

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012102.D
 Acq On : 05 Sep 2019 15:47
 Operator : SY/SP
 Sample : K4563-01
 Misc : 7.08g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

Quant Time: Sep 06 05:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106691	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.48	113	80297	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	319560	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	115539	39.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.16	85	2560	1.766 ug/l	96
4) Vinyl Chloride	1.39	62	22773	16.305 ug/l	98
10) Methyl Iodide	2.48	142	42	7.010 ug/l #	40
11) Tert butyl alcohol	3.03	59	4740	22.752 ug/l #	73
13) Acrolein	2.23	56	499	Below Cal #	12
14) Allyl chloride	2.87	41	81216	28.997 ug/l #	60
15) Acrylonitrile	3.17	53	3321	7.050 ug/l #	45
16) Acetone	2.43	43	34561	66.665 ug/l	98
17) Carbon Disulfide	2.56	76	5394	1.192 ug/l #	94
18) Methyl Acetate	2.83	43	25384	20.785 ug/l #	51
20) Methylene Chloride	2.84	84	5138	2.468 ug/l #	79
24) 1,1-Dichloroethane	3.69	63	5301	1.601 ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	3418	1.605 ug/l	92
31) Cyclohexane	5.57	56	27410	10.308 ug/l	94
36) 1,1-Dichloropropene	5.64	75	14533	5.899 ug/l #	49
38) Carbon Tetrachloride	5.64	117	18605	7.167 ug/l #	14
39) Methylcyclohexane	7.45	83	40849	14.286 ug/l	94
43) Isopropyl Acetate	6.33	43	34596	12.700 ug/l #	60
48) Methyl methacrylate	7.73	41	1863	1.360 ug/l #	62
49) 1,4-Dioxane	7.65	88	20	1.071 ug/l #	2
51) 4-Methyl-2-Pentanone	8.66	43	4030	2.909 ug/l #	36
52) Toluene	8.78	92	31897	6.931 ug/l	96
55) 1,1,2-Trichloroethane	9.16	97	12324	8.081 ug/l #	19
56) Ethyl methacrylate	9.17	69	2736	1.252 ug/l #	1
59) 2-Hexanone	9.44	43	15485	15.316 ug/l #	31
67) Ethyl Benzene	10.25	91	18868	2.294 ug/l	91
68) m/p-Xylenes	10.36	106	18226	6.013 ug/l	91
69) o-Xylene	10.70	106	13102	4.458 ug/l	98
73) Isopropylbenzene	11.01	105	7469	1.164 ug/l	96
74) N-amyl acetate	10.90	43	20926	11.030 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	7500	5.607 ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	62030	58.050 ug/l #	32
80) 1,3,5-Trimethylbenzene	11.50	105	10947	1.947 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	62030	137.240 ug/l #	11

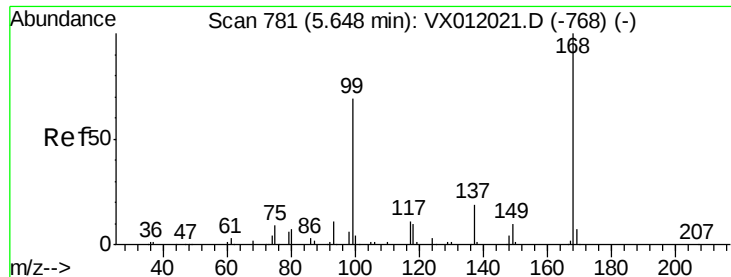
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012102.D
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Operator : SY/SP
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	15117	2.616	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.98	75	320	1.143	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.60	180	3011	1.633	ug/l #	61
96) 1,2,3-Trichlorobenzene	14.03	180	17682	10.903	ug/l #	49

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

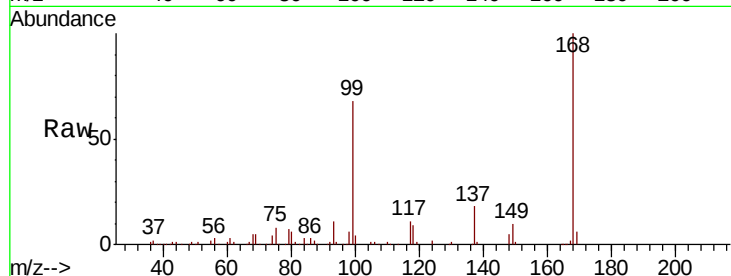
CIW-6S-(0-4)

Tgt Ion:168 Resp: 157194

Ion Ratio Lower Upper

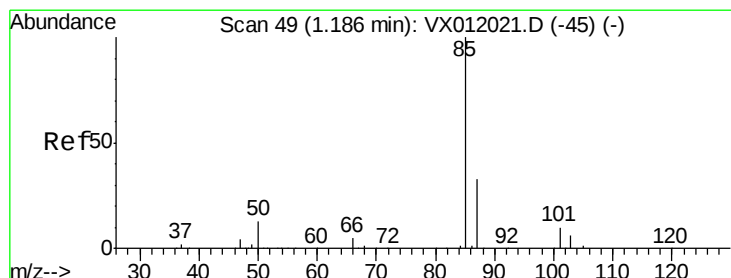
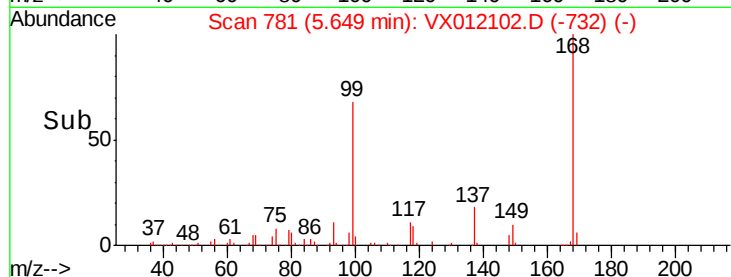
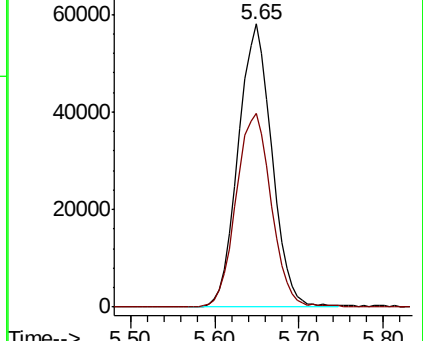
168 100

99 68.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.766 ug/l

RT: 1.16 min Scan# 45

Delta R.T. -0.02 min

Lab File: VX012102.D

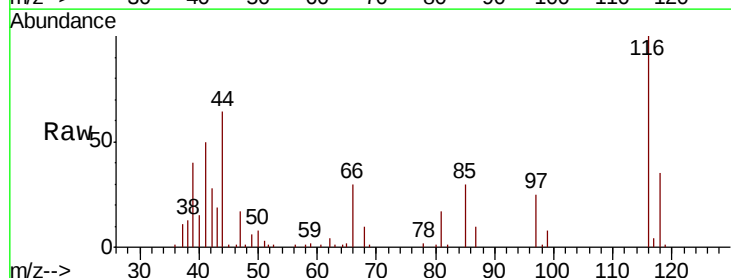
Acq: 05 Sep 2019 15:47

Tgt Ion: 85 Resp: 2560

Ion Ratio Lower Upper

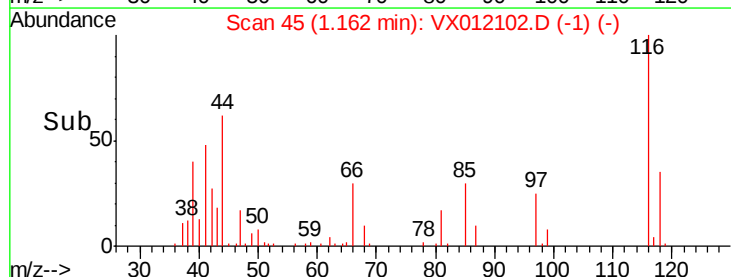
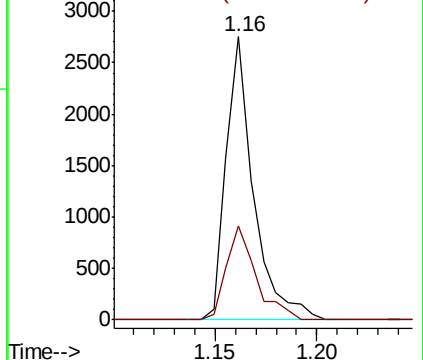
85 100

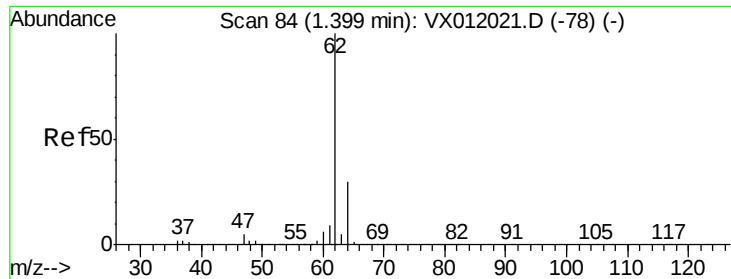
87 33.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 16.305 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

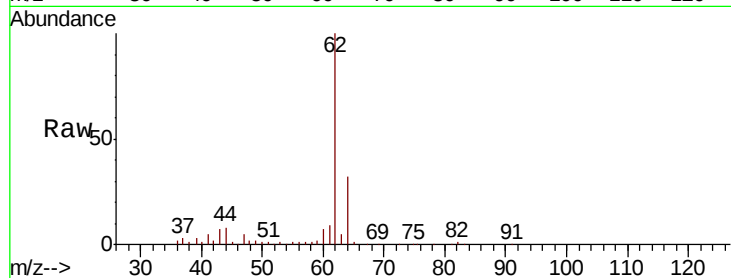
CIW-6S-(0-4)

Tgt Ion: 62 Resp: 22773

Ion Ratio Lower Upper

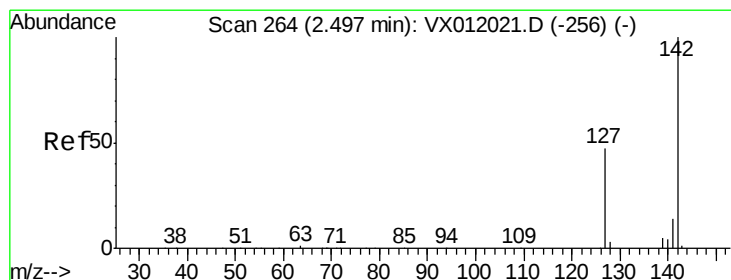
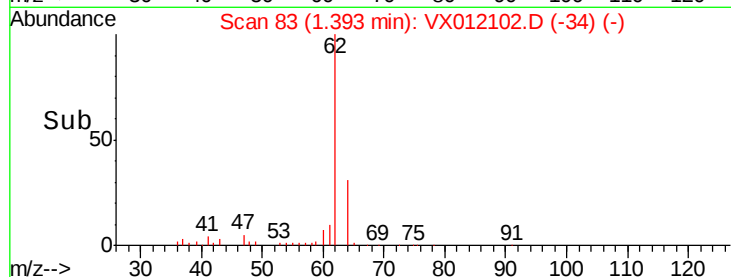
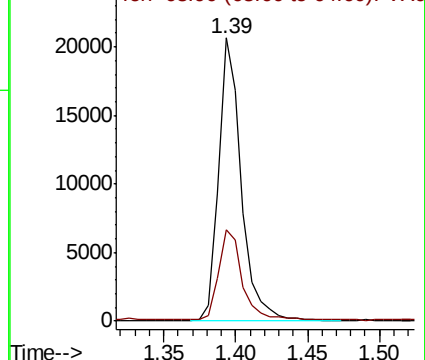
62 100

64 31.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#10

Methyl Iodide

Concen: 7.010 ug/l

RT: 2.48 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

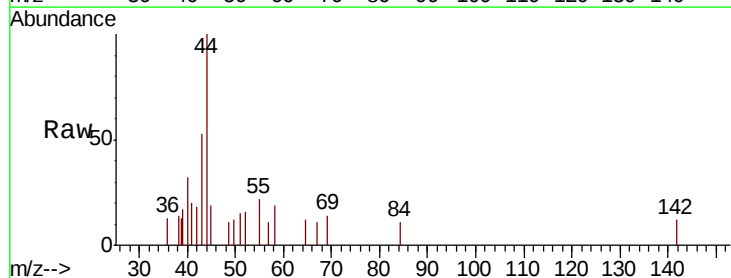
Tgt Ion: 142 Resp: 42

Ion Ratio Lower Upper

142 100

127 0.0 35.4 53.2#

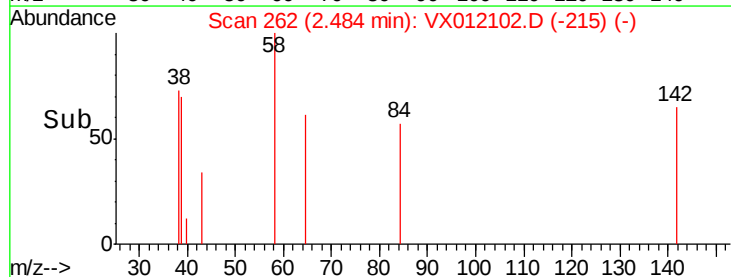
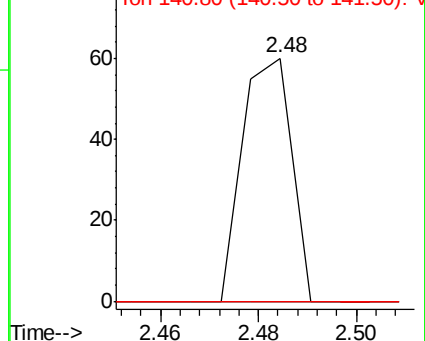
141 0.0 11.4 17.2#

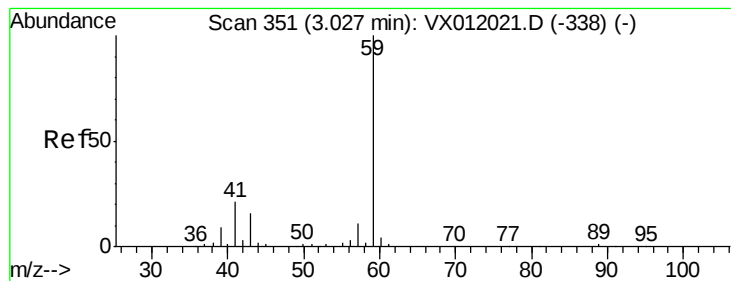


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 22.752 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

