

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010687.D
 Acq On : 08 Jul 2019 11:55
 Operator : JC/SP
 Sample : K3664-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-2

Quant Time: Jul 09 01:06:10 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	5.65	168	247136	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	382309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159789	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	124220	53.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.22%	
35) Dibromofluoromethane	5.49	113	120063	51.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.66%	
50) Toluene-d8	8.71	98	455479	50.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	153826	47.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.22%	

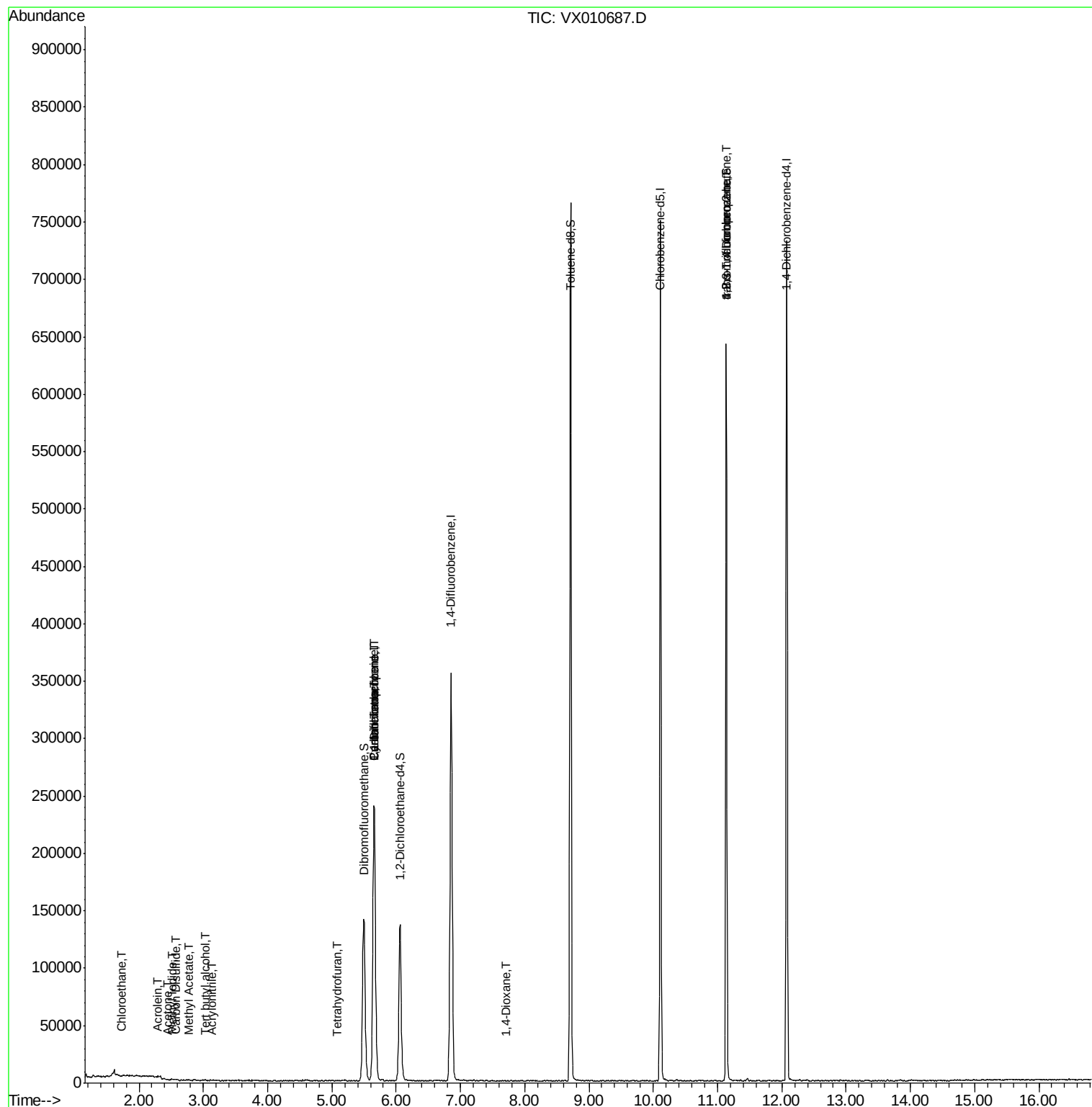
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	380	0.294	ug/l #	67
10) Methyl Iodide	2.52	142	626	0.208	ug/l #	76
11) Tert butyl alcohol	3.03	59	376	0.620	ug/l #	93
13) Acrolein	2.29	56	339	0.843	ug/l #	83
15) Acrylonitrile	3.13	53	294	0.245	ug/l #	82
16) Acetone	2.44	43	350	0.301	ug/l #	39
17) Carbon Disulfide	2.57	76	1226	0.213	ug/l	95
18) Methyl Acetate	2.78	43	470	0.203	ug/l	93
29) Tetrahydrofuran	5.09	42	434	0.411	ug/l #	41
31) Cyclohexane	5.65	56	4483	1.339	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15772	5.192	ug/l #	49
38) Carbon Tetrachloride	5.65	117	22384	6.804	ug/l #	14
49) 1,4-Dioxane	7.71	88	21	0.303	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	74554	25.604	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	74554	59.732	ug/l #	16

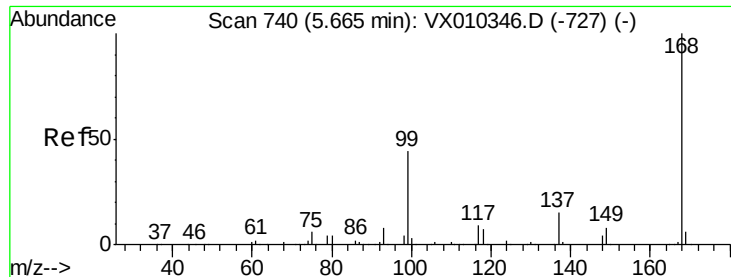
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010687.D

Acq: 08 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

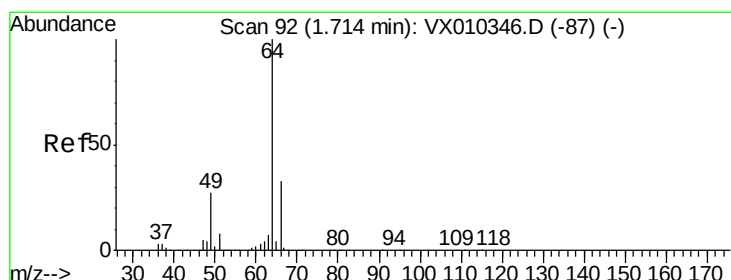
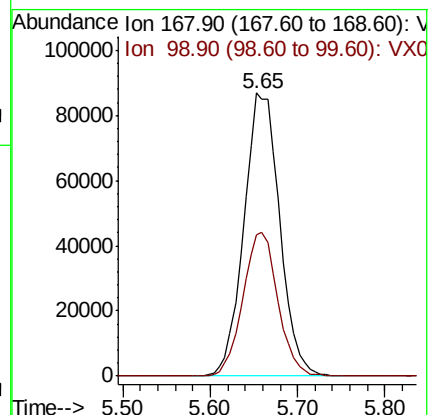
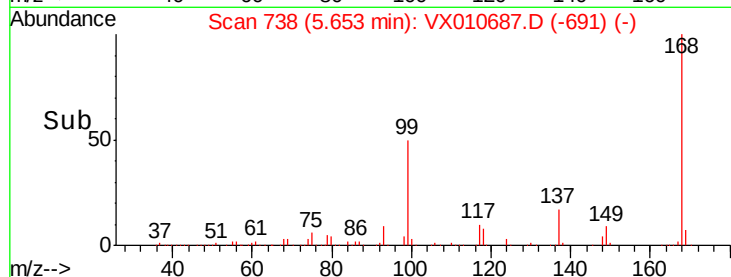
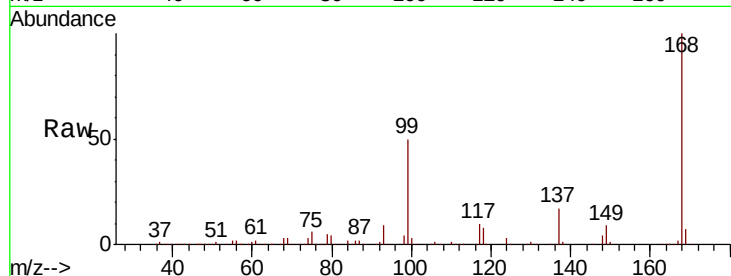
FL-TB-2019-2

