

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003117.D
 Acq On : 01 Jul 2018 09:59
 Operator : JC/MD
 Sample : J3799-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ULMW-01

Quant Time: Jul 02 05:00:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229166	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	185930	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
35) Dibromofluoromethane	5.51	113	155994	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.72	98	565229	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	209818	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.12	85	47	Below Cal	#	43
3) Chloromethane	1.32	50	50101	18.01	ug/l	# 47
5) Bromomethane	1.65	94	1526	Below Cal		81
10) Methyl Iodide	2.51	142	1667	6.68	ug/l	# 95
11) Tert butyl alcohol	3.07	59	1454	1.83	ug/l	# 85
13) Acrolein	2.27	56	325	4.96	ug/l	# 49
14) Allyl chloride	2.62	41	4354	0.78	ug/l	# 66
16) Acetone	2.45	43	4830	2.93	ug/l	# 87
17) Carbon Disulfide	2.57	76	6054	0.80	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	2955	0.29	ug/l	91
25) 2-Butanone	4.72	43	1405	0.57	ug/l	97
29) Tetrahydrofuran	5.16	42	378	0.24	ug/l	# 77
31) Cyclohexane	5.58	56	3598	0.72	ug/l	98
36) 1,1-Dichloropropene	5.67	75	17976	4.08	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	25610	5.30	ug/l	# 17
39) Methylcyclohexane	7.46	83	9750	1.90	ug/l	96
49) 1,4-Dioxane	7.82	88	19	0.24	ug/l	# 56
55) 1,1,2-Trichloroethane	9.17	97	3937	1.17	ug/l	# 22
67) Ethyl Benzene	10.26	91	15993	1.00	ug/l	97
68) m/p-Xylenes	10.36	106	11017	1.79	ug/l	93
73) Isopropylbenzene	11.02	105	21680	1.41	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1321	0.28	ug/l	# 82
76) 1,2,3-Trichloropropane	11.14	75	108218	26.07	ug/l	# 33
78) n-propylbenzene	11.37	91	43990	2.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	34406	2.65	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	108218	73.92	ug/l	# 7
82) 4-Chlorotoluene	11.51	91	4016	0.32	ug/l	# 46
83) tert-Butylbenzene	11.77	119	4254	0.33	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	213423	15.86	ug/l	97
85) sec-Butylbenzene	11.95	105	24899	1.60	ug/l	81
86) p-Isopropyltoluene	12.07	119	11248	0.81	ug/l	95
89) n-Butylbenzene	12.39	91	24101	1.98	ug/l	# 51
90) Hexachloroethane	12.59	117	6017	2.90	ug/l	# 1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1240	1.16	ug/l	# 1

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Response via : Initial Calibration

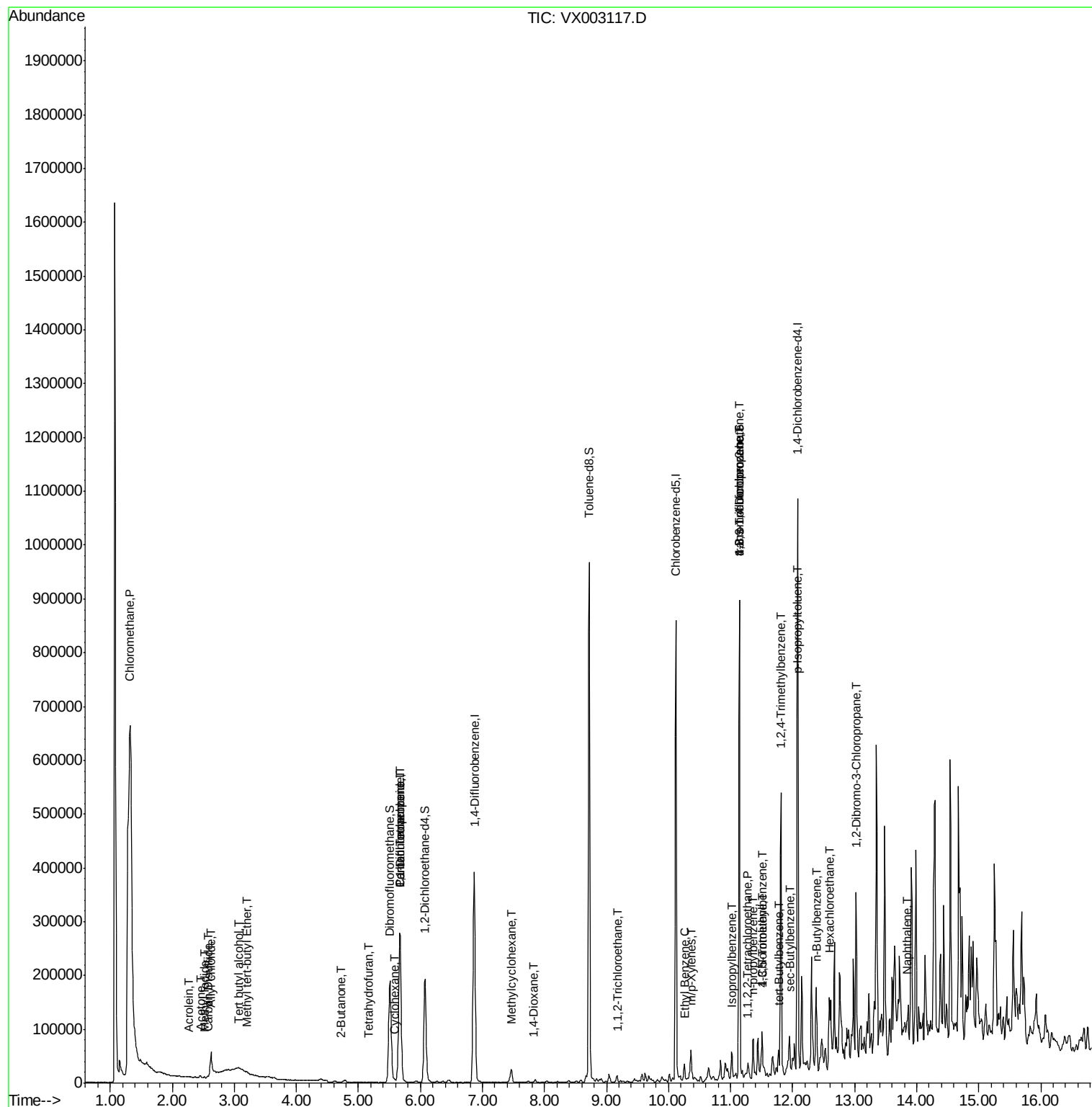
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	30953	1.97	ug/l #	90

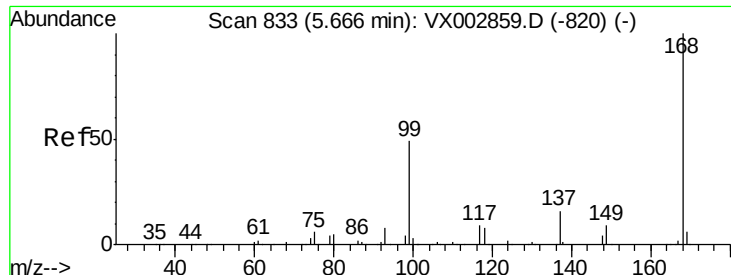
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

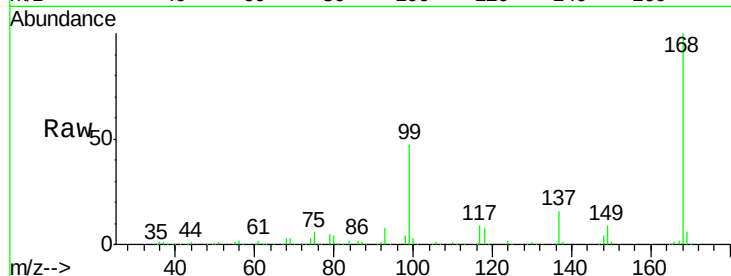
ULMW-01

Tot Ion:168 Resp: 287885

Ion Ratio Lower Upper

168 100

99 47.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

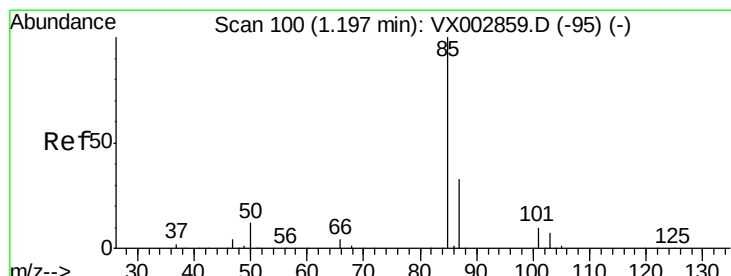
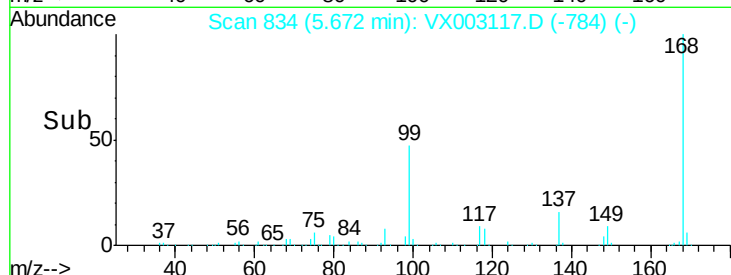
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.12 min Scan# 88