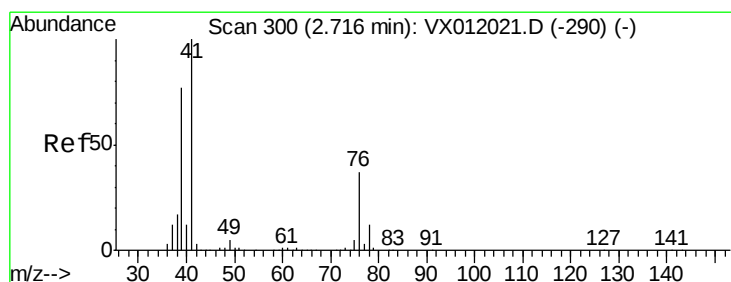
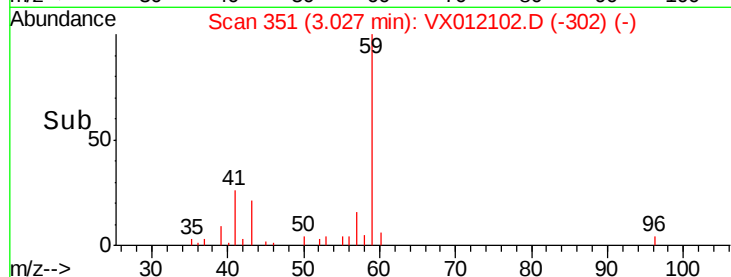
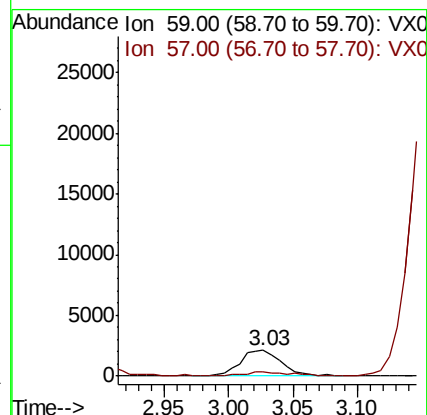
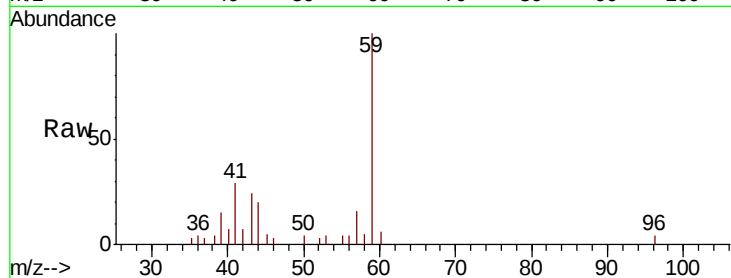
CIW-6S-(0-4)

Tgt Ion: 59 Resp: 4740

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#14

Allyl chloride

Concen: 28.997 ug/l

RT: 2.87 min Scan# 326

Delta R.T. 0.16 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

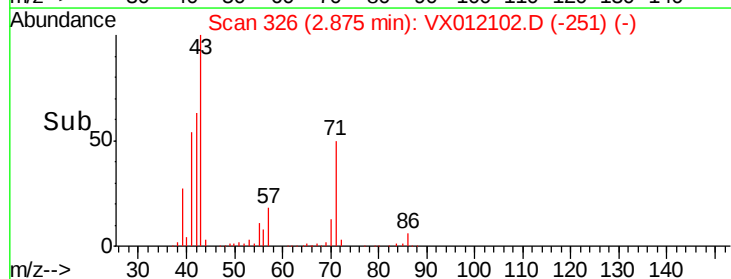
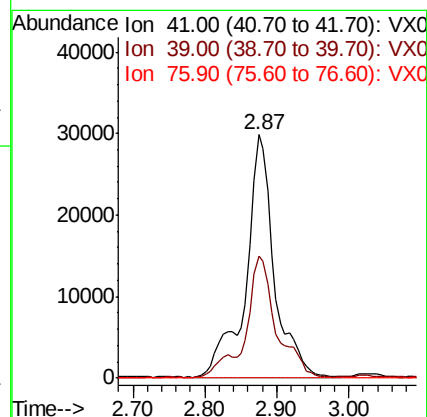
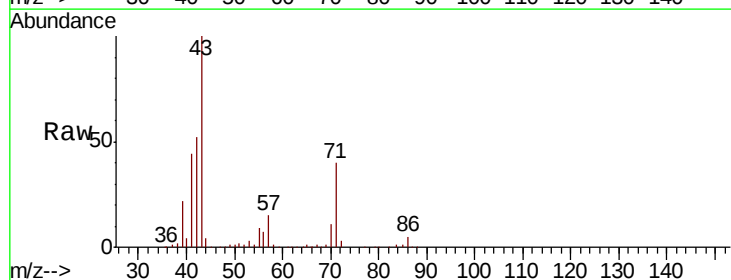
Tgt Ion: 41 Resp: 81216

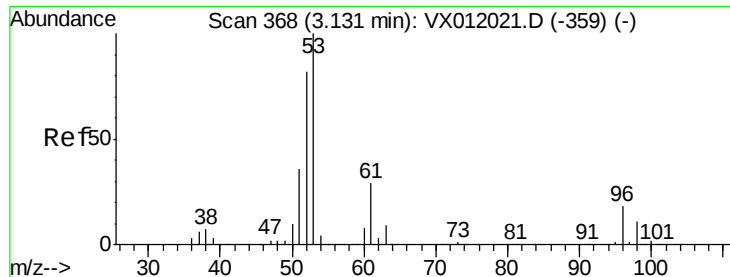
Ion Ratio Lower Upper

41 100

39 47.7 57.9 86.9#

76 0.0 28.5 42.7#

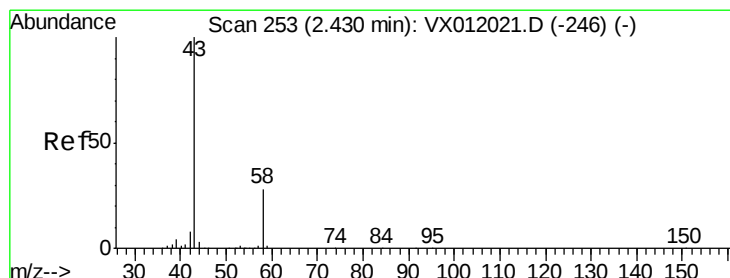
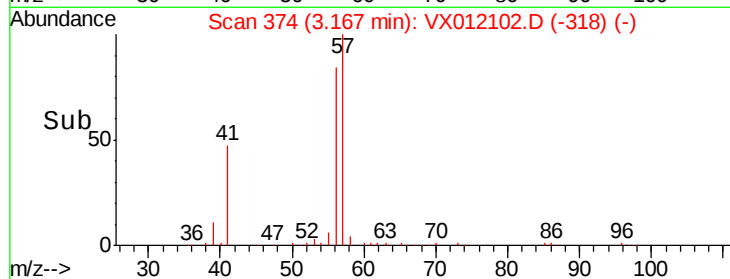
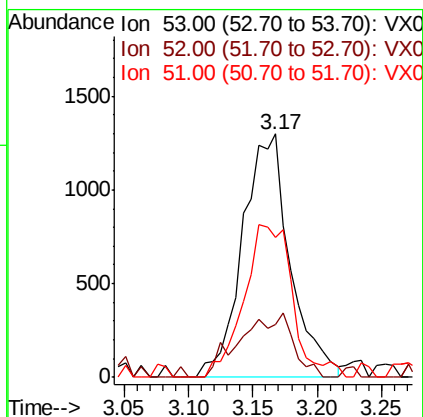
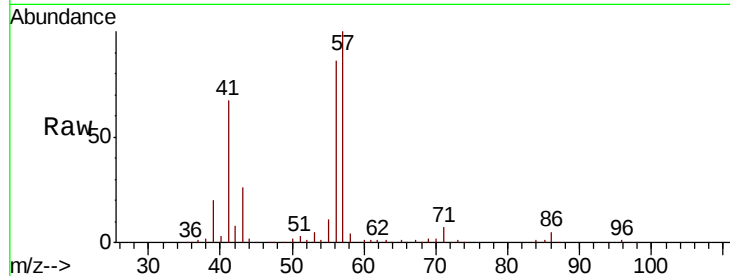




#15
 Acrylonitrile
 Concen: 7.050 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.04 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

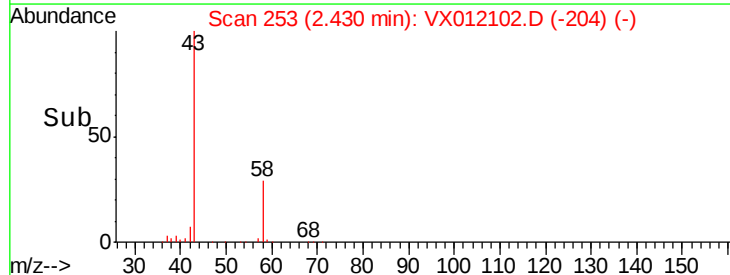
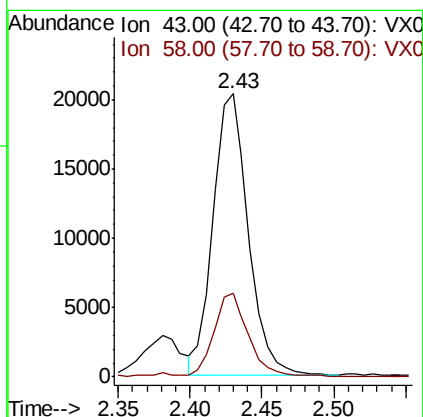
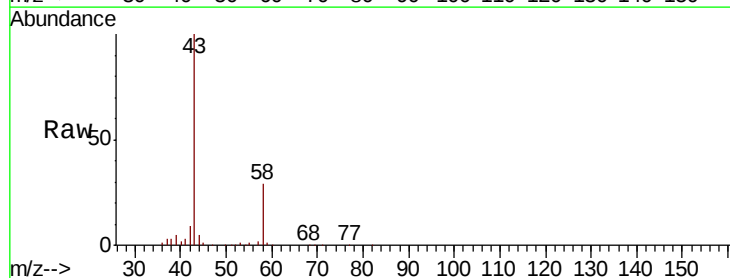
Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

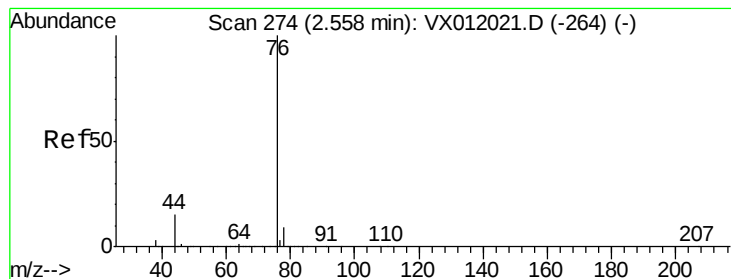
Tgt Ion: 53 Resp: 3321
 Ion Ratio Lower Upper
 53 100
 52 29.1 65.6 98.4#
 51 64.2 29.8 44.6#



#16
 Acetone
 Concen: 66.665 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Tgt Ion: 43 Resp: 34561
 Ion Ratio Lower Upper
 43 100
 58 29.4 22.8 34.2





#17

Carbon Disulfide

Concen: 1.192 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

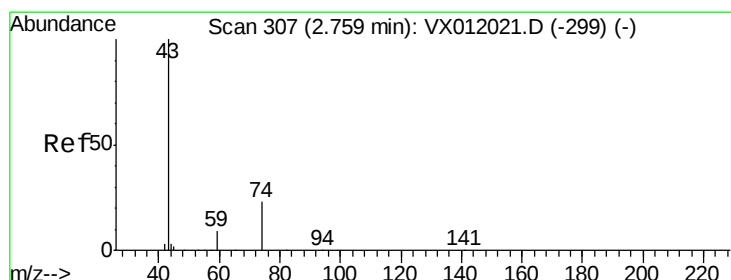
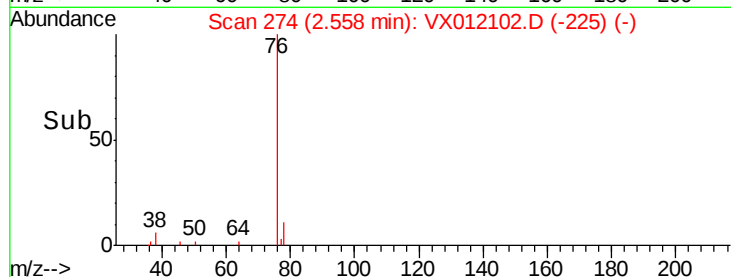
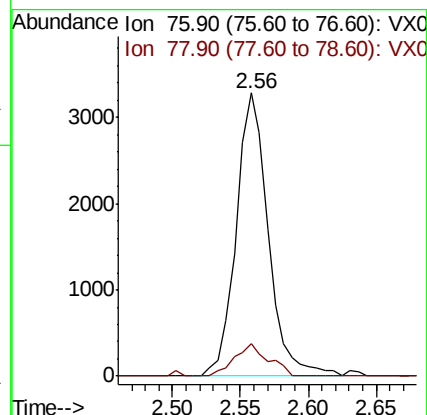
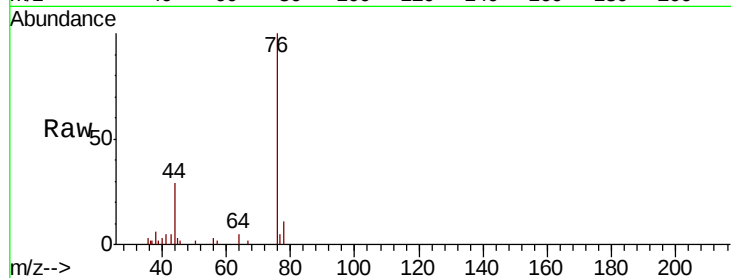
CIW-6S-(0-4)

Tgt Ion: 76 Resp: 5394

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.2#



#18

Methyl Acetate

Concen: 20.785 ug/l

RT: 2.83 min Scan# 319

Delta R.T. 0.07 min

Lab File: VX012102.D

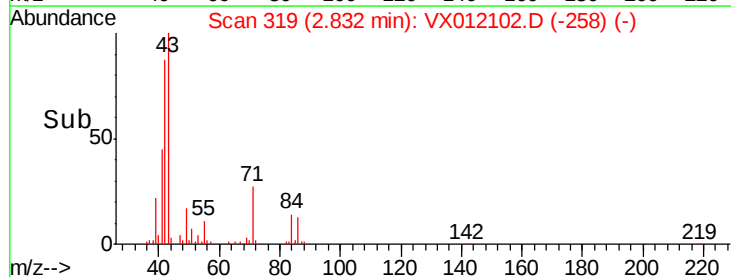
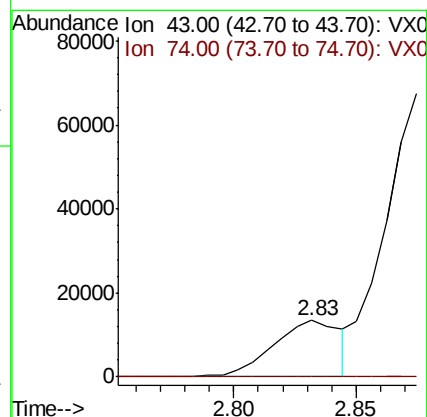
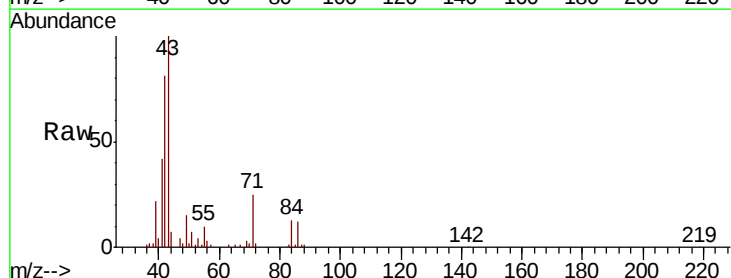
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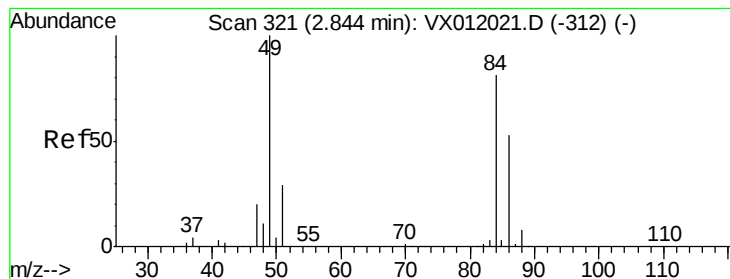
Tgt Ion: 43 Resp: 25384

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#





#20

Methylene Chloride

Concen: 2.468 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CIW-6S-(0-4)

