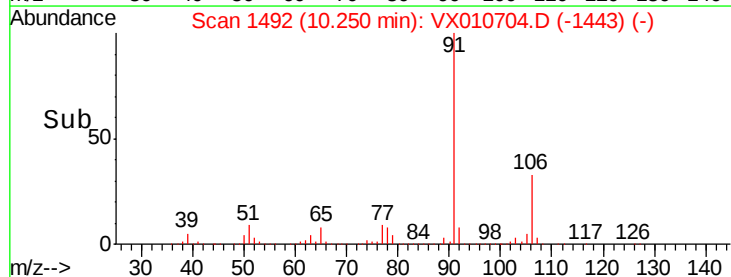
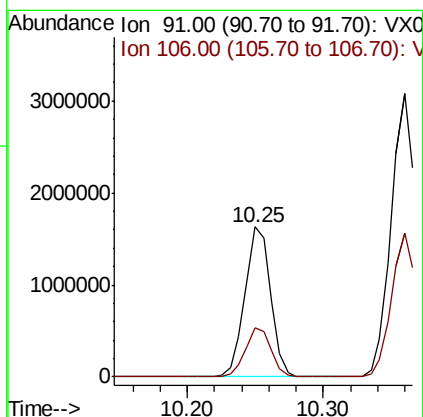
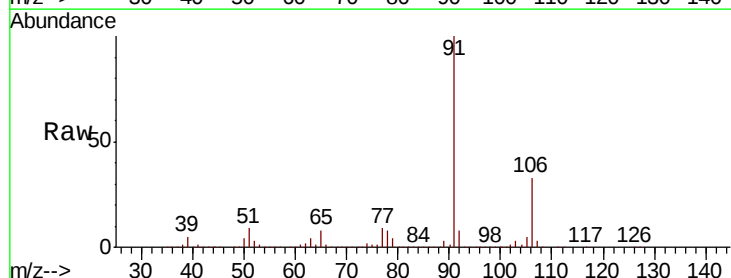
Instrument :
MSVOA_X
ClientSampled :
FL-0588

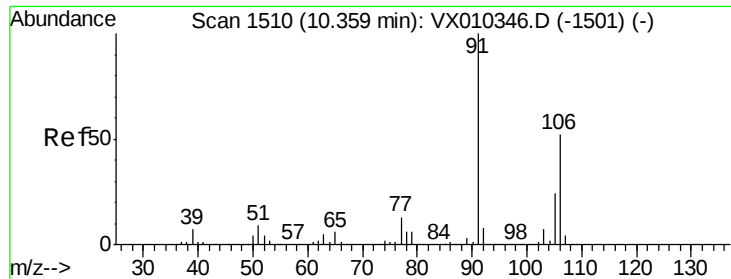
Tot Ion:117 Resp: 332371
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 189.683 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 91 Resp: 2160818
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2

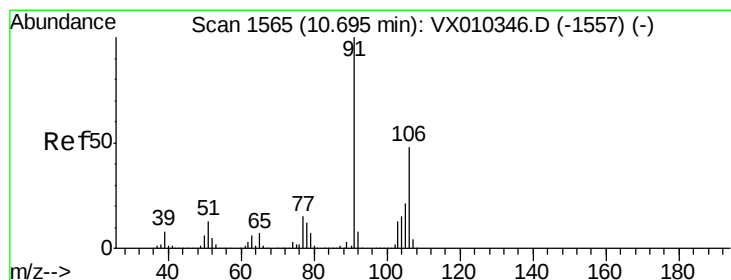
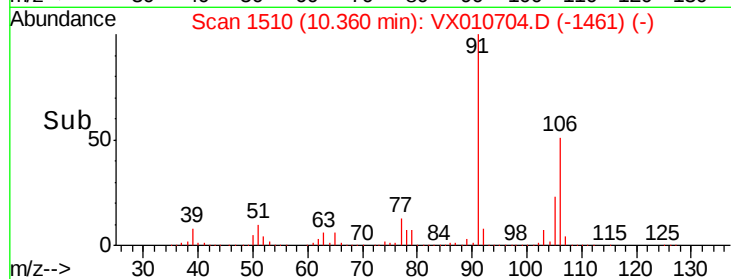
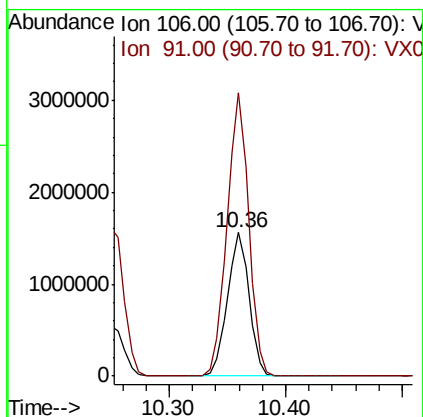
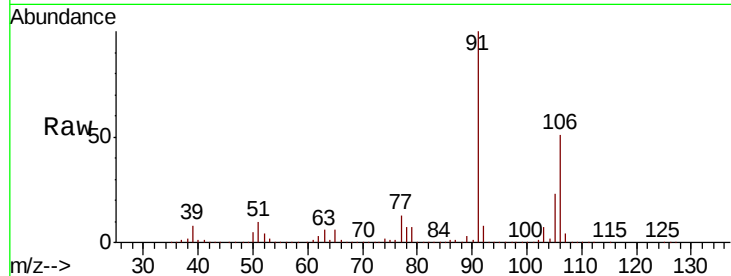




#68
m/p-Xvlenes
Concen: 455.879 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

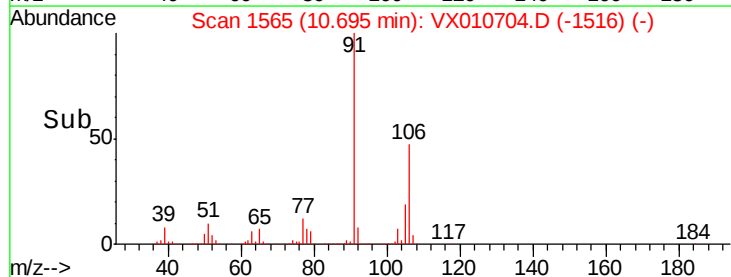
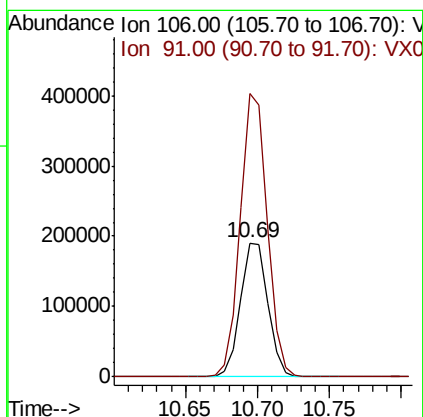
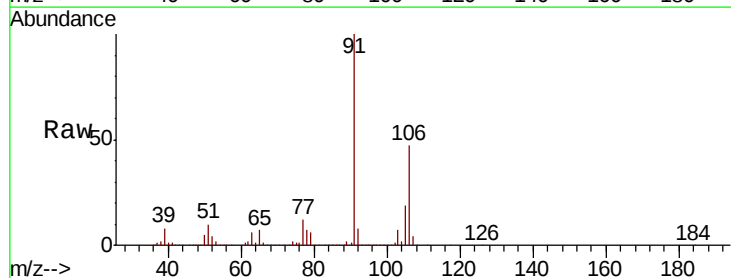
Instrument :
MSVOA_X
ClientSampled :
FL-0588