Tot Ion:168 Resp: 247136

Ion Ratio Lower Upper

168 100

99 49.9 35.5 53.3



#6

Chloroethane

Concen: 0.294 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010687.D

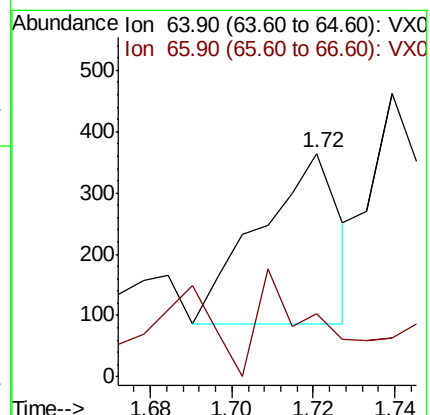
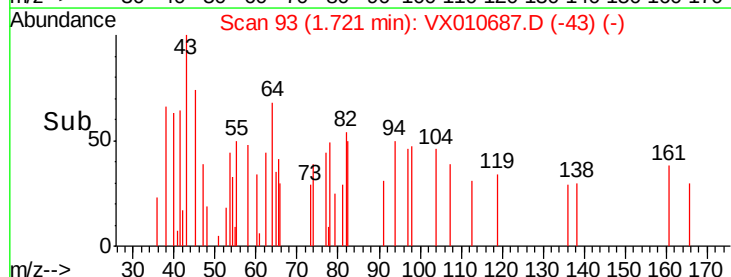
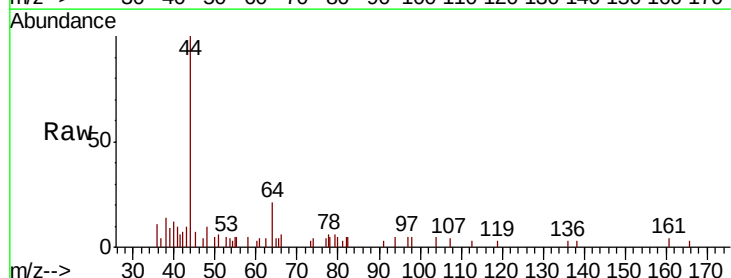
Acq: 08 Jul 2019 11:55

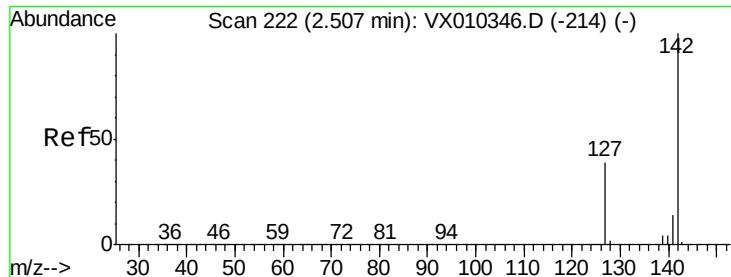
Tgt Ion: 64 Resp: 380

Ion Ratio Lower Upper

64 100

66 14.7 26.6 40.0#

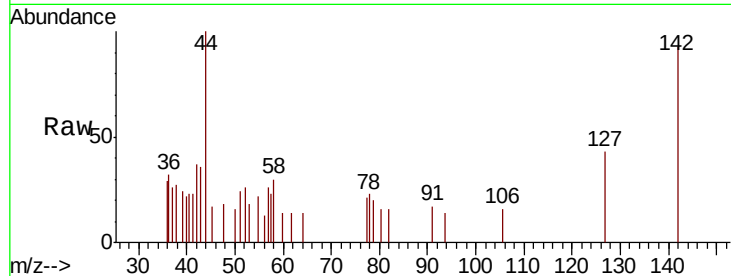




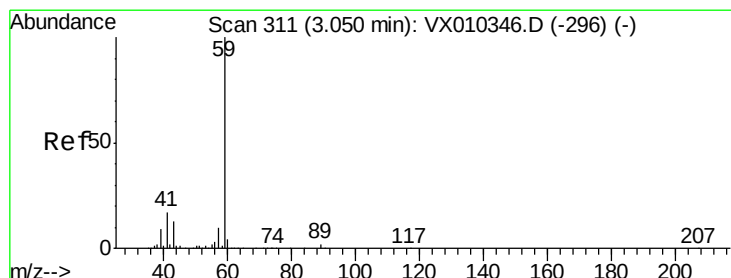
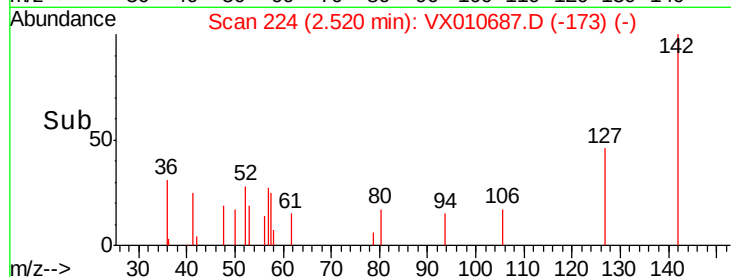
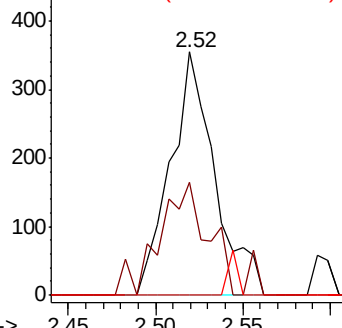
#10
Methvl Iodide
Concen: 0.208 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
FL-TB-2019-2

Tot Ion:142 Resp: 626
Ion Ratio Lower Upper
142 100
127 51.1 31.1 46.7#
141 0.0 11.2 16.8#

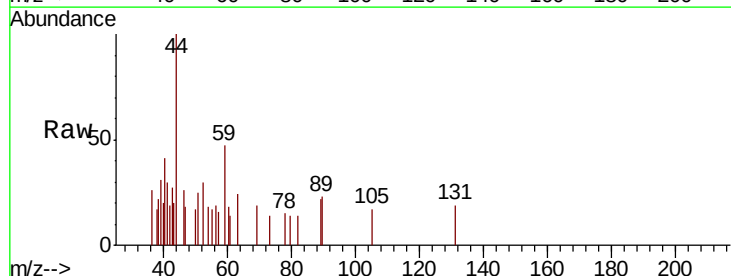


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

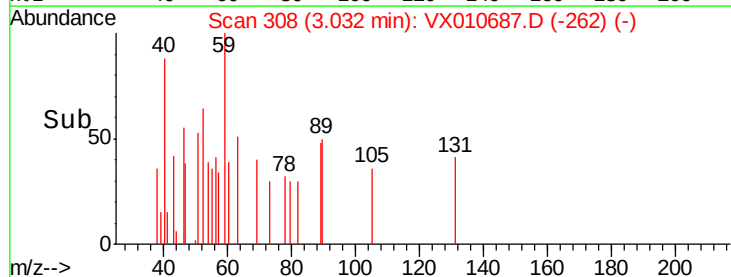
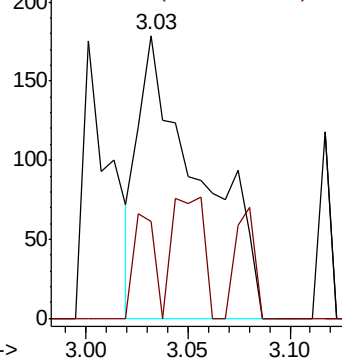


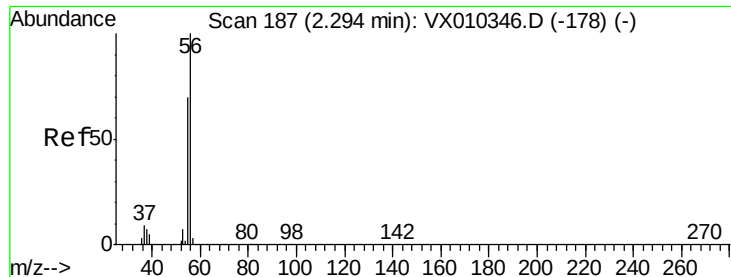
#11
Tert butyl alcohol
Concen: 0.620 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Tgt Ion: 59 Resp: 376
Ion Ratio Lower Upper
59 100
57 12.2 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