Delta R.T. -0.07 min

Lab File: VX003117.D

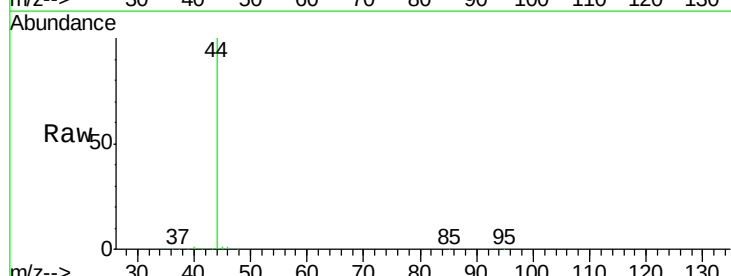
Acq: 01 Jul 2018 09:59

Tgt Ion: 85 Resp: 47

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60

40

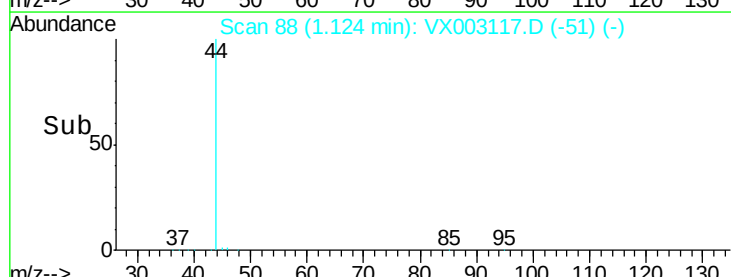
20

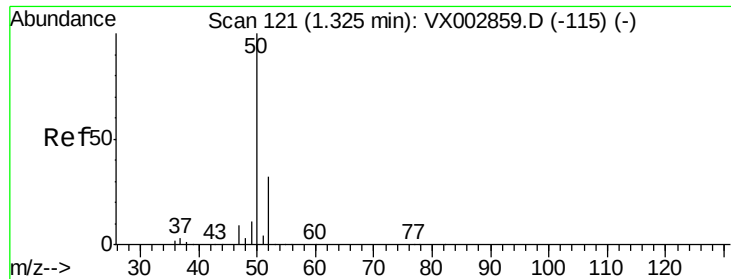
0

1.12

1.10 1.12 1.14

Time-->





#3

Chloromethane

Concen: 18.01 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

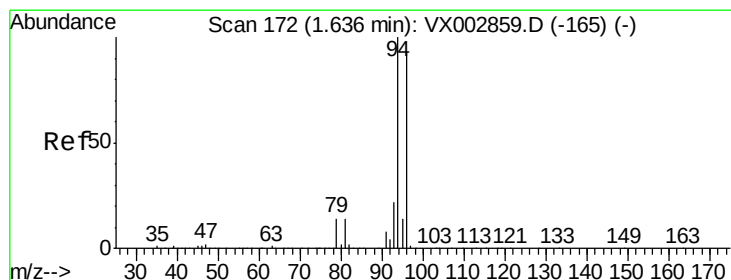
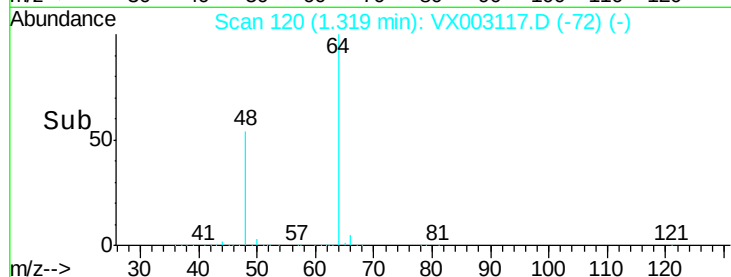
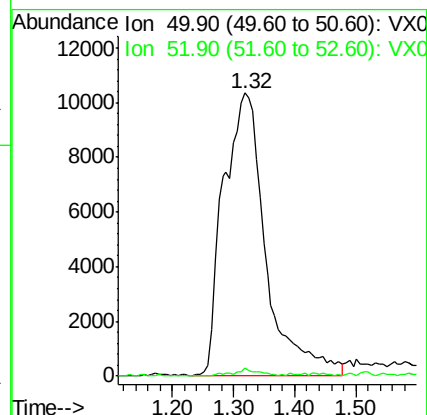
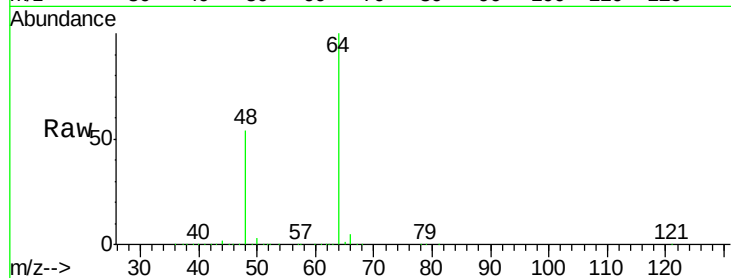
ULMW-01

Tot Ion: 50 Resp: 50101

Ion Ratio Lower Upper

50 100

52 2.8 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003117.D

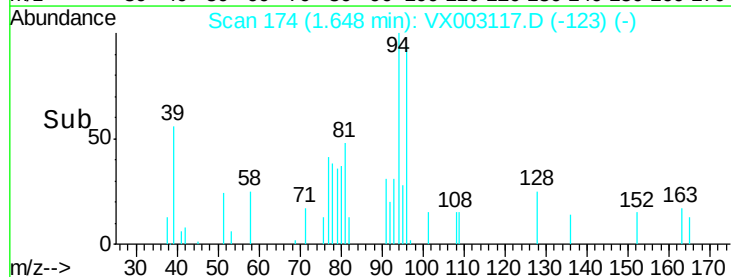
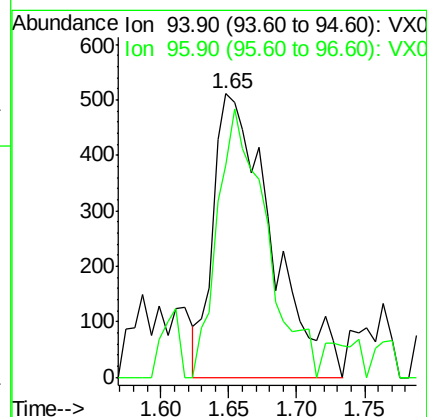
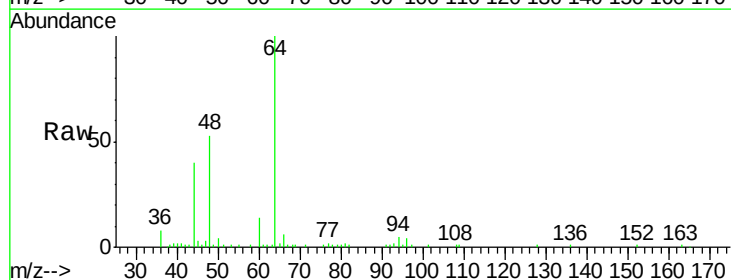
Acq: 01 Jul 2018 09:59

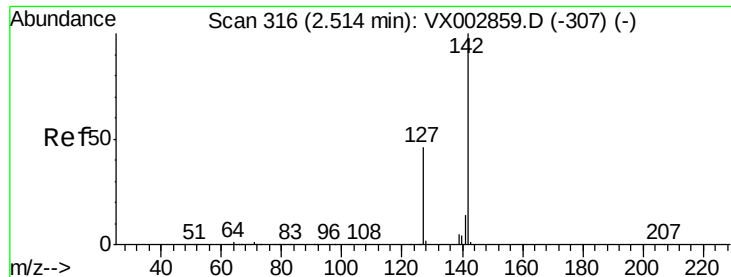
Tgt Ion: 94 Resp: 1526

Ion Ratio Lower Upper

94 100

96 75.0 74.9 112.3

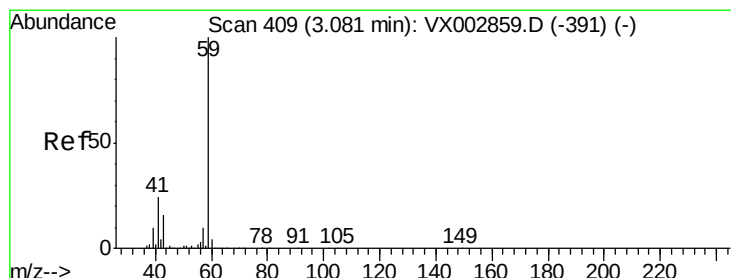
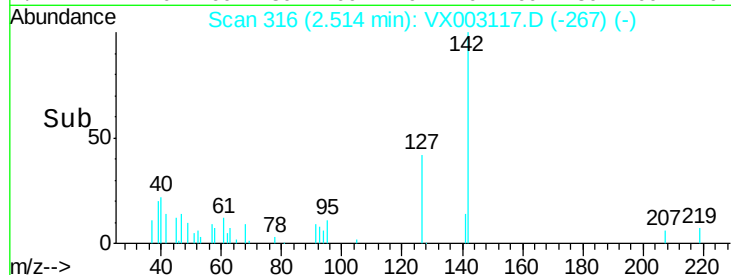
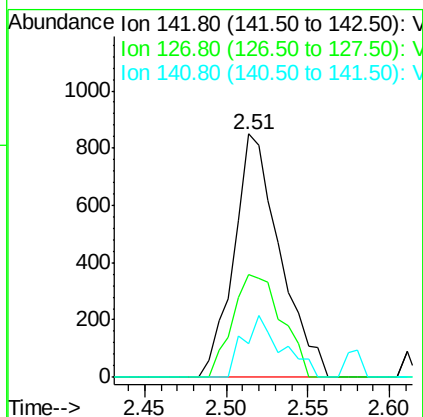
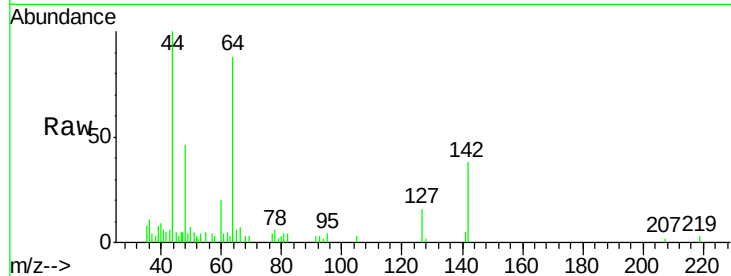




#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

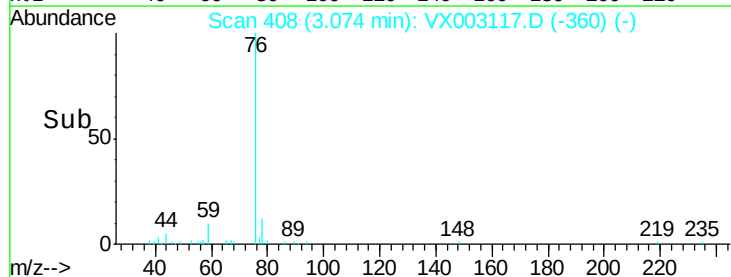
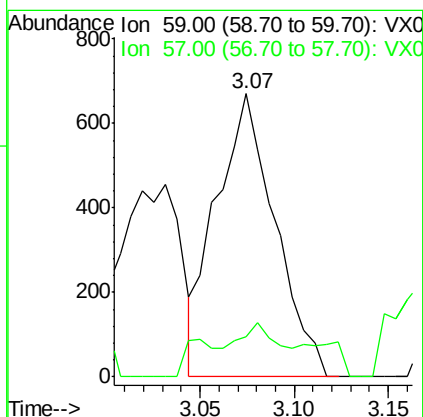
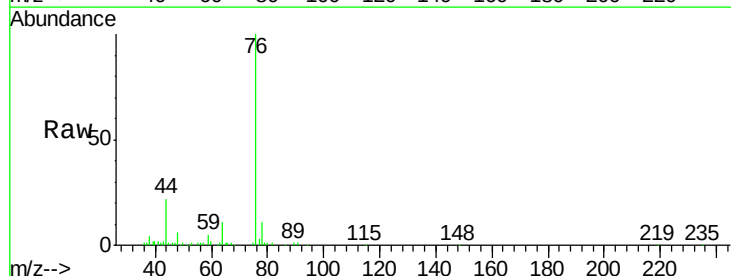
Instrument :
MSVOA_X
ClientSampled :
ULMW-01

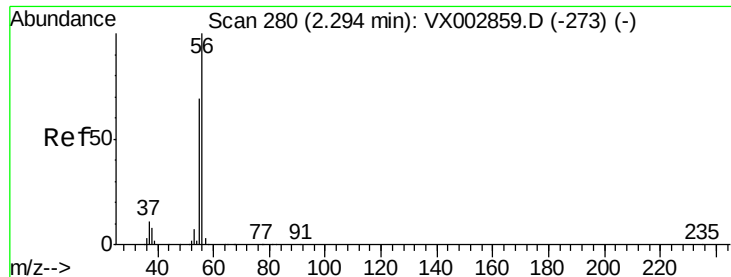
Tot Ion:142 Resp: 1667
Ion Ratio Lower Upper
142 100
127 44.9 36.6 55.0
141 21.1 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.83 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion: 59 Resp: 1454
Ion Ratio Lower Upper
59 100
57 4.5 8.2 12.2#





