

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010830.D
 Acq On : 12 Jul 2019 12:56
 Operator : JC/SP
 Sample : K3786-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-3

Quant Time: Jul 13 01:38:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142347	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	110094	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
35) Dibromofluoromethane	5.50	113	104595	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	409906	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	136898	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

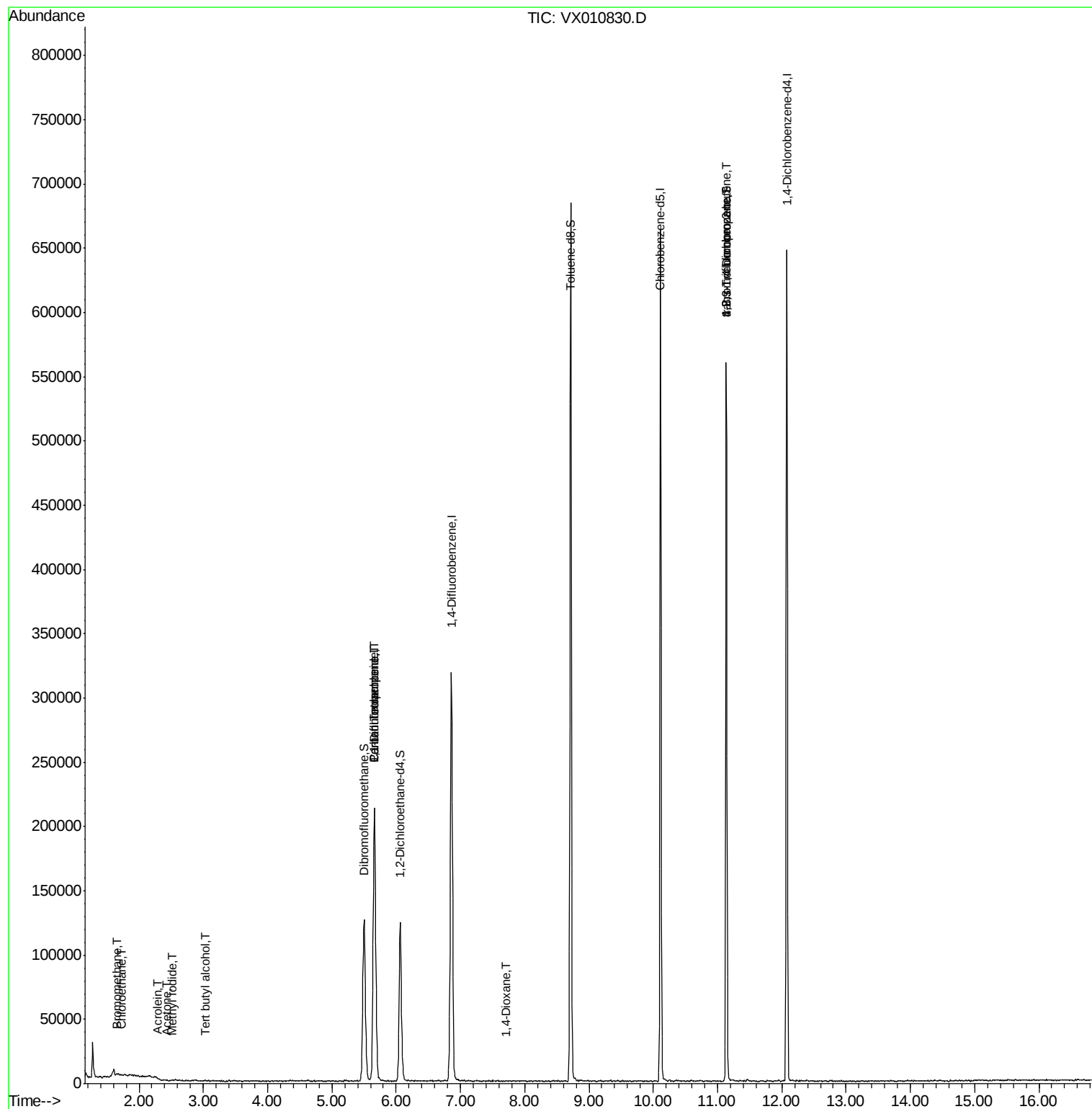
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	504	0.538	ug/l #	57
6) Chloroethane	1.72	64	241	0.213	ug/l	99
10) Methyl Iodide	2.51	142	548	0.208	ug/l #	90
11) Tert butyl alcohol	3.02	59	144	0.271	ug/l #	1
13) Acrolein	2.29	56	115	0.326	ug/l #	80
16) Acetone	2.43	43	250	0.246	ug/l #	45
36) 1,1-Dichloropropene	5.66	75	13757	5.088	ug/l #	48
38) Carbon Tetrachloride	5.66	117	19992	6.828	ug/l #	16
49) 1,4-Dioxane	7.71	88	46	0.746	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	67795	26.136	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	67795	60.972	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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

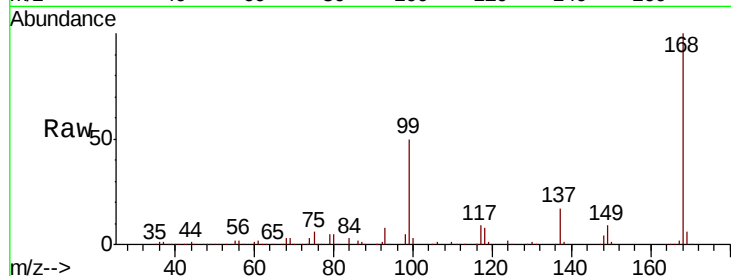
FL-TB-2019-3

Tot Ion:168 Resp: 216688

Ion Ratio Lower Upper

168 100

99 49.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

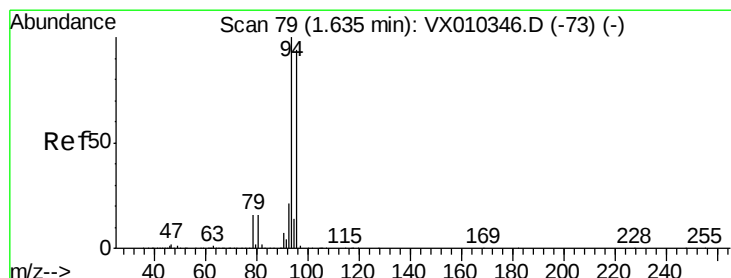
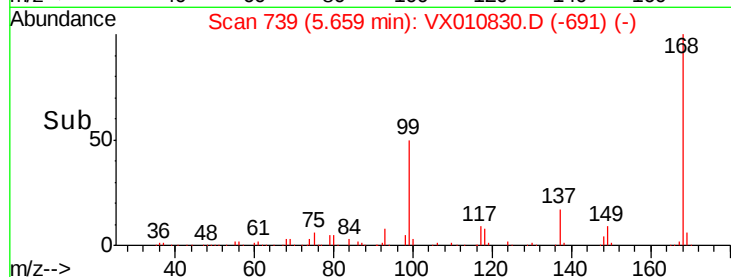
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.538 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010830.D