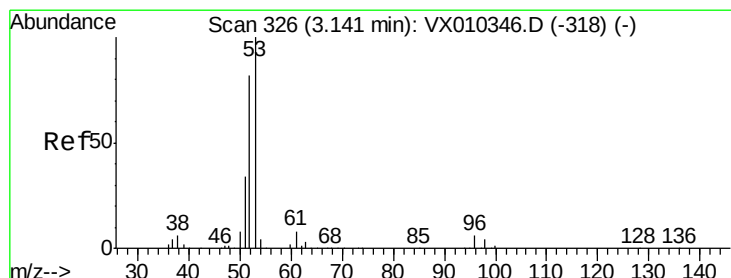
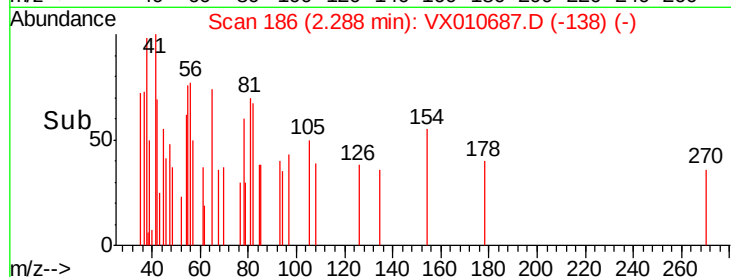
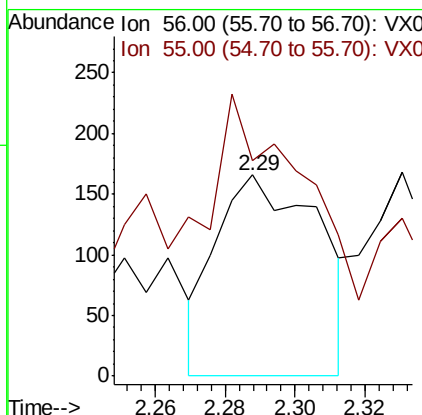
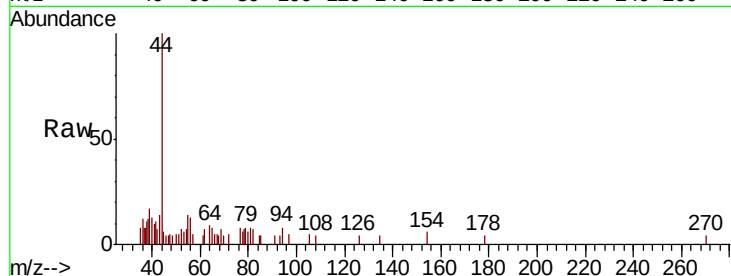




#13
Acrolein
Concen: 0.843 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

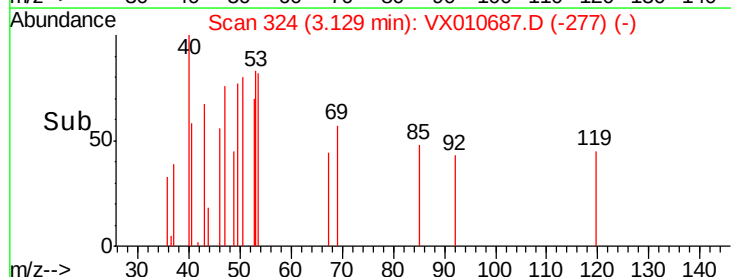
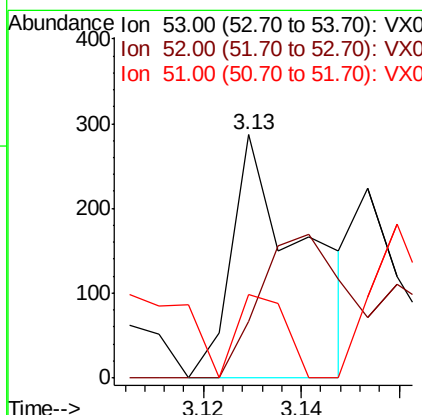
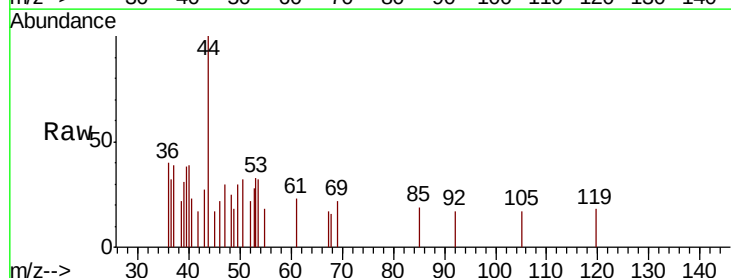
Instrument :
MSVOA_X
ClientSampled :
FL-TB-2019-2

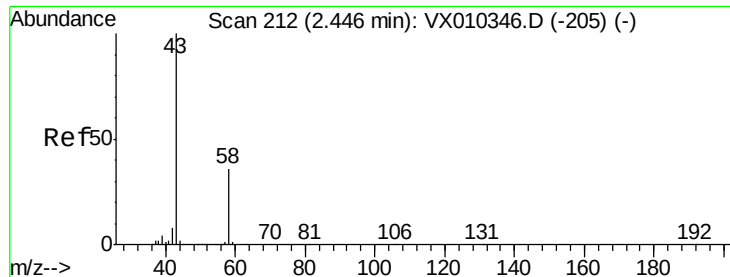
Tot Ion: 56 Resp: 339
Ion Ratio Lower Upper
56 100
55 85.5 56.9 85.3#



#15
Acrylonitrile
Concen: 0.245 ug/l
RT: 3.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Tgt Ion: 53 Resp: 294
Ion Ratio Lower Upper
53 100
52 97.3 65.5 98.3
51 23.1 28.2 42.4#





#16

Acetone

Concen: 0.301 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010687.D

Acq: 08 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

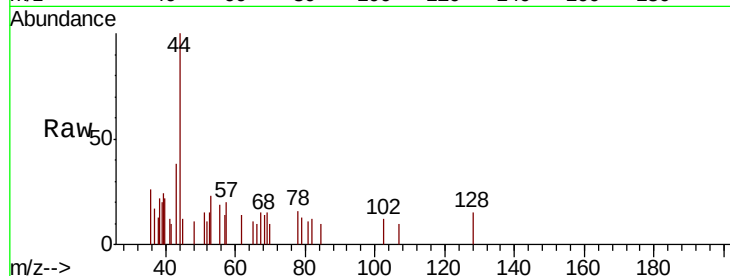
FL-TB-2019-2

Tot Ion: 43 Resp: 350

Ion Ratio Lower Upper

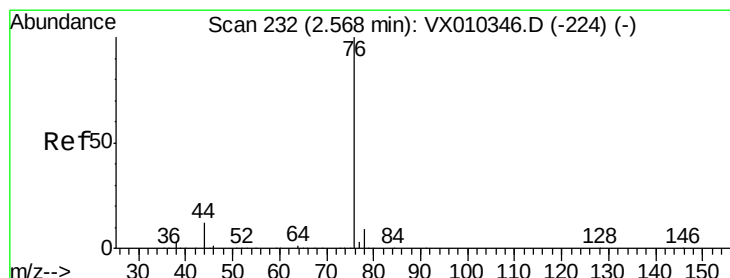
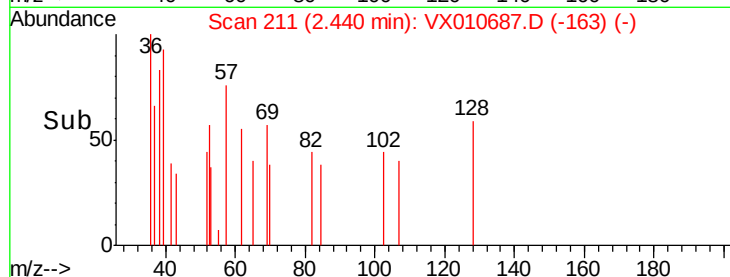
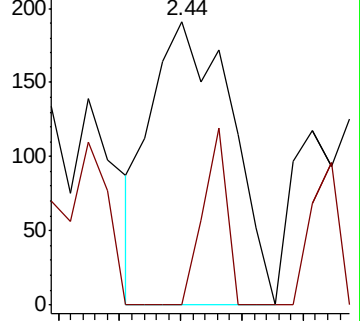
43 100