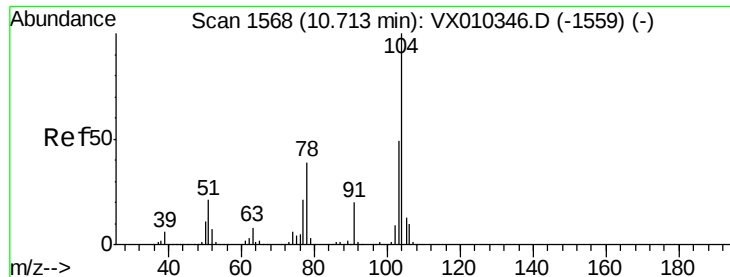
Tot Ion:106 Resp: 2012250
Ion Ratio Lower Upper
106 100
91 197.6 155.3 232.9



#69
o-Xylene
Concen: 58.088 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion:106 Resp: 252148
Ion Ratio Lower Upper
106 100
91 207.7 102.7 308.1

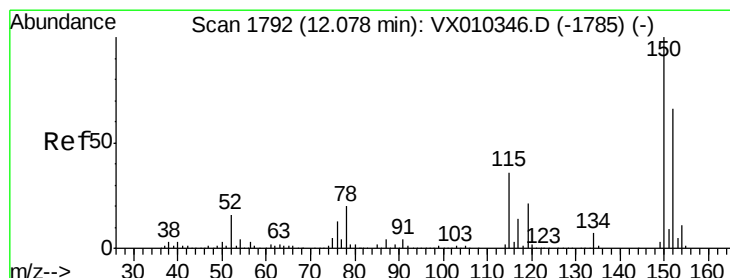
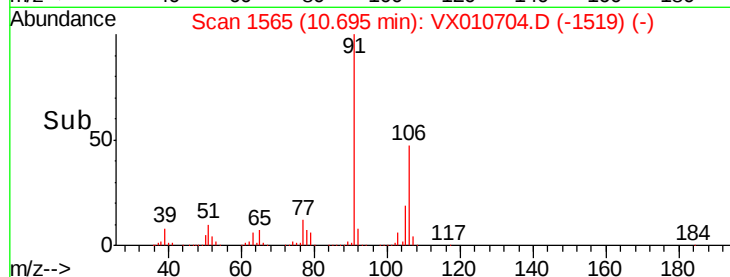
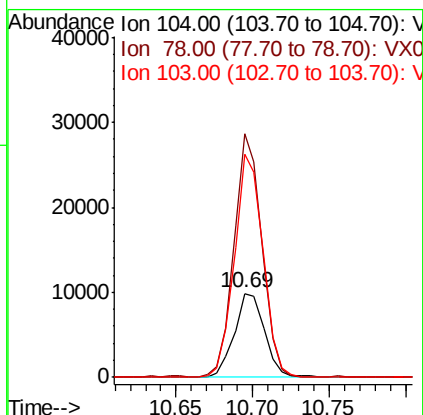
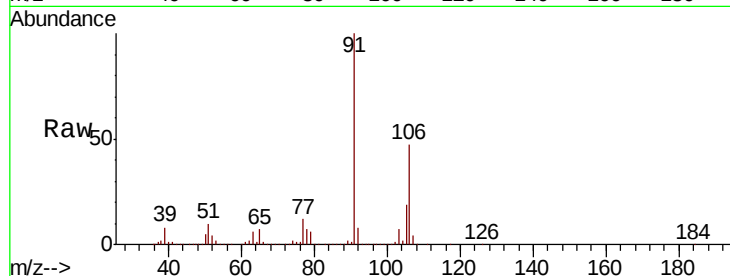




#70
Stvrene
Concen: 1.851 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

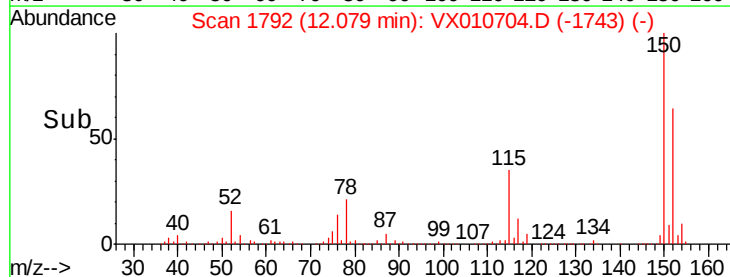
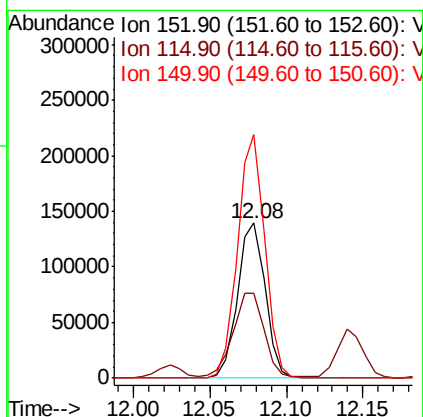
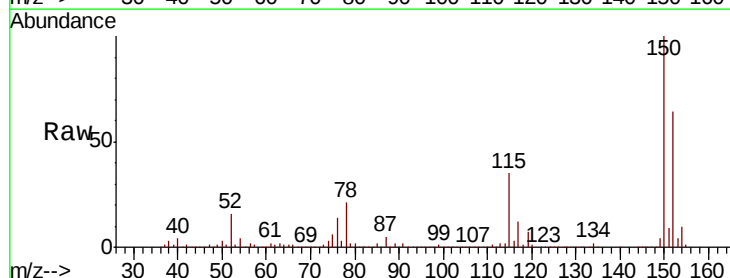
Instrument :
MSVOA_X
ClientSampleId :
FL-0588

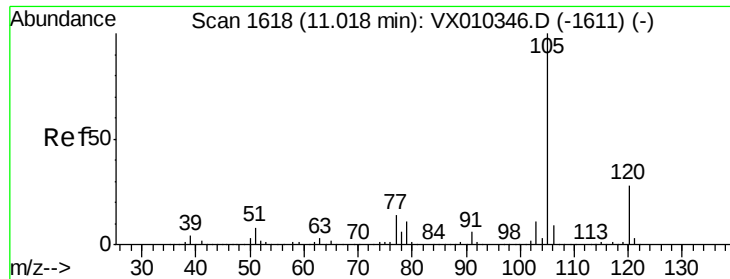
Tot Ion:104 Resp: 13471
Ion Ratio Lower Upper
104 100
78 265.5 36.2 54.2#
103 253.5 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion:152 Resp: 174007
Ion Ratio Lower Upper
152 100
115 62.0 38.6 115.7
150 154.6 0.0 347.4