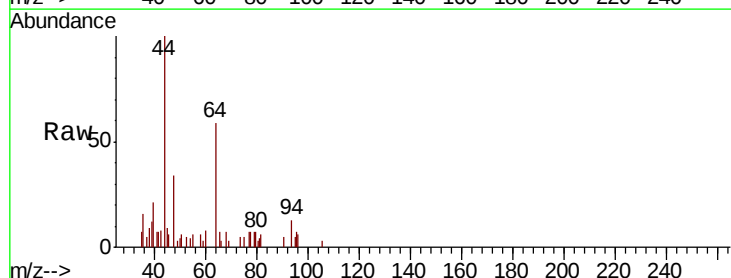
Acq: 12 Jul 2019 12:56

Tgt Ion: 94 Resp: 504

Ion Ratio Lower Upper

94 100

96 52.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

250

200

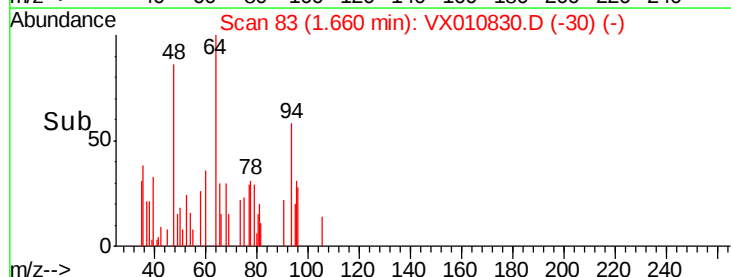
150

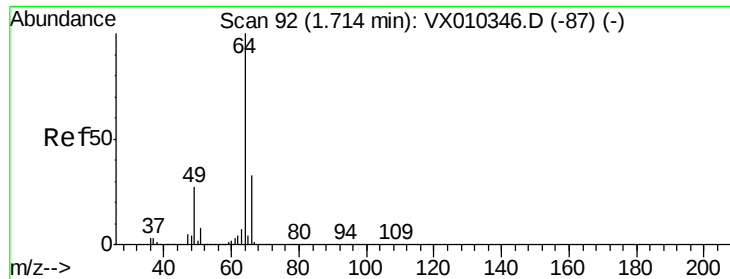
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.213 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

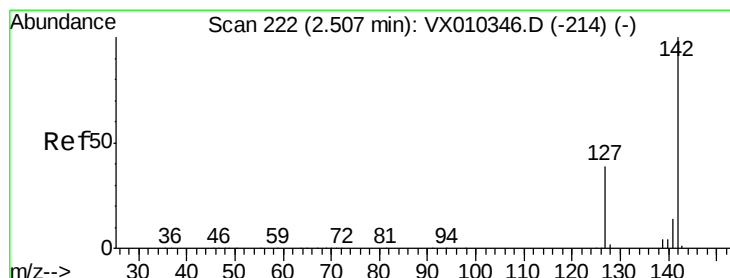
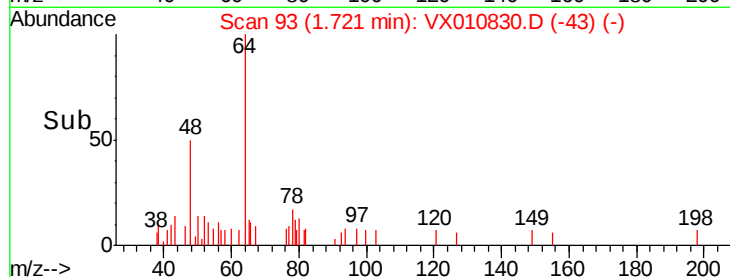
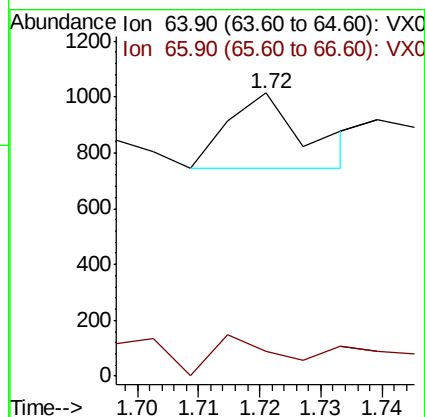
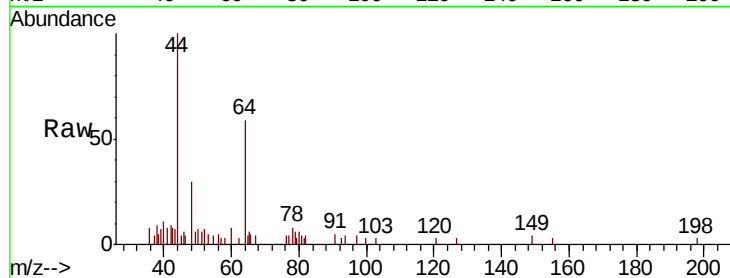
FL-TB-2019-3

Tot Ion: 64 Resp: 241

Ion Ratio Lower Upper

64 100

66 33.7 26.6 40.0



#10

Methyl Iodide

Concen: 0.208 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

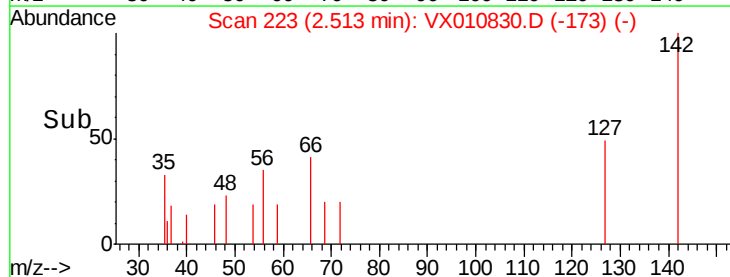
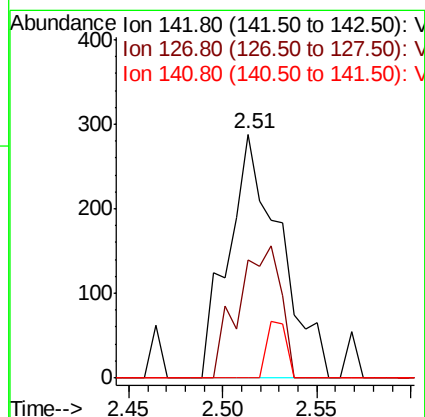
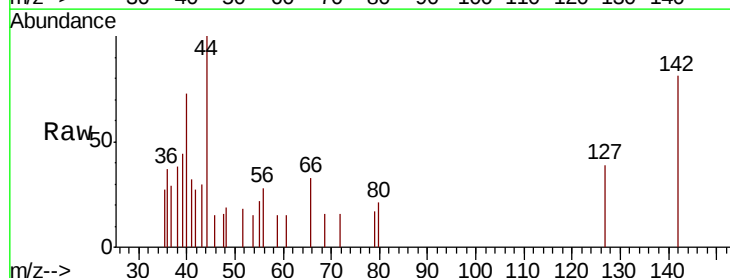
Tgt Ion: 142 Resp: 548