Tgt Ion: 84 Resp: 5138

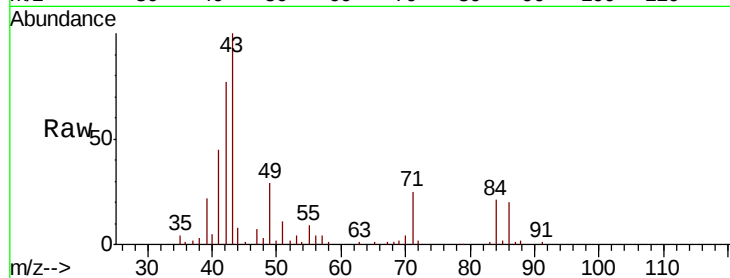
Ion Ratio Lower Upper

84 100

49 138.2 95.8 143.8

51 46.5 28.6 43.0#

86 88.3 50.9 76.3#

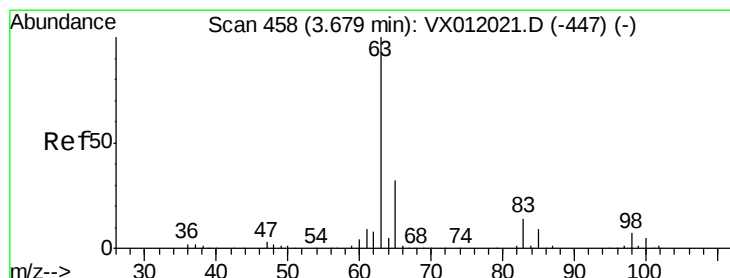
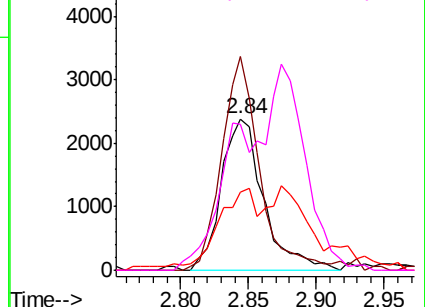
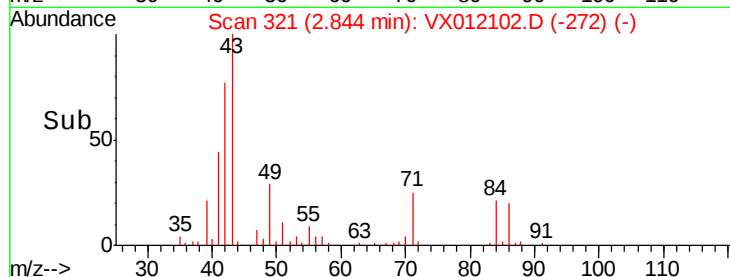


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#24

1,1-Dichloroethane

Concen: 1.601 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

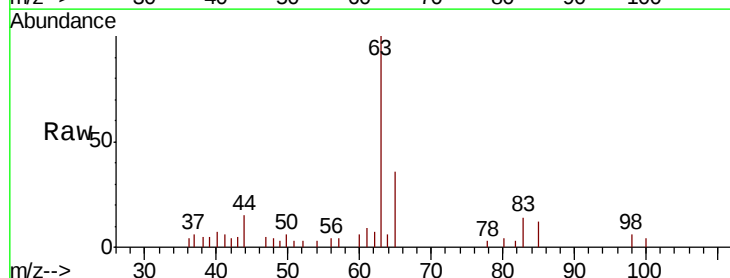
Tgt Ion: 63 Resp: 5301

Ion Ratio Lower Upper

63 100

98 5.9 3.9 11.7

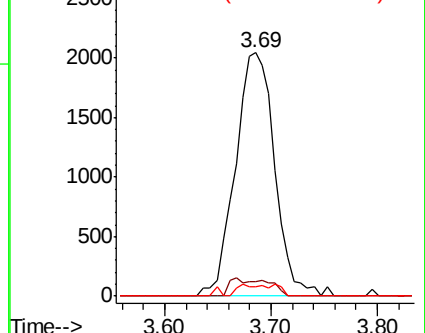
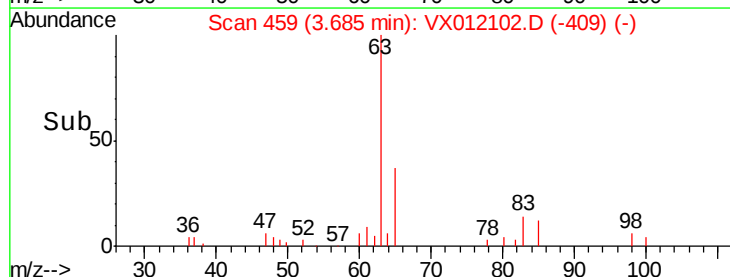
100 4.0 2.5 7.4

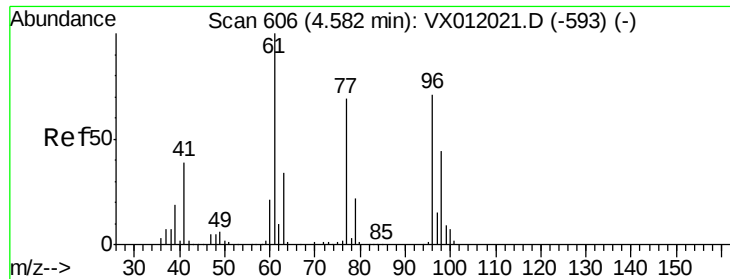


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



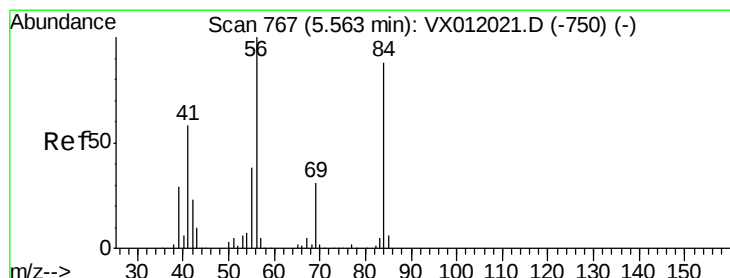
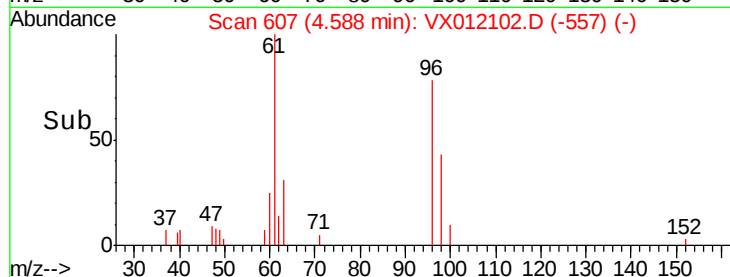
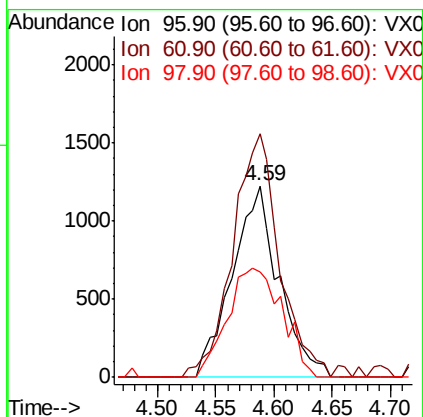
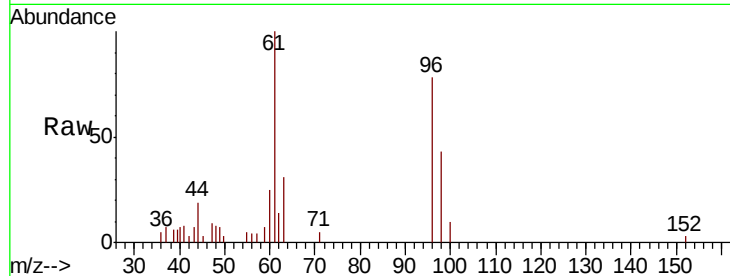


#27

cis-1,2-Dichloroethene
 Concen: 1.605 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

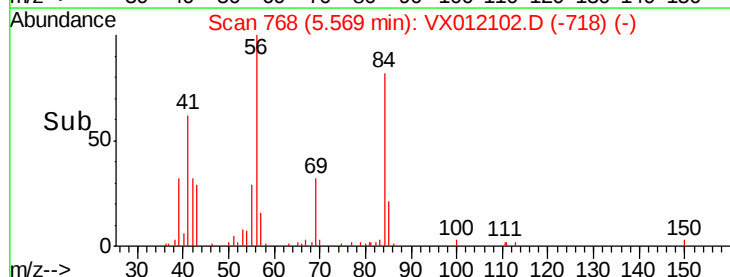
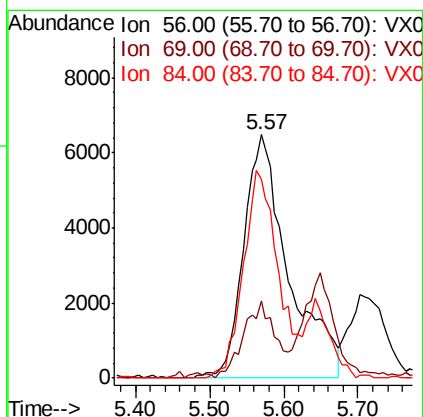
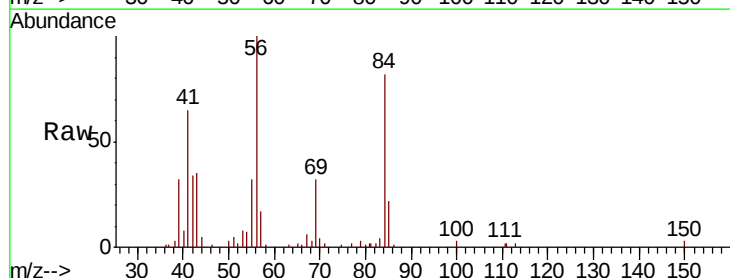
Tgt Ion: 96 Resp: 3418
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 277.0
 98 67.1 0.0 128.4

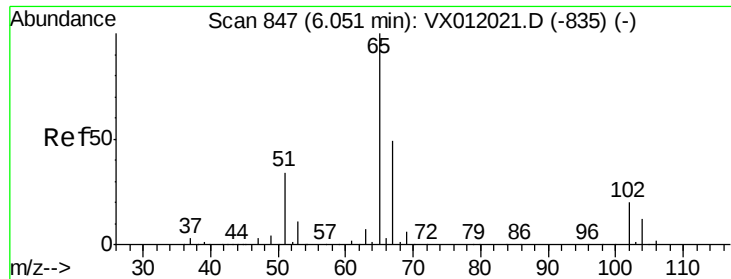


#31

Cyclohexane
 Concen: 10.308 ug/l
 RT: 5.57 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Tgt Ion: 56 Resp: 27410
 Ion Ratio Lower Upper
 56 100
 69 30.2 25.7 38.5
 84 81.9 70.3 105.5

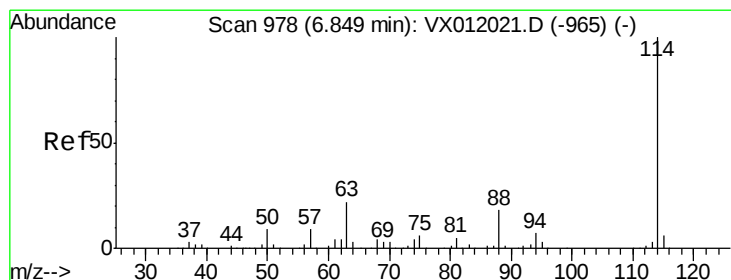
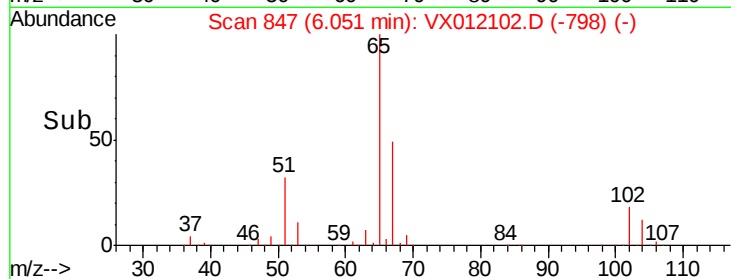
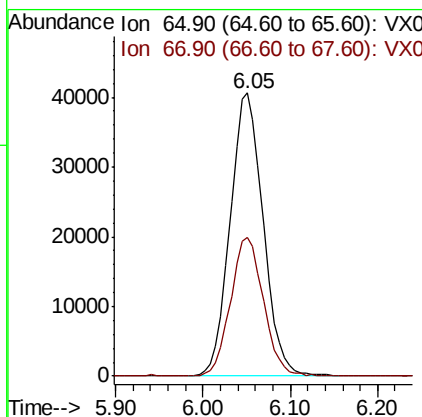
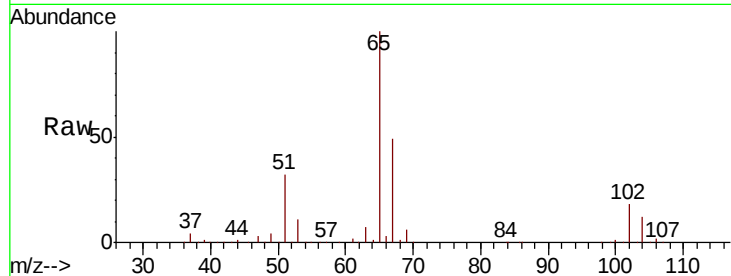




#33
 1,2-Dichloroethane-d4
 Concen: 49.190 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

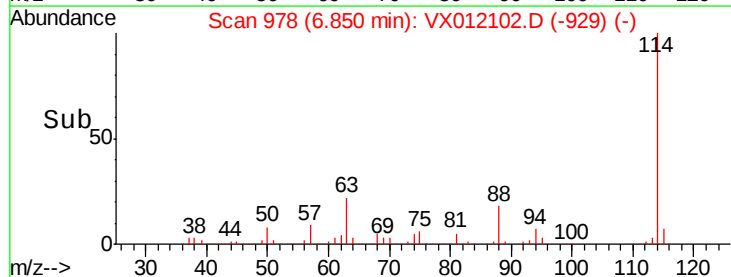
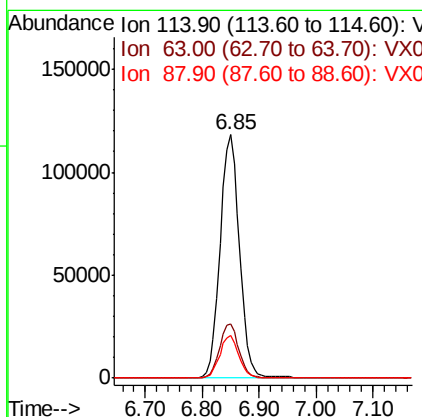
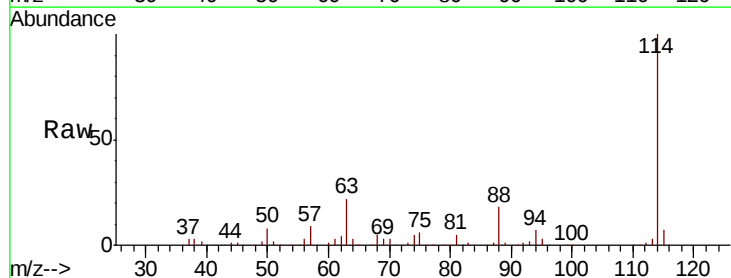
Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