#73

Isopropylbenzene

Concen: 23.209 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

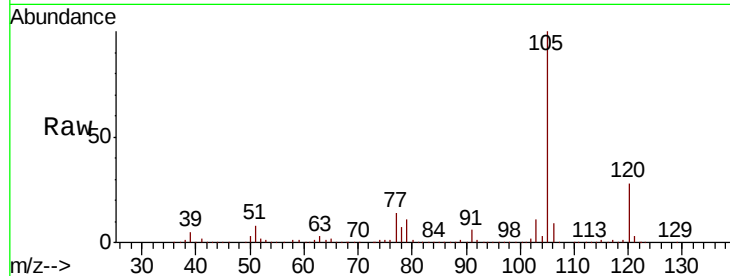
FL-0588

Tot Ion:105 Resp: 273765

Ion Ratio Lower Upper

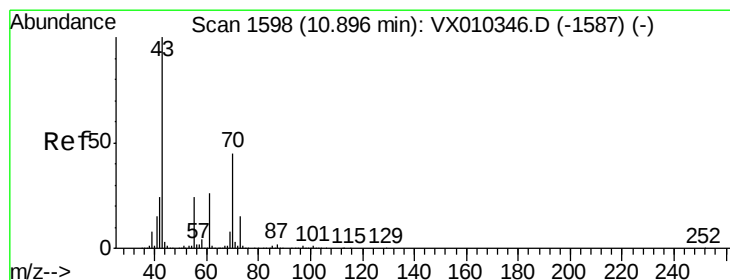
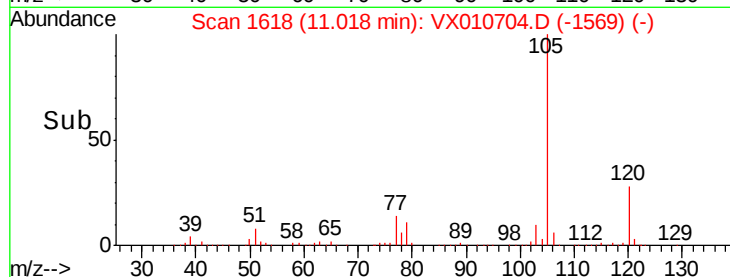
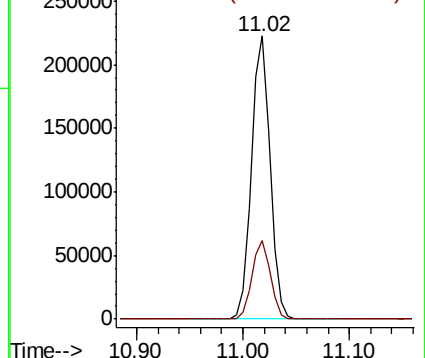
105 100

120 27.5 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: 0.264 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Tgt Ion: 43 Resp: 1179

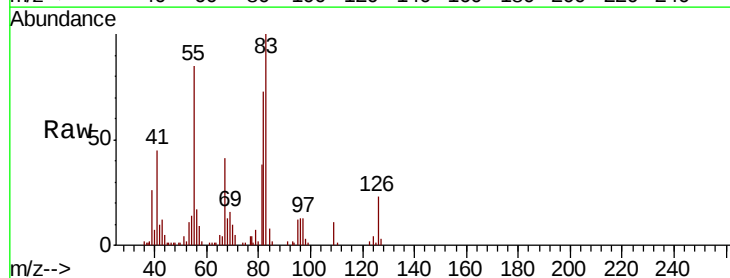
Ion Ratio Lower Upper

43 100

70 154.2 36.6 54.8#

55 872.5 18.7 28.1#

61 0.0 20.6 31.0#

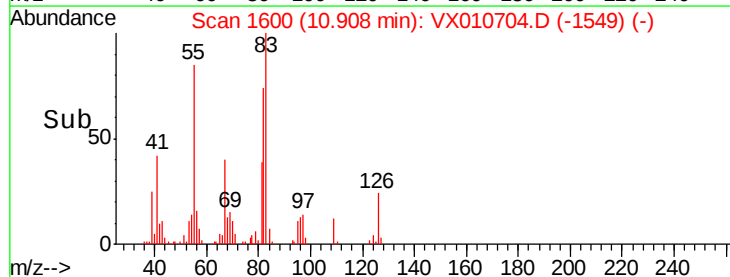
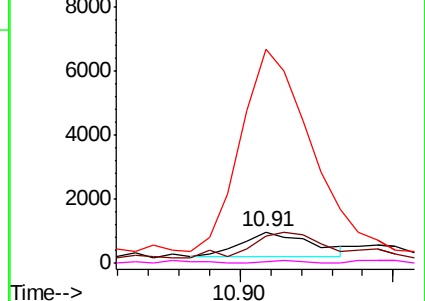


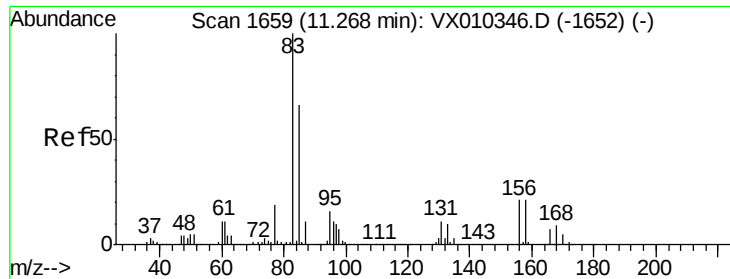
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.581 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0588

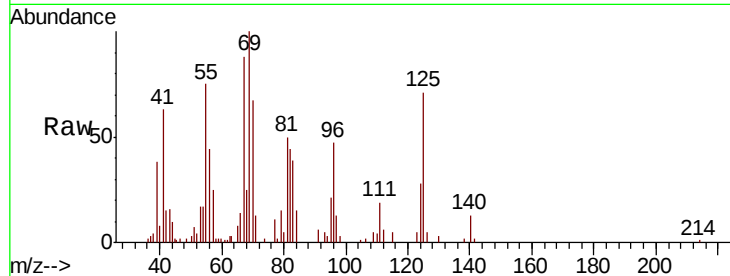
Tot Ion: 83 Resp: 2268

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

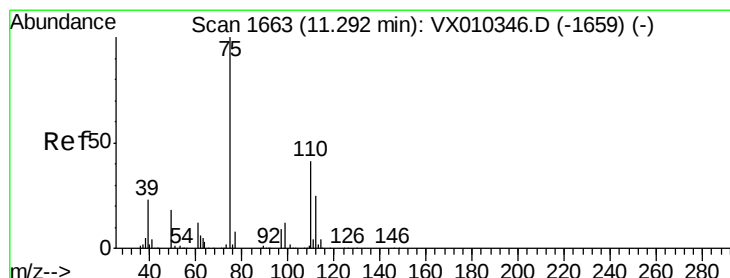
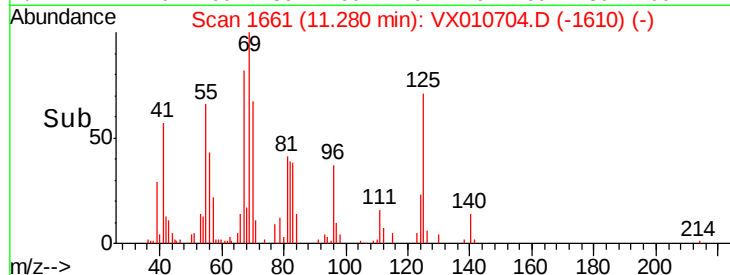
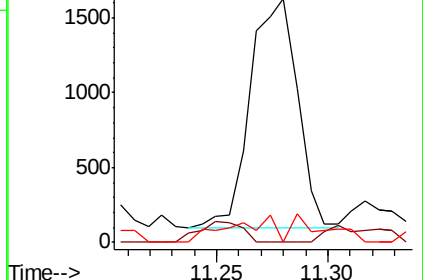
85 8.4 32.3 96.8#