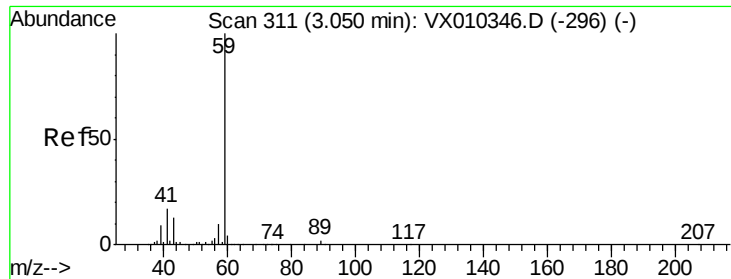
Ion Ratio Lower Upper

142 100

127 44.5 31.1 46.7

141 8.8 11.2 16.8#



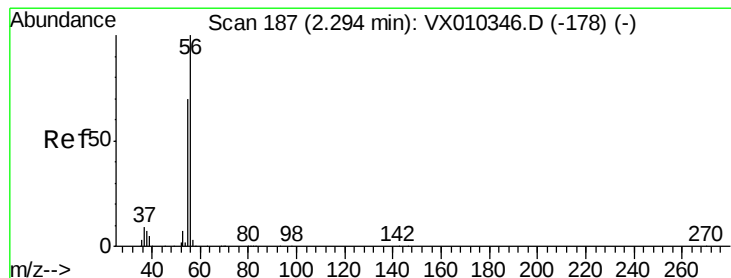
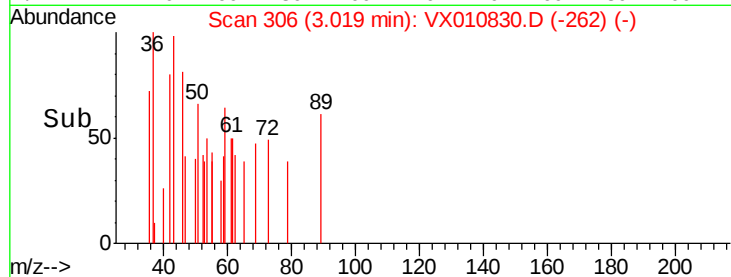
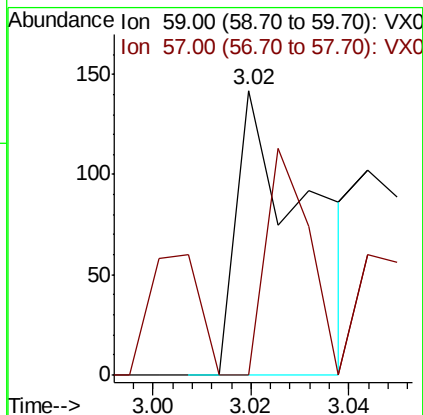
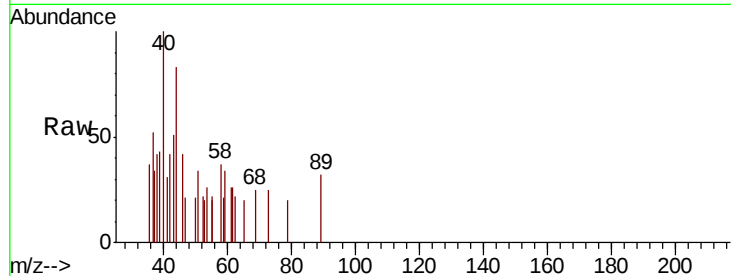


#11

Tert butyl alcohol
 Concen: 0.271 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010830.D
 Acq: 12 Jul 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-3

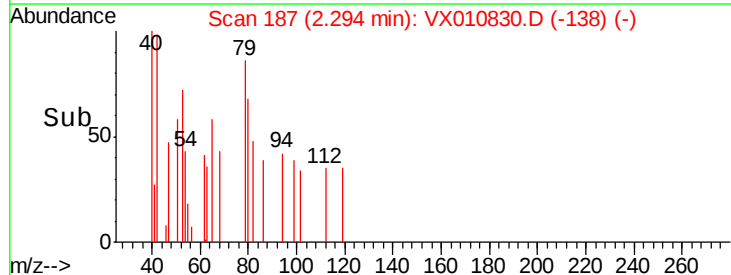
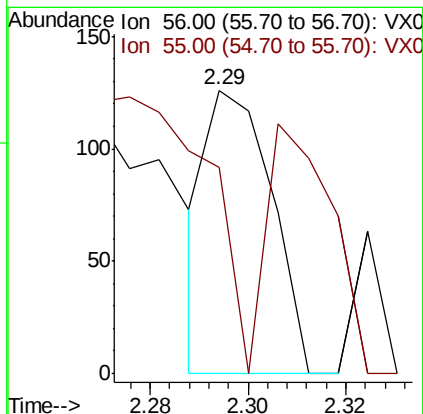
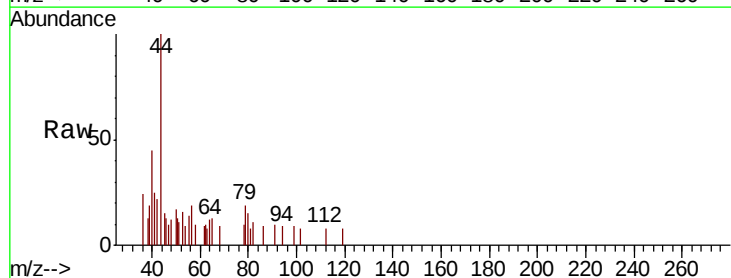
Tot Ion: 59 Resp: 144
 Ion Ratio Lower Upper
 59 100
 57 47.2 7.7 11.5#