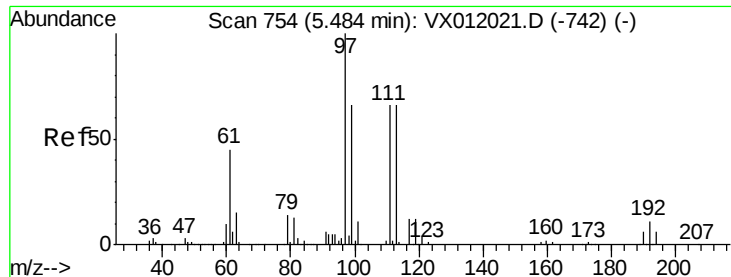
Tgt Ion: 65 Resp: 106691
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Tgt Ion: 114 Resp: 279724
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 37.4
 88 17.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.678 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CIW-6S-(0-4)

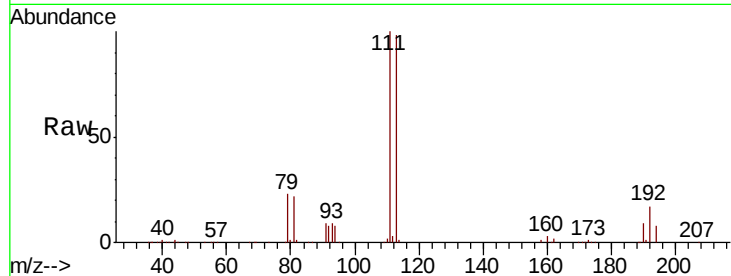
Tgt Ion:113 Resp: 80297

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

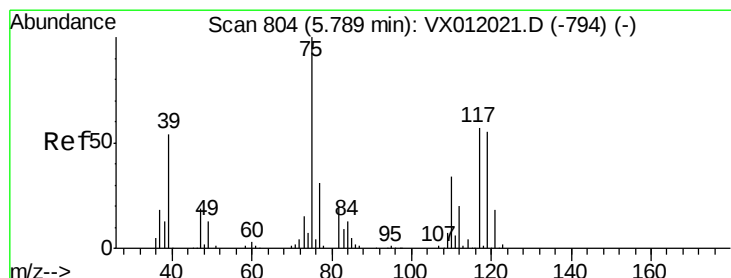
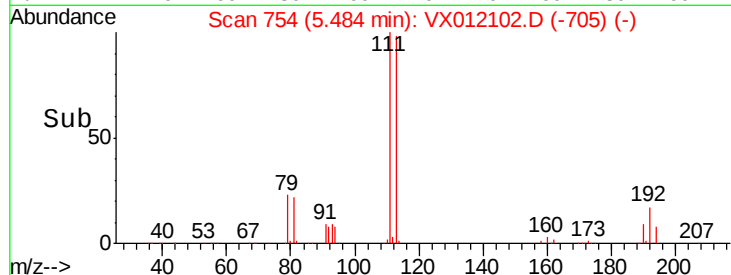
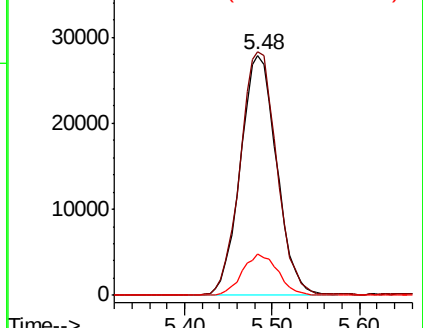
192 16.9 22.5 33.7#



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: 5.899 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

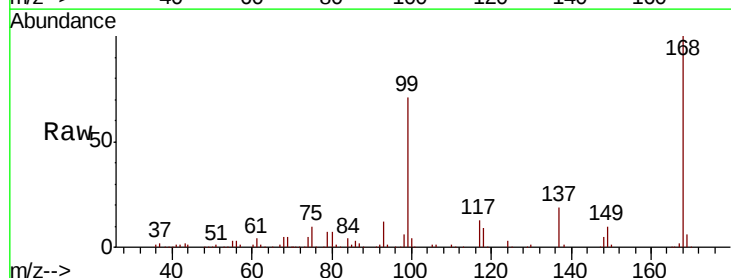
Tgt Ion: 75 Resp: 14533

Ion Ratio Lower Upper

75 100

110 10.4 19.5 58.5#

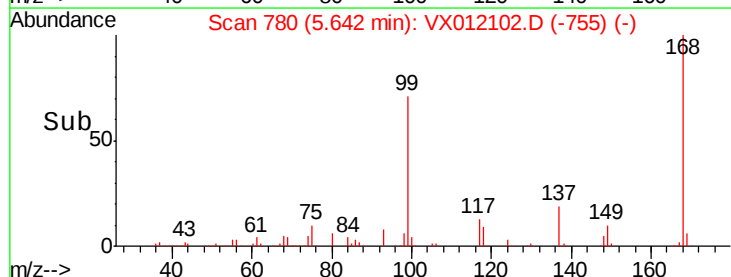
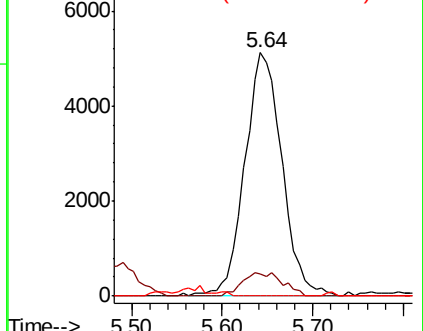
77 0.0 24.6 37.0#

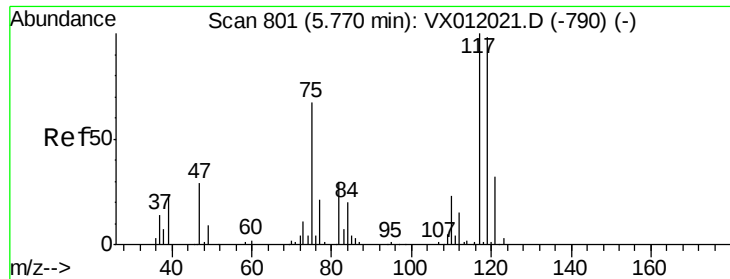


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

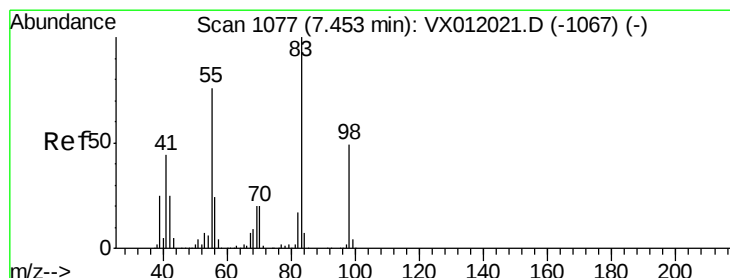
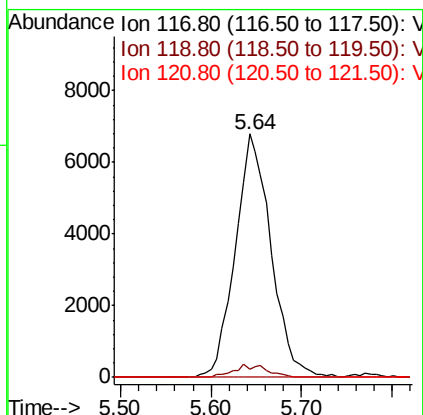
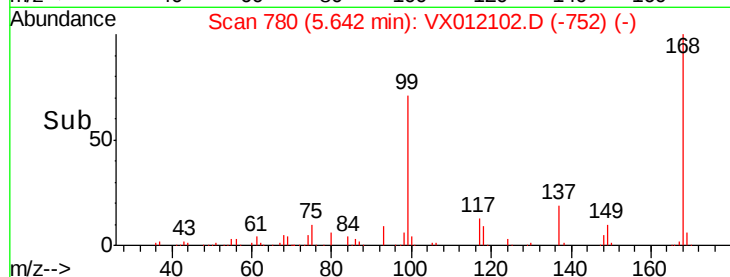
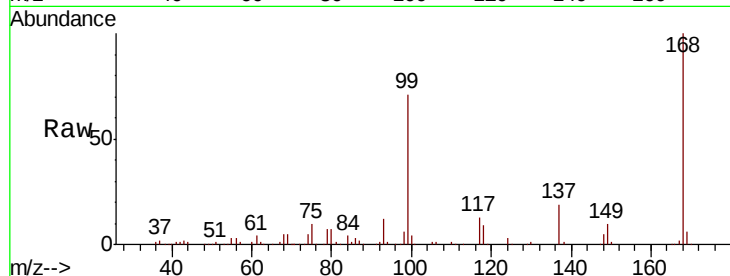




#38
Carbon Tetrachloride
Concen: 7.167 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

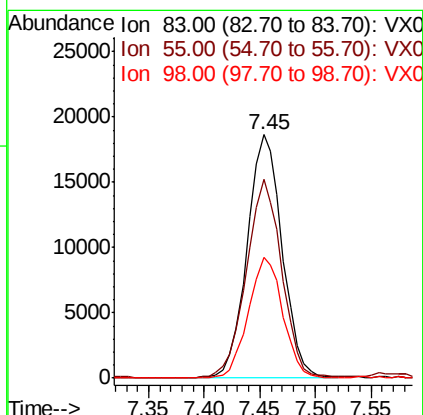
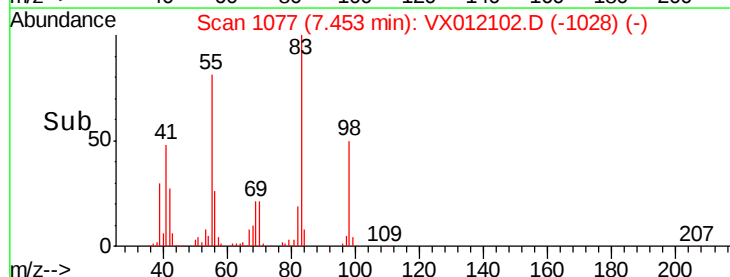
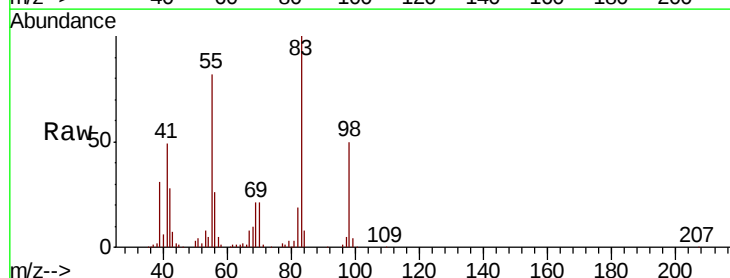
Instrument :
MSVOA_X
ClientSampleId :
CIW-6S-(0-4)

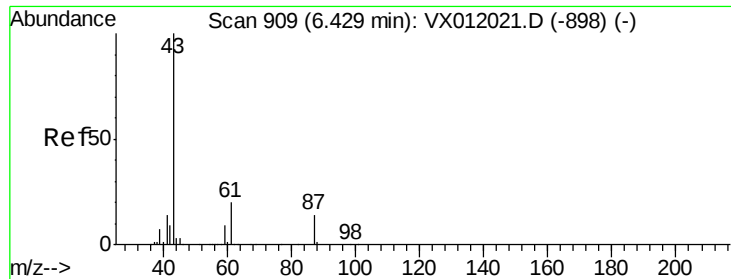
Tgt Ion: 117 Resp: 18605
Ion Ratio Lower Upper
117 100
119 3.5 78.3 117.5#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 14.286 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Tgt Ion: 83 Resp: 40849
Ion Ratio Lower Upper
83 100
55 81.1 59.6 89.4
98 49.8 41.4 62.0





#43

Isopropyl Acetate

Concen: 12.700 ug/l

RT: 6.33 min Scan# 893

Delta R.T. -0.10 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CIW-6S-(0-4)

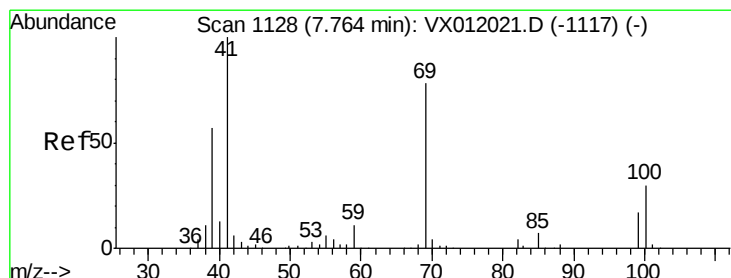
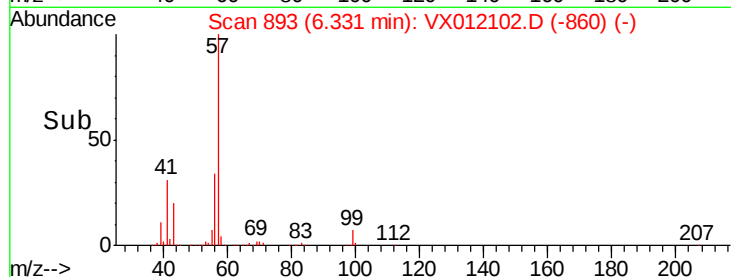
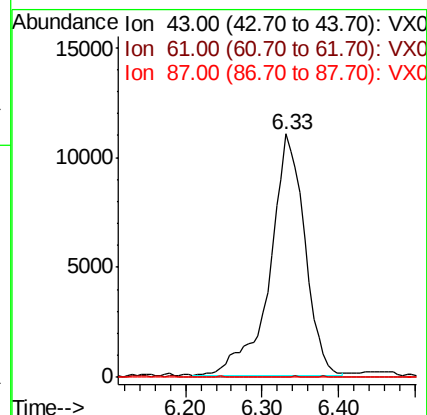
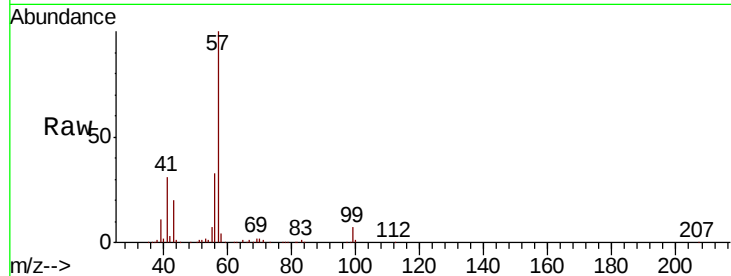
Tgt Ion: 43 Resp: 34596

Ion Ratio Lower Upper

43 100

61 0.1 16.1 24.1#

87 0.0 11.3 16.9#



#48

Methyl methacrylate

Concen: 1.360 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

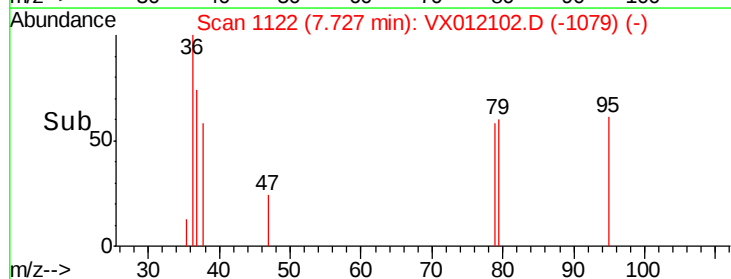
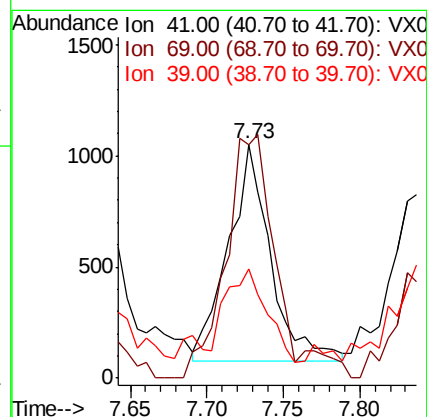
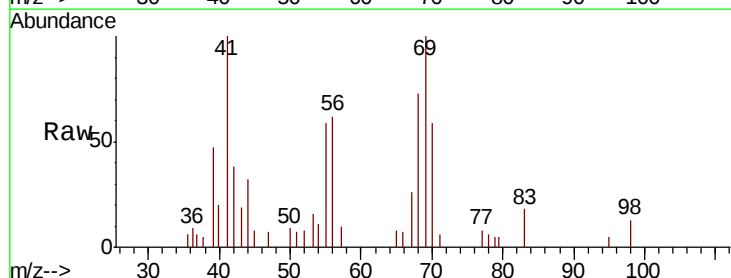
Tgt Ion: 41 Resp: 1863