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: 1.095 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010704.D

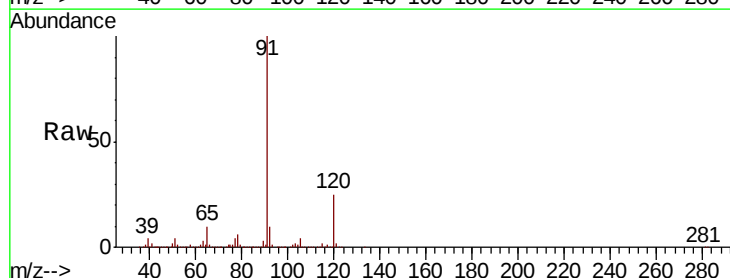
Acq: 08 Jul 2019 18:32

Tgt Ion: 75 Resp: 3472

Ion Ratio Lower Upper

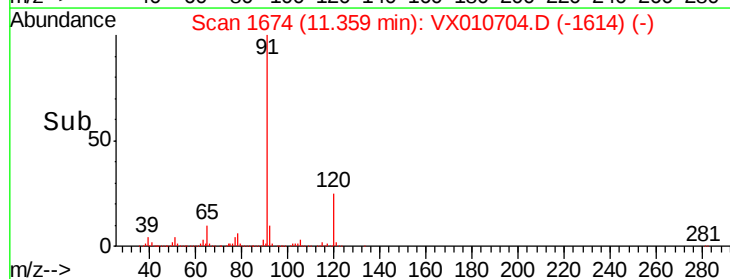
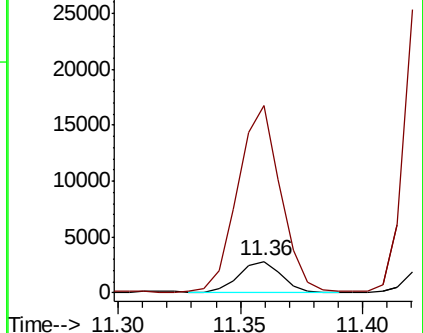
75 100

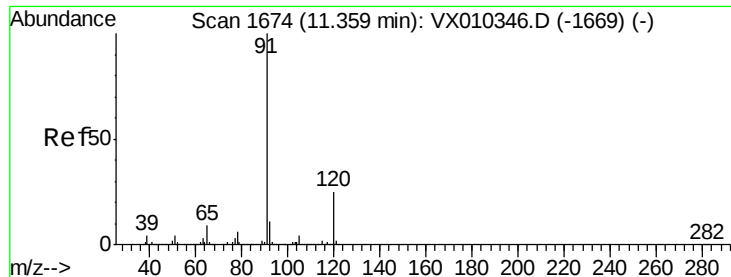
77 586.7 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 41.328 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

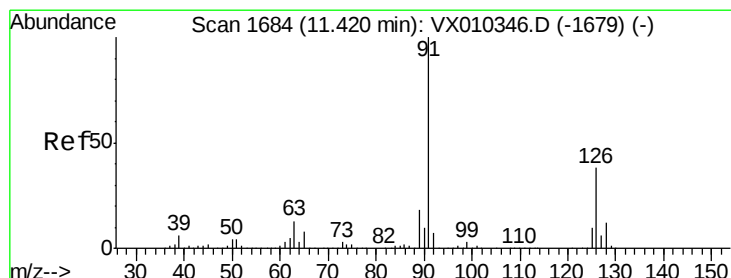
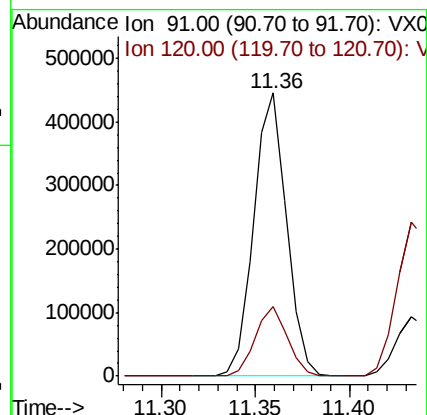
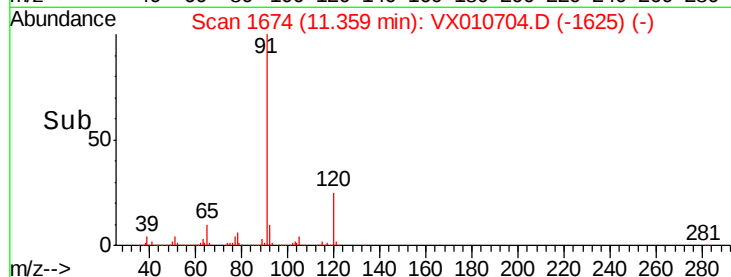
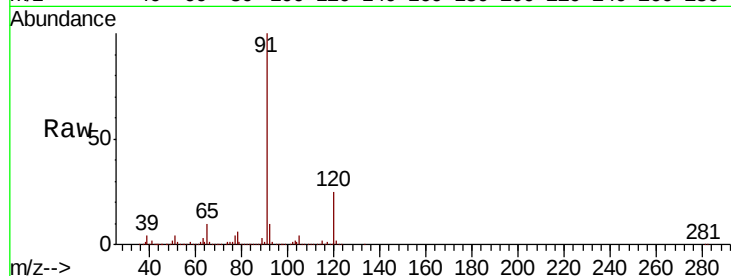
FL-0588

Tot Ion: 91 Resp: 535769

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 24.616 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010704.D

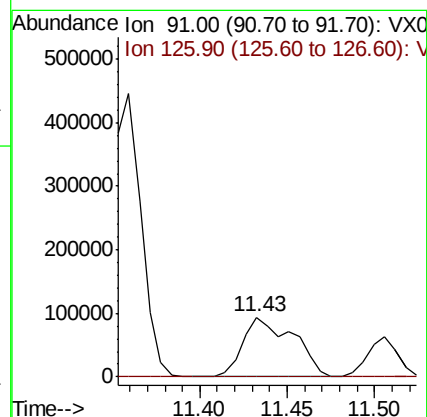
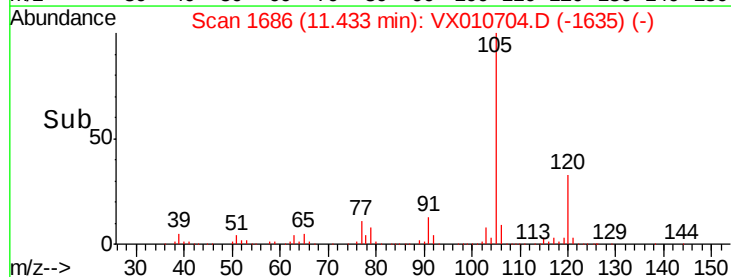
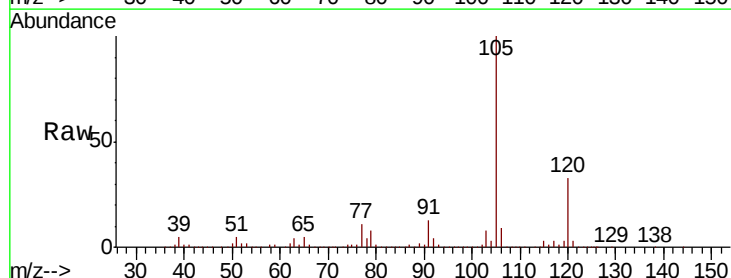
Acq: 08 Jul 2019 18:32

