

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
 Data File : VX011794.D
 Acq On : 23 Aug 2019 13:43
 Operator : JC/SP
 Sample : K4388-01
 Misc : 6.98g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

Quant Time: Aug 26 01:53:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	612347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	309442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	199272	43.18	ug/l	0.00
Spiked Amount			Recovery	=	86.36%	
35) Dibromofluoromethane	5.49	113	169213	42.73	ug/l	0.00
Spiked Amount			Recovery	=	85.46%	
50) Toluene-d8	8.71	98	672411	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	251377	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	

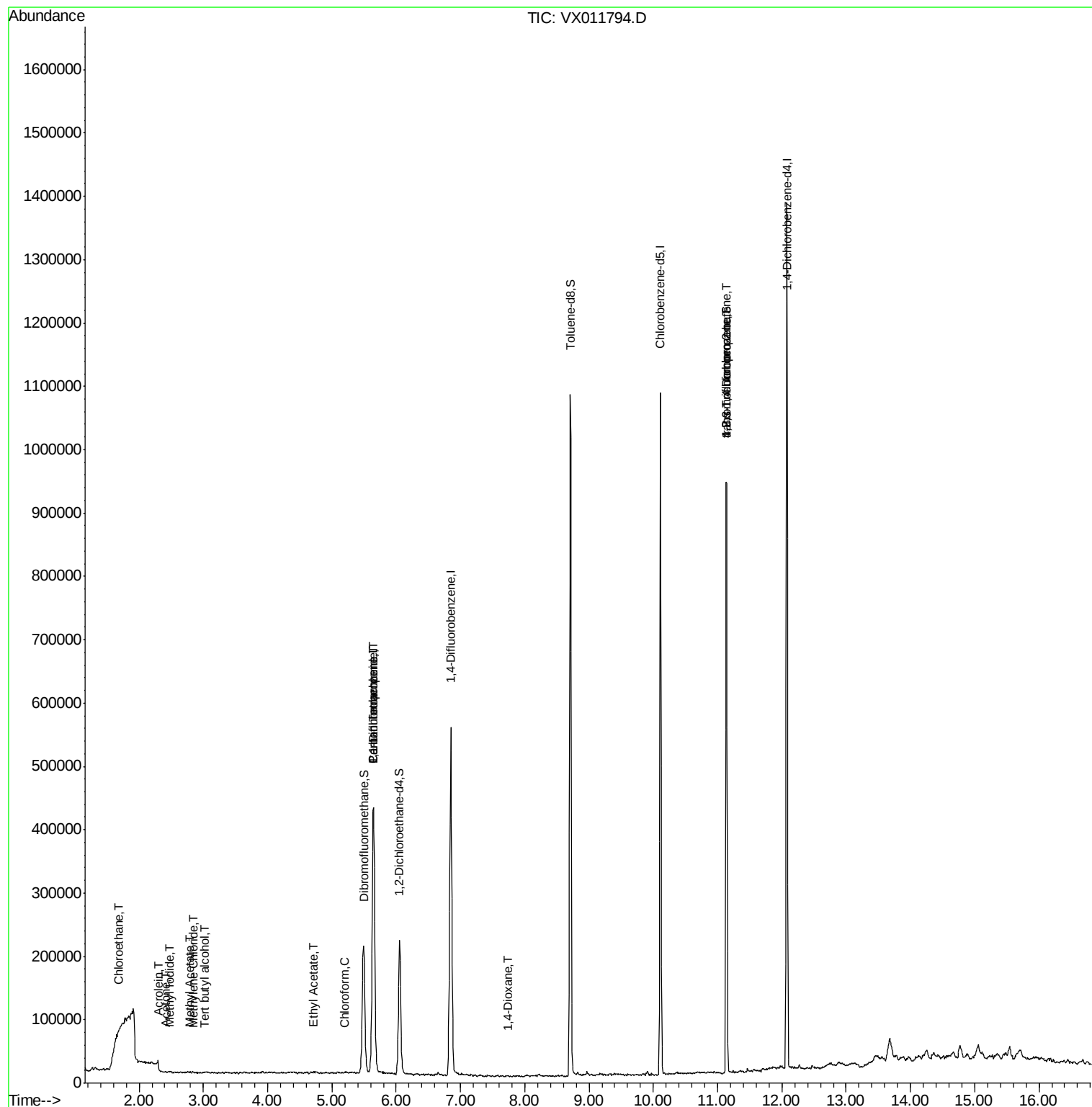
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	477	0.217	ug/l #	12
10) Methyl Iodide	2.48	142	1059	0.234	ug/l	95
11) Tert butyl alcohol	3.02	59	354	0.388	ug/l #	1
13) Acrolein	2.29	56	503	1.427	ug/l #	16
16) Acetone	2.42	43	651	0.324	ug/l	94
18) Methyl Acetate	2.79	43	1384	0.254	ug/l #	75
20) Methylene Chloride	2.85	84	1331	0.324	ug/l #	28
30) Chloroform	5.20	83	1521	0.217	ug/l	97
36) 1,1-Dichloropropene	5.64	75	24837	5.172	ug/l #	53
37) Ethyl Acetate	4.71	43	1877	0.369	ug/l #	70
38) Carbon Tetrachloride	5.65	117	39342	7.229	ug/l #	16
49) 1,4-Dioxane	7.74	88	295	2.601	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	110994	20.442	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	110994	61.648	ug/l #	11

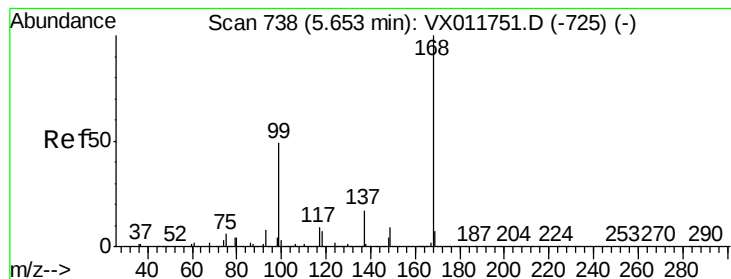
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

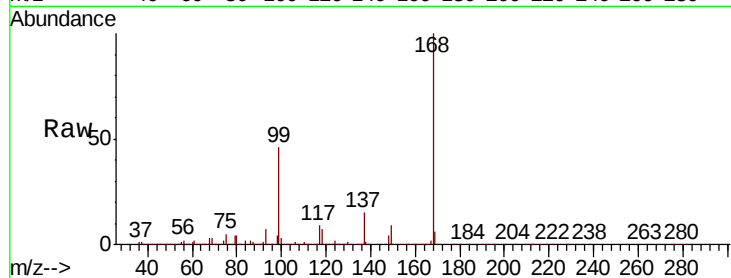
T4-B3-(0)

Tgt Ion:168 Resp: 459433

Ion Ratio Lower Upper

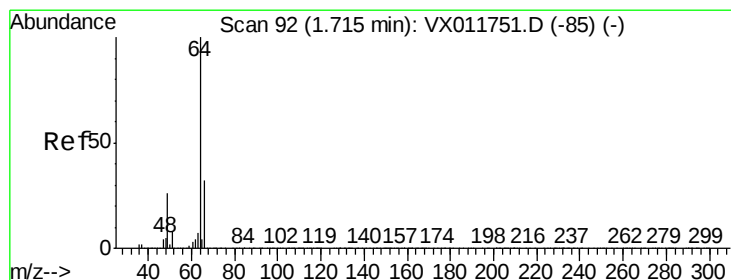
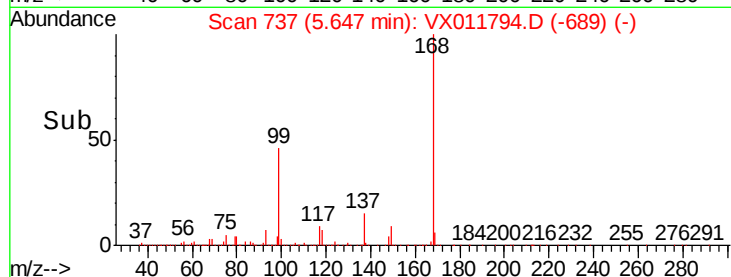
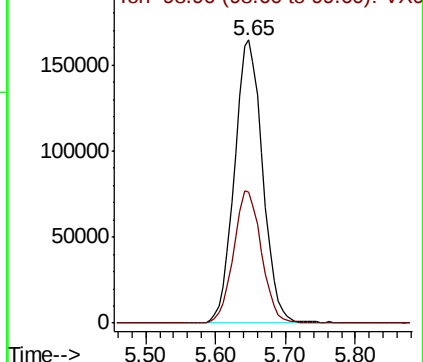
168 100