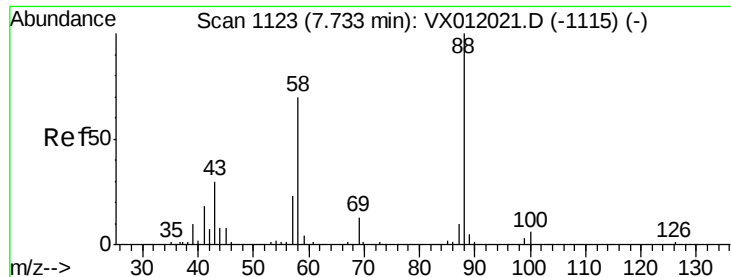
Ion Ratio Lower Upper

41 100

69 126.6 66.3 99.5#

39 42.3 48.1 72.1#

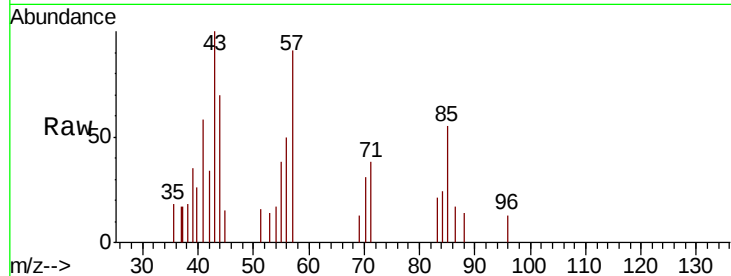




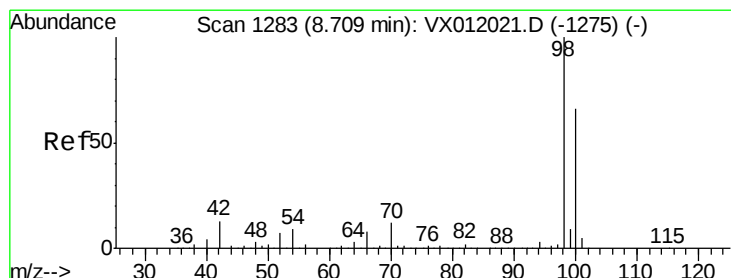
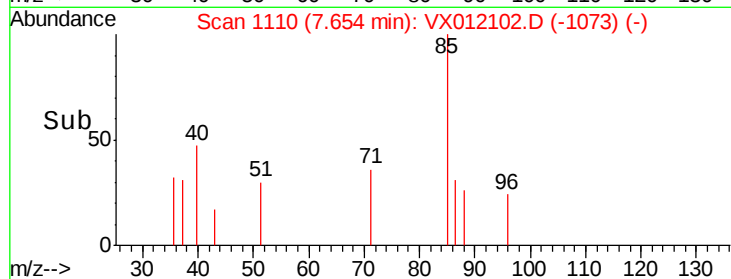
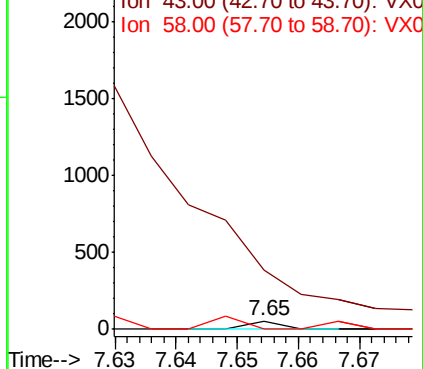
#49
1,4-Dioxane
Concen: 1.071 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.07 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Instrument :
MSVOA_X
ClientSampleId :
CIW-6S-(0-4)

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 165.0 55.4 83.2#

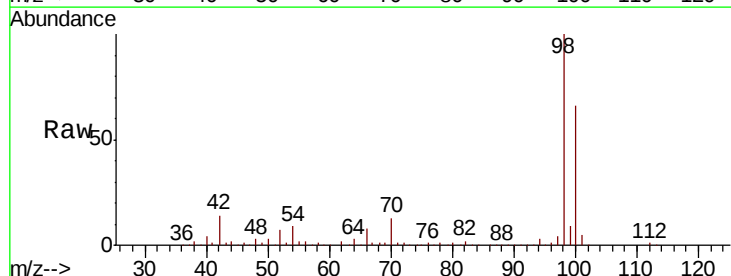


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

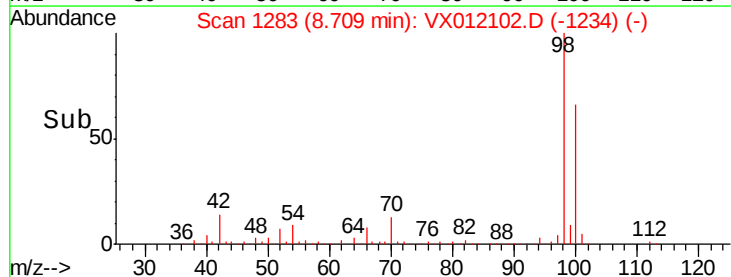
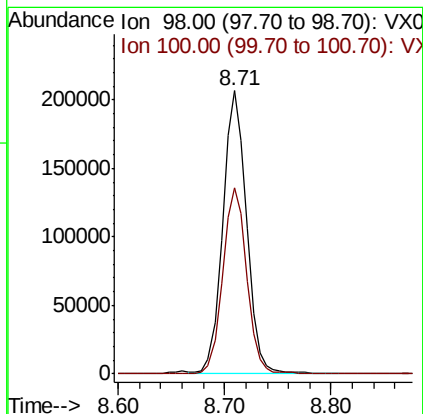


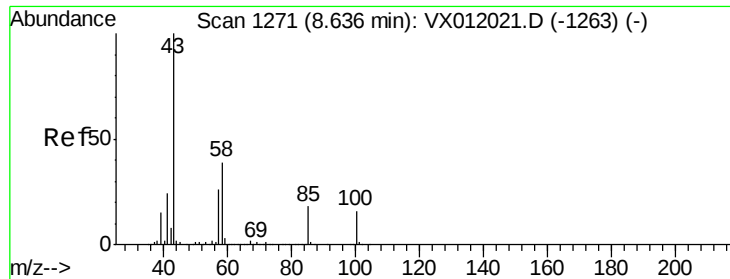
#50
Toluene-d8
Concen: 50.624 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Tgt Ion: 98 Resp: 319560
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

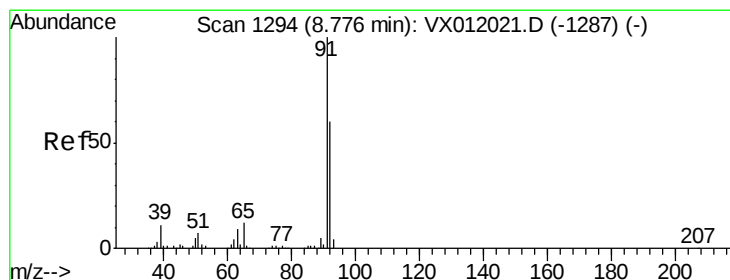
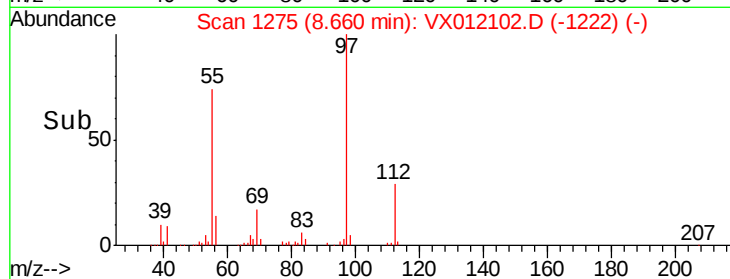
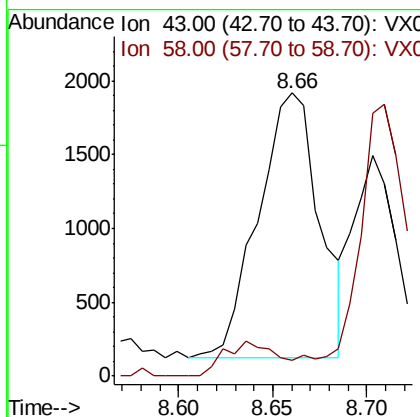
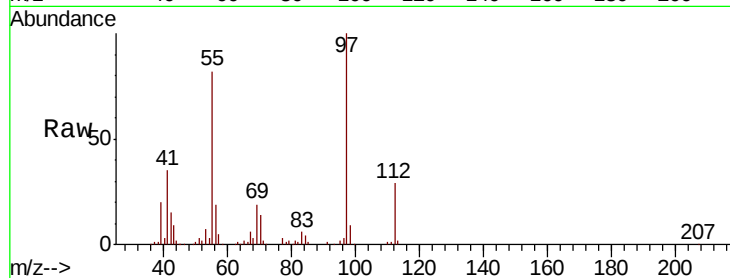




#51
 4-Methyl-2-Pentanone
 Concen: 2.909 ug/l
 RT: 8.66 min Scan# 1275
 Delta R.T. 0.02 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

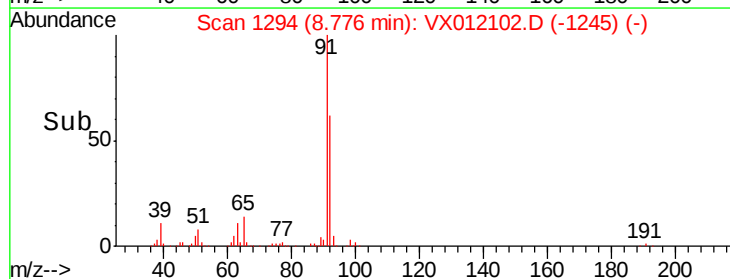
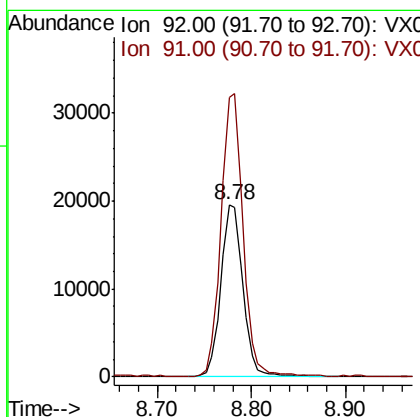
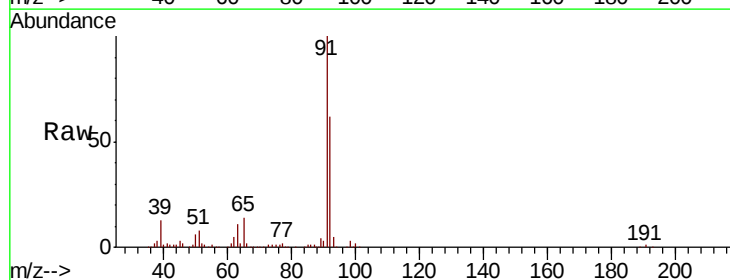
Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

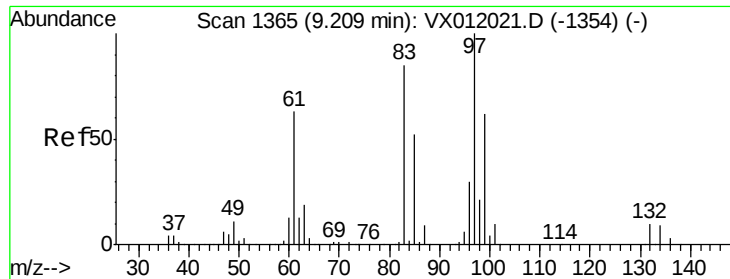
Tgt Ion: 43 Resp: 4030
 Ion Ratio Lower Upper
 43 100
 58 0.0 31.5 47.3#



#52
 Toluene
 Concen: 6.931 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Tgt Ion: 92 Resp: 31897
 Ion Ratio Lower Upper
 92 100
 91 163.9 136.0 204.0

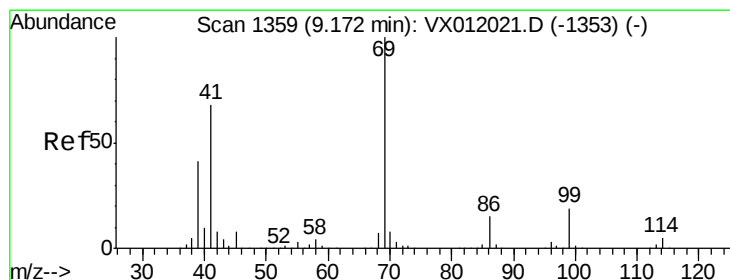
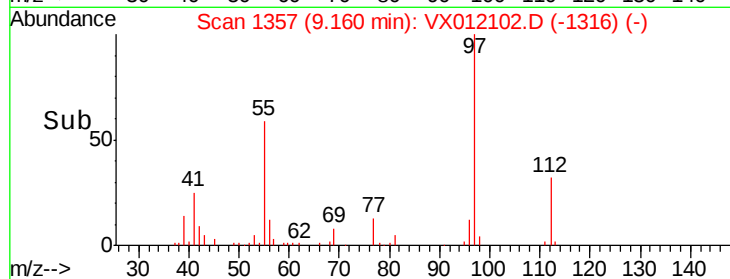
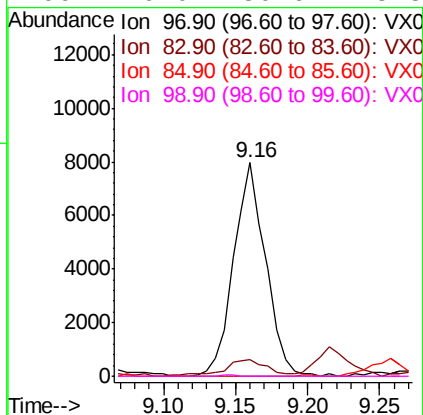
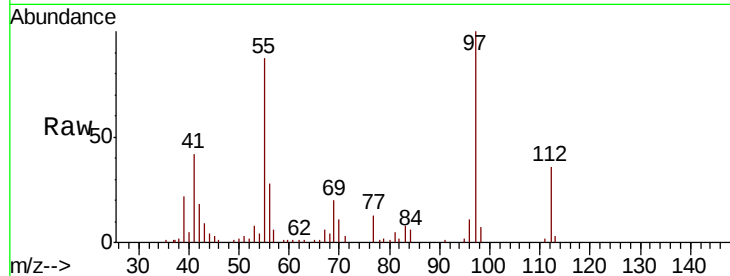




#55
 1,1,2-Trichloroethane
 Concen: 8.081 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