58 0.0 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010687.D

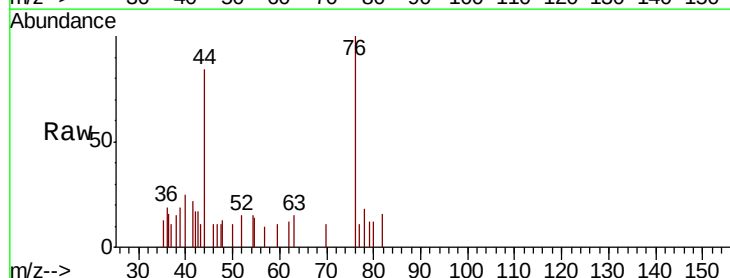
Acq: 08 Jul 2019 11:55

Tgt Ion: 76 Resp: 1226

Ion Ratio Lower Upper

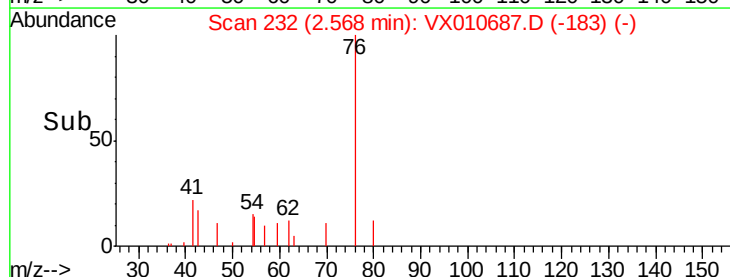
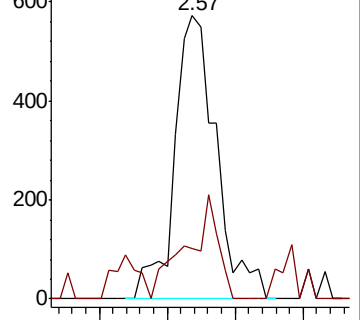
76 100

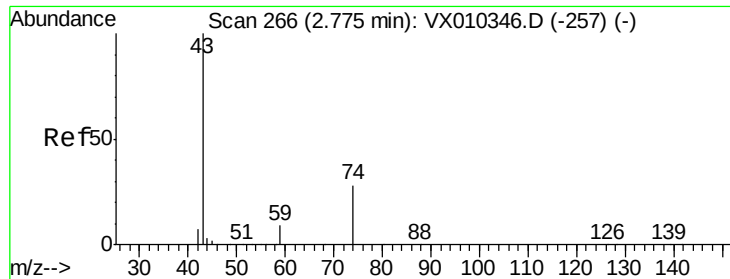
78 7.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

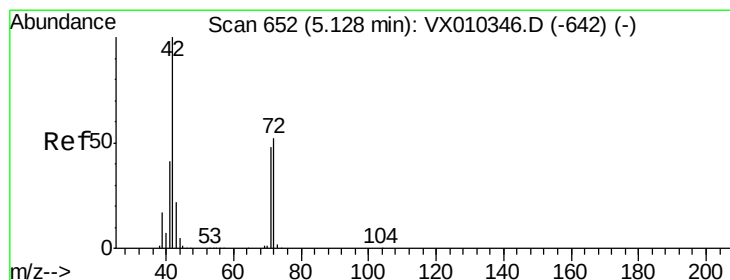
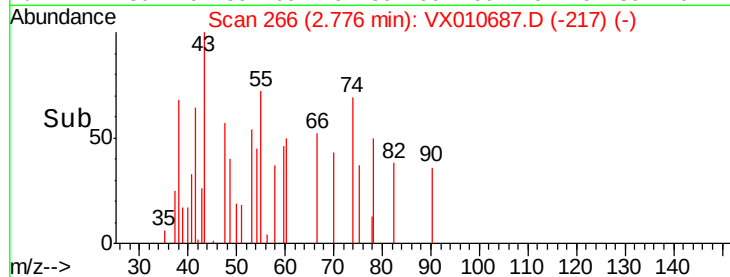
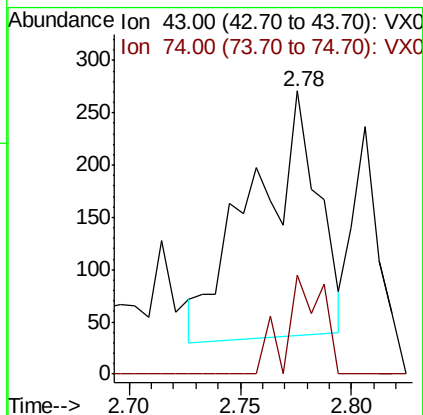
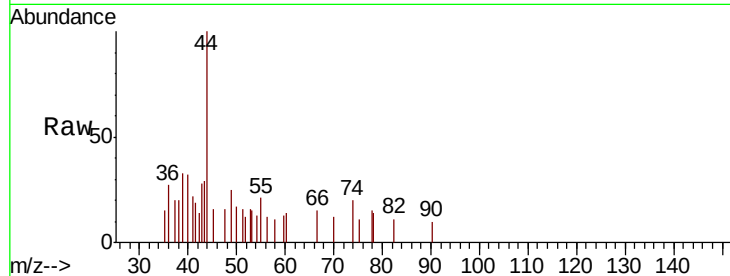




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

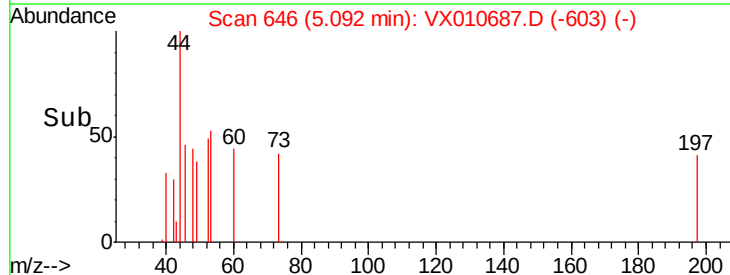
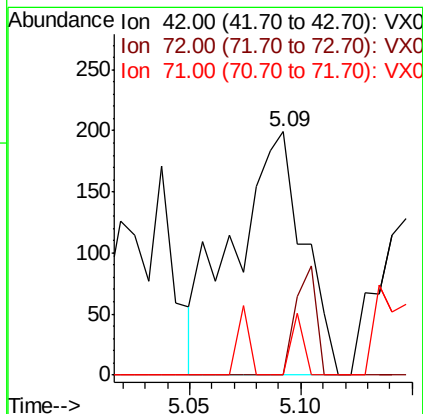
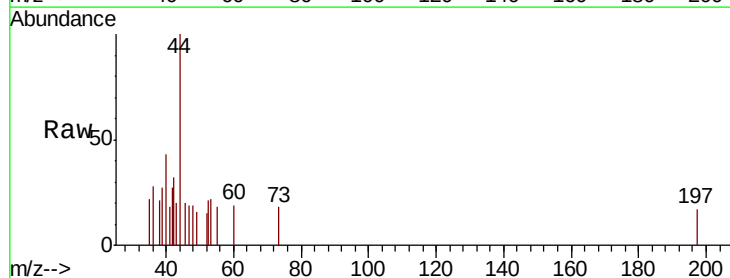
Instrument :
MSVOA_X
ClientSampled :
FL-TB-2019-2

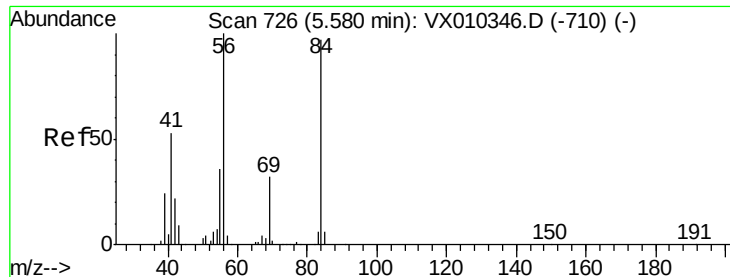
Tot Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
74 23.0 21.3 31.9



#29
Tetrahydrofuran
Concen: 0.411 ug/l
RT: 5.09 min Scan# 646
Delta R.T. -0.04 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Tgt Ion: 42 Resp: 434
Ion Ratio Lower Upper
42 100
72 12.9 40.6 60.8#
71 4.4 37.8 56.8#