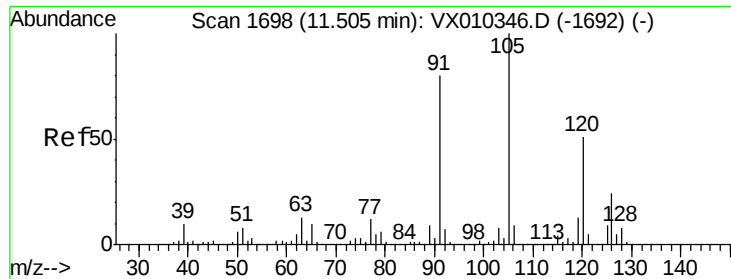
Tgt Ion: 91 Resp: 190029

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 73.649 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

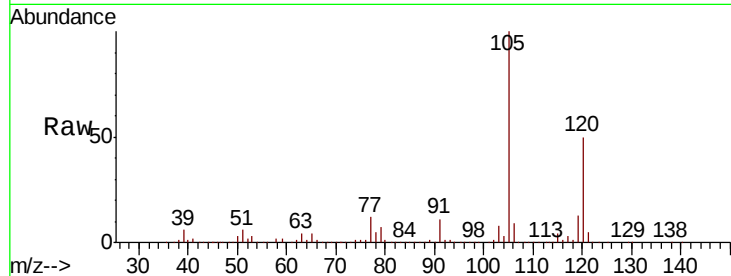
FL-0588

Tot Ion:105 Resp: 716167

Ion Ratio Lower Upper

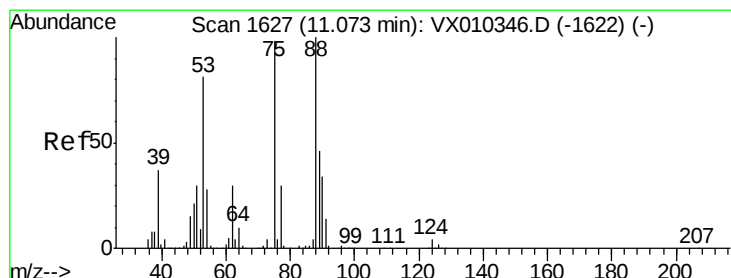
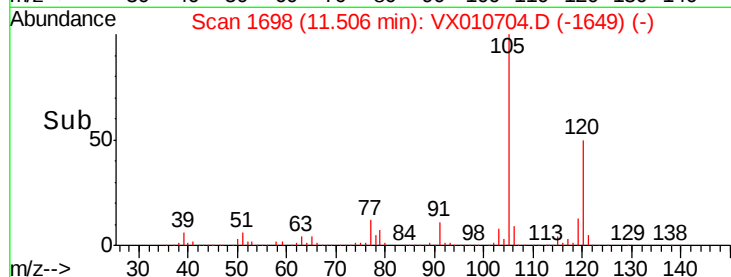
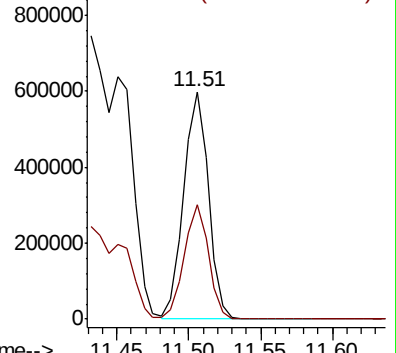
105 100

120 49.6 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: 2.389 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

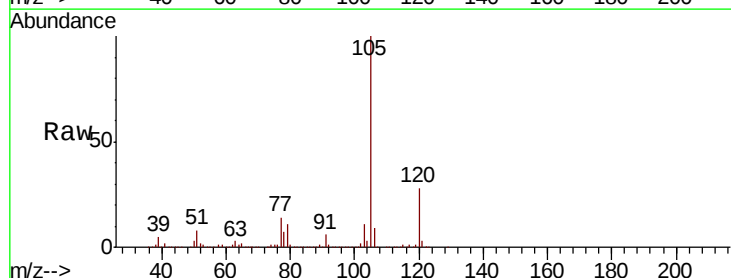
Tgt Ion: 75 Resp: 3247

Ion Ratio Lower Upper

75 100

53 84.9 66.1 99.1

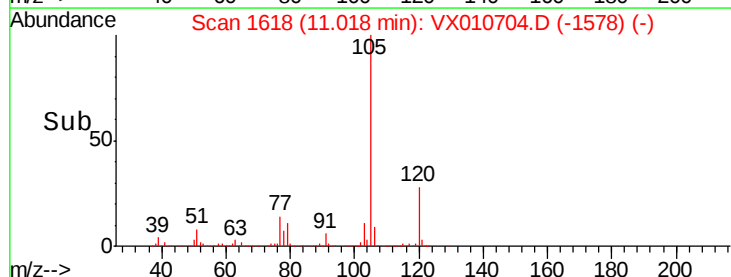
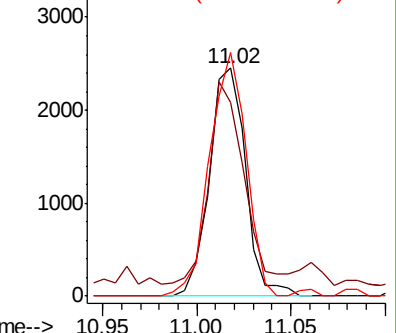
89 108.5 37.8 56.6#