99 46.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.217 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX011794.D

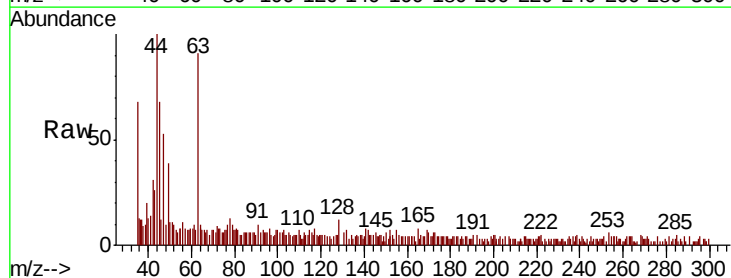
Acq: 23 Aug 2019 13:43

Tgt Ion: 64 Resp: 477

Ion Ratio Lower Upper

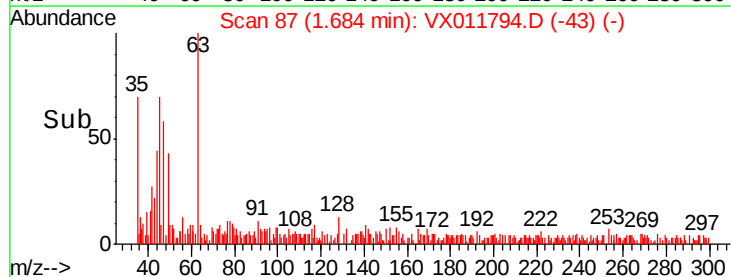
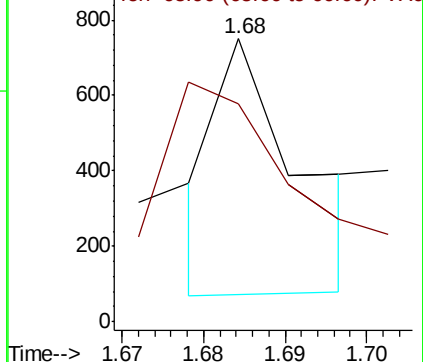
64 100

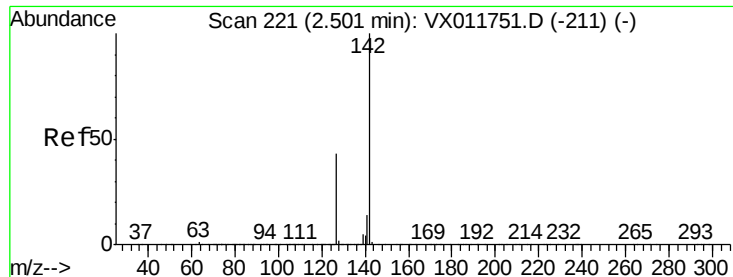
66 79.3 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

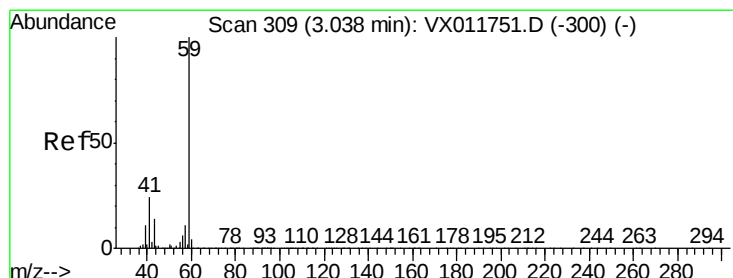
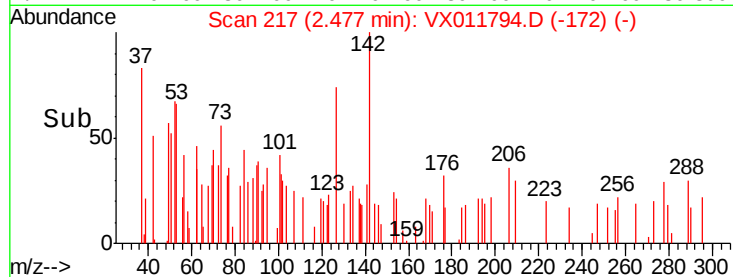
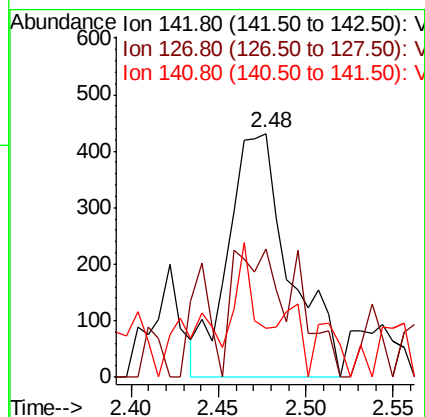
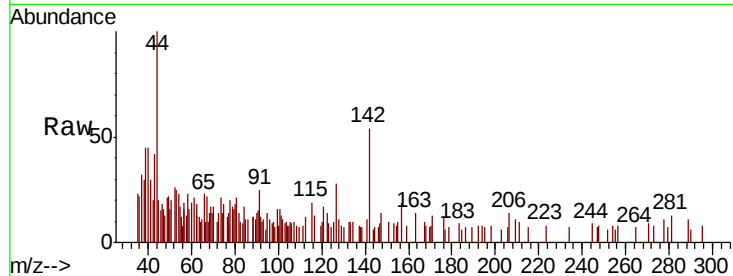




#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.02 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

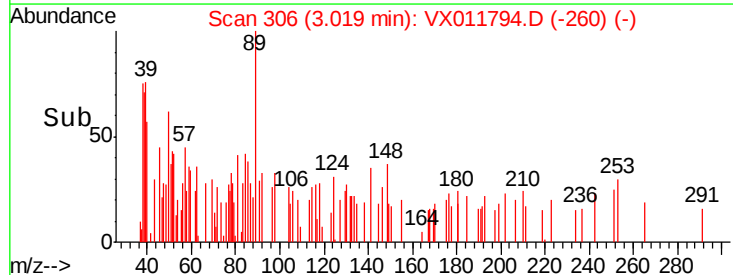
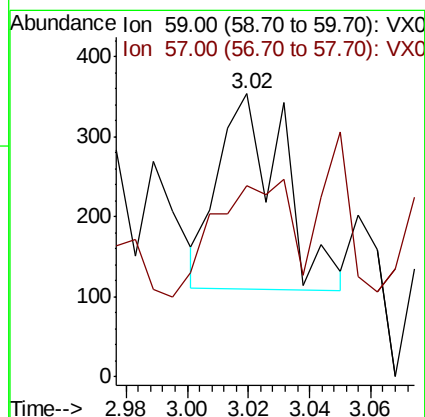
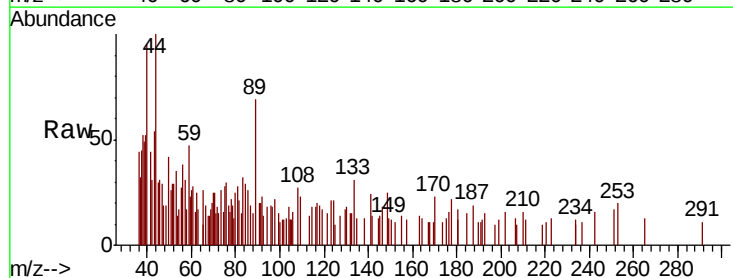
Instrument :
MSVOA_X
ClientSampled :
T4-B3-(0)