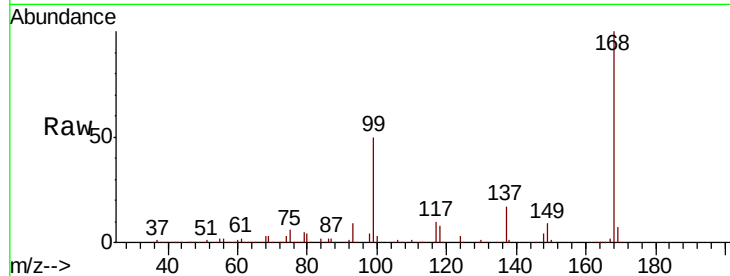




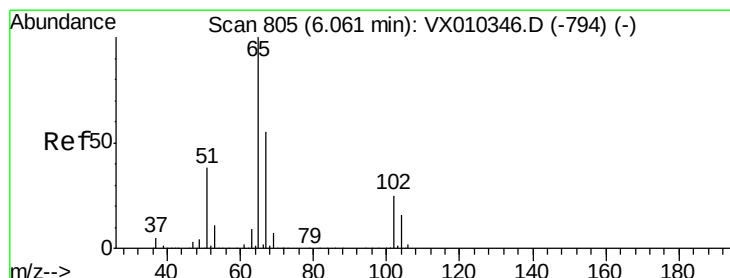
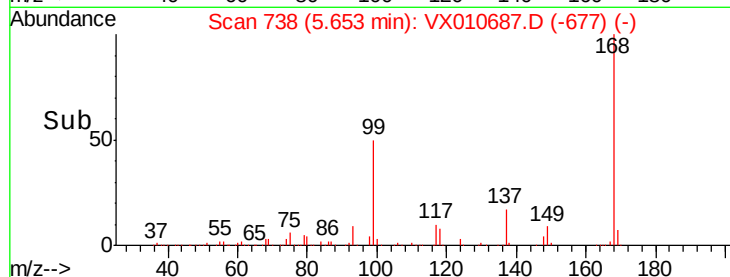
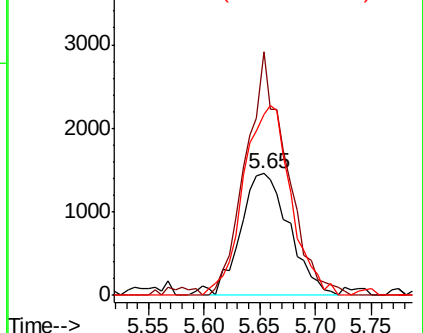
#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
FL-TB-2019-2

Tot Ion: 56 Resp: 4483
Ion Ratio Lower Upper
56 100
69 195.8 25.9 38.9#
84 148.6 78.0 117.0#

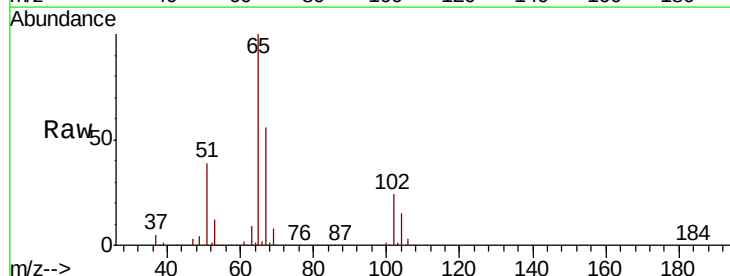


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

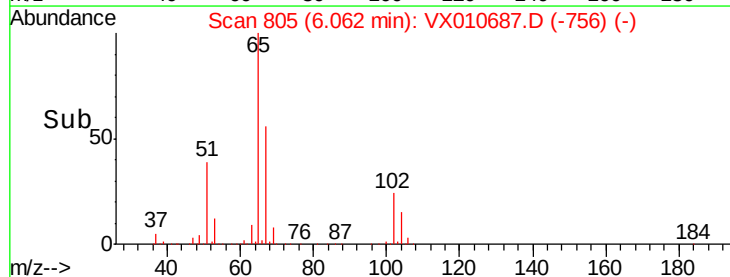
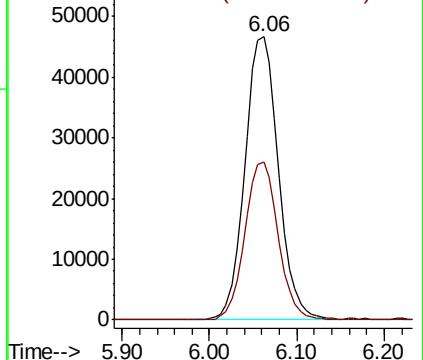


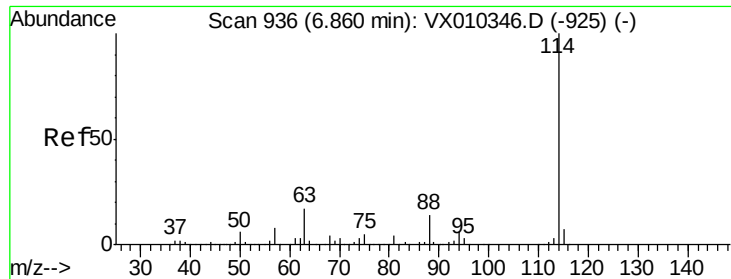
#33
1,2-Dichloroethane-d4
Concen: 53.609 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Tgt Ion: 65 Resp: 124220
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

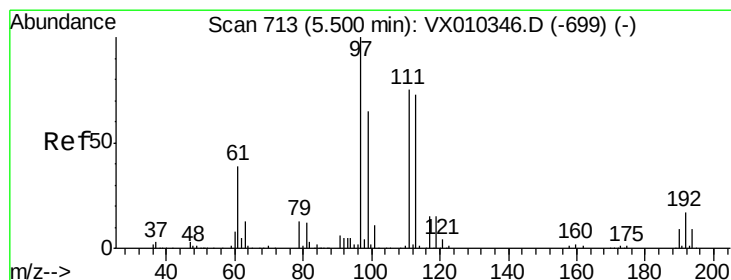
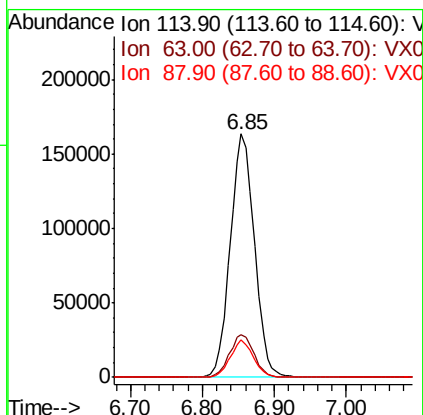
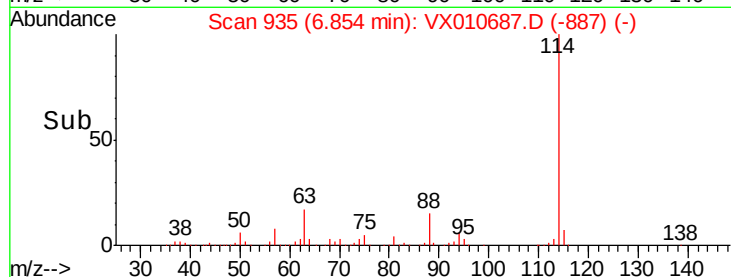
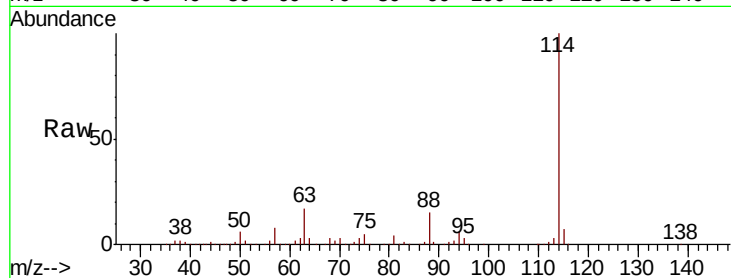




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010687.D
 Acq: 08 Jul 2019 11:55