#13

Acrolein

Concen: 4.96 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampled :

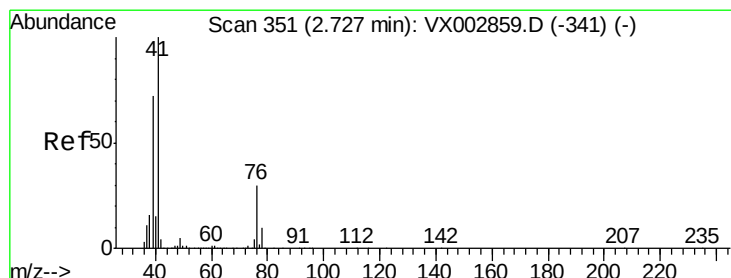
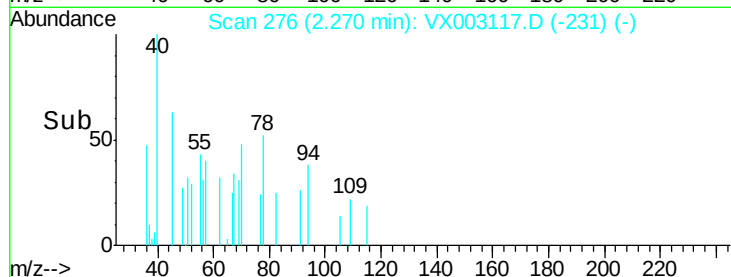
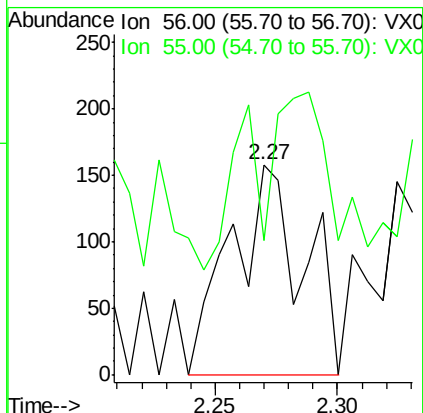
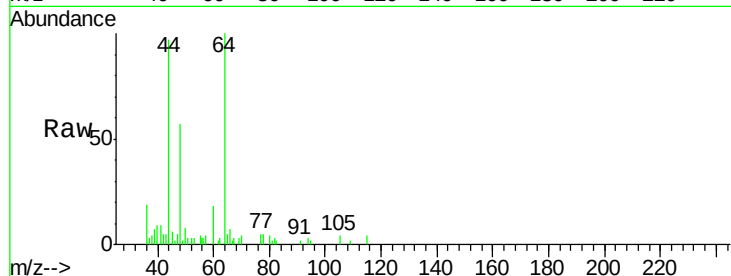
ULMW-01

Tot Ion: 56 Resp: 325

Ion Ratio Lower Upper

56 100

55 28.6 57.0 85.4#



#14

Allyl chloride

Concen: 0.78 ug/l

RT: 2.62 min Scan# 334

Delta R.T. -0.10 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

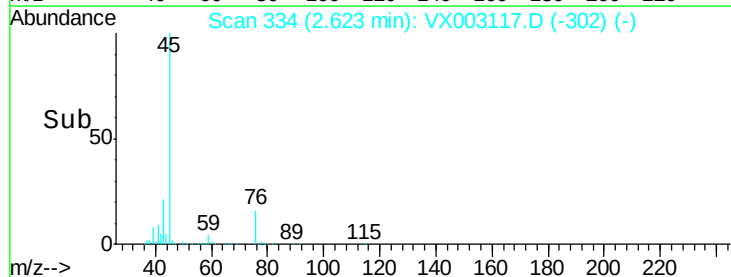
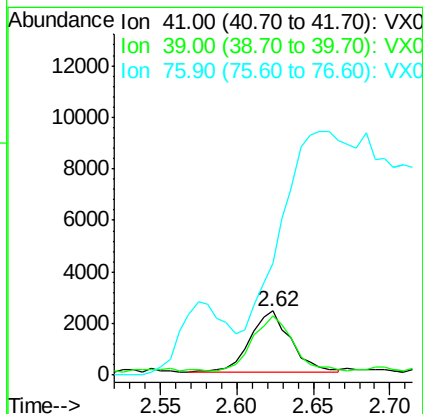
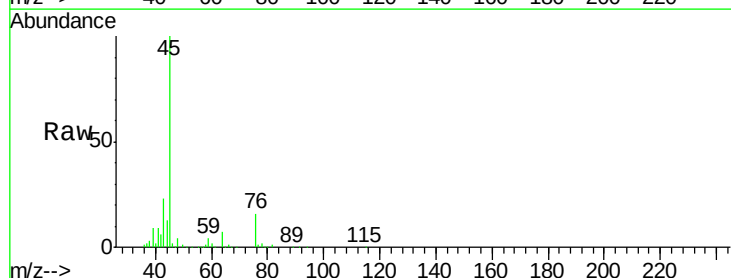
Tgt Ion: 41 Resp: 4354

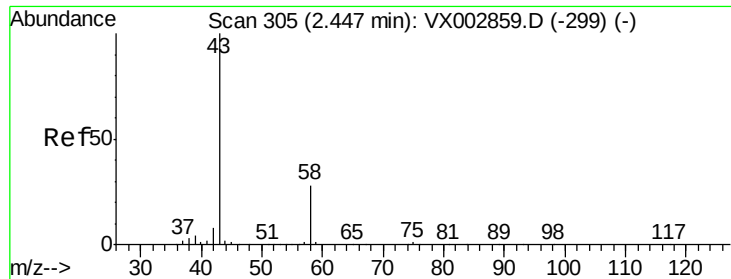
Ion Ratio Lower Upper

41 100

39 92.2 56.8 85.2#

76 0.0 23.8 35.8#





#16

Acetone

Concen: 2.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

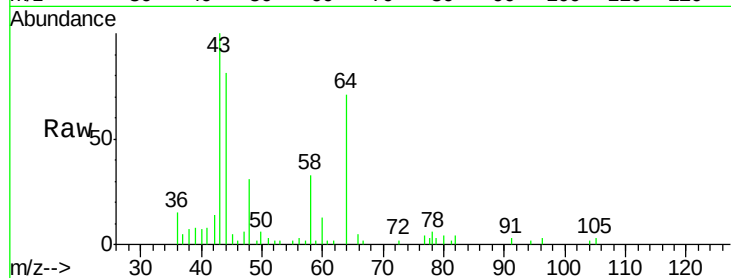
ULMW-01

Tot Ion: 43 Resp: 4830

Ion Ratio Lower Upper

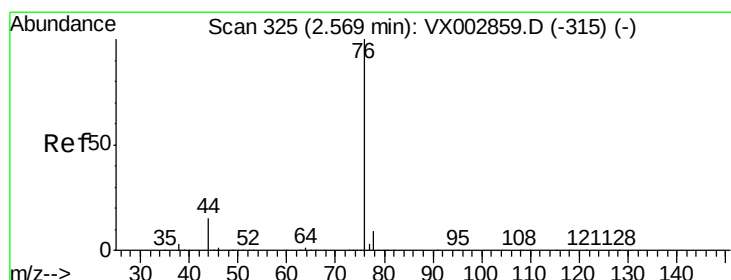
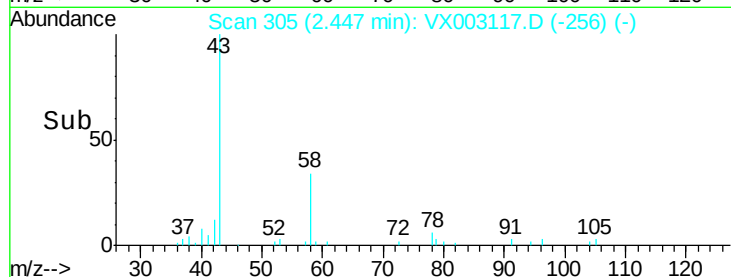
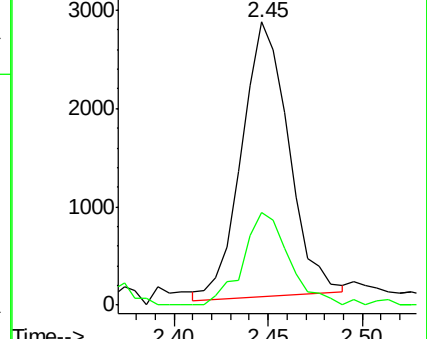
43 100

58 34.5 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.80 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003117.D

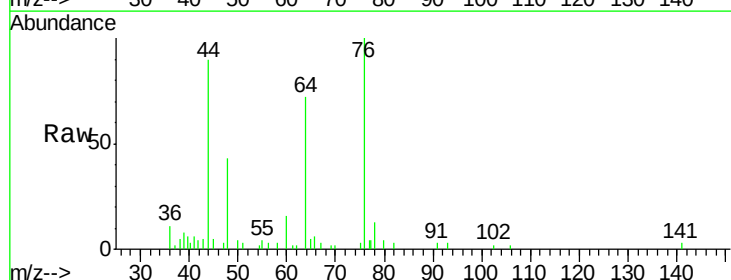
Acq: 01 Jul 2018 09:59

Tgt Ion: 76 Resp: 6054

Ion Ratio Lower Upper

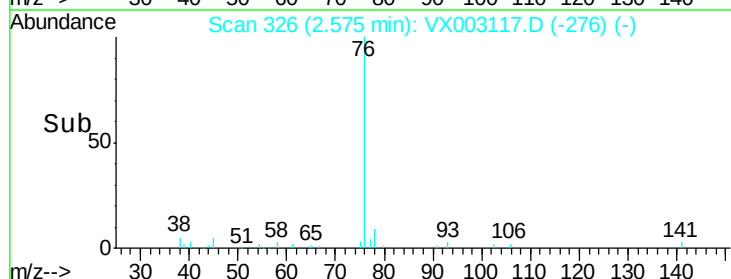
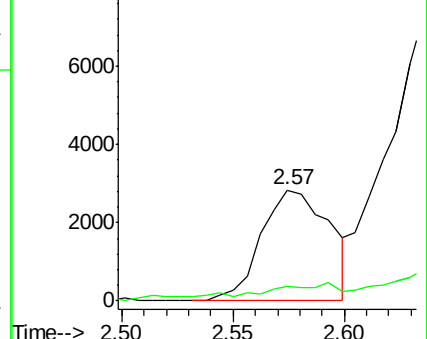
76 100

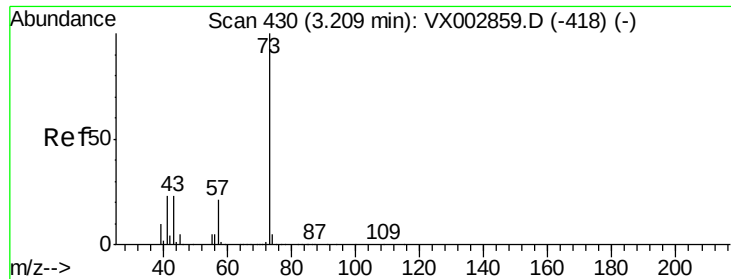
78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