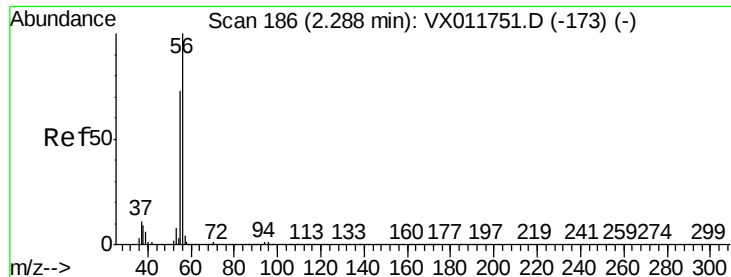
Tgt Ion:142 Resp: 1059
Ion Ratio Lower Upper
142 100
127 37.9 33.5 50.3
141 14.4 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.388 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 69.8 8.4 12.6#





#13

Acrolein

Concen: 1.427 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

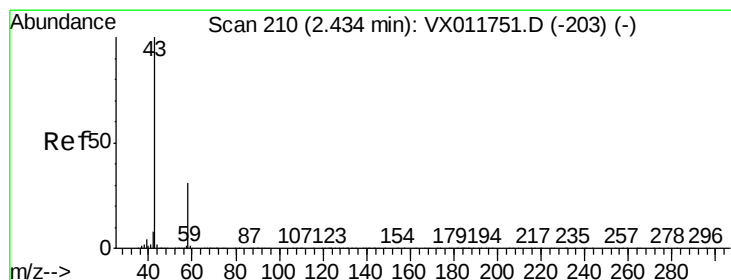
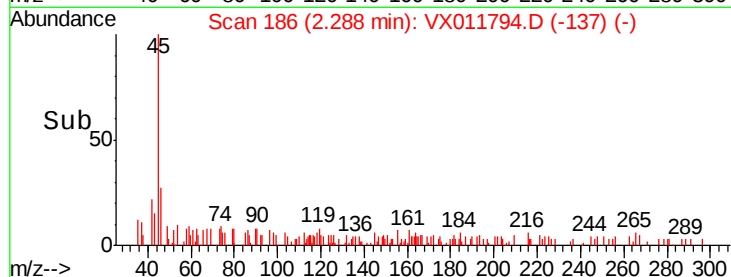
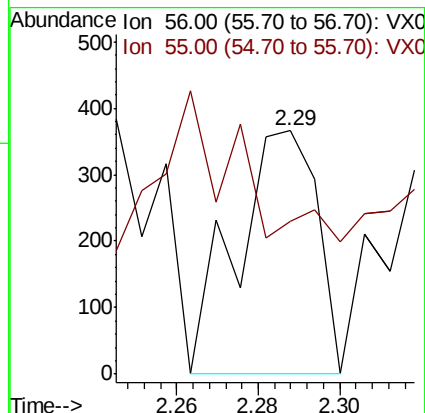
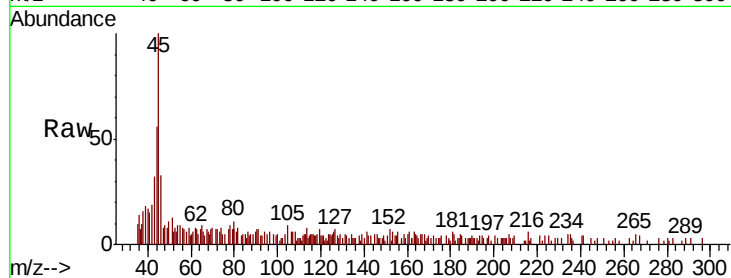
T4-B3-(0)

Tgt Ion: 56 Resp: 503

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#16

Acetone

Concen: 0.324 ug/l

RT: 2.42 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX011794.D

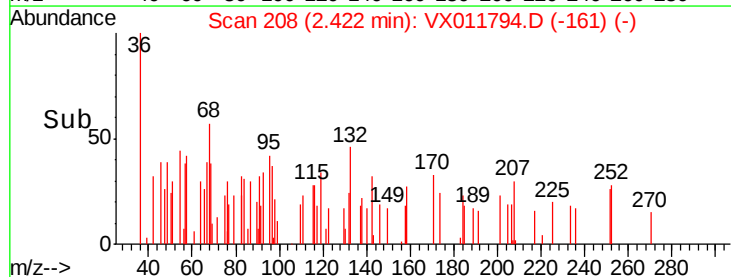
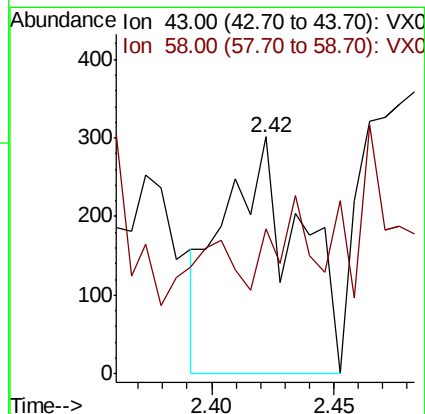
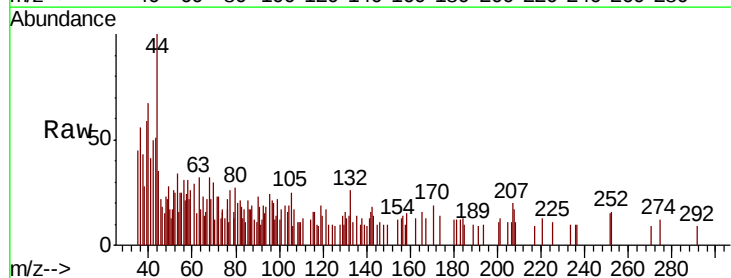
Acq: 23 Aug 2019 13:43

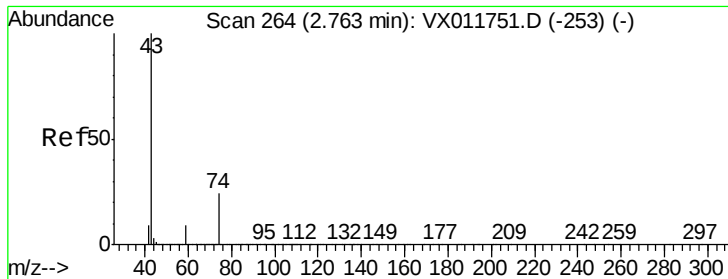
Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 33.9 24.4 36.6





#18

Methyl Acetate

Concen: 0.254 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.02 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

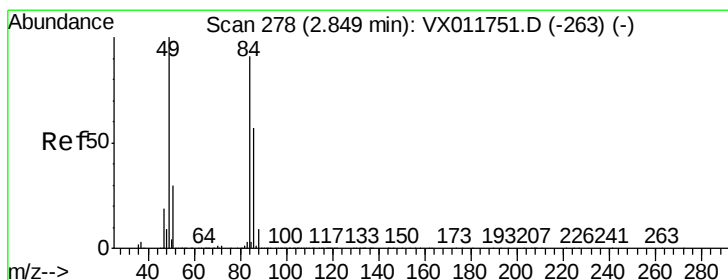
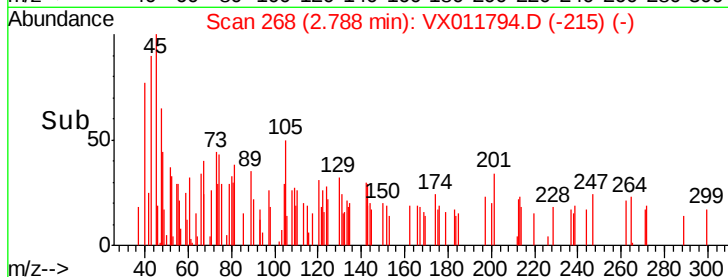
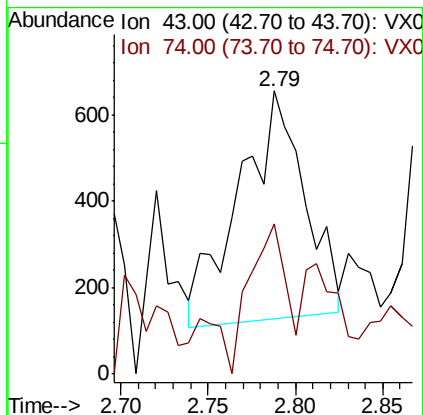
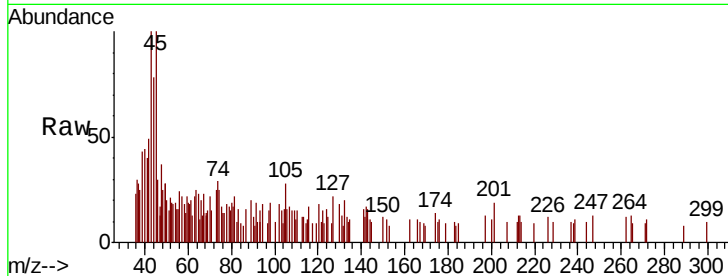
T4-B3-(0)

Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

74 36.7 19.5 29.3#



#20

Methylene Chloride

Concen: 0.324 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Tgt Ion: 84 Resp: 1331

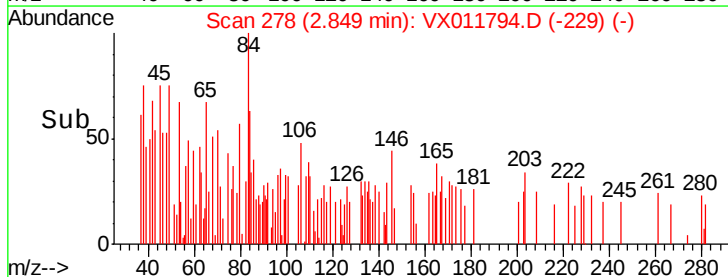
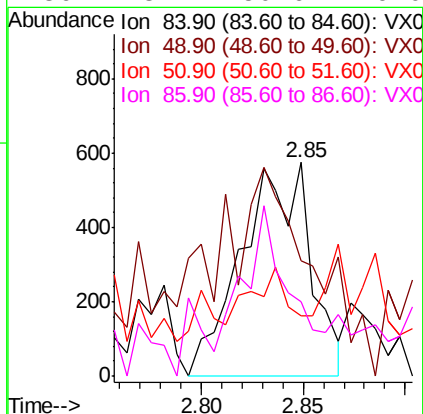
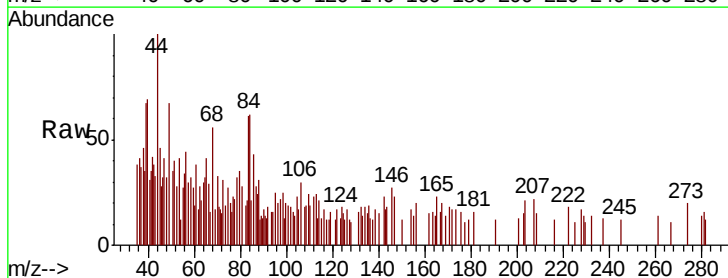
Ion Ratio Lower Upper

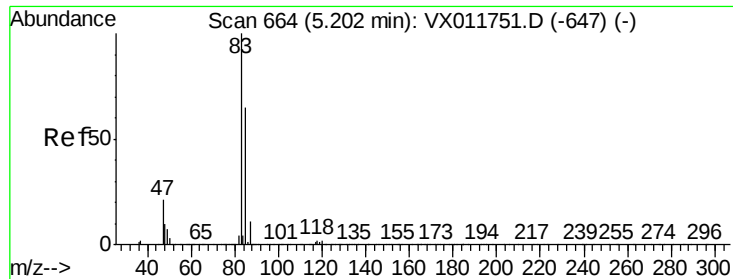
84 100

49 0.0 88.3 132.5#

51 39.7 26.2 39.2#

86 28.2 50.6 76.0#

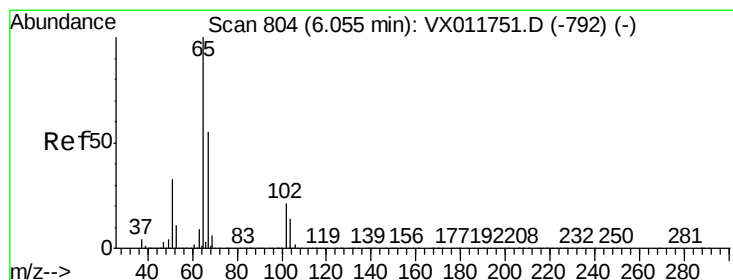
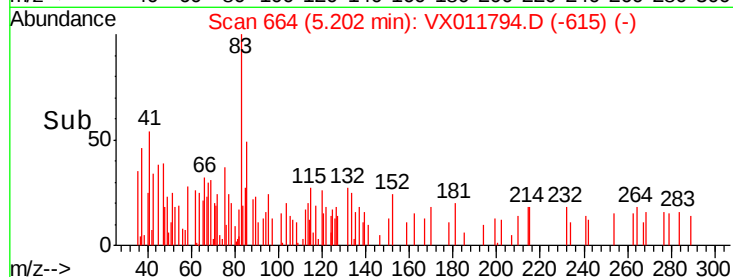
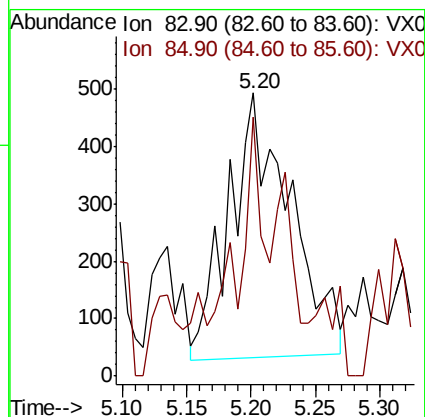
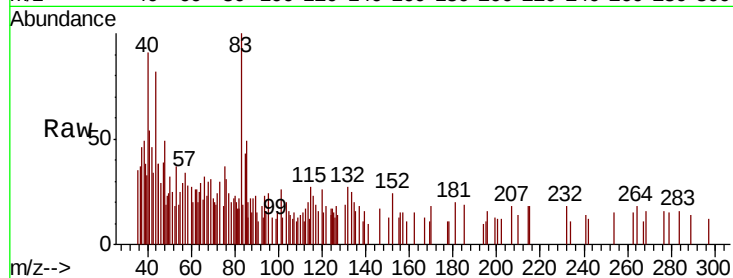




#30
Chloroform
Concen: 0.217 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

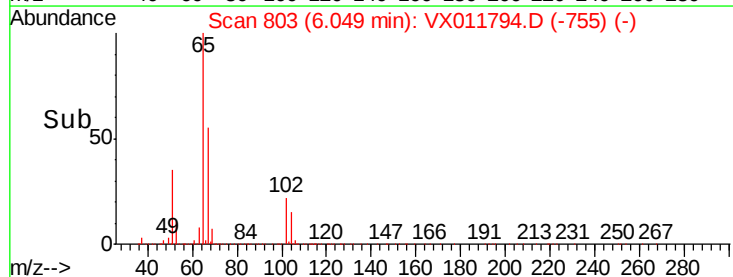
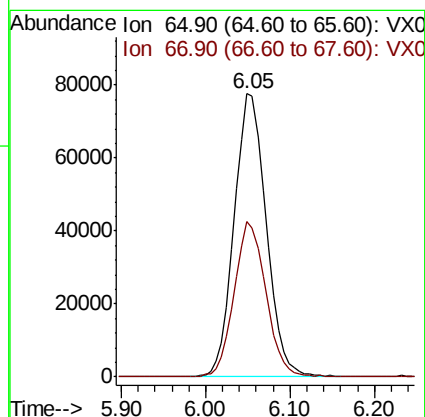
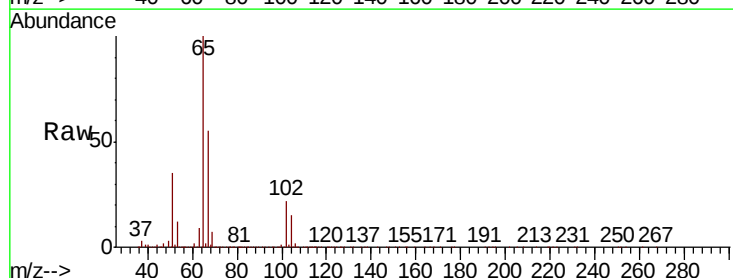
Instrument :
MSVOA_X
ClientSampled :
T4-B3-(0)