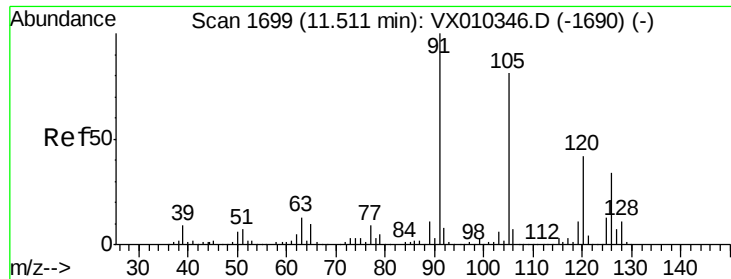


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

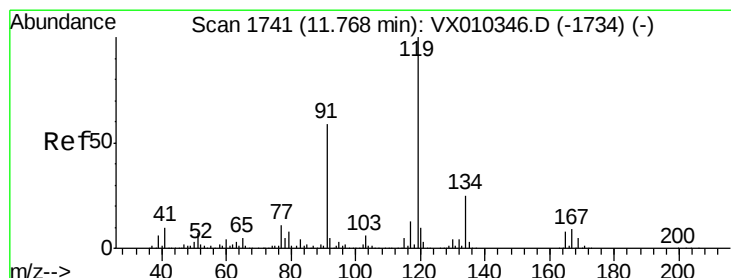
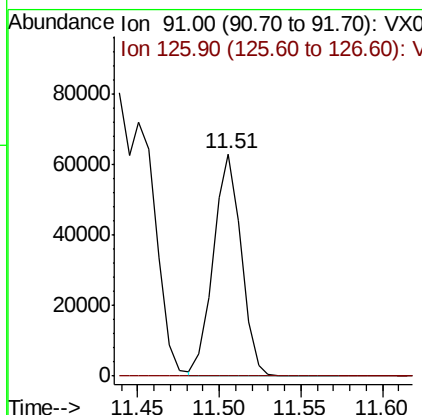
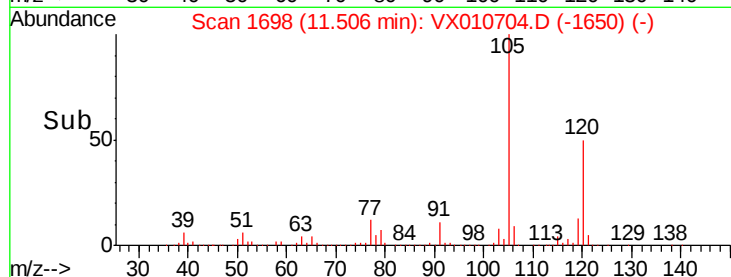
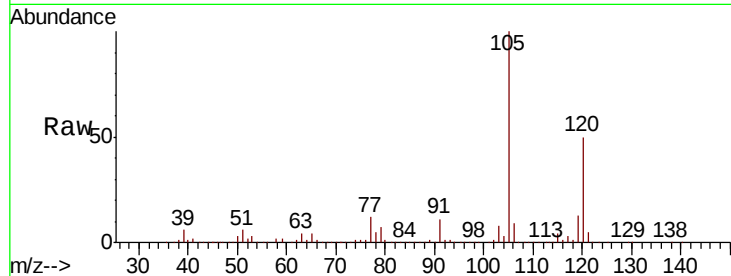




#82
4-Chlorotoluene
Concen: 8.517 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

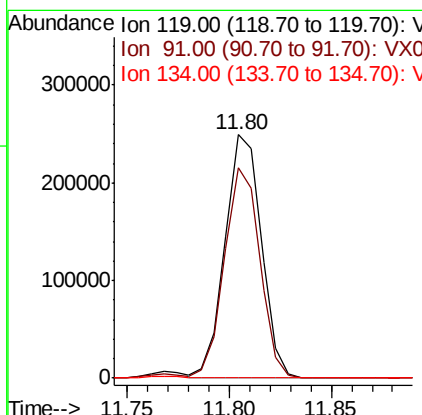
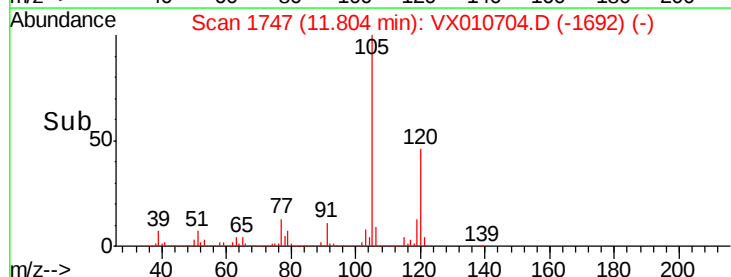
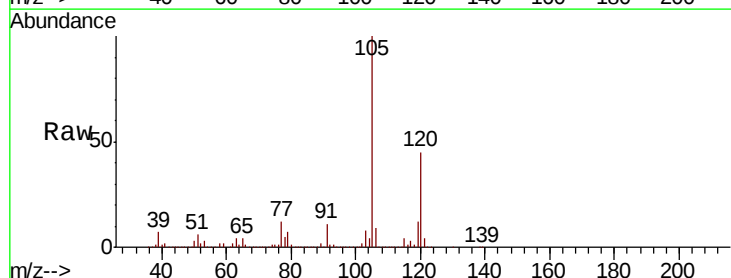
Instrument :
MSVOA_X
ClientSampled :
FL-0588

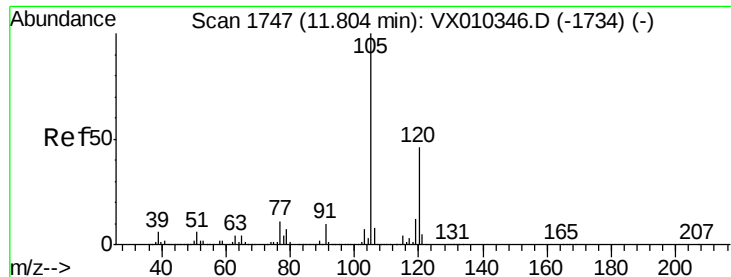
Tot Ion: 91 Resp: 74816
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 31.419 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 119 Resp: 306647
Ion Ratio Lower Upper
119 100
91 86.1 27.6 82.7#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 252.374 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

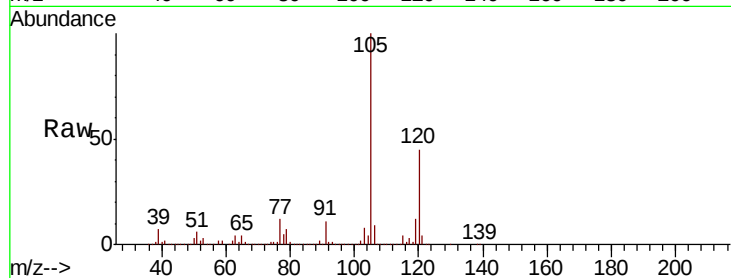
FL-0588

Tot Ion:105 Resp: 2465589

Ion Ratio Lower Upper

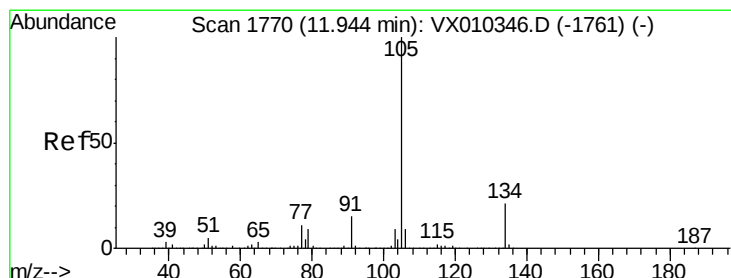
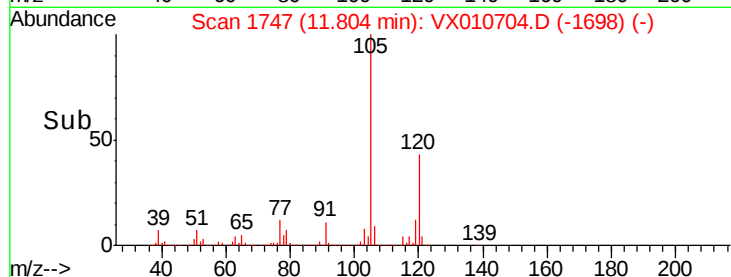
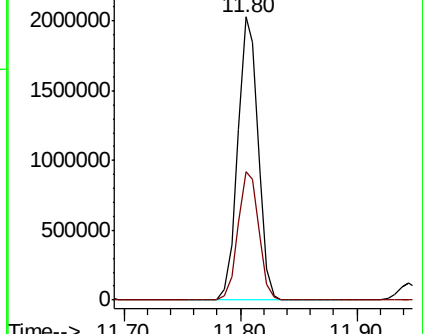
105 100