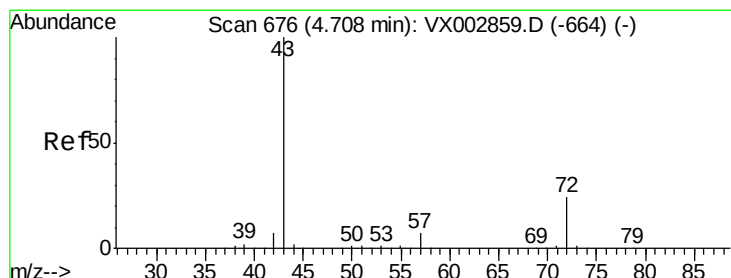
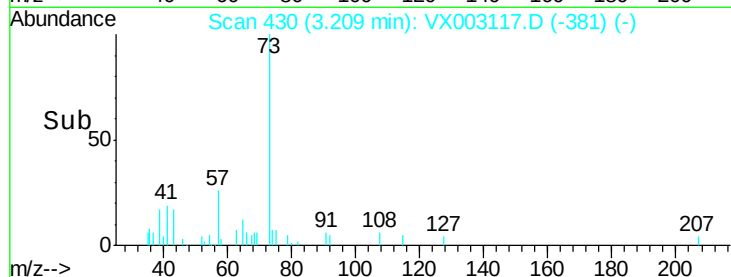
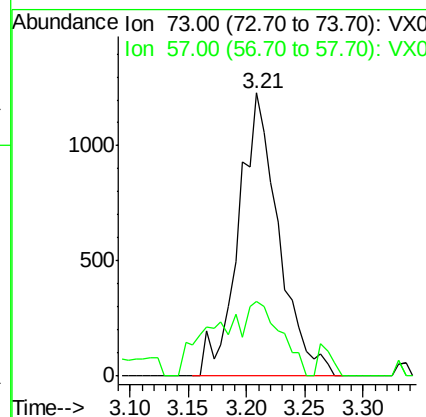
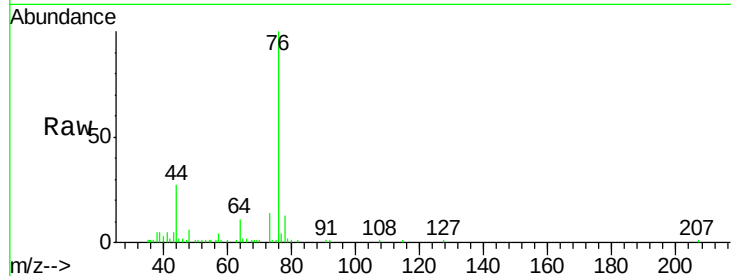




#19
Methyl tert-butyl Ether
Concen: 0.29 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

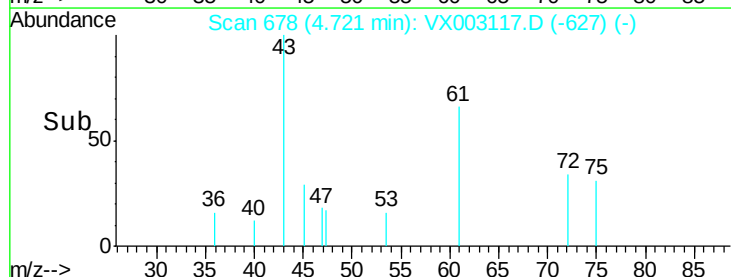
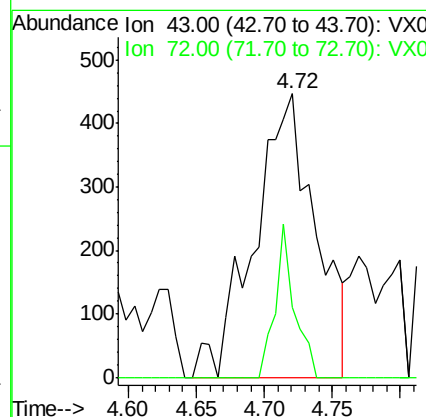
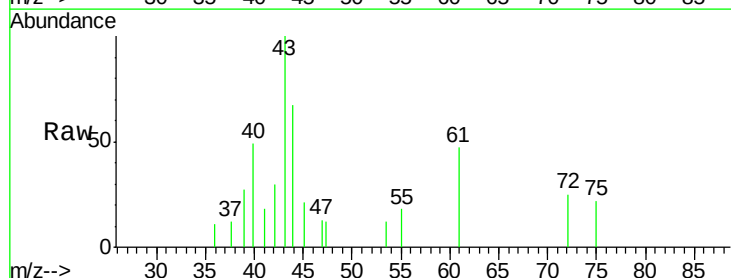
Instrument :
MSVOA_X
ClientSampled :
ULMW-01

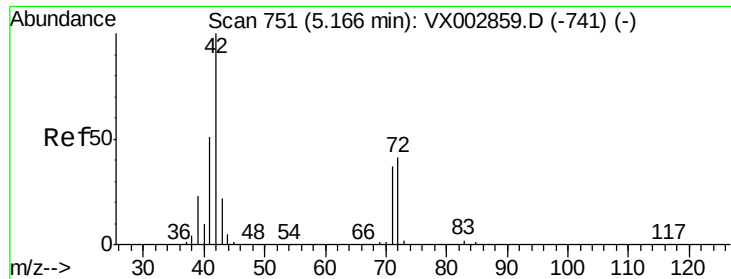
Tot Ion: 73 Resp: 2955
Ion Ratio Lower Upper
73 100
57 26.4 17.7 26.5



#25
2-Butanone
Concen: 0.57 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
72 24.6 18.5 27.7





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampled :

ULMW-01

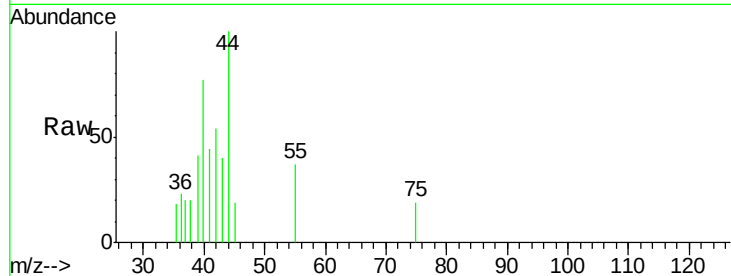
Tot Ion: 42 Resp: 378

Ion Ratio Lower Upper

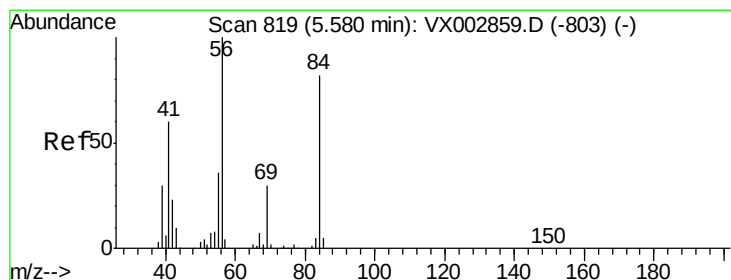
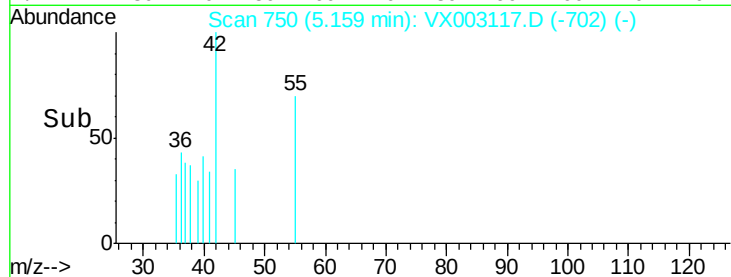
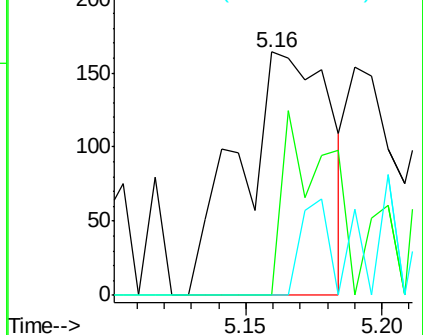
42 100

72 37.0 32.0 48.0

71 11.9 30.1 45.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.72 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

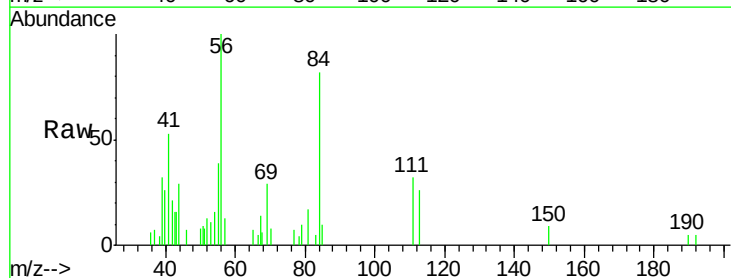
Tgt Ion: 56 Resp: 3598

Ion Ratio Lower Upper

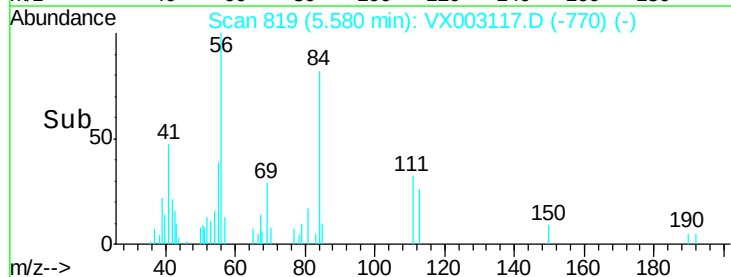
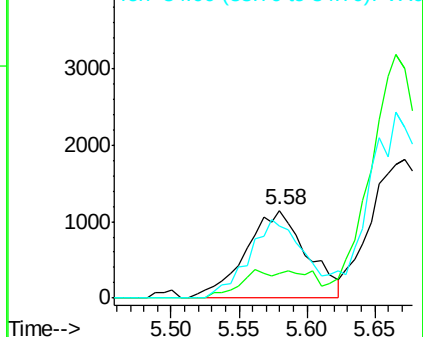
56 100