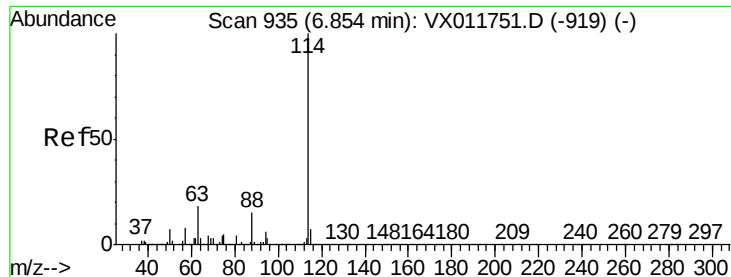
Tgt Ion: 83 Resp: 1521
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 43.177 ug/l
RT: 6.05 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

Tgt Ion: 65 Resp: 199272
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

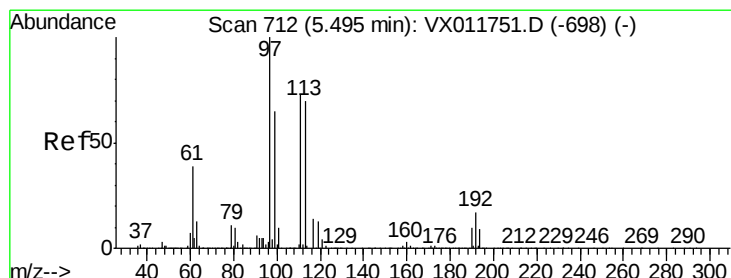
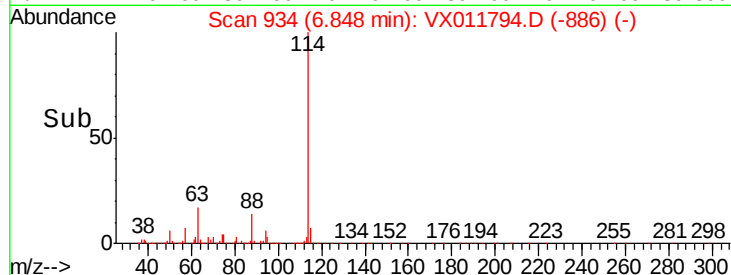
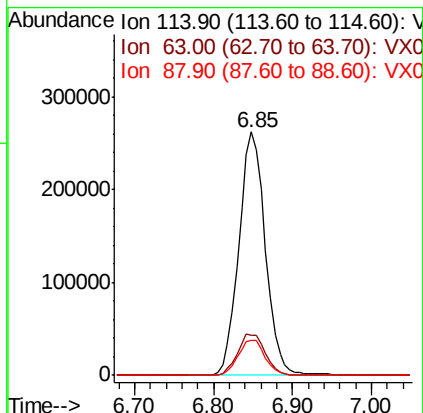
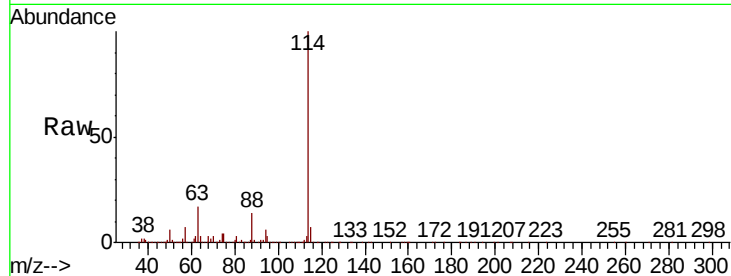
Instrument :

MSVOA_X

ClientSampleId :

T4-B3-(0)

Tgt Ion:	114	Resp:	612347
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	36.8
88	14.4	0.0	30.2



#35

Dibromofluoromethane

Concen: 42.734 ug/l

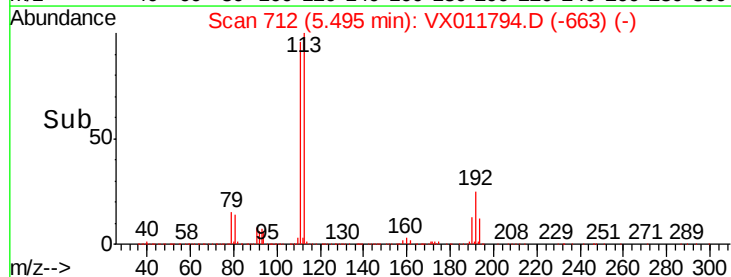
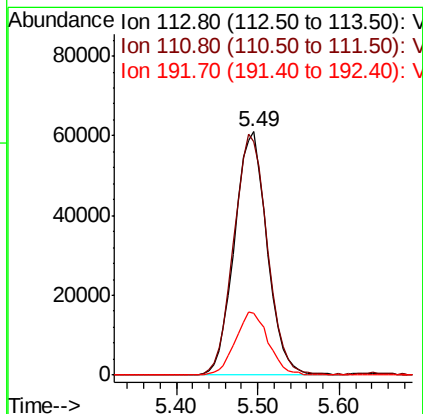
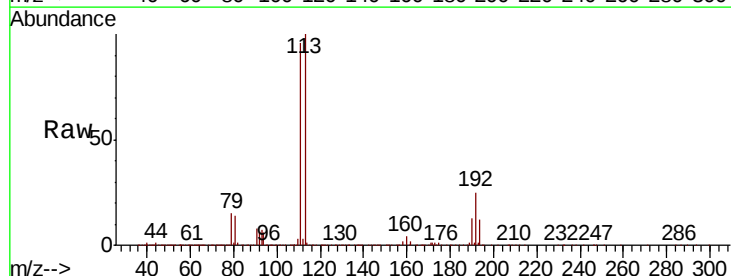
RT: 5.49 min Scan# 712

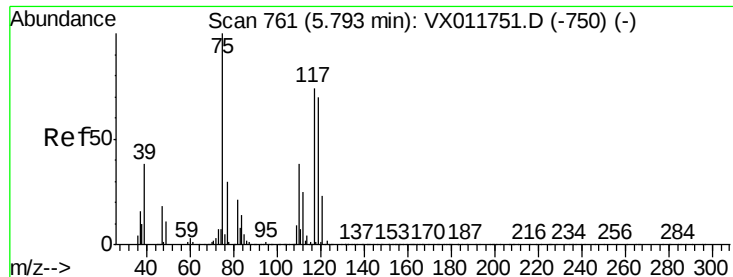
Delta R.T. -0.00 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Tgt Ion:	113	Resp:	169213
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.4
192	26.2	19.9	29.9