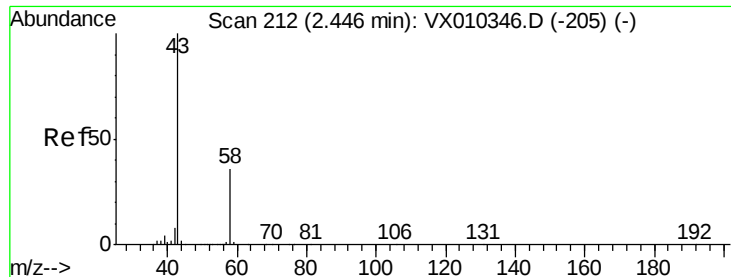


#13

Acrolein
 Concen: 0.326 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010830.D
 Acq: 12 Jul 2019 12:56

Tgt Ion: 56 Resp: 115
 Ion Ratio Lower Upper
 56 100
 55 87.8 56.9 85.3#





#16

Acetone

Concen: 0.246 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.02 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

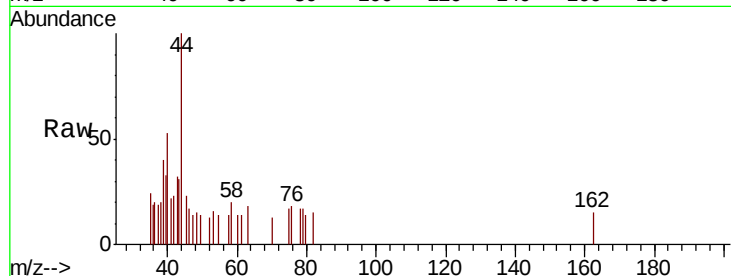
FL-TB-2019-3

Tot Ion: 43 Resp: 250

Ion Ratio Lower Upper

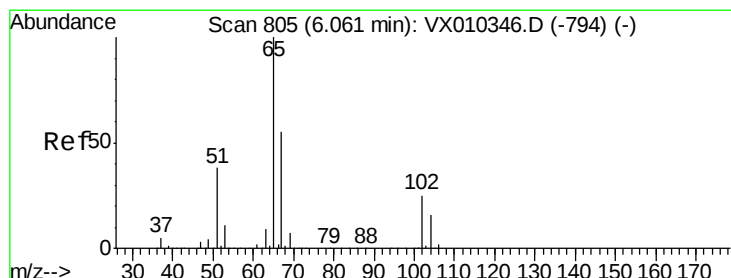
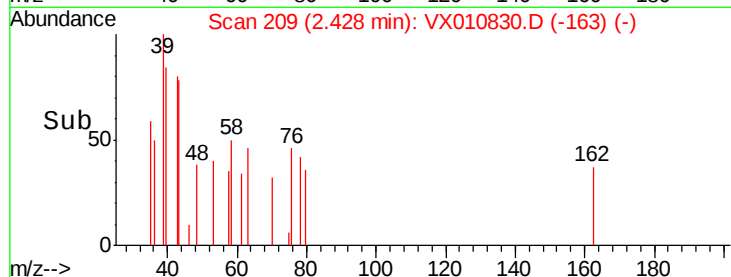
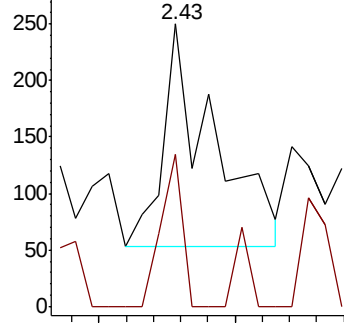
43 100

58 68.5 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.189 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010830.D

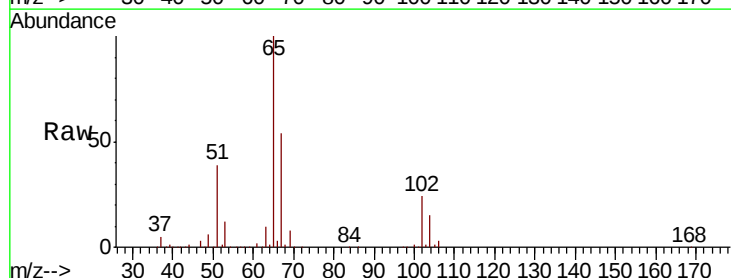
Acq: 12 Jul 2019 12:56

Tgt Ion: 65 Resp: 110094

Ion Ratio Lower Upper

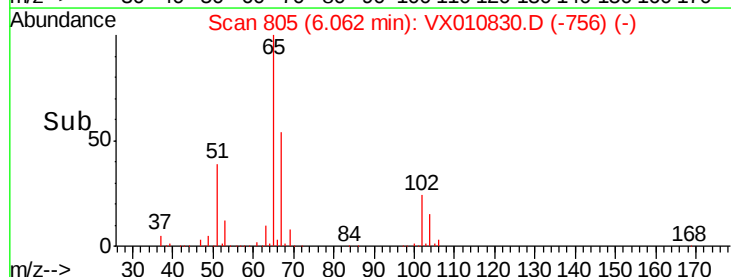
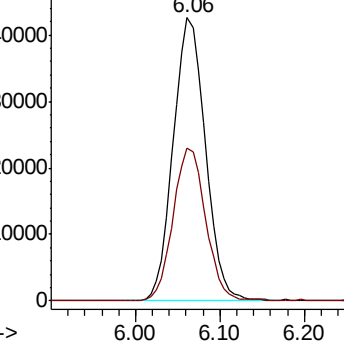
65 100

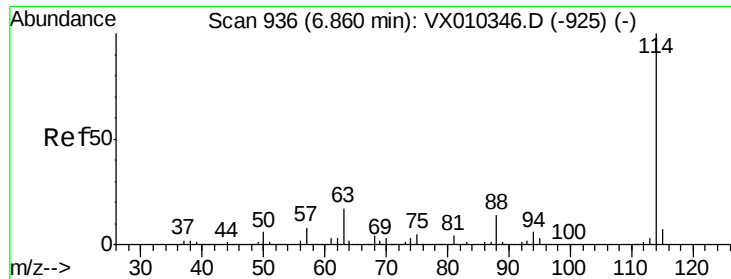
67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