120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 12.488 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010704.D

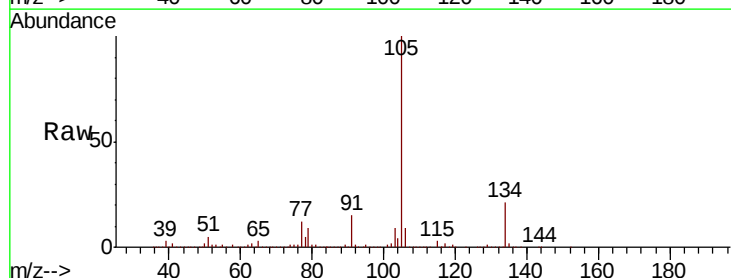
Acq: 08 Jul 2019 18:32

Tgt Ion:105 Resp: 143099

Ion Ratio Lower Upper

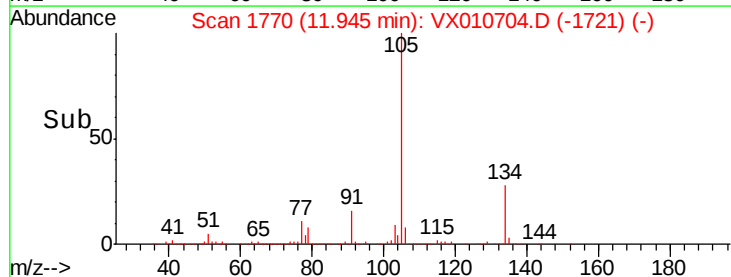
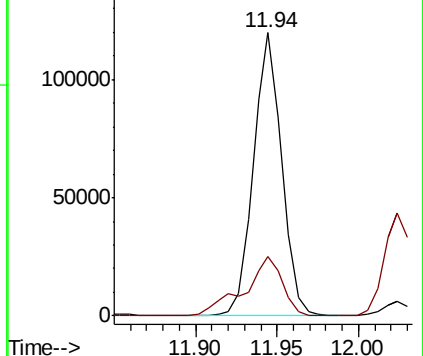
105 100

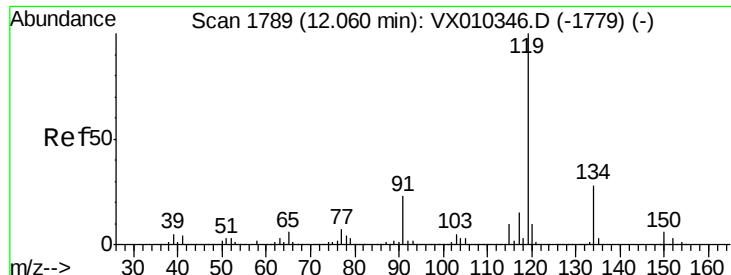
134 28.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

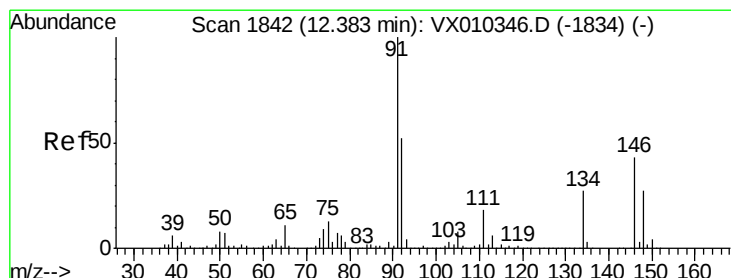
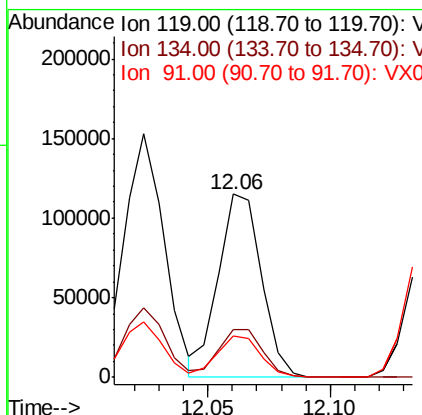
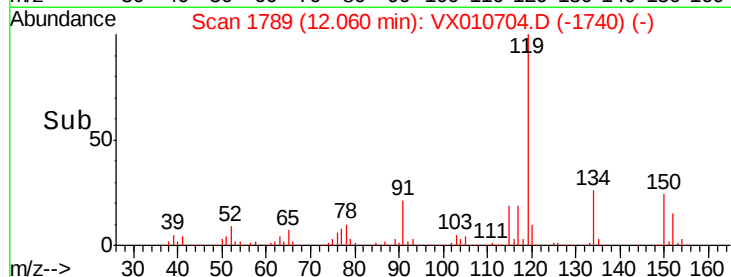
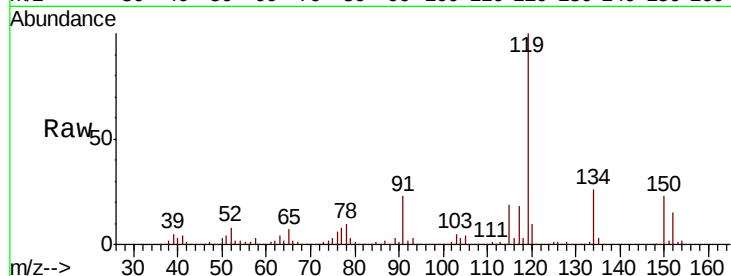




#86
p-Isopropyltoluene
Concen: 13.281 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

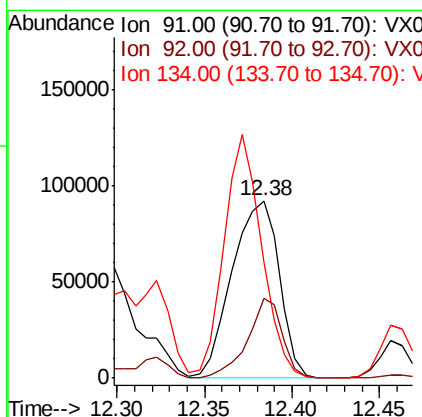
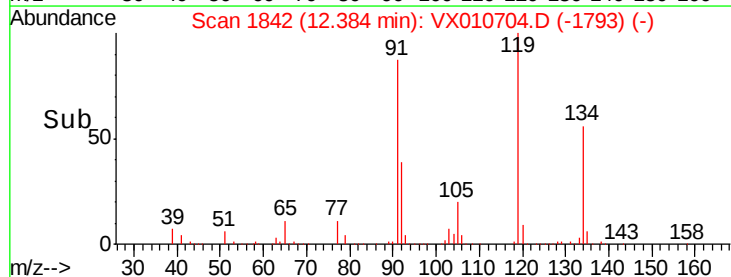
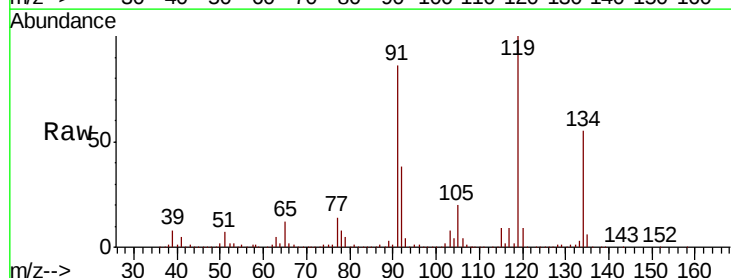
Instrument :
MSVOA_X
ClientSampled :
FL-0588