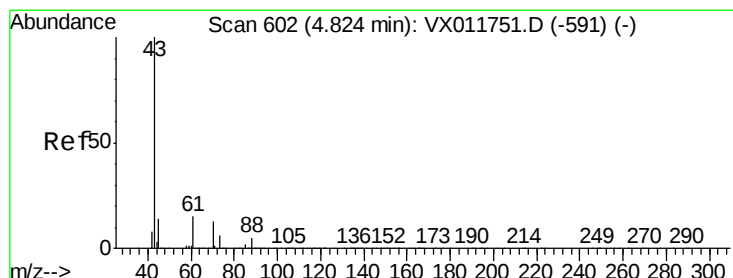
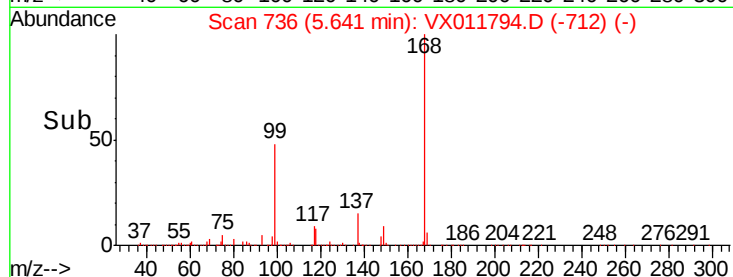
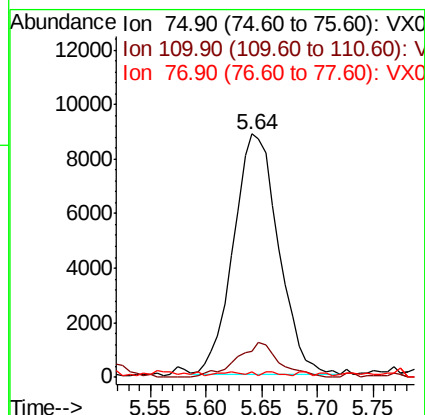
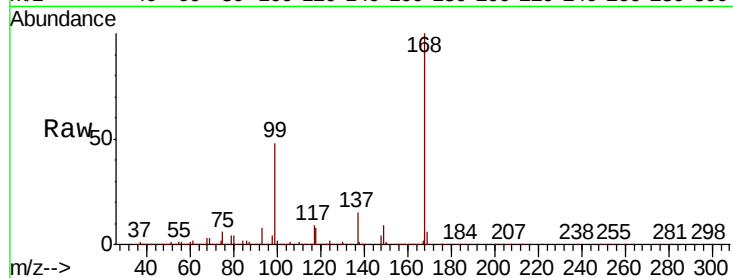




#36
 1,1-Dichloropropene
 Concen: 5.172 ug/l
 RT: 5.64 min Scan# 736
 Delta R.T. -0.15 min
 Lab File: VX011794.D
 Acq: 23 Aug 2019 13:43

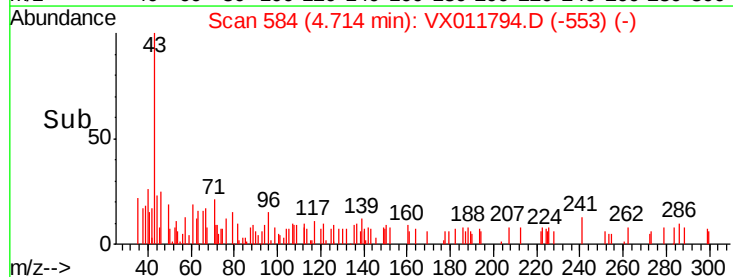
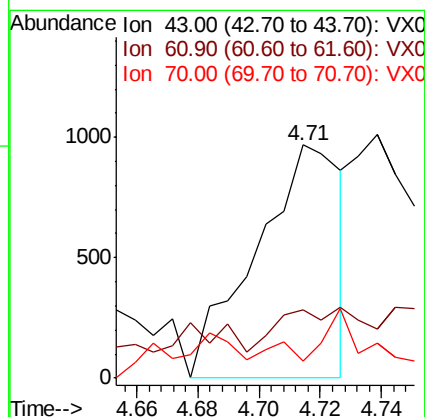
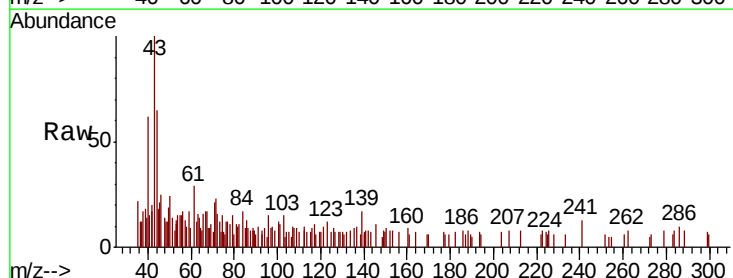
Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

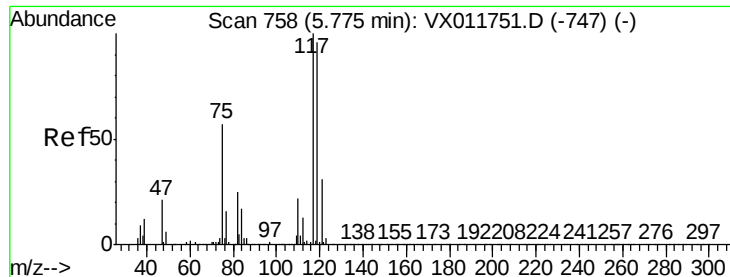
Tgt Ion: 75 Resp: 24837
 Ion Ratio Lower Upper
 75 100
 110 13.5 19.0 57.0#
 77 0.6 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.369 ug/l
 RT: 4.71 min Scan# 584
 Delta R.T. -0.11 min
 Lab File: VX011794.D
 Acq: 23 Aug 2019 13:43

Tgt Ion: 43 Resp: 1877
 Ion Ratio Lower Upper
 43 100
 61 33.1 11.5 17.3#
 70 16.4 9.5 14.3#





#38

Carbon Tetrachloride

Concen: 7.229 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

T4-B3-(0)

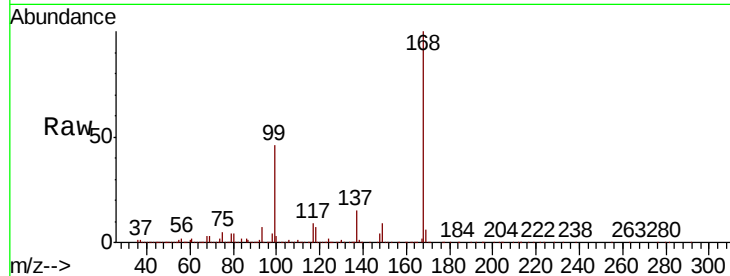
Tgt Ion:117 Resp: 39342

Ion Ratio Lower Upper

117 100

119 4.6 76.6 114.8#

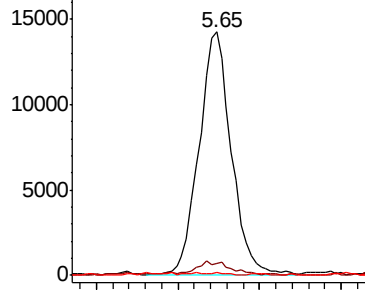
121 0.3 25.2 37.8#



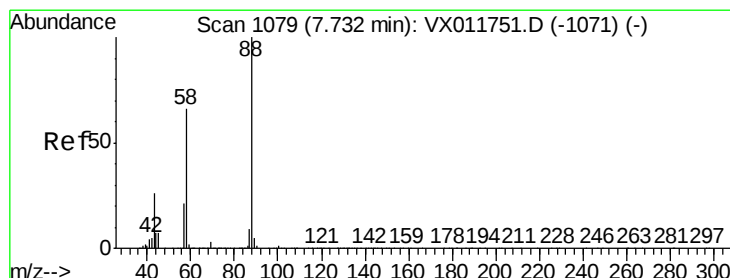
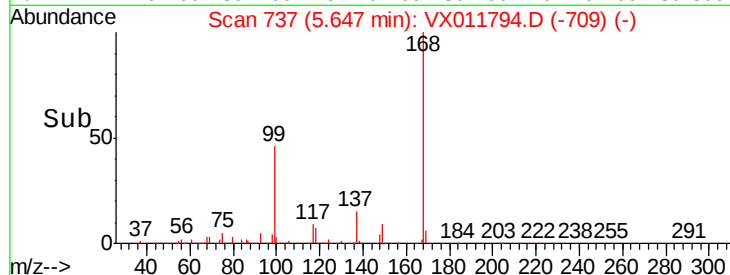
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#49