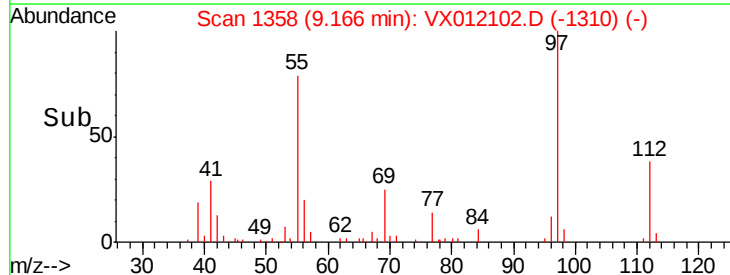
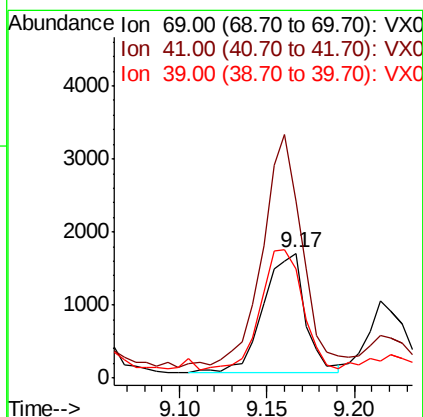
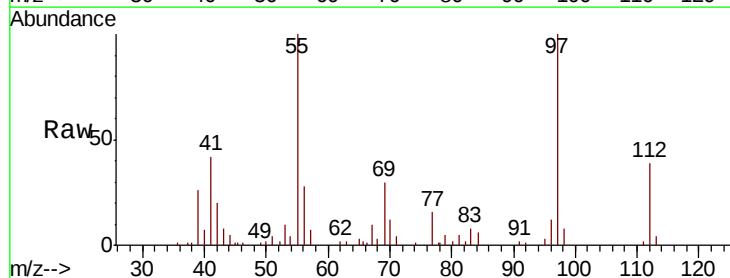
Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

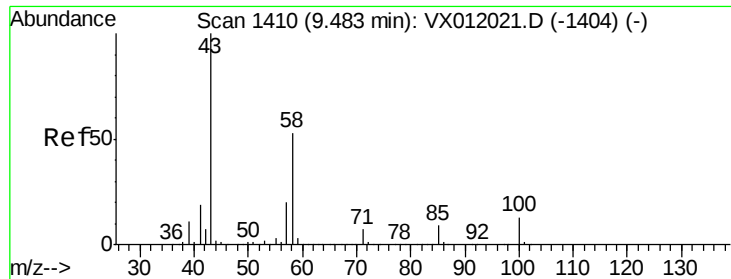
Tgt Ion: 97 Resp: 12324
 Ion Ratio Lower Upper
 97 100
 83 6.7 66.0 99.0#
 85 0.0 41.0 61.6#
 99 0.0 50.6 75.8#



#56
 Ethyl methacrylate
 Concen: 1.252 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Tgt Ion: 69 Resp: 2736
 Ion Ratio Lower Upper
 69 100
 41 187.6 53.9 80.9#
 39 97.3 31.1 46.7#

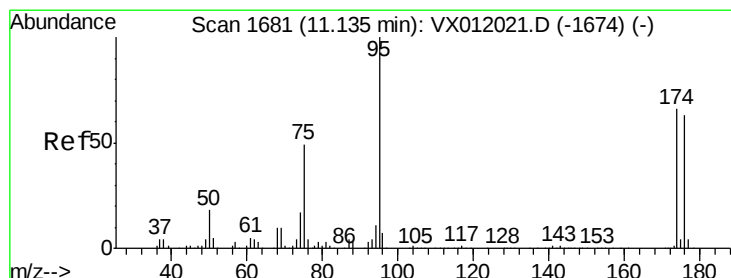
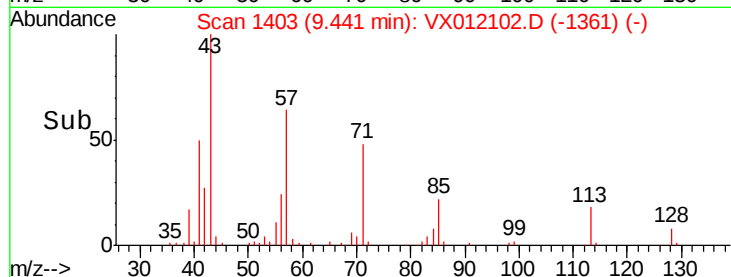
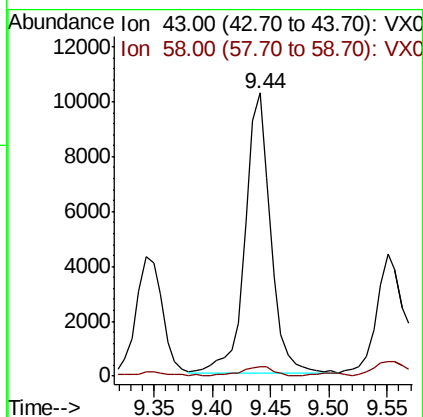
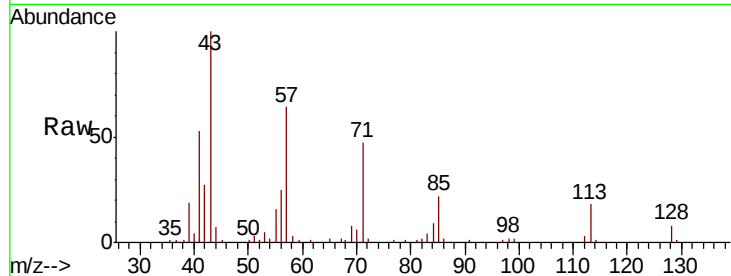




#59
2-Hexanone
Concen: 15.316 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.04 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

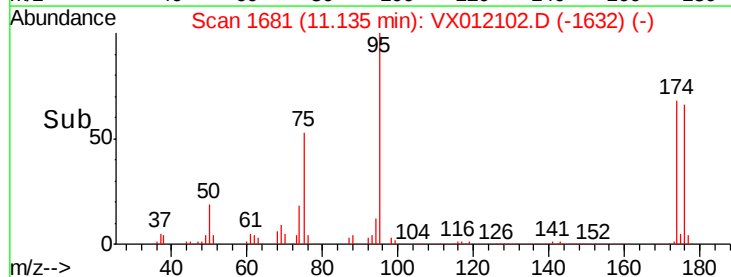
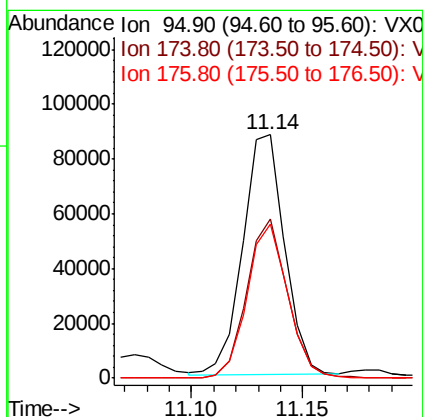
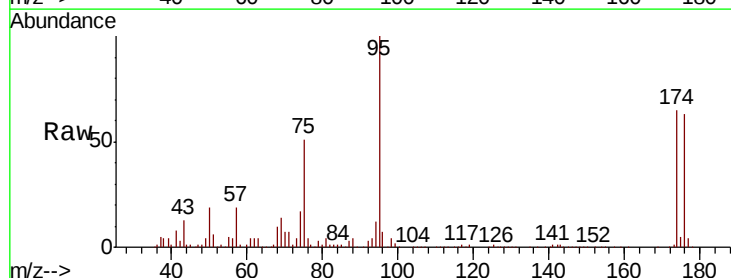
Instrument :
MSVOA_X
ClientSampleId :
CIW-6S-(0-4)

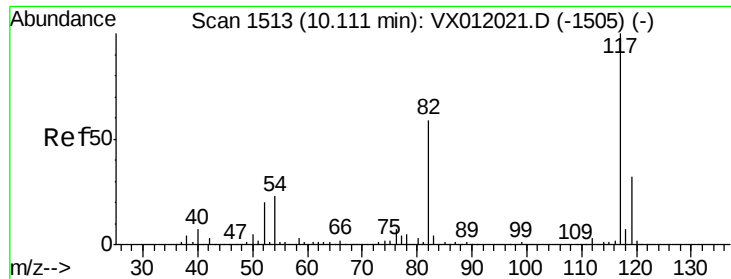
Tgt Ion: 43 Resp: 15485
Ion Ratio Lower Upper
43 100
58 4.5 27.2 81.6#



#62
4-Bromofluorobenzene
Concen: 39.357 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Tgt Ion: 95 Resp: 115539
Ion Ratio Lower Upper
95 100
174 64.3 0.0 205.4
176 62.2 0.0 201.8

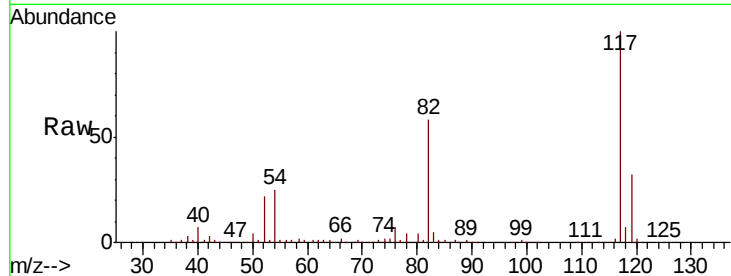




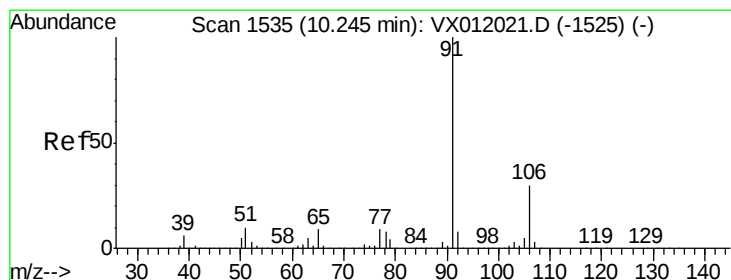
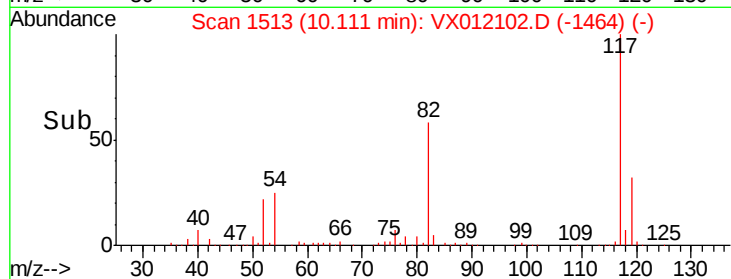
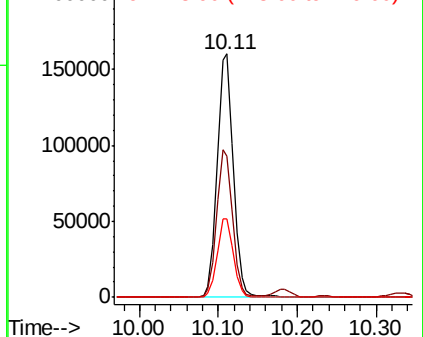
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Instrument :
MSVOA_X
ClientSampleId :
CIW-6S-(0-4)

Tgt Ion: 117 Resp: 228734
Ion Ratio Lower Upper
117 100
82 57.8 39.4 59.0
119 32.5 26.1 39.1

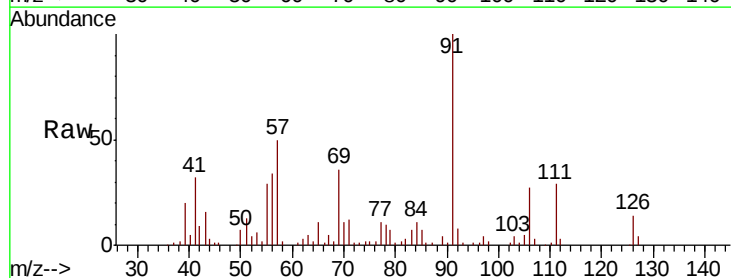


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

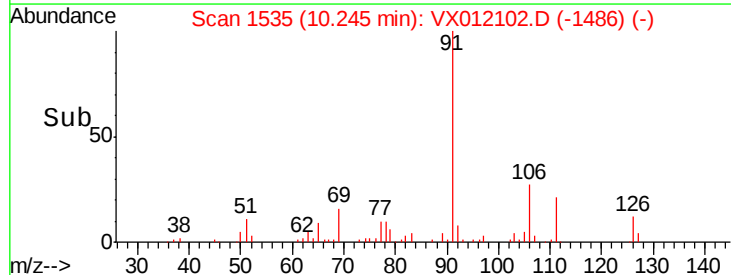
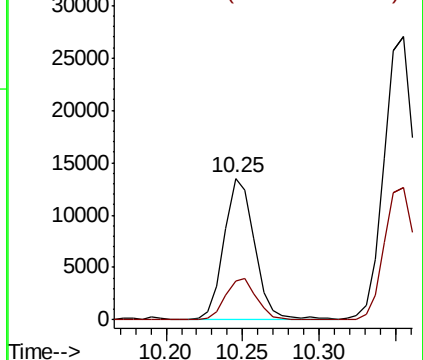


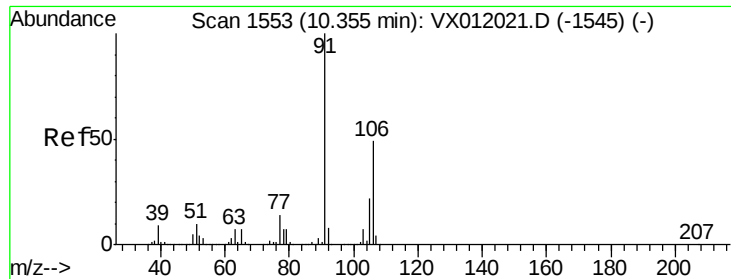
#67
Ethyl Benzene
Concen: 2.294 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Tgt Ion: 91 Resp: 18868
Ion Ratio Lower Upper
91 100
106 27.5 25.8 38.8



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

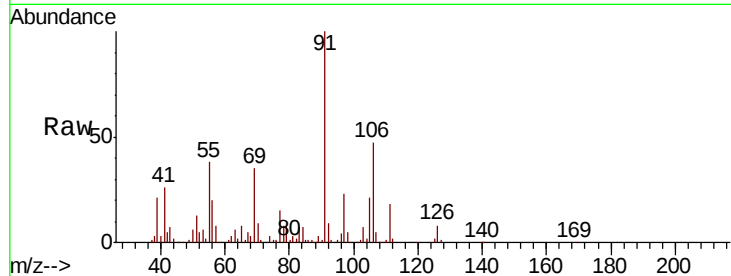




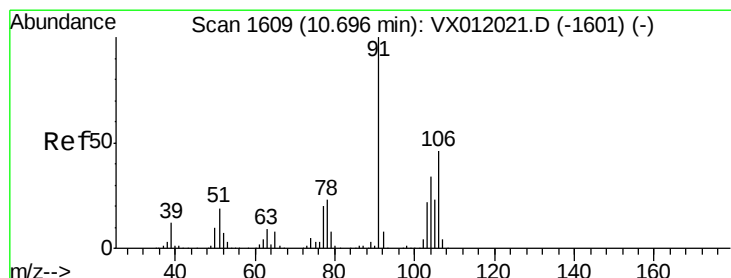
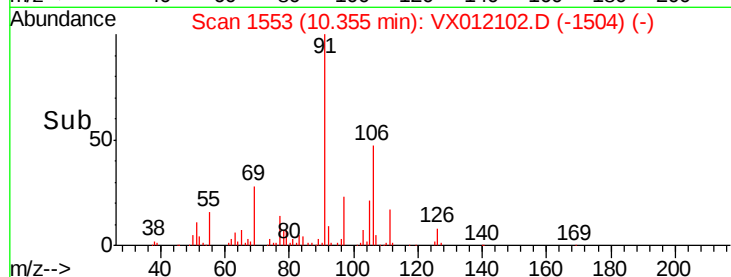
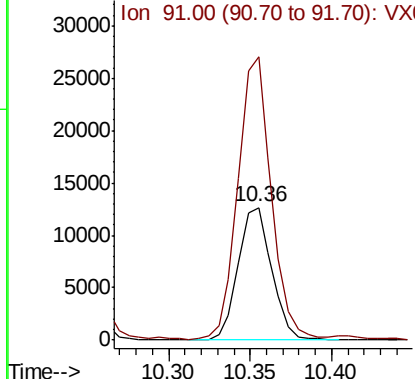
#68
m/p-Xylenes
Concen: 6.013 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Instrument :
MSVOA_X
ClientSampleId :
CIW-6S-(0-4)