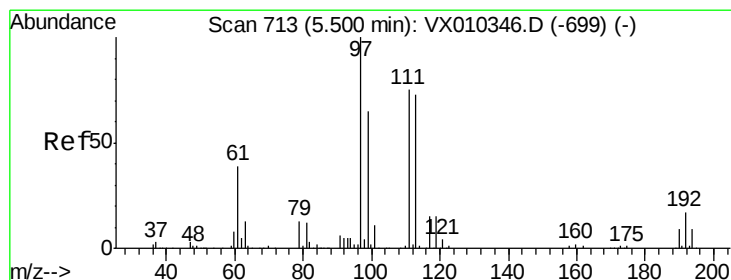
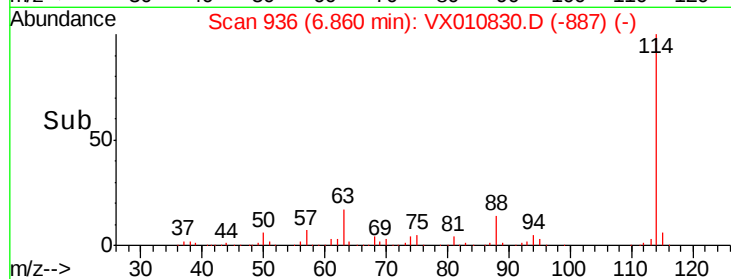
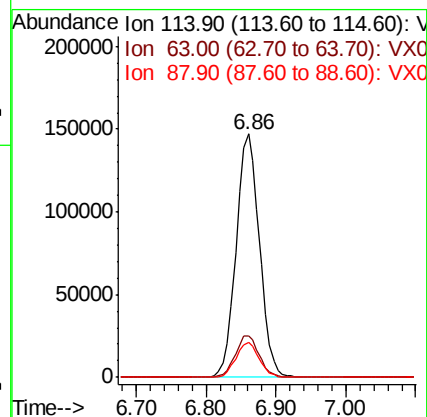
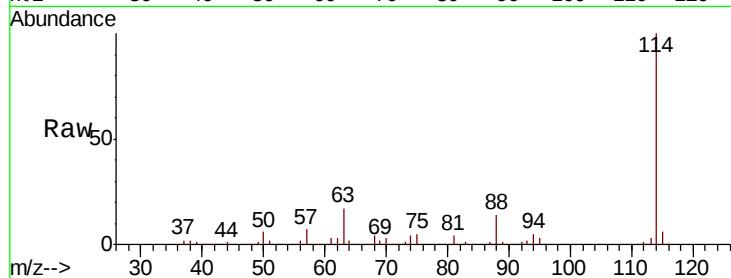




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010830.D
 Acq: 12 Jul 2019 12:56

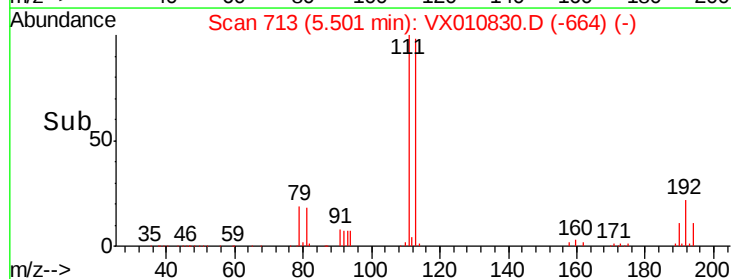
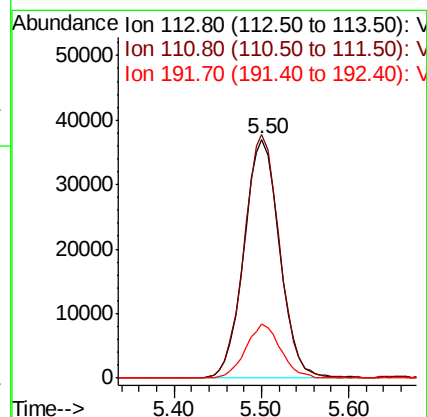
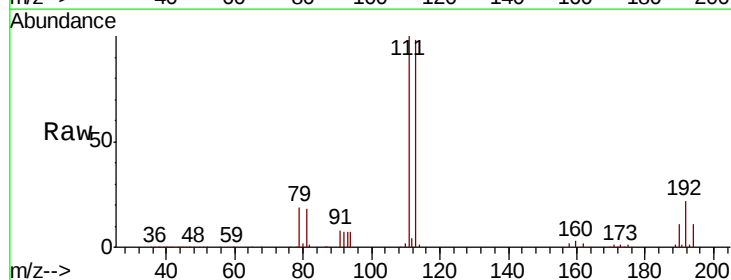
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-3

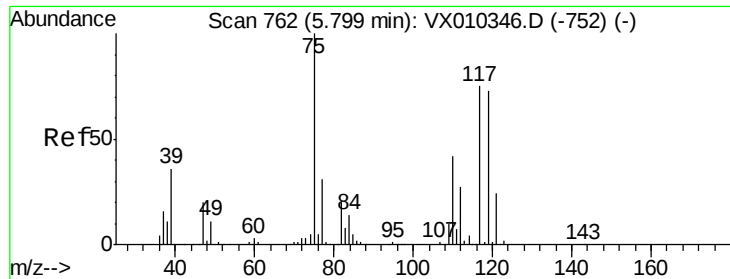
Tot Ion:114 Resp: 340265
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.8
 88 14.4 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 50.241 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010830.D
 Acq: 12 Jul 2019 12:56

Tgt Ion:113 Resp: 104595
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.2 121.8
 192 22.2 18.6 27.8

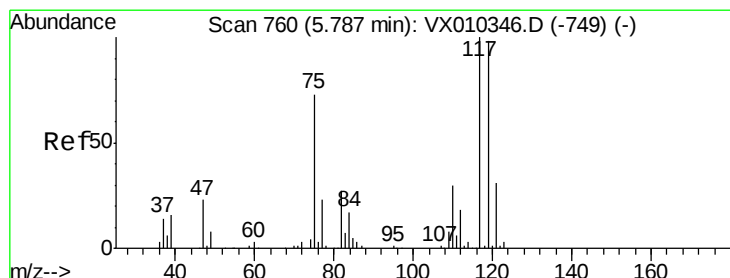
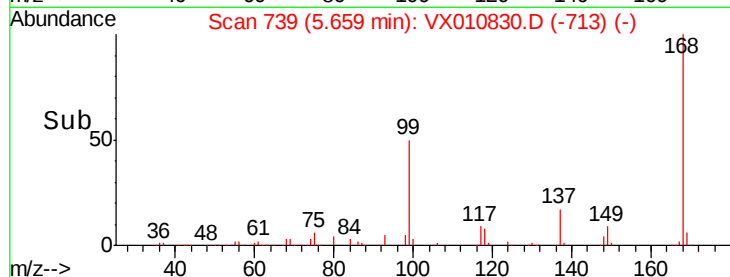
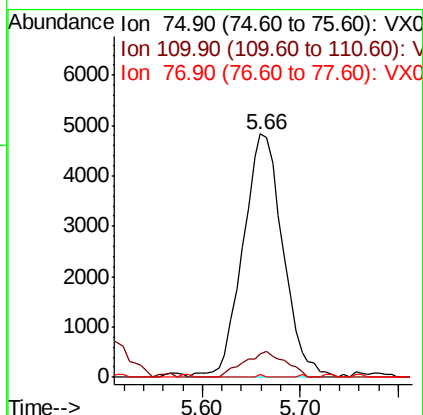
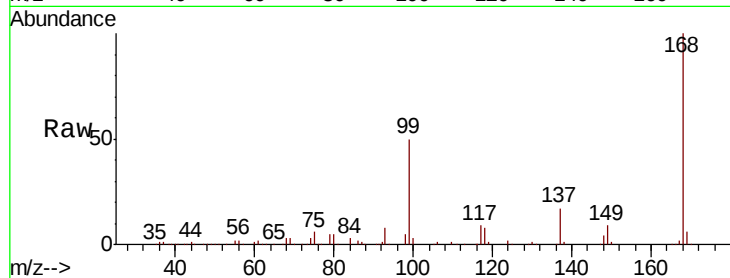