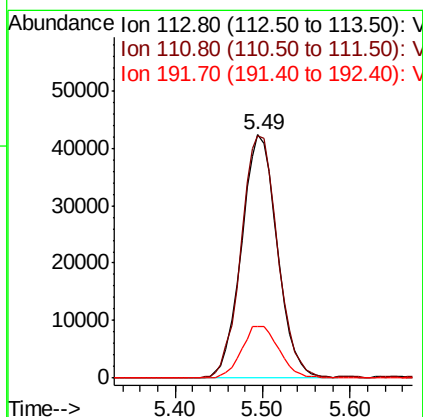
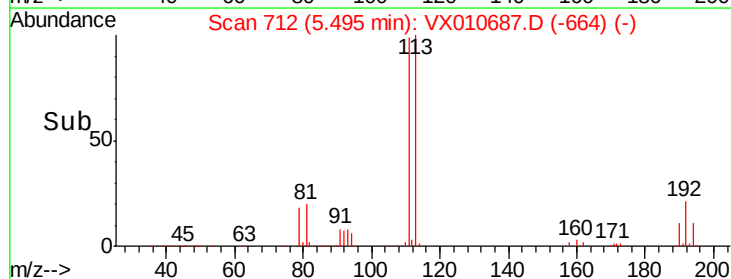
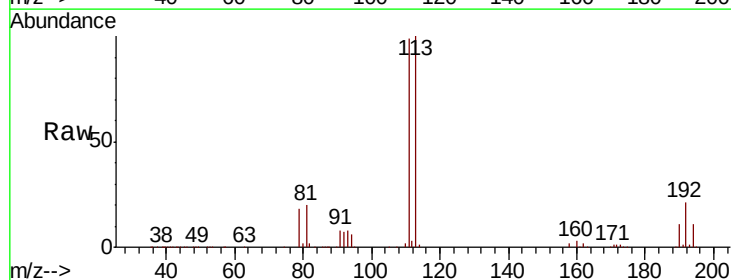
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-2

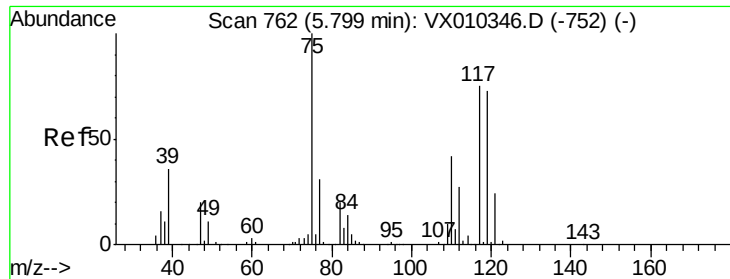
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	33.8
88	15.3	0.0	27.6



#35
 Dibromofluoromethane
 Concen: 51.329 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010687.D
 Acq: 08 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	22.4	18.6	27.8

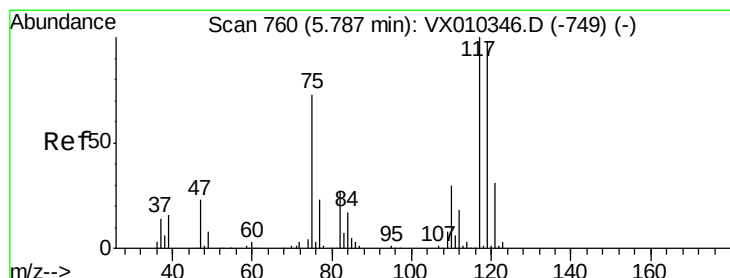
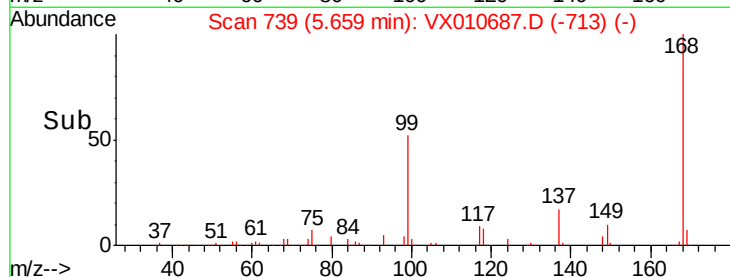
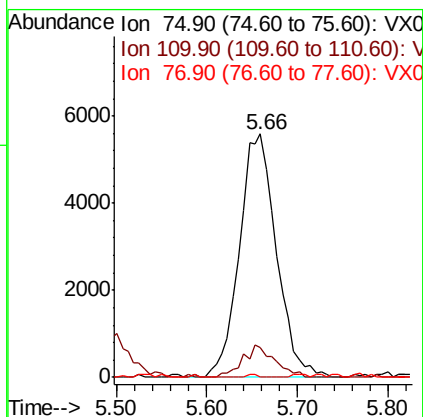
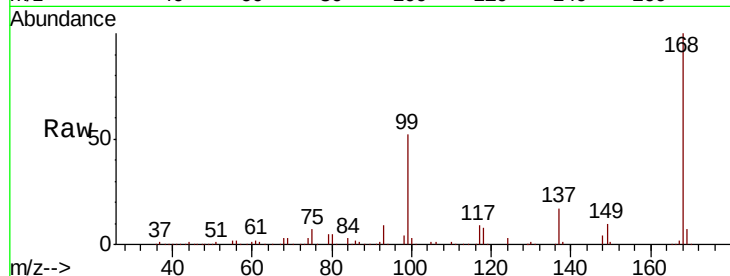




#36
 1,1-Dichloropropene
 Concen: 5.192 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010687.D
 Acq: 08 Jul 2019 11:55

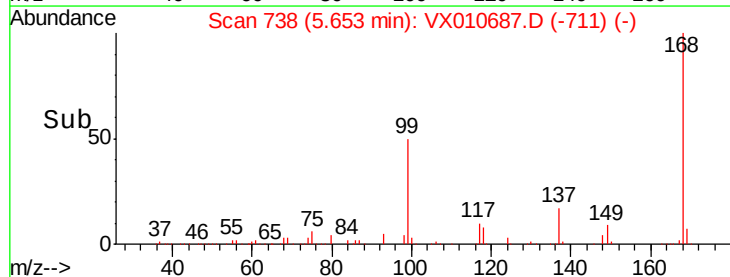
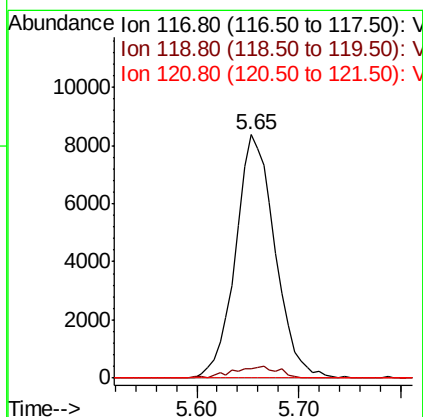
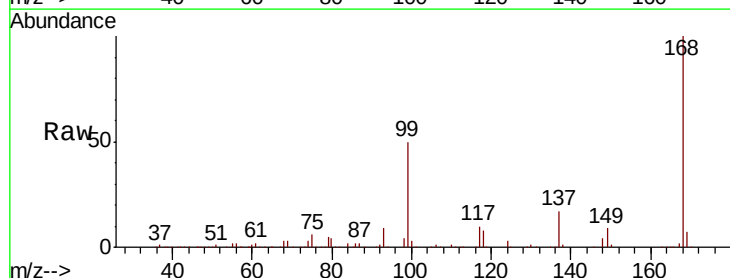
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-2

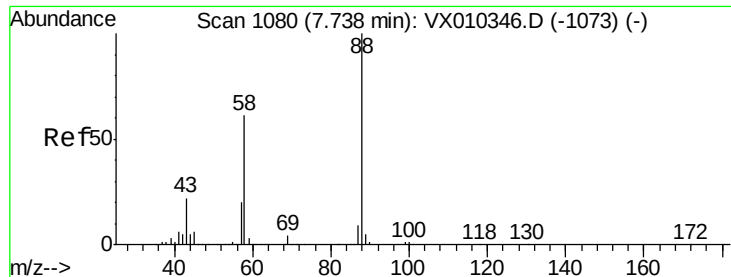
Tot Ion: 75 Resp: 15772
 Ion Ratio Lower Upper
 75 100
 110 11.6 20.8 62.2#
 77 0.3 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.804 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX010687.D
 Acq: 08 Jul 2019 11:55

Tgt Ion: 117 Resp: 22384
 Ion Ratio Lower Upper
 117 100
 119 3.7 78.2 117.4#
 121 0.0 24.7 37.1#