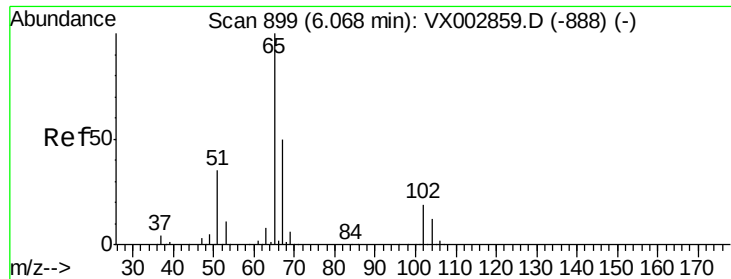
69 28.8 23.7 35.5

84 82.2 64.1 96.1



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

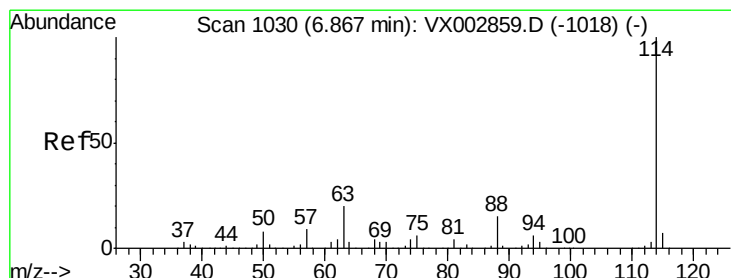
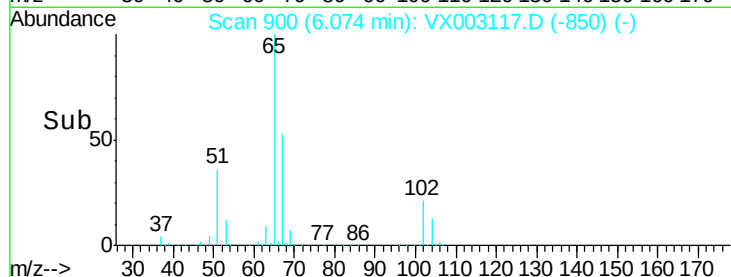
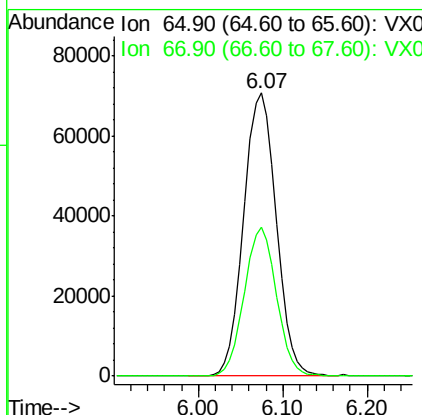
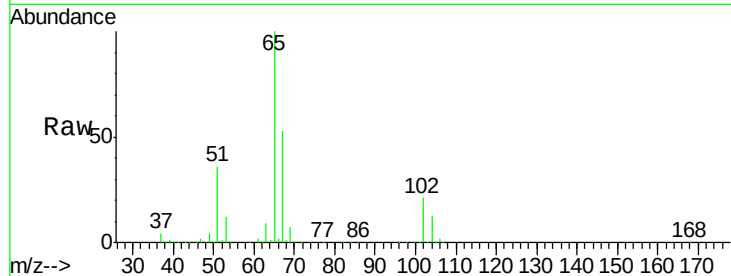




#33
 1,2-Dichloroethane-d4
 Concen: 46.73 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003117.D
 Acq: 01 Jul 2018 09:59

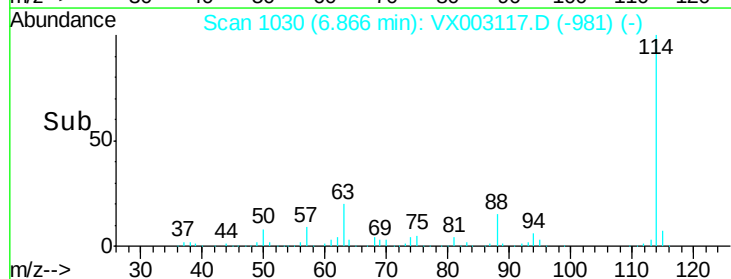
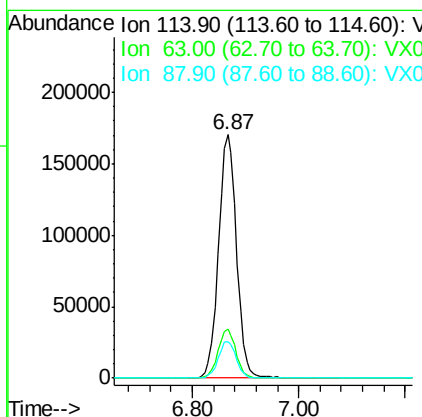
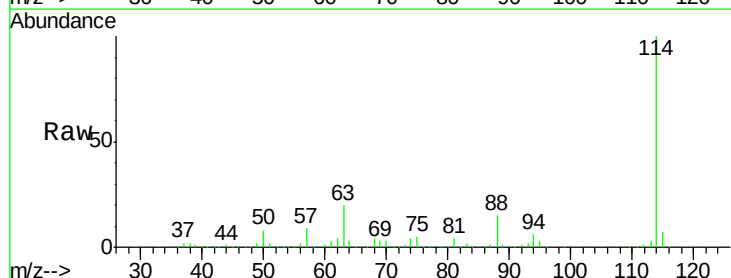
Instrument :
 MSVOA_X
 ClientSampleId :
 ULMW-01

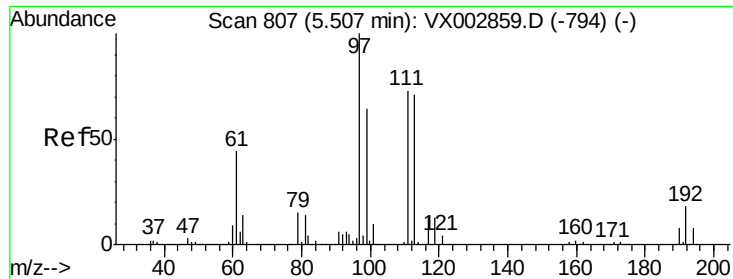
Tot Ion: 65 Resp: 185930
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003117.D
 Acq: 01 Jul 2018 09:59

Tgt Ion: 114 Resp: 401589
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.1 0.0 30.0

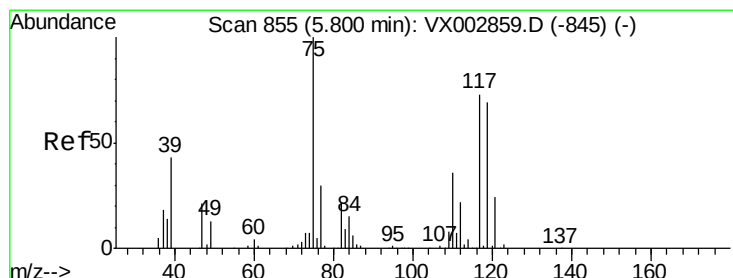
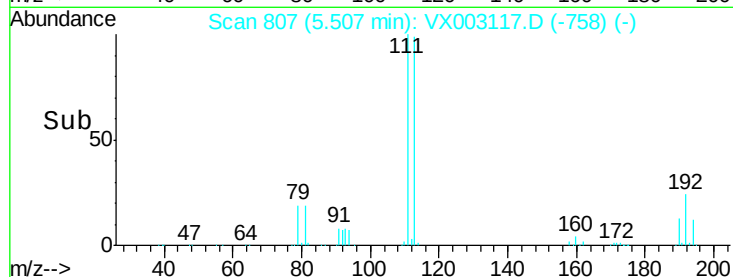
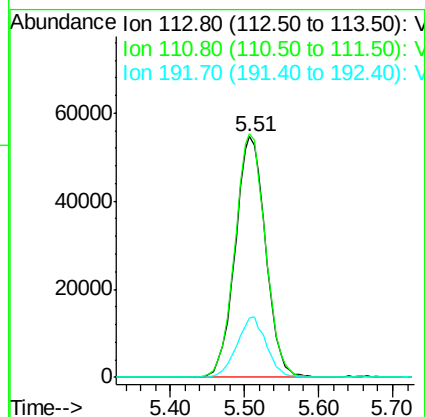
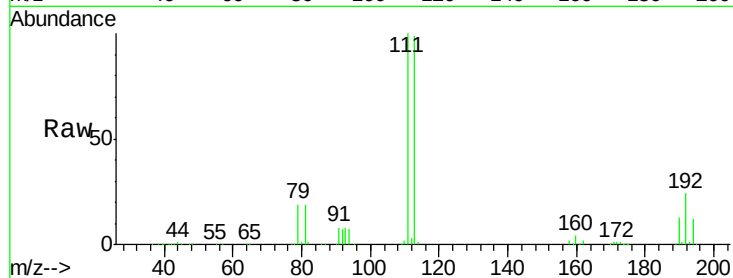




#35
Dibromofluoromethane
Concen: 49.05 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

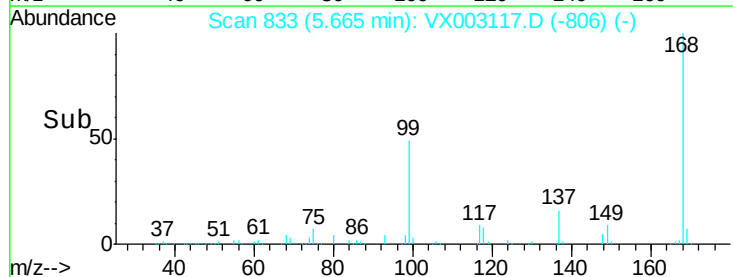
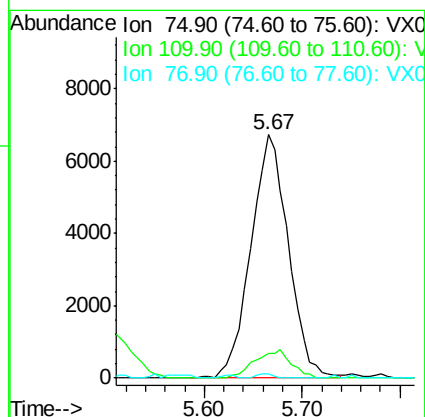
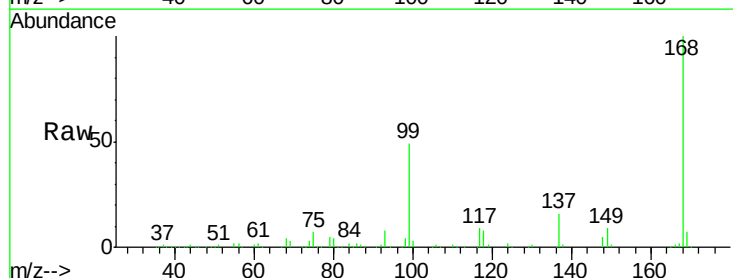
Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

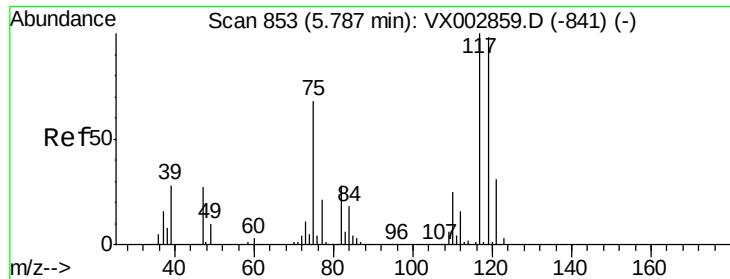
Tot Ion:113 Resp: 155994
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 24.4 19.1 28.7



#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion: 75 Resp: 17976
Ion Ratio Lower Upper
75 100
110 11.2 18.1 54.4#
77 0.7 24.3 36.5#