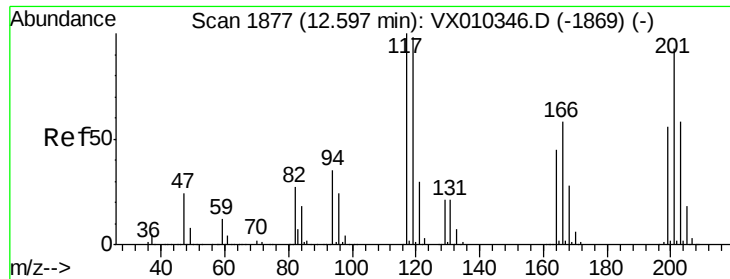
Tot Ion: 119 Resp: 140778
Ion Ratio Lower Upper
119 100
134 27.0 13.7 41.1
91 23.0 11.3 33.8



#89
n-Butylbenzene
Concen: 19.233 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Tgt Ion: 91 Resp: 173231
Ion Ratio Lower Upper
91 100
92 33.3 26.2 78.5
134 109.2 14.1 42.4#





#90

Hexachloroethane

Concen: 18.663 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

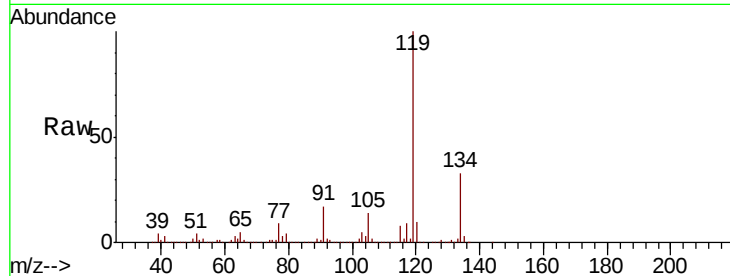
FL-0588

Tot Ion:117 Resp: 34206

Ion Ratio Lower Upper

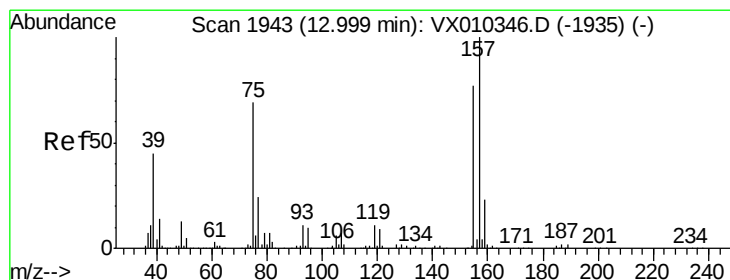
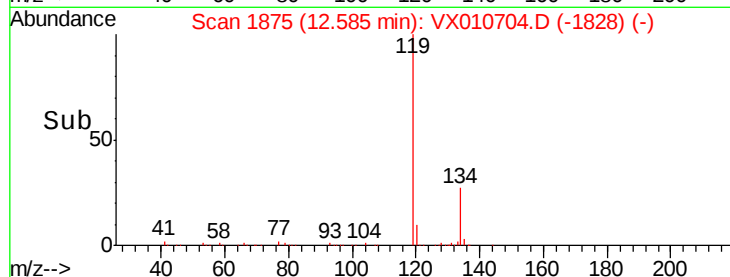
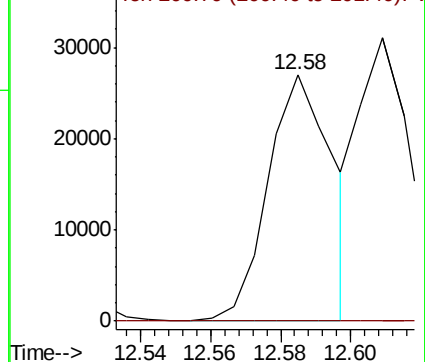
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.371 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010704.D

Acq: 08 Jul 2019 18:32

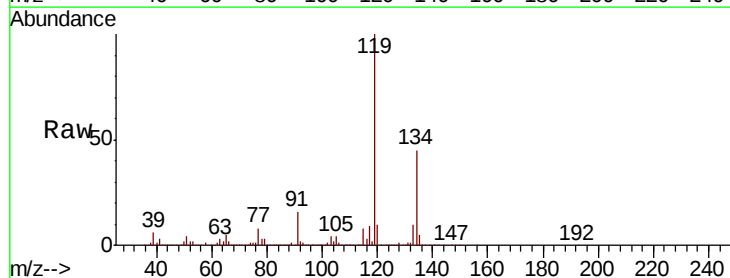
Tgt Ion: 75 Resp: 2839

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

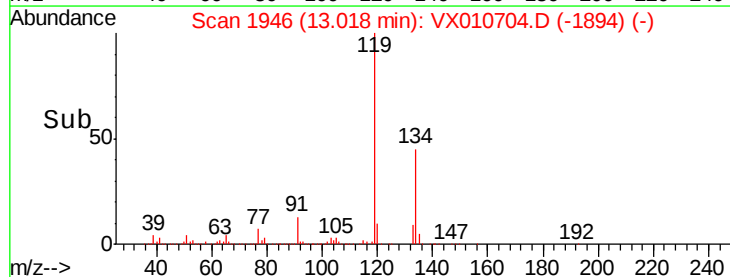
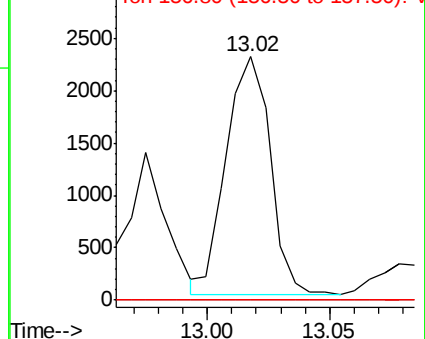
157 0.0 69.5 208.3#

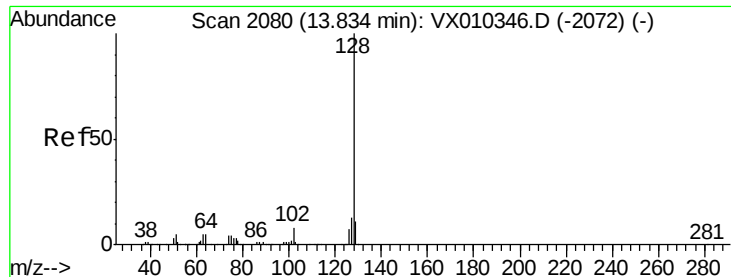


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 49.218 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010704.D
Acq: 08 Jul 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0588

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.6	8.9	13.3