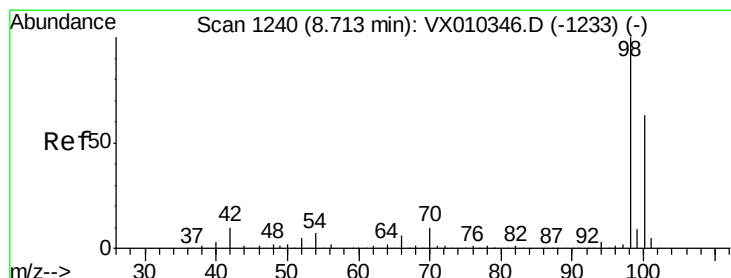
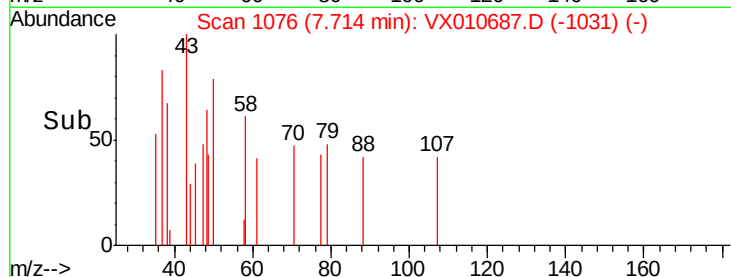
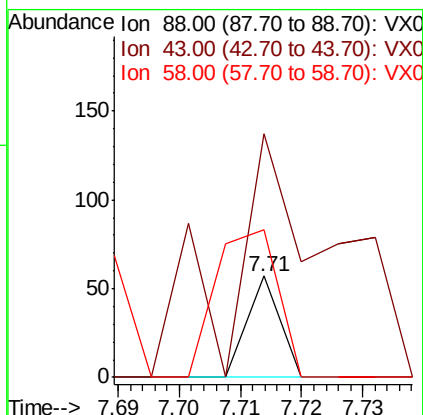
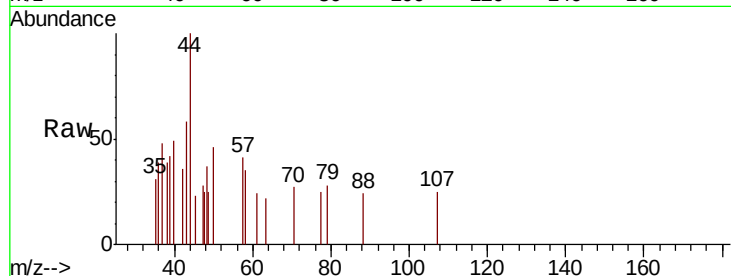




#49
1,4-Dioxane
Concen: 0.303 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

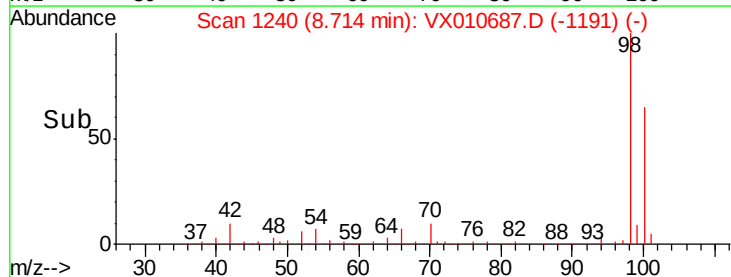
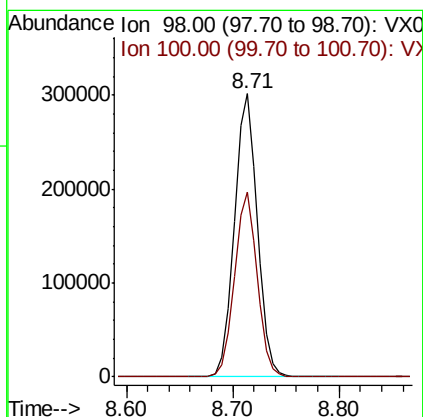
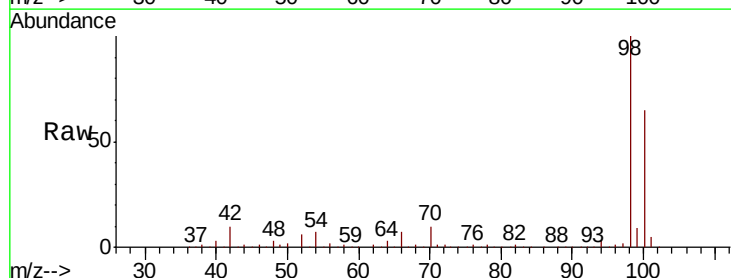
Instrument :
MSVOA_X
ClientSampled :
FL-TB-2019-2

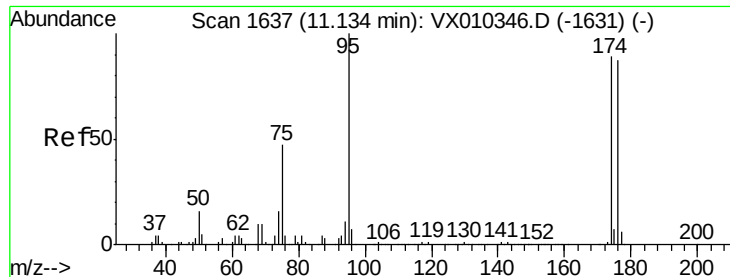
Tot Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 771.4 20.2 30.2#
58 276.2 49.5 74.3#



#50
Toluene-d8
Concen: 50.897 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Tgt Ion: 98 Resp: 455479
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

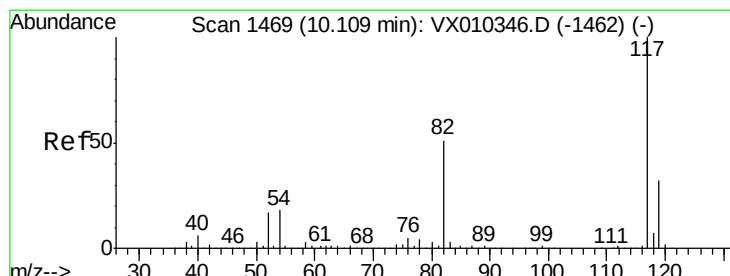
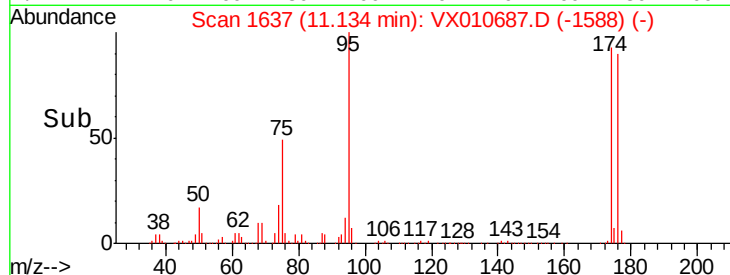
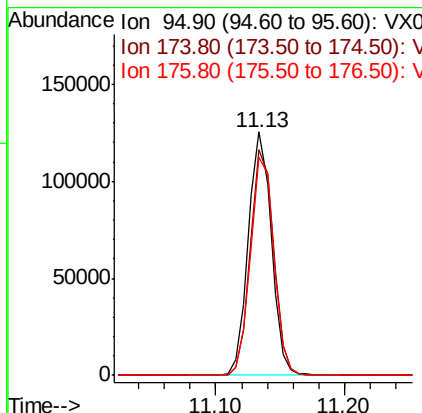
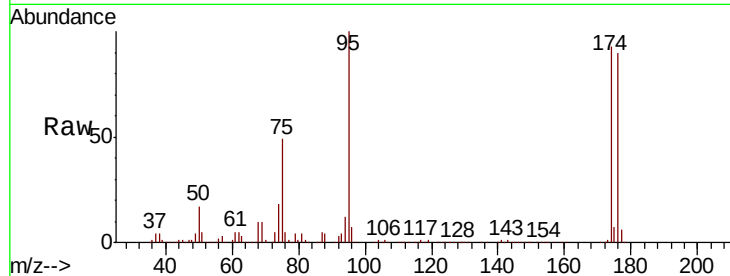




#62
4-Bromofluorobenzene
Concen: 47.612 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