#36
 1,1-Dichloropropene
 Concen: 5.088 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010830.D
 Acq: 12 Jul 2019 12:56

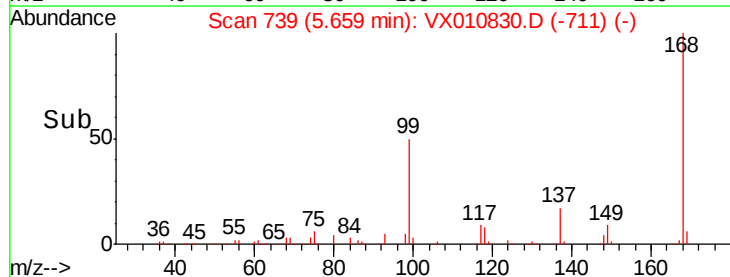
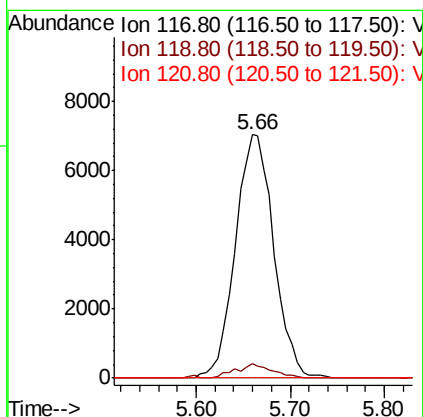
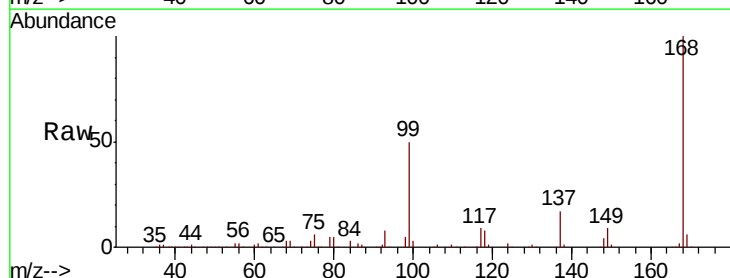
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2019-3

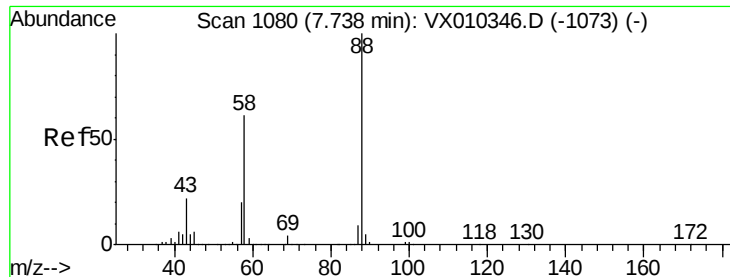
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.8	62.2#
77	0.1	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.828 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010830.D
 Acq: 12 Jul 2019 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.2	117.4#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 0.746 ug/l

RT: 7.71 min Scan# 1076

Delta R.T. -0.02 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampled :

FL-TB-2019-3

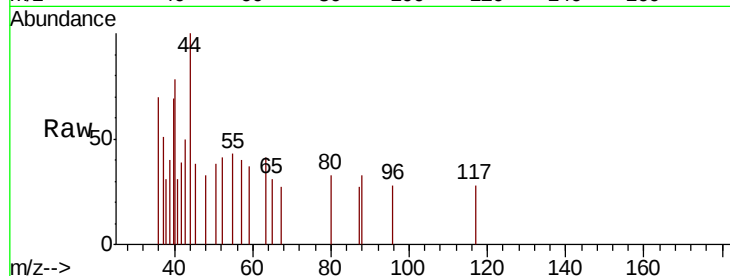
Tot Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 78.3 20.2 30.2#

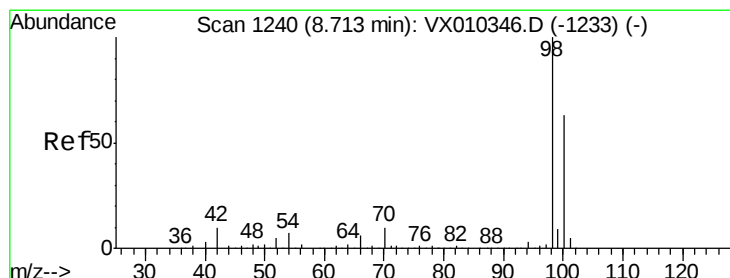
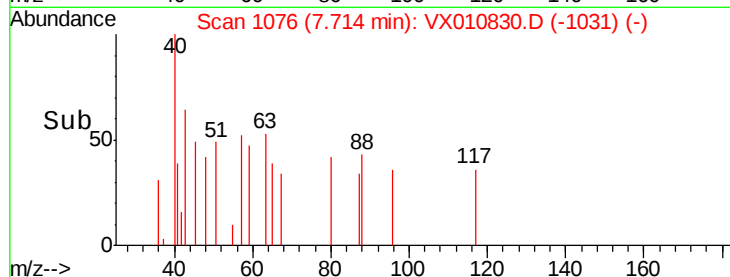
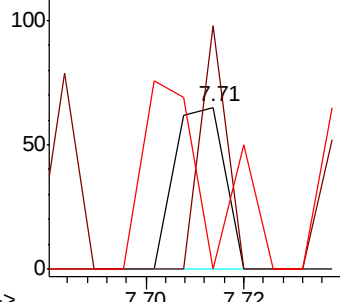
58 154.3 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.465 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010830.D