1,4-Dioxane

Concen: 2.601 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

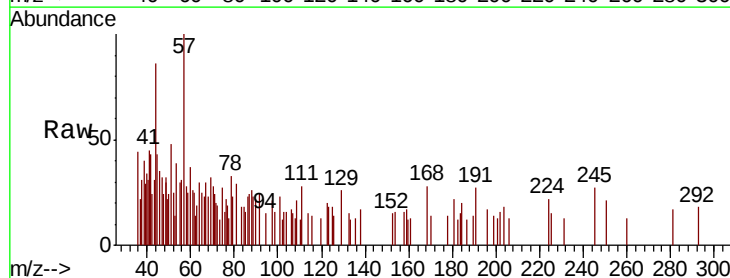
Tgt Ion: 88 Resp: 295

Ion Ratio Lower Upper

88 100

43 0.0 24.6 37.0#

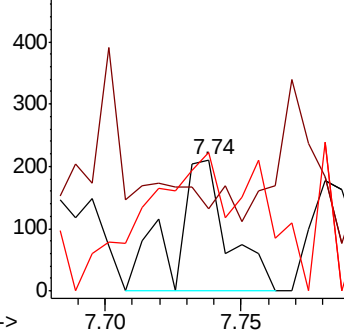
58 168.1 51.4 77.2#



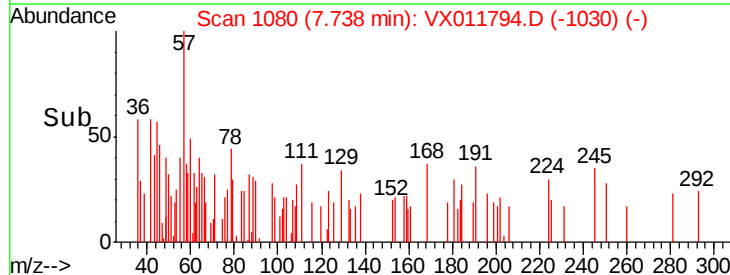
Abundance Ion 88.00 (87.70 to 88.70): VX0

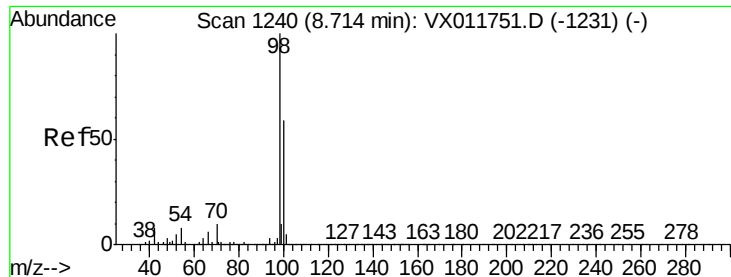
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#50

Toluene-d8

Concen: 48.685 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

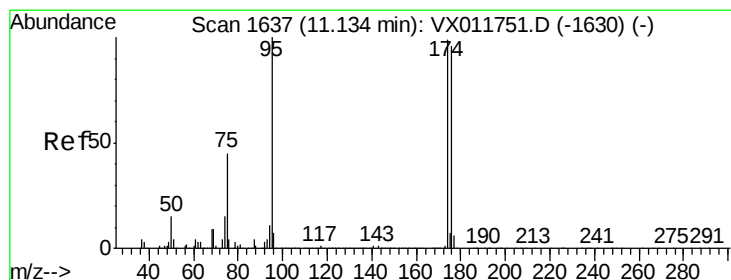
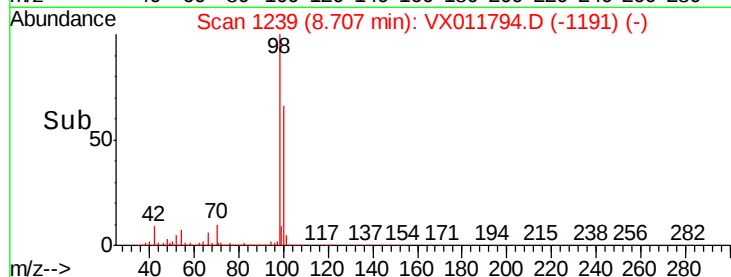
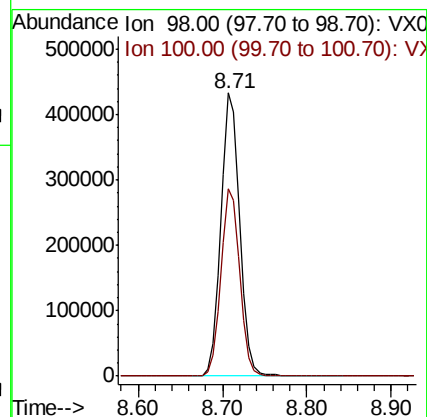
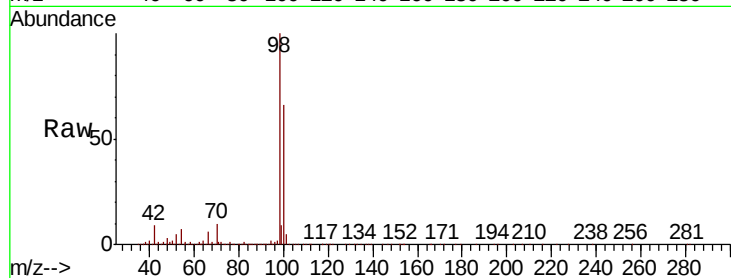
T4-B3-(0)

Tgt Ion: 98 Resp: 672411

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

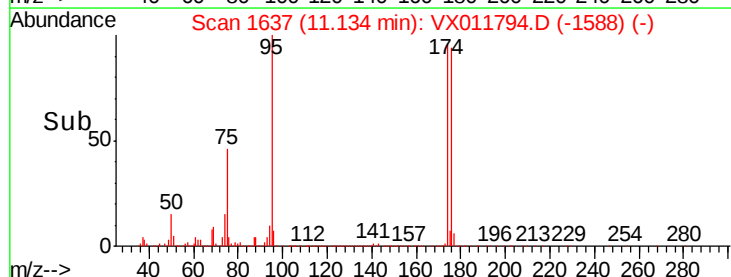
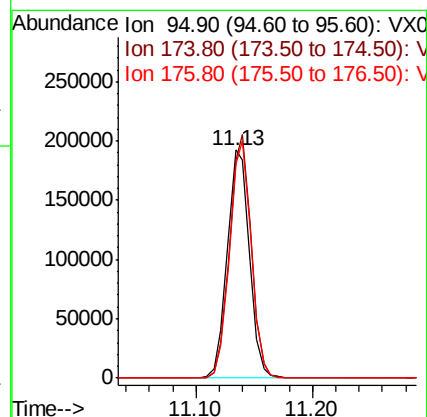
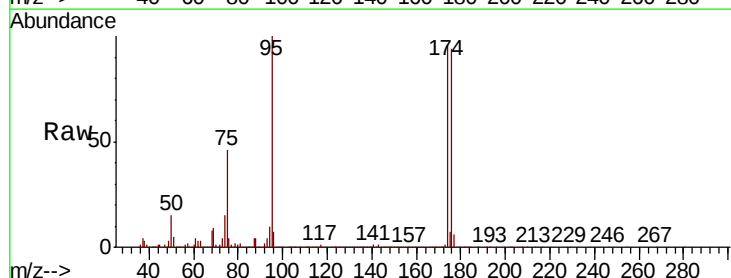
Tgt Ion: 95 Resp: 251377

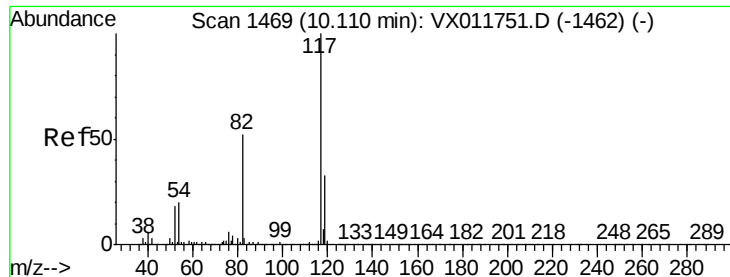
Ion Ratio Lower Upper

95 100

174 104.8 0.0 197.4

176 102.1 0.0 194.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

T4-B3-(0)