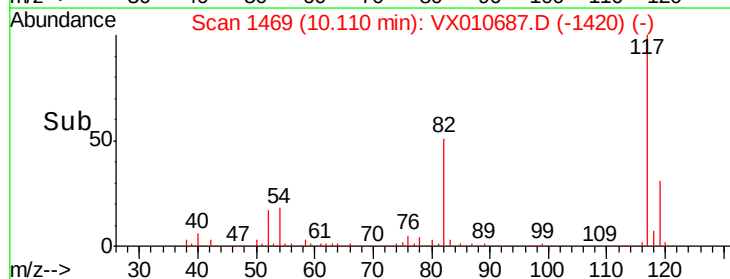
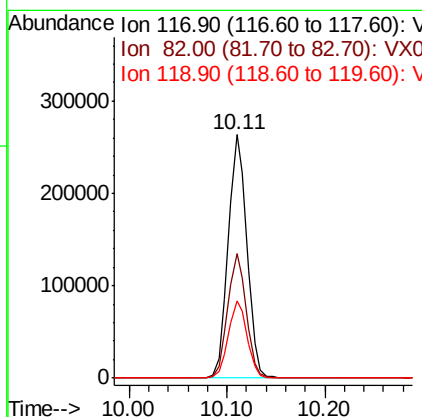
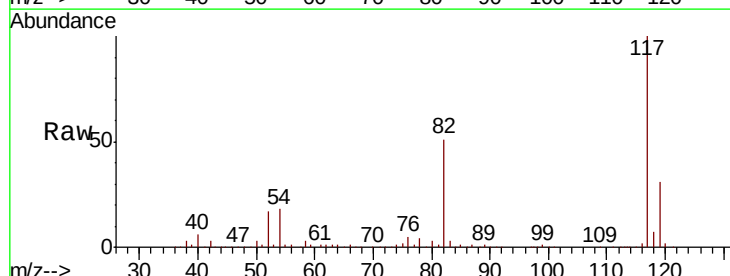
Instrument :
MSVOA_X
ClientSampleId :
FL-TB-2019-2

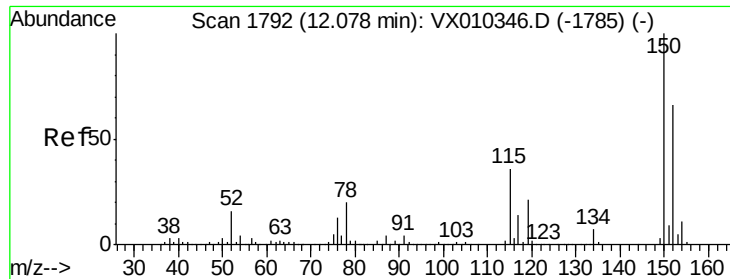
Tot Ion	95	Resp	153826
Ion Ratio	100	Lower	Upper
174	94.2	0.0	187.6
176	91.1	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010687.D
Acq: 08 Jul 2019 11:55

Tgt Ion	117	Resp	351002
Ion Ratio	100	Lower	Upper
82	51.0	41.2	61.8
119	31.5	25.5	38.3

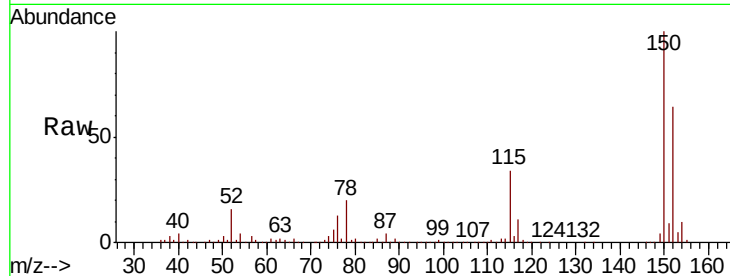




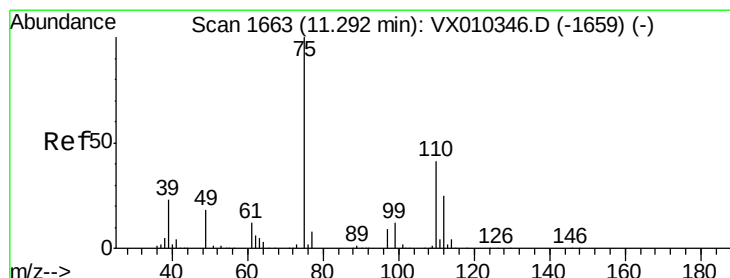
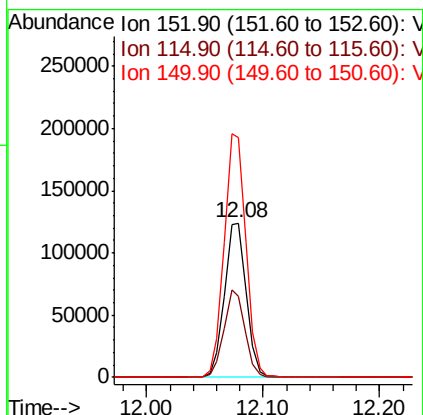
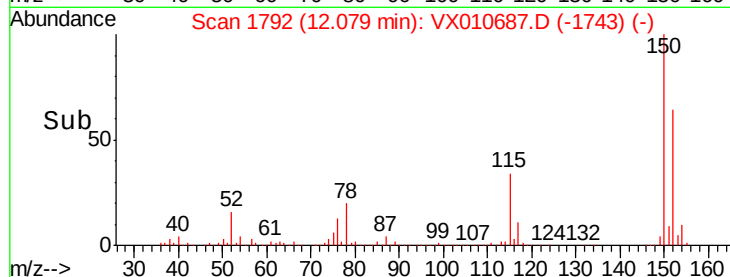
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010687.D
 Acq: 08 Jul 2019 11:55

Instrument :
 MSVOA_X
 ClientSampled :
 FL-TB-2019-2

Tot Ion:152 Resp: 159789
 Ion Ratio Lower Upper
 152 100
 115 54.6 38.6 115.7
 150 158.3 0.0 347.4

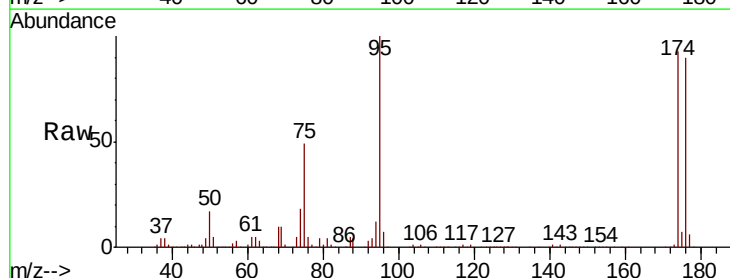


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

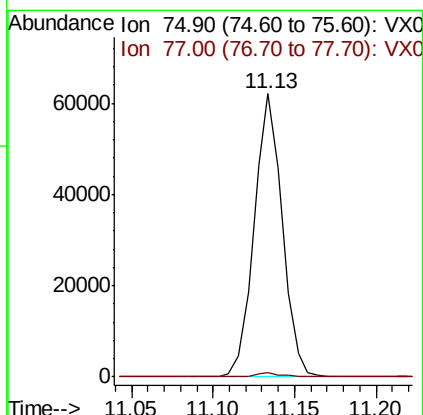
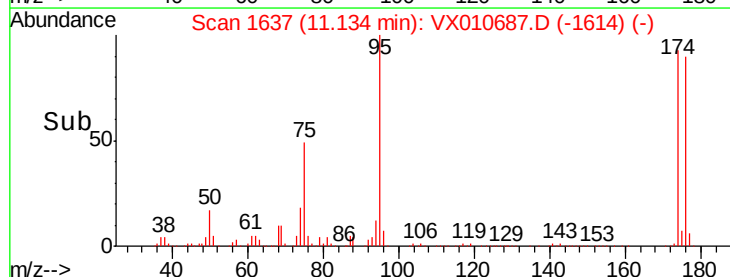


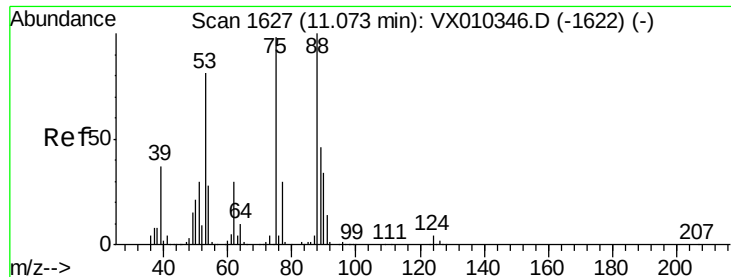
#76
 1,2,3-Trichloropropane
 Concen: 25.604 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010687.D
 Acq: 08 Jul 2019 11:55

Tgt Ion: 75 Resp: 74554
 Ion Ratio Lower Upper
 75 100
 77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.732 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010687.D

Acq: 08 Jul 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2019-2

Tot Ion: 75 Resp: 74554

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.0 37.8 56.6#