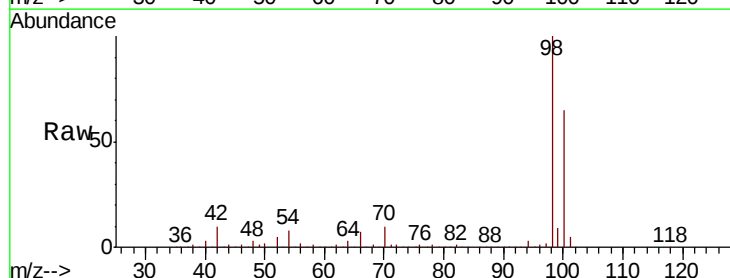
Acq: 12 Jul 2019 12:56

Tgt Ion: 98 Resp: 409906

Ion Ratio Lower Upper

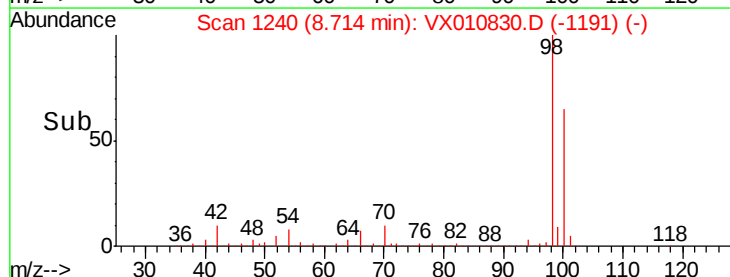
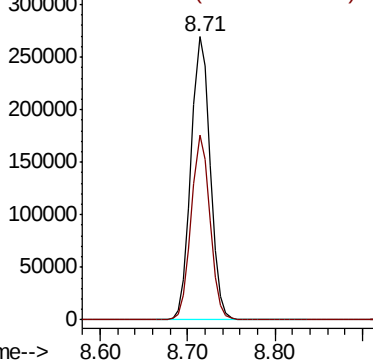
98 100

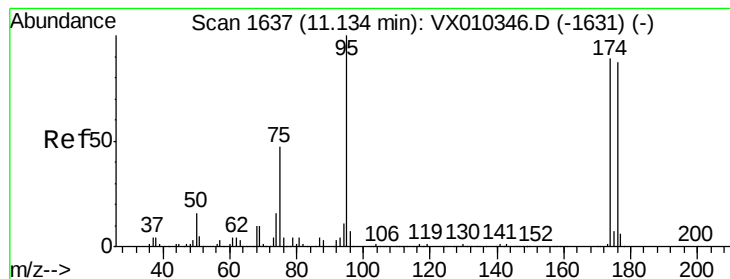
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.608 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2019-3

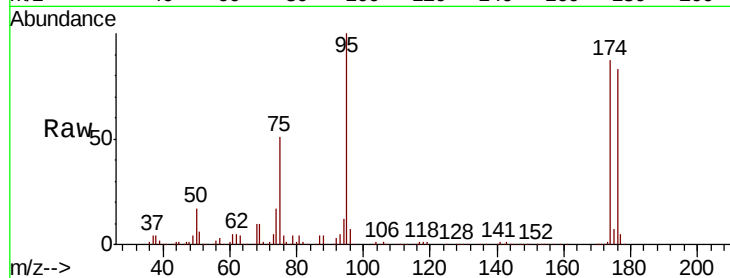
Tot Ion: 95 Resp: 136898

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

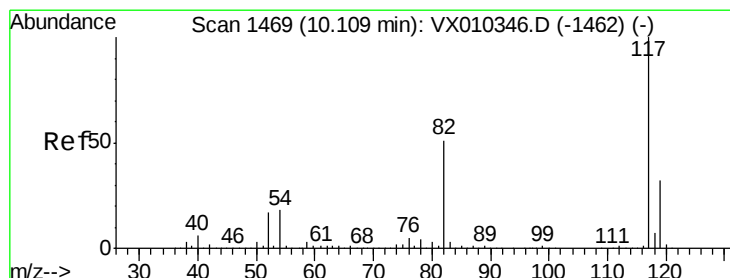
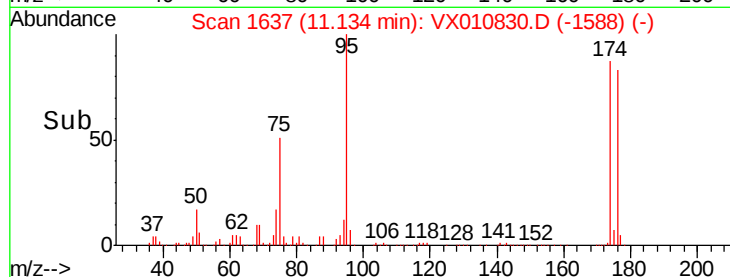
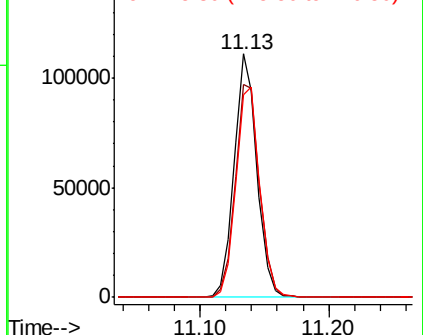
176 90.0 0.0 184.0



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: VX010830.D

Acq: 12 Jul 2019 12:56

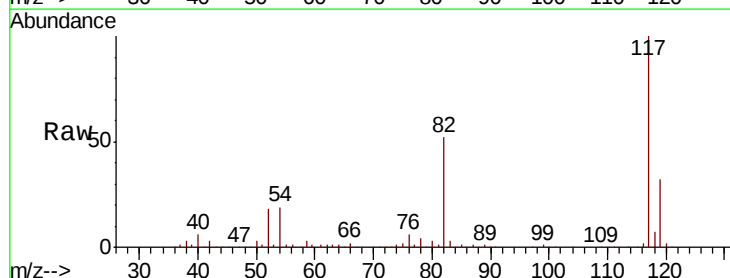
Tgt Ion: 117 Resp: 312406

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

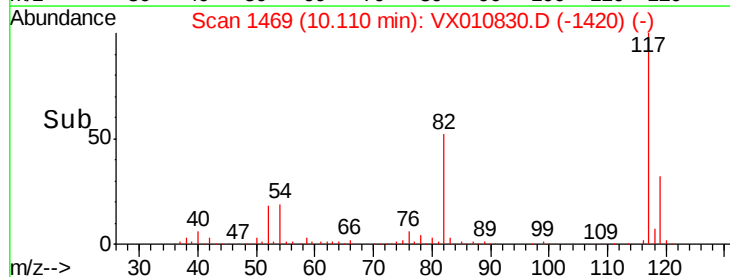
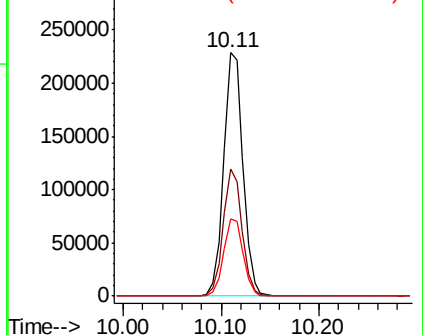
119 31.7 25.5 38.3