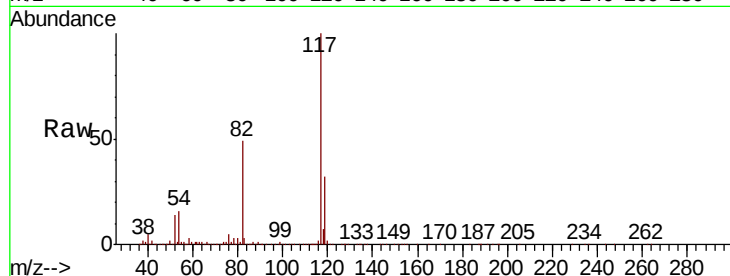
Tgt Ion:117 Resp: 545719

Ion Ratio Lower Upper

117 100

82 49.4 41.7 62.5

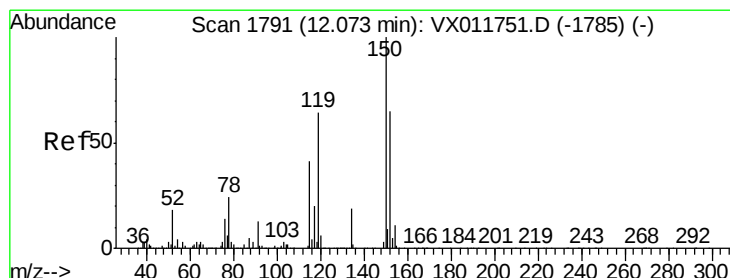
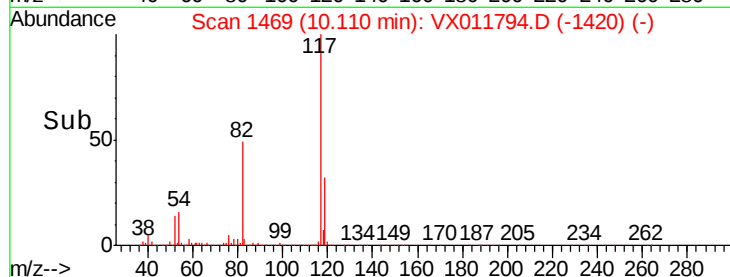
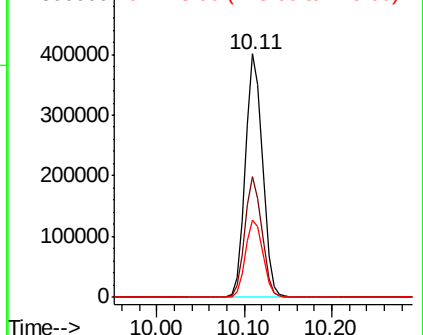
119 31.9 26.2 39.2



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. 0.01 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

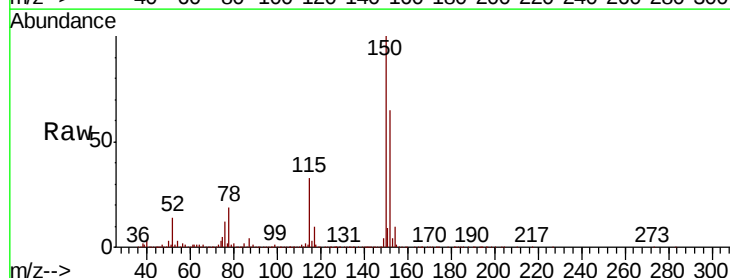
Tgt Ion:152 Resp: 309442

Ion Ratio Lower Upper

152 100

115 52.7 37.3 111.8

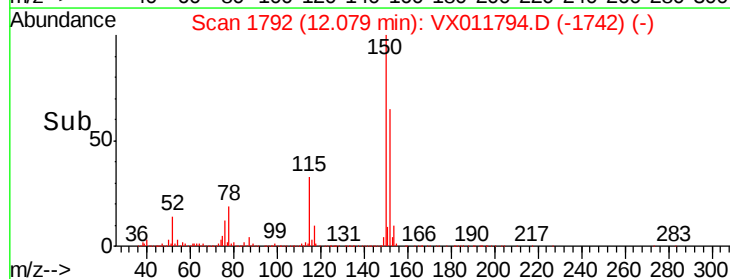
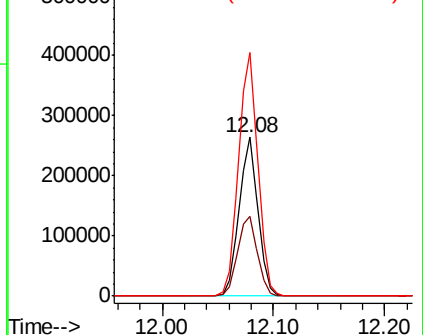
150 157.4 0.0 343.0

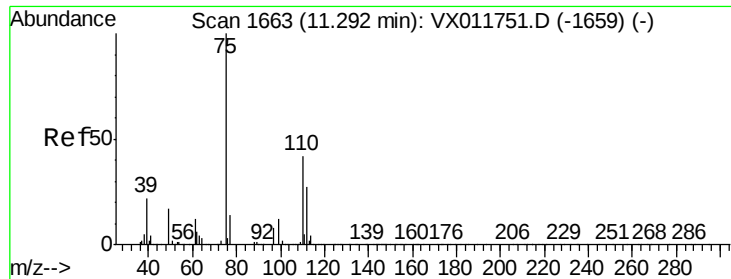


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

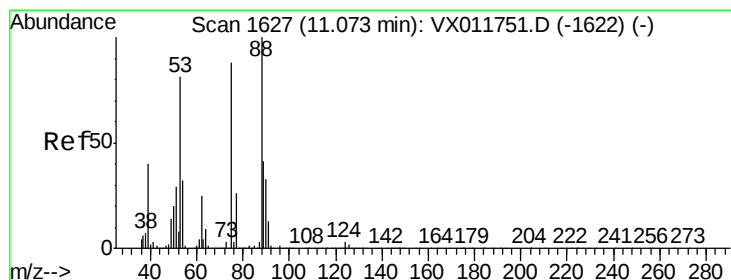
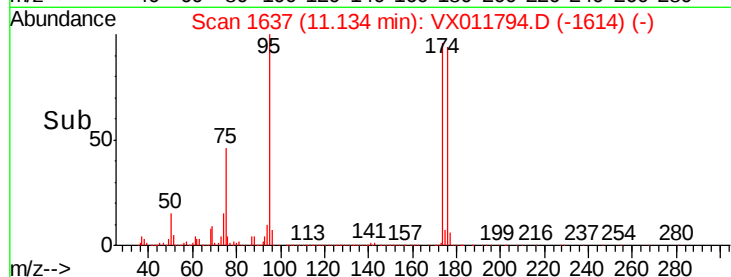
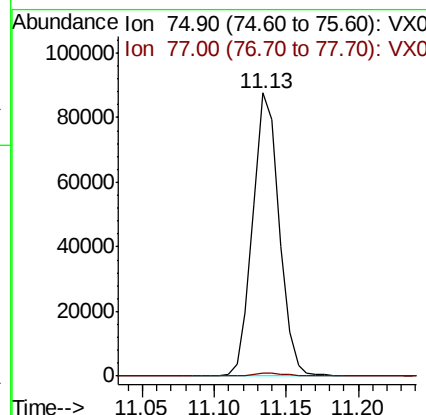
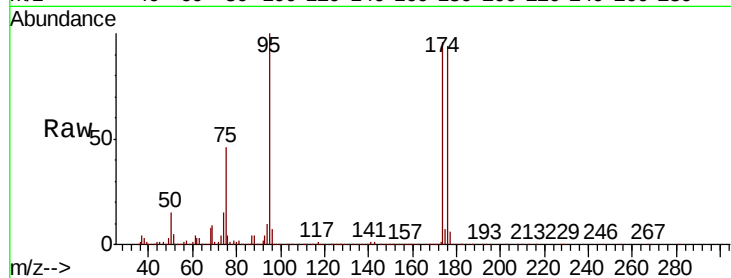




#76
 1,2,3-Trichloropropane
 Concen: 20.442 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011794.D
 Acq: 23 Aug 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

Tgt Ion: 75 Resp: 110994
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.1 63.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.648 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011794.D
 Acq: 23 Aug 2019 13:43

Tgt Ion: 75 Resp: 110994
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.1 115.7#
 89 0.1 38.5 57.7#