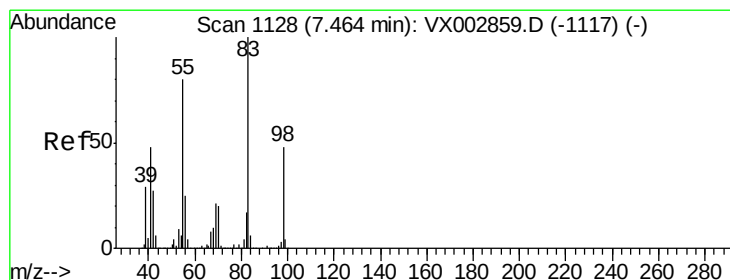
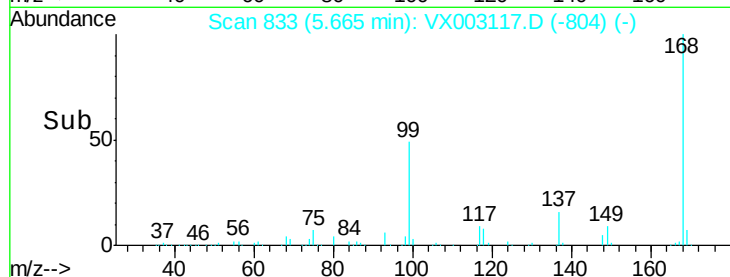
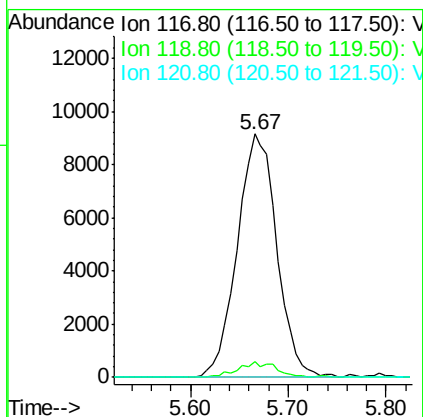
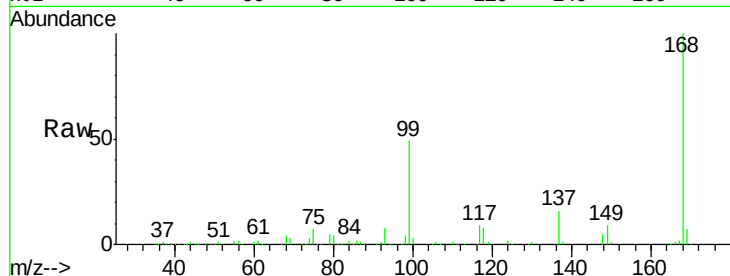




#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

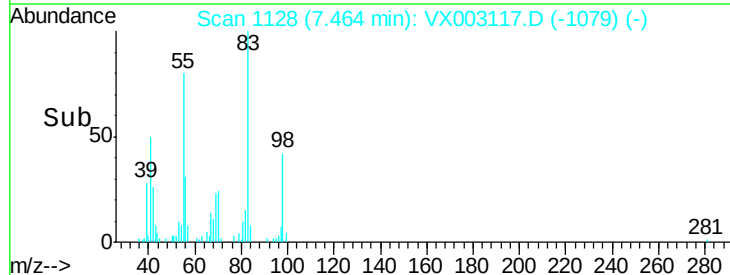
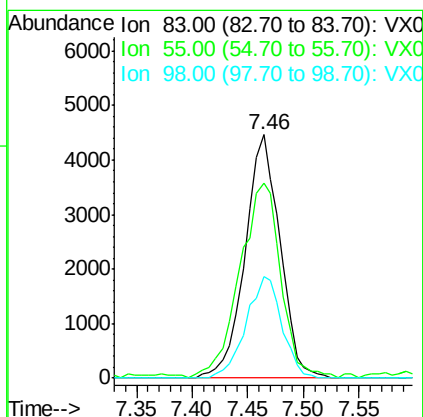
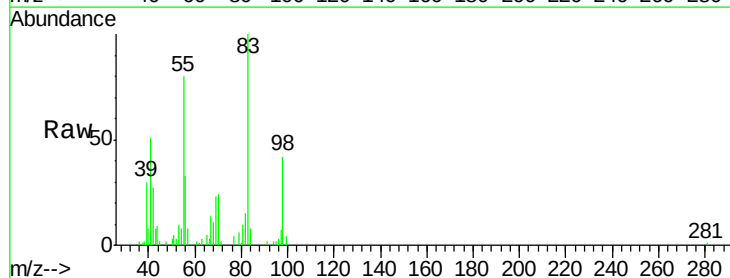
Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

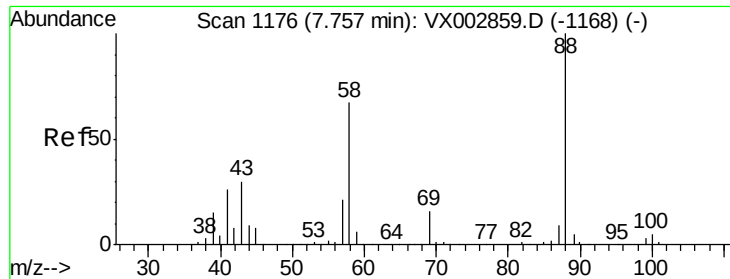
Tot Ion:117 Resp: 25610
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion: 83 Resp: 9750
Ion Ratio Lower Upper
83 100
55 80.3 65.4 98.0
98 41.9 37.4 56.0





#49

1,4-Dioxane

Concen: 0.24 ug/l

RT: 7.82 min Scan# 1187

Delta R.T. 0.07 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

ULMW-01

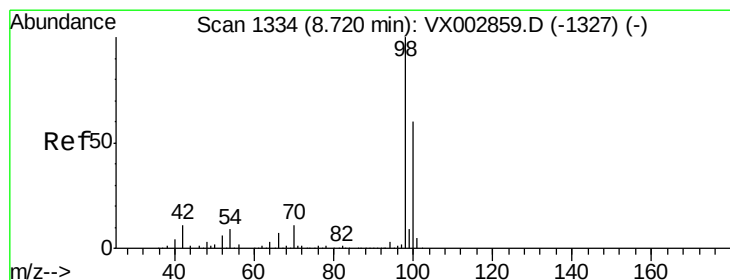
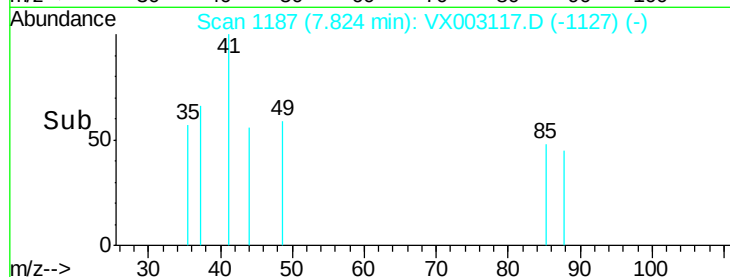
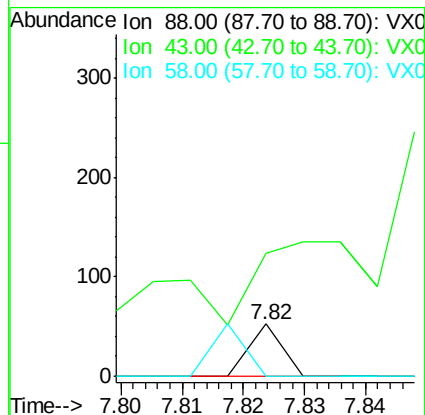
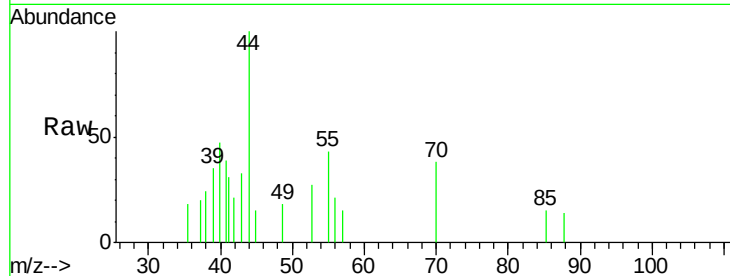
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.6#

58 100.0 57.1 85.7#



#50

Toluene-d8

Concen: 48.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003117.D

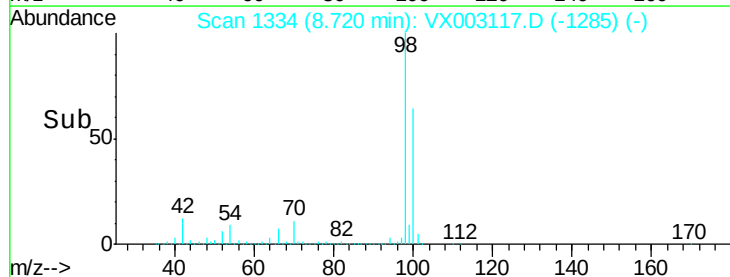
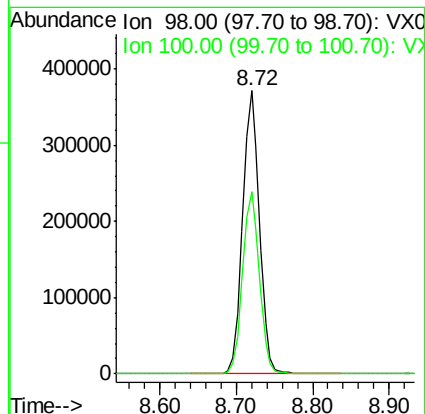
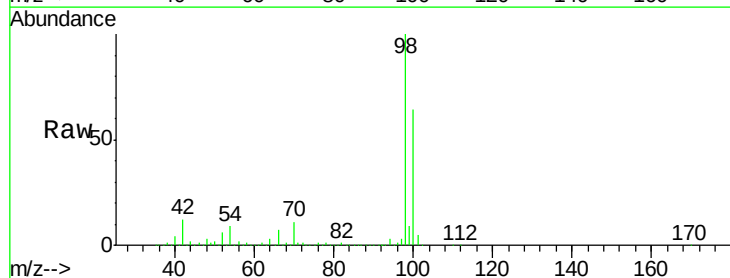
Acq: 01 Jul 2018 09:59