Tgt Ion:106 Resp: 18226
Ion Ratio Lower Upper
106 100
91 210.3 157.5 236.3

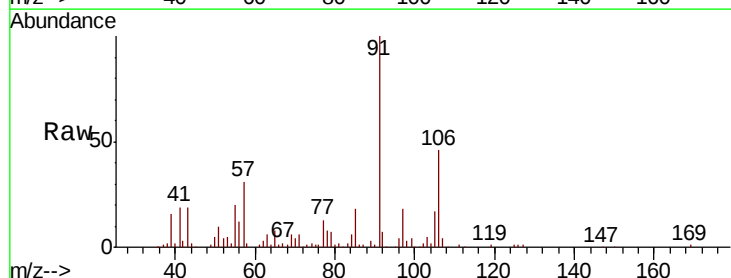


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

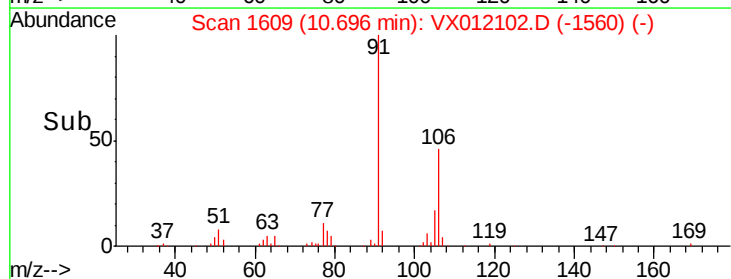
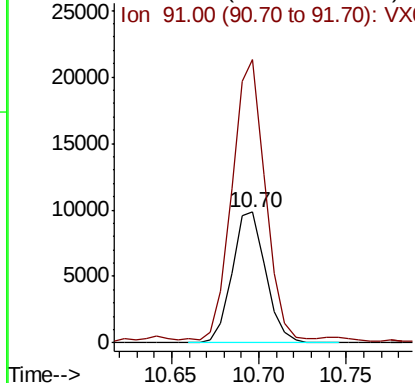


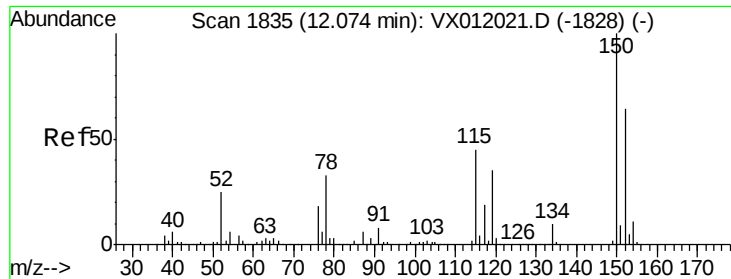
#69
o-Xylene
Concen: 4.458 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012102.D
Acq: 05 Sep 2019 15:47

Tgt Ion:106 Resp: 13102
Ion Ratio Lower Upper
106 100
91 209.8 103.5 310.3



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CIW-6S-(0-4)

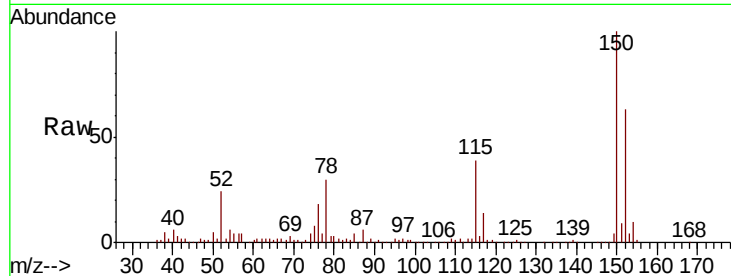
Tgt Ion:152 Resp: 87454

Ion Ratio Lower Upper

152 100

115 64.7 36.4 109.3

150 160.6 0.0 341.2

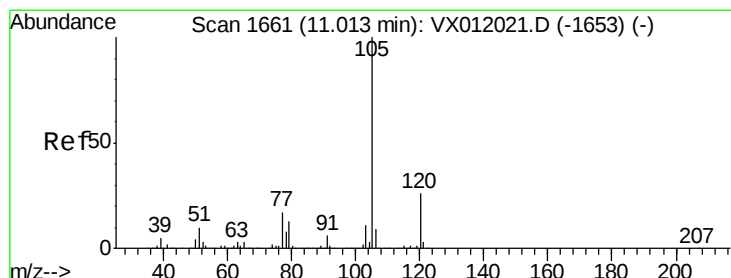
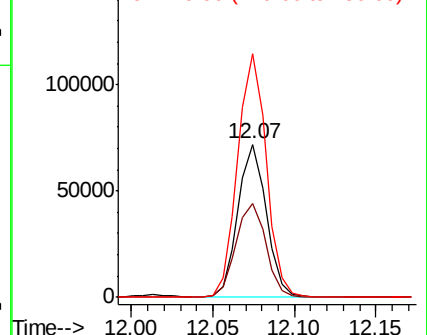
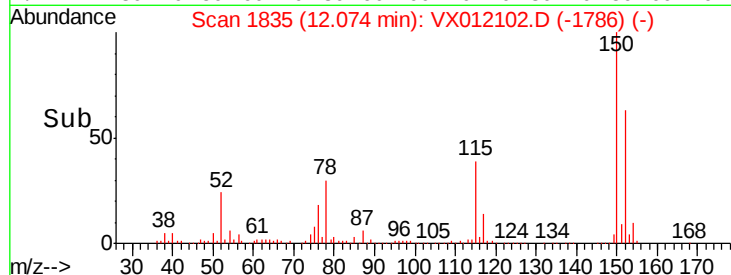


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.164 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012102.D

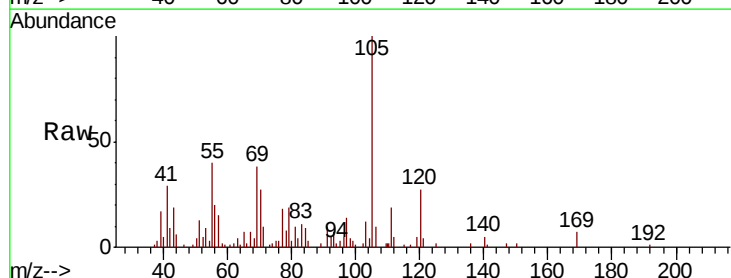
Acq: 05 Sep 2019 15:47

Tgt Ion:105 Resp: 7469

Ion Ratio Lower Upper

105 100

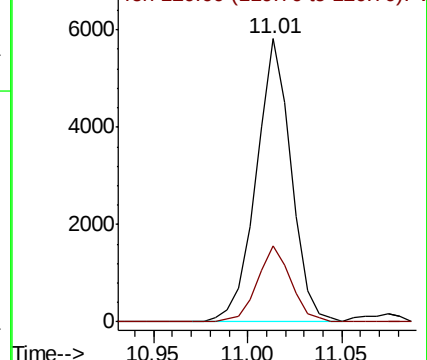
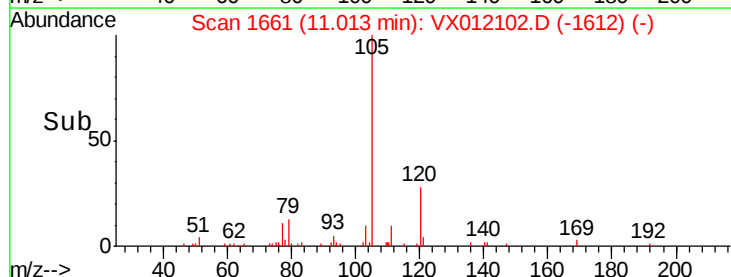
120 25.8 13.9 41.6

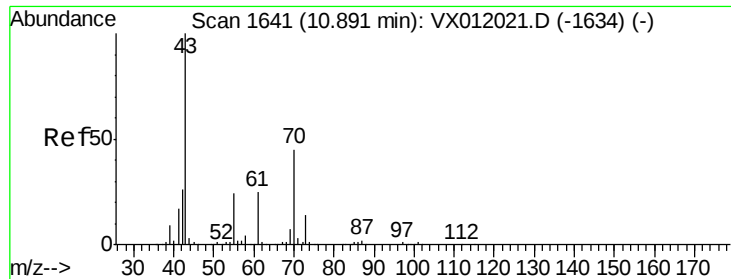


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 11.030 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleID :

CIW-6S-(0-4)

Tgt Ion: 43 Resp: 20926

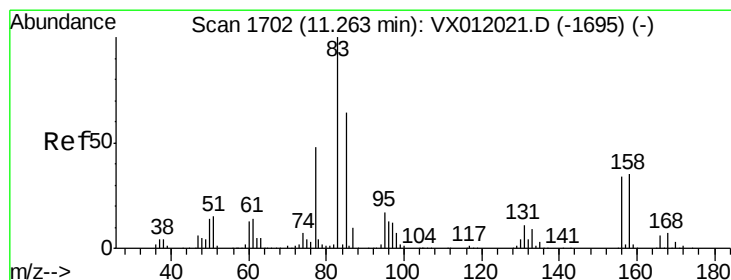
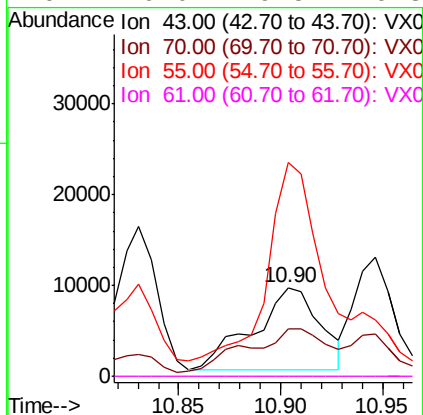
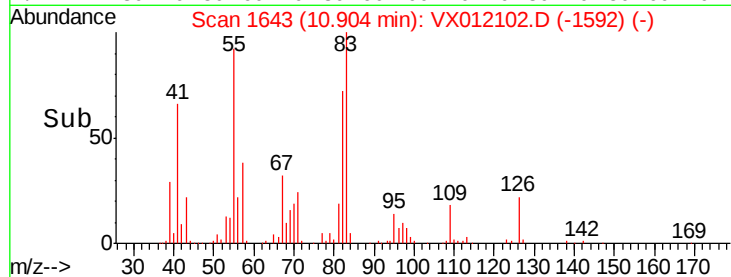
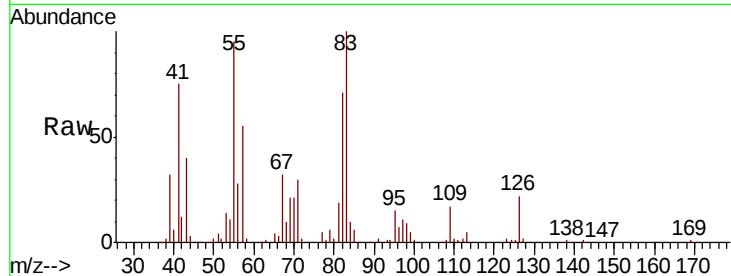
Ion Ratio Lower Upper

43 100

70 63.3 34.4 51.6#

55 217.0 18.5 27.7#

61 0.0 19.5 29.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.607 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

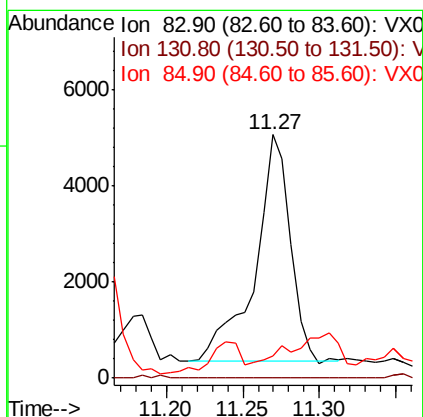
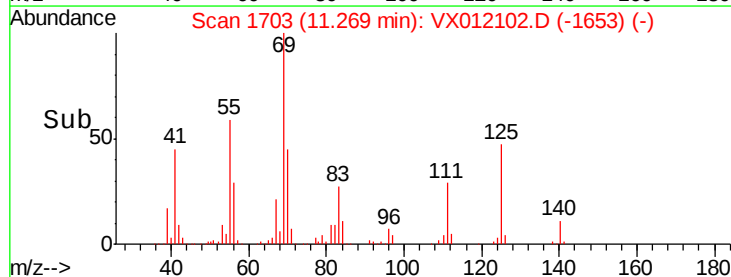
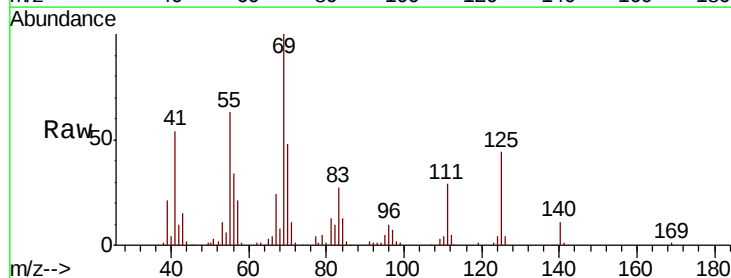
Tgt Ion: 83 Resp: 7500

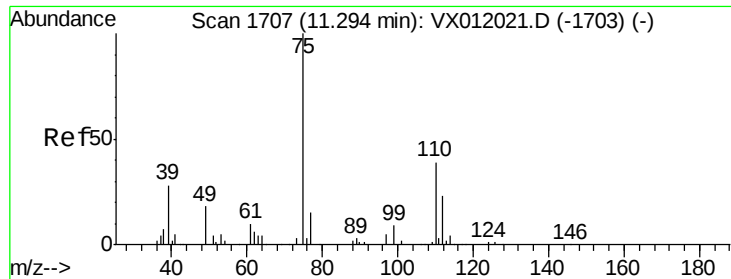
Ion Ratio Lower Upper

83 100

131 0.0 6.3 19.1#

85 0.0 32.5 97.4#





#76

1,2,3-Trichloropropane

Concen: 58.050 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampled :

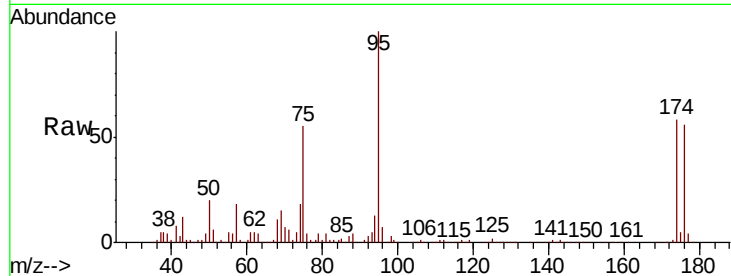
CIW-6S-(0-4)