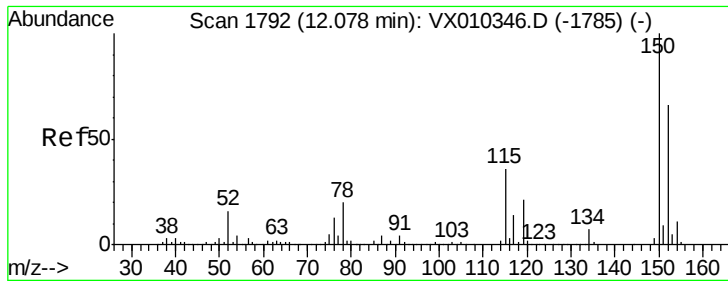


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2019-3

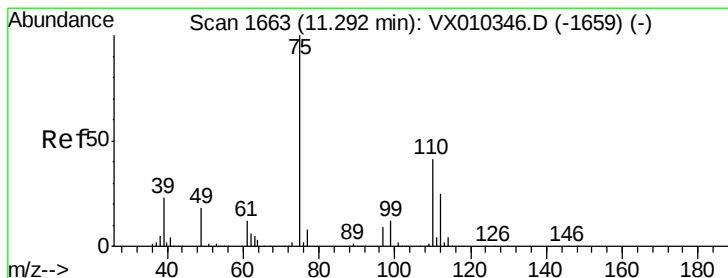
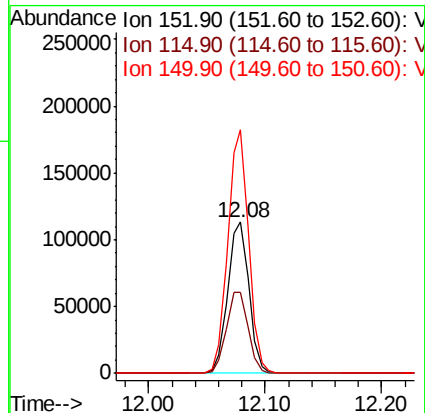
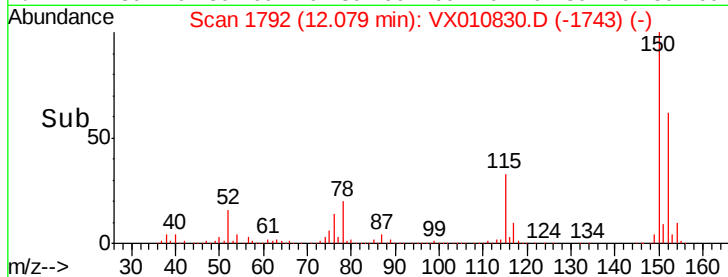
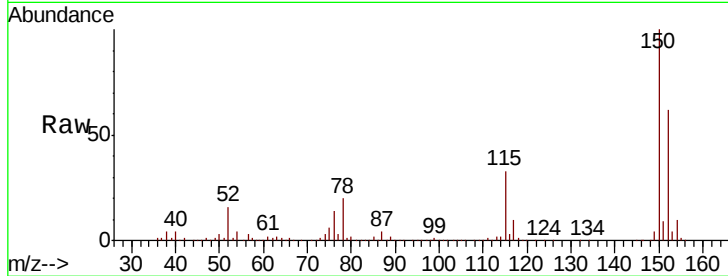
Tot Ion:152 Resp: 142347

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

150 157.5 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 26.136 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010830.D

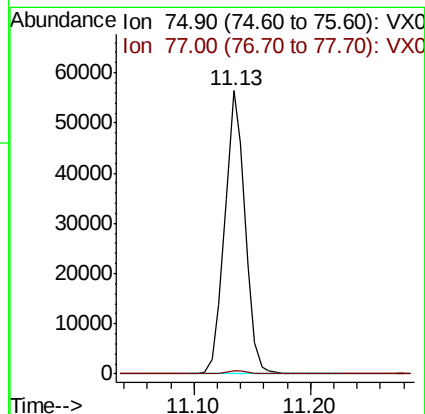
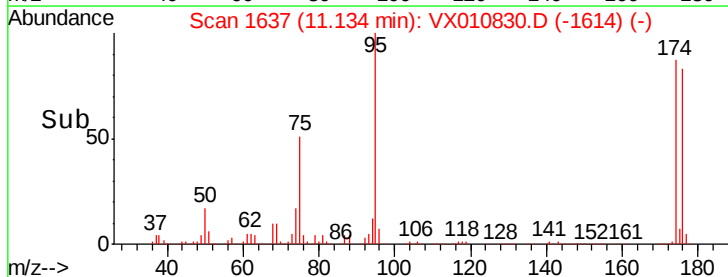
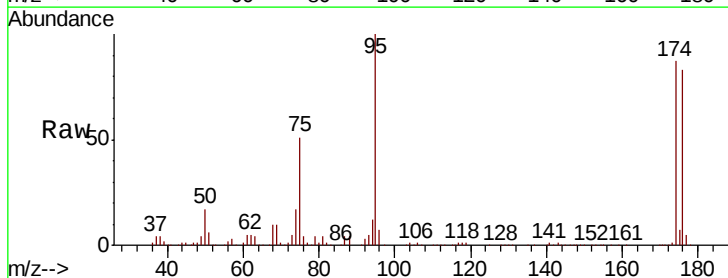
Acq: 12 Jul 2019 12:56

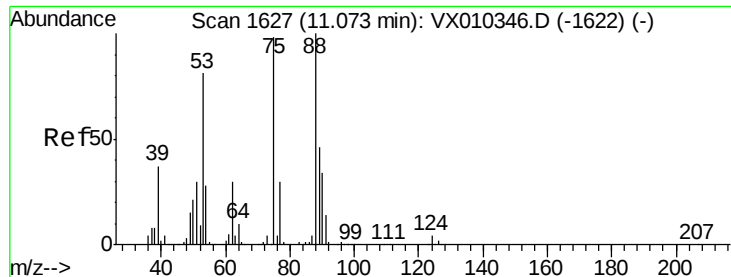
Tgt Ion: 75 Resp: 67795

Ion Ratio Lower Upper

75 100

77 1.3 22.6 67.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 60.972 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010830.D

Acq: 12 Jul 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2019-3

Tot Ion: 75 Resp: 67795

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.0 37.8 56.6#