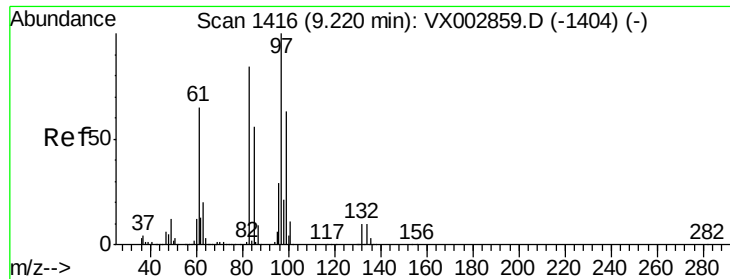
Tgt Ion: 98 Resp: 565229

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3

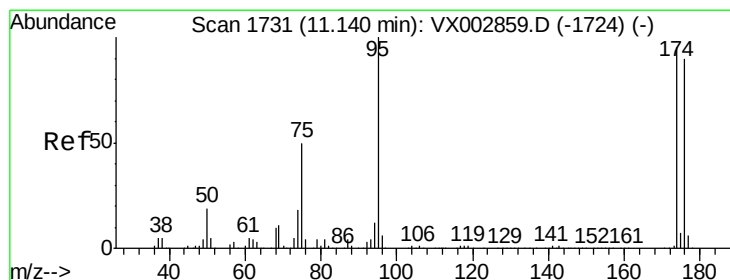
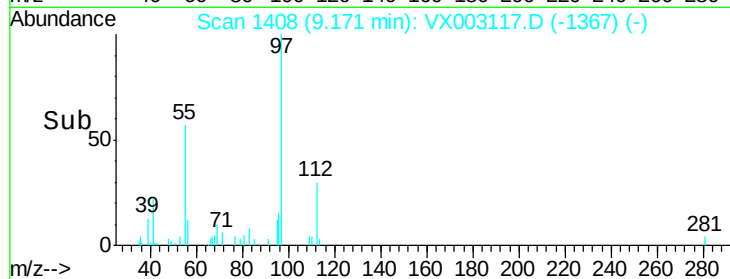
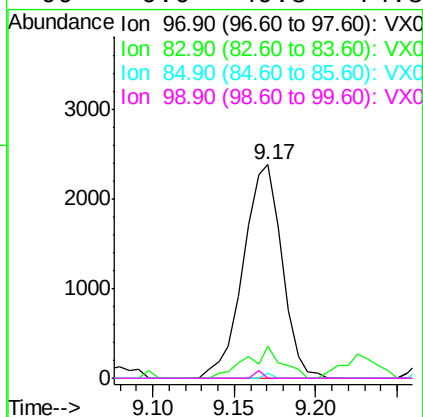
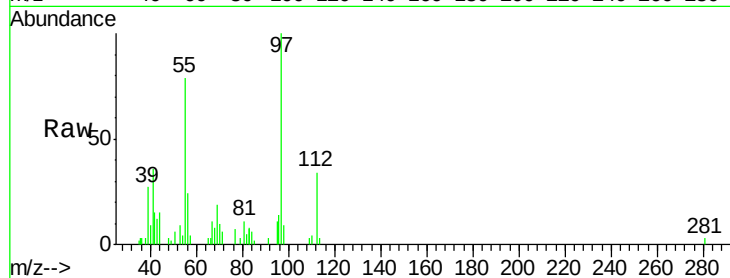




#55
 1,1,2-Trichloroethane
 Concen: 1.17 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX003117.D
 Acq: 01 Jul 2018 09:59

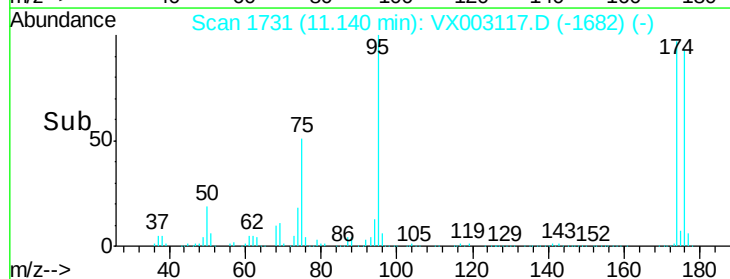
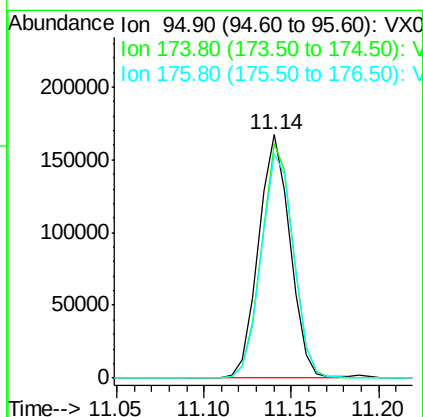
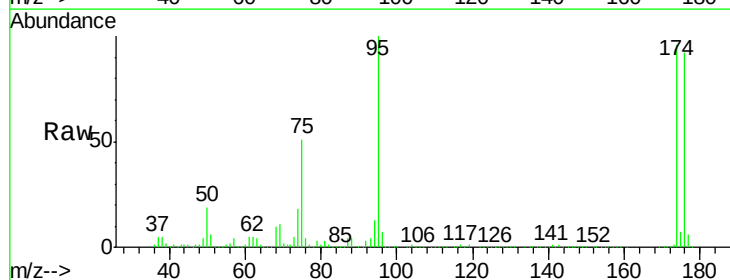
Instrument :
 MSVOA_X
 ClientSampleId :
 ULMW-01

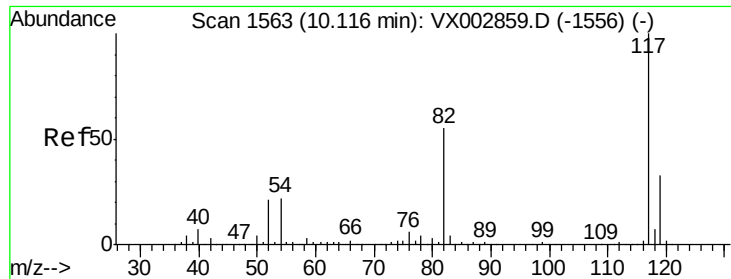
Tot Ion: 97 Resp: 3937
 Ion Ratio Lower Upper
 97 100
 83 14.9 70.2 105.2#
 85 2.4 44.9 67.3#
 99 0.0 49.8 74.8#



#62
 4-Bromofluorobenzene
 Concen: 46.85 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003117.D
 Acq: 01 Jul 2018 09:59

Tgt Ion: 95 Resp: 209818
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 187.4
 176 95.0 0.0 181.0

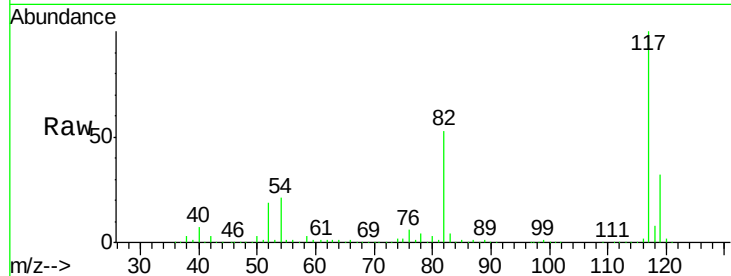




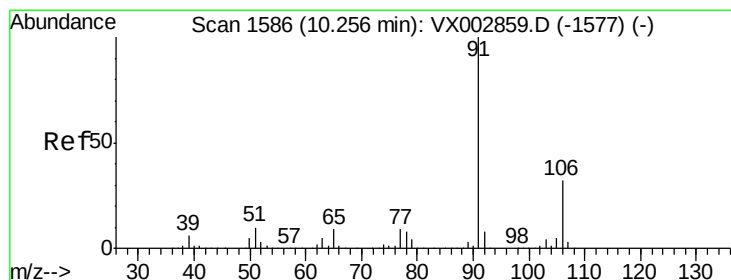
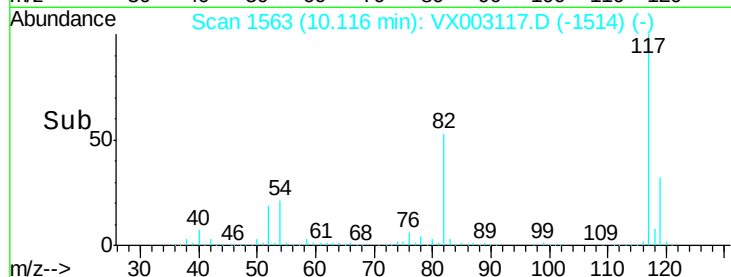
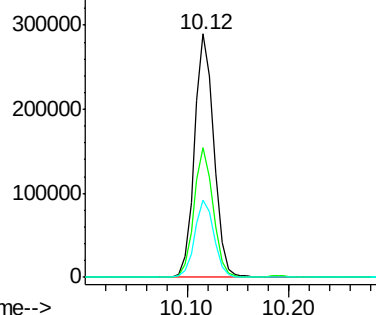
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

Tot Ion:117 Resp: 381196
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 31.5 25.8 38.6

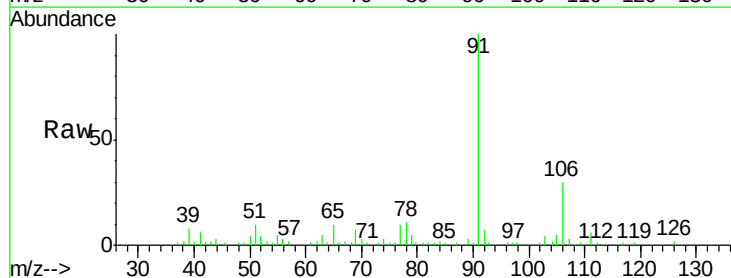


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

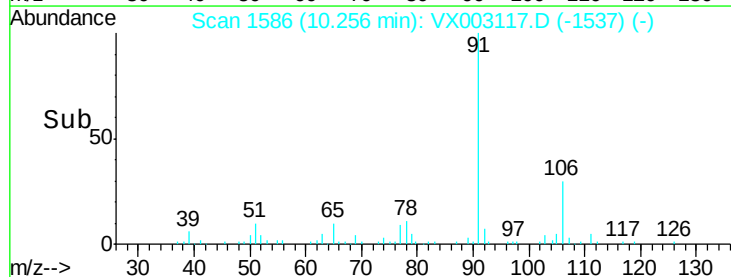
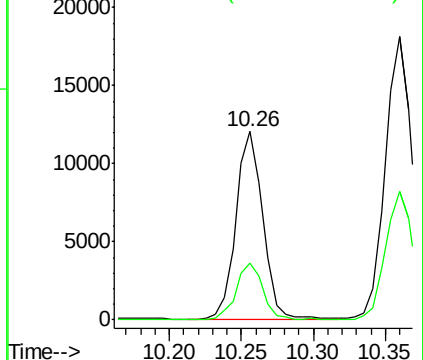


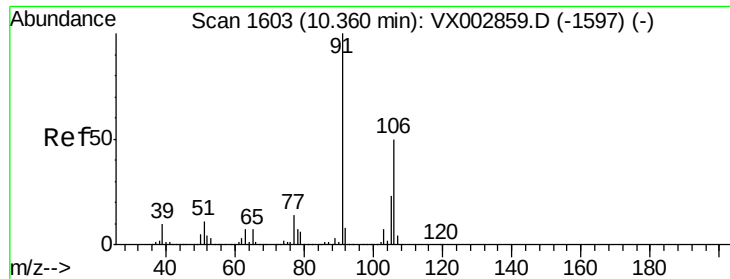
#67
Ethyl Benzene
Concen: 1.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion: 91 Resp: 15993
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