Tgt Ion: 75 Resp: 62030

Ion Ratio Lower Upper

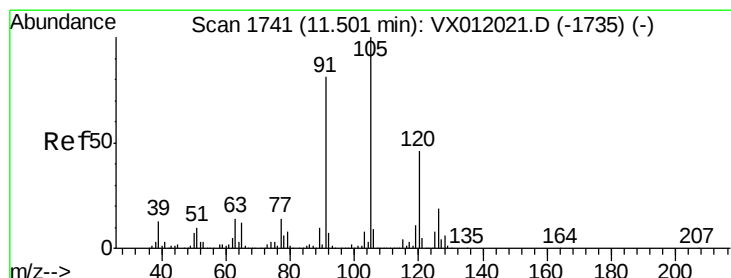
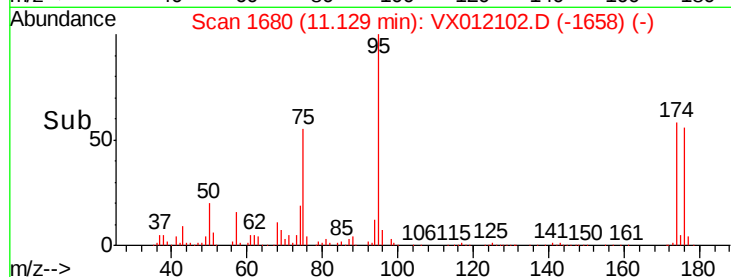
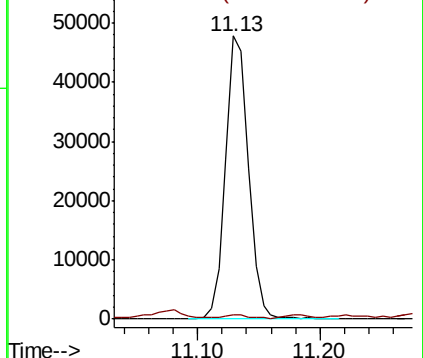
75 100

77 1.3 23.5 70.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 1.947 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012102.D

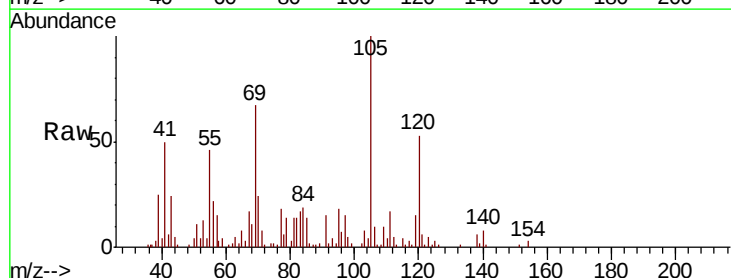
Acq: 05 Sep 2019 15:47

Tgt Ion: 105 Resp: 10947

Ion Ratio Lower Upper

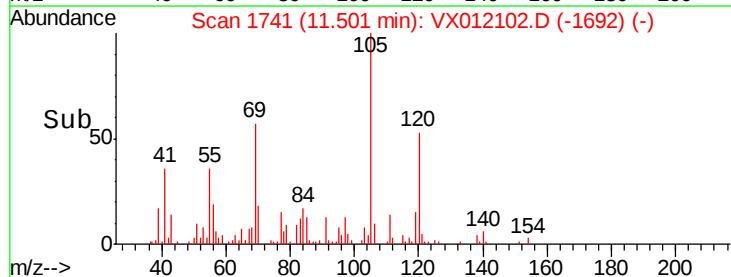
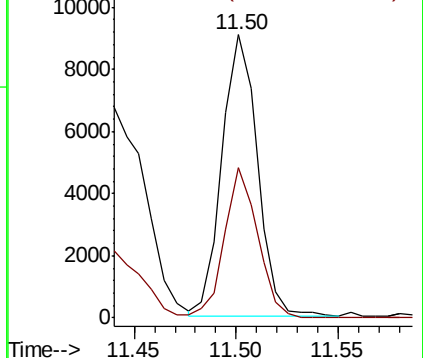
105 100

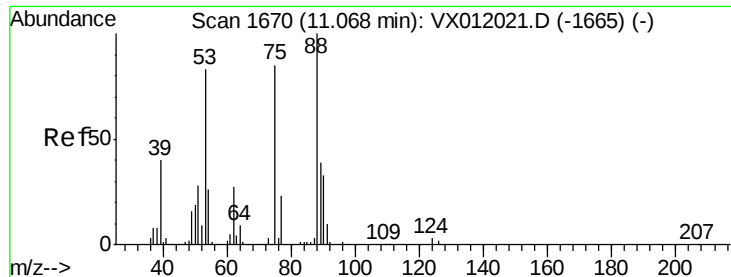
120 49.9 25.8 77.3



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: 137.240 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CIW-6S-(0-4)

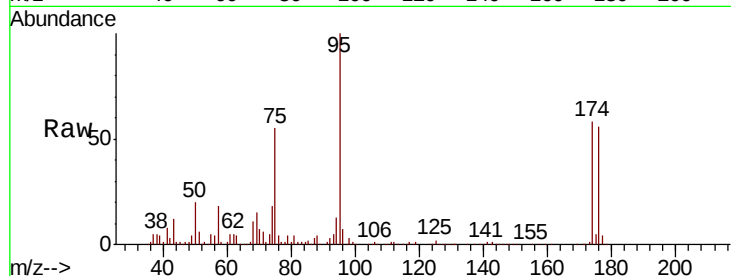
Tgt Ion: 75 Resp: 62030

Ion Ratio Lower Upper

75 100

53 1.4 78.6 117.8#

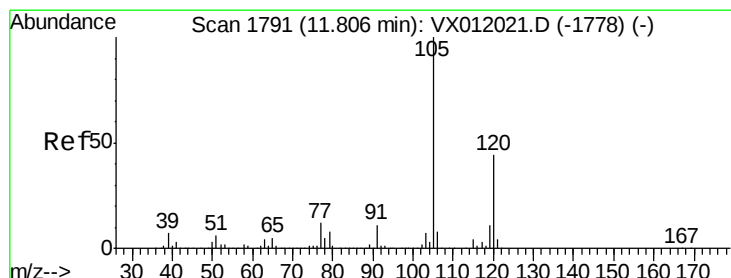
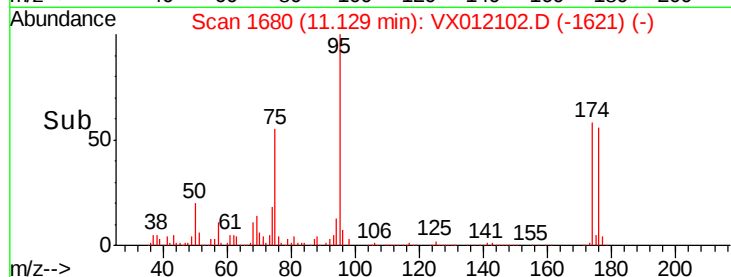
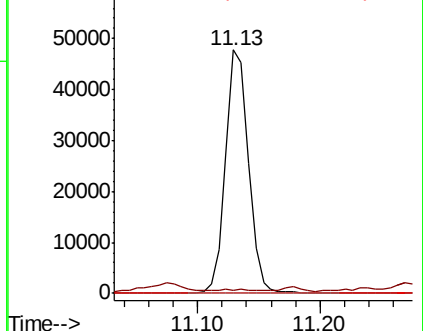
89 0.1 38.8 58.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 2.616 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX012102.D

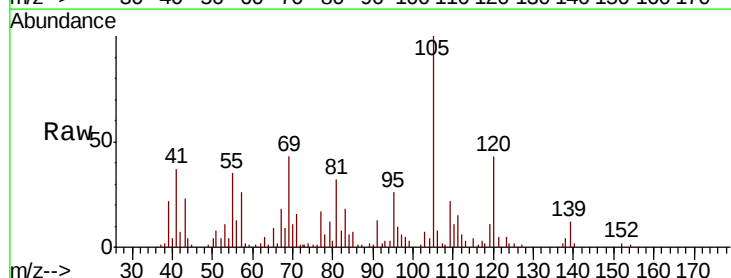
Acq: 05 Sep 2019 15:47

Tgt Ion: 105 Resp: 15117

Ion Ratio Lower Upper

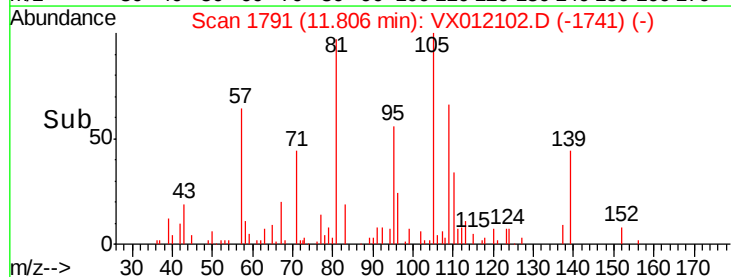
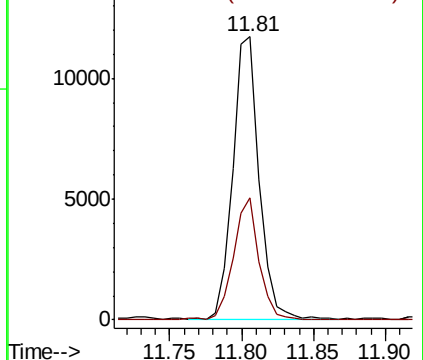
105 100

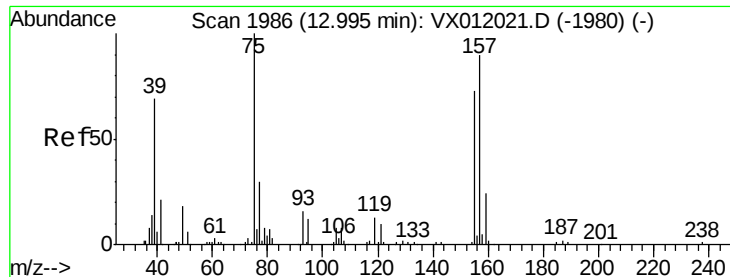
120 41.7 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.143 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CIW-6S-(0-4)

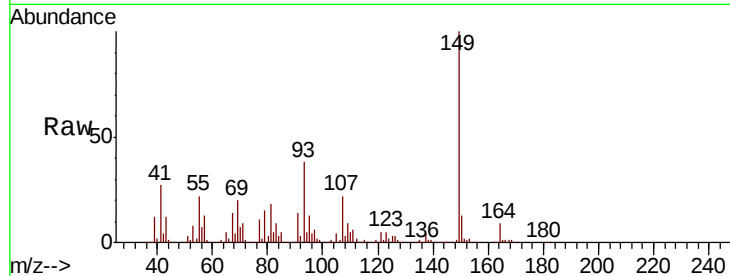
Tgt Ion: 75 Resp: 320

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.2#

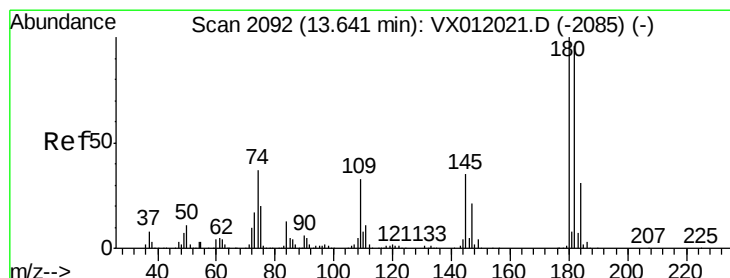
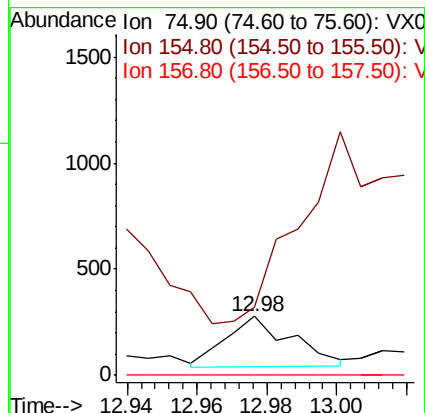
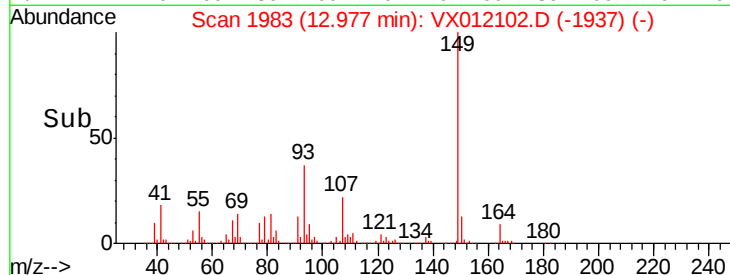
157 0.0 66.9 200.7#



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



#93

1,2,4-Trichlorobenzene

Concen: 1.633 ug/l

RT: 13.60 min Scan# 2085

Delta R.T. -0.04 min

Lab File: VX012102.D

Acq: 05 Sep 2019 15:47

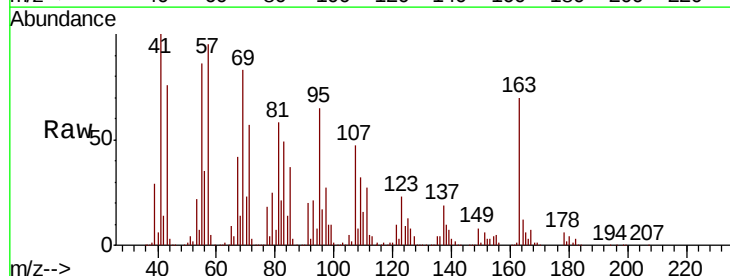
Tgt Ion: 180 Resp: 3011

Ion Ratio Lower Upper

180 100

182 58.8 47.3 142.0

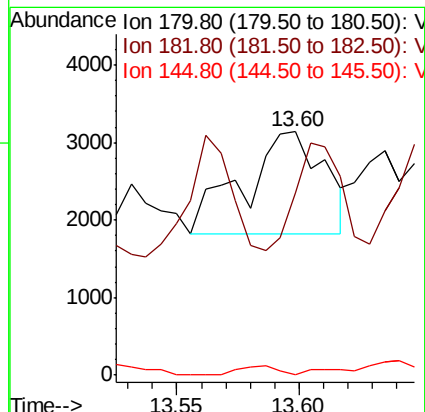
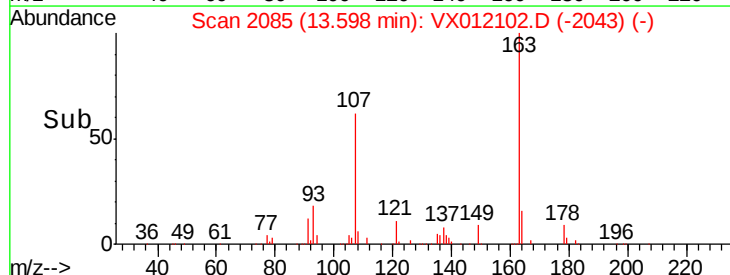
145 4.4 13.7 41.0#

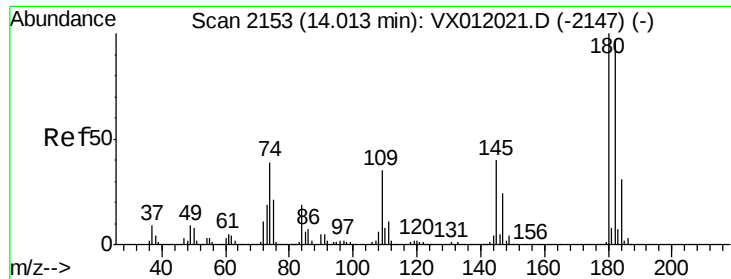


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#96
 1,2,3-Trichlorobenzene
 Concen: 10.903 ug/l
 RT: 14.03 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VX012102.D
 Acq: 05 Sep 2019 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 CIW-6S-(0-4)

Tgt Ion:180 Resp: 17682
 Ion Ratio Lower Upper
 180 100
 182 45.9 47.9 143.6#
 145 1.3 14.1 42.4#