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

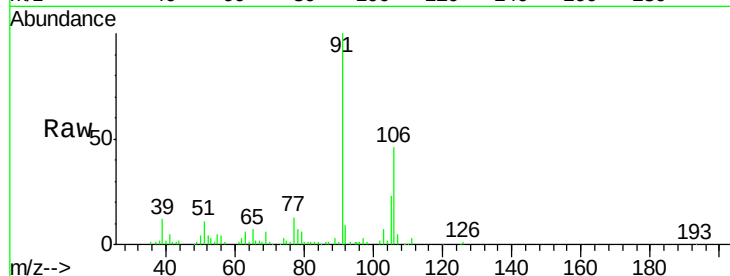




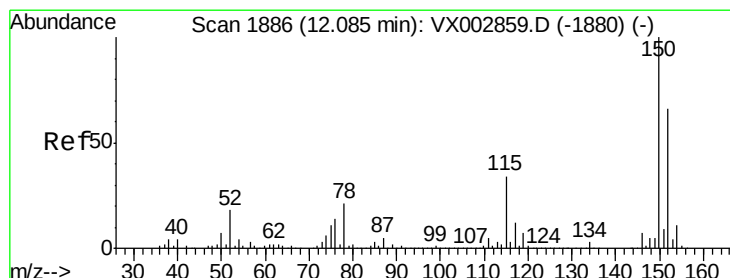
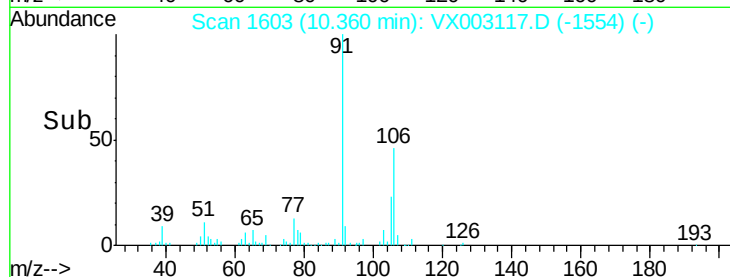
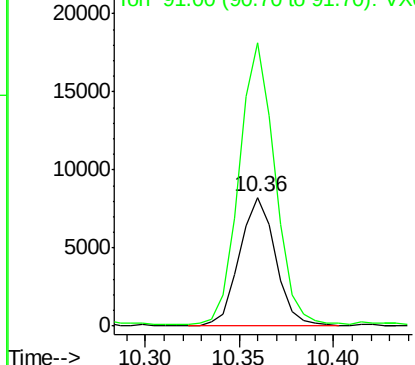
#68
m/p-Xvlenes
Concen: 1.79 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

Tot Ion:106 Resp: 11017
Ion Ratio Lower Upper
106 100
91 215.6 163.4 245.2

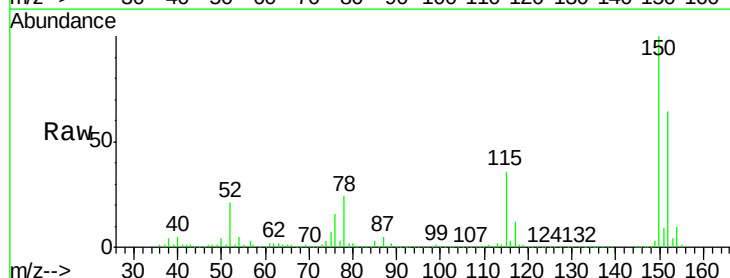


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

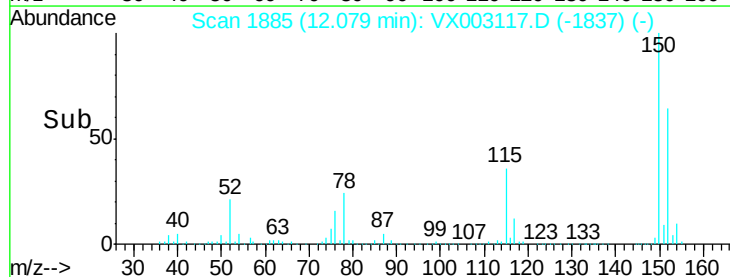
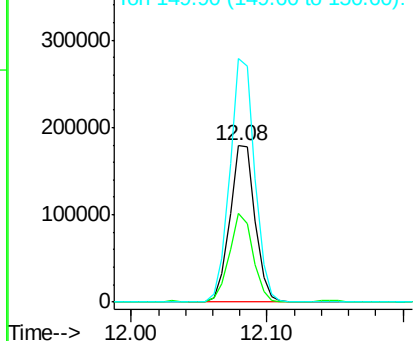


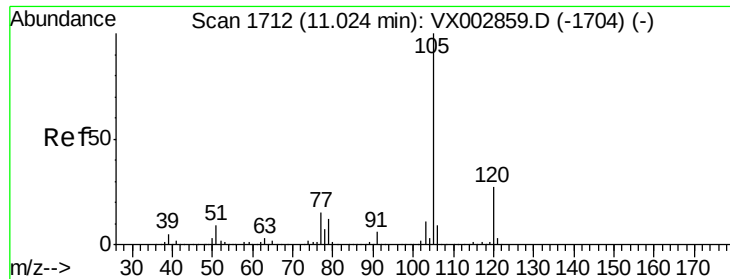
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion:152 Resp: 229166
Ion Ratio Lower Upper
152 100
115 53.6 40.1 120.2
150 154.7 0.0 347.2



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: 1.41 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

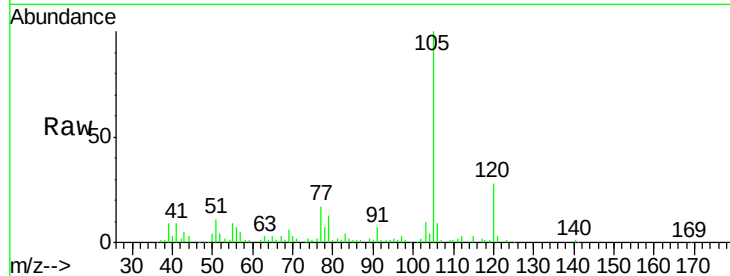
ULMW-01

Tot Ion:105 Resp: 21680

Ion Ratio Lower Upper

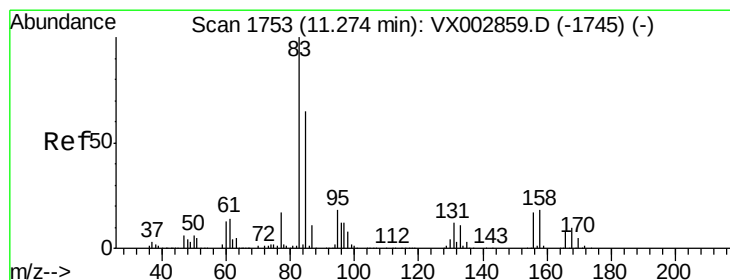
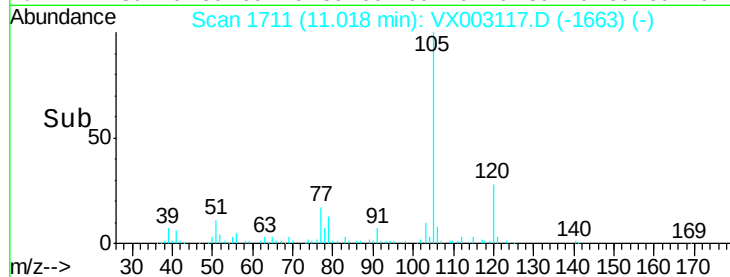
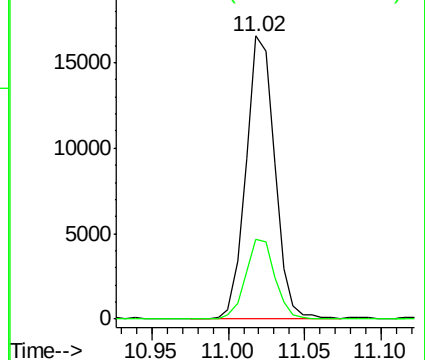
105 100

120 28.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.28 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

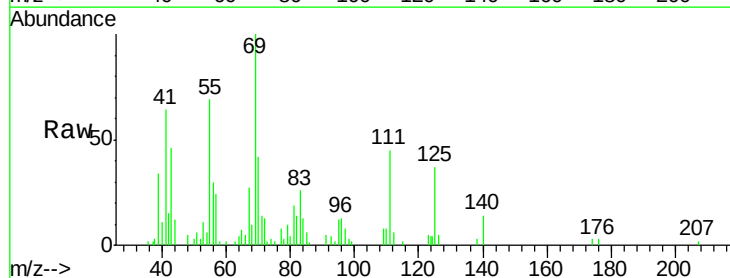
Tgt Ion: 83 Resp: 1321

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

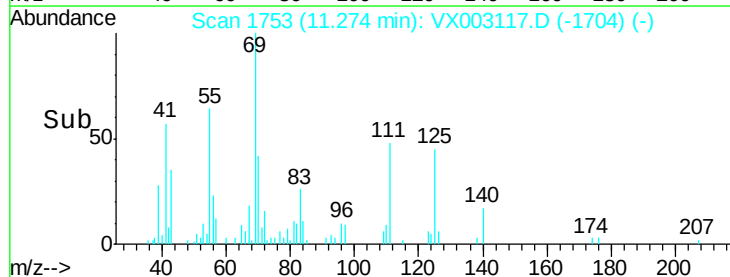
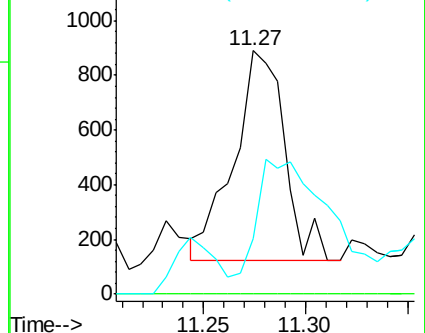
85 77.0 32.4 97.2

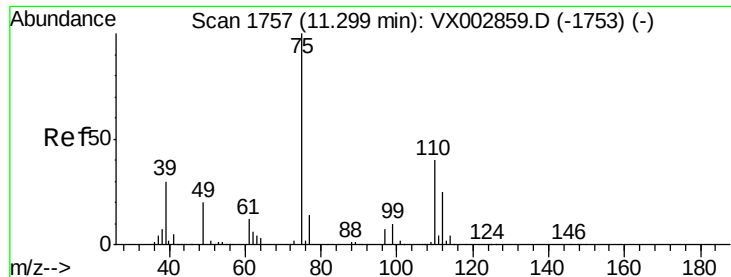


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 26.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

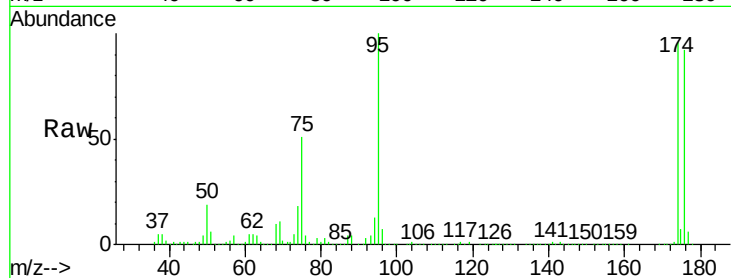
ULMW-01

Tot Ion: 75 Resp: 108218

Ion Ratio Lower Upper

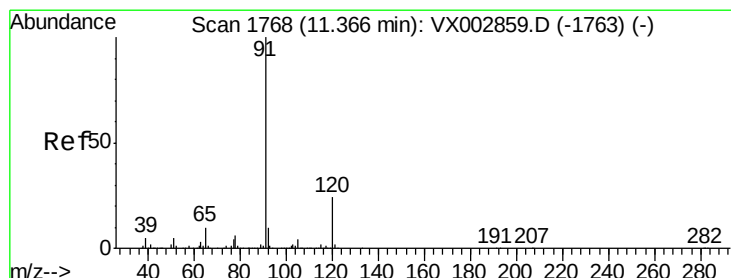
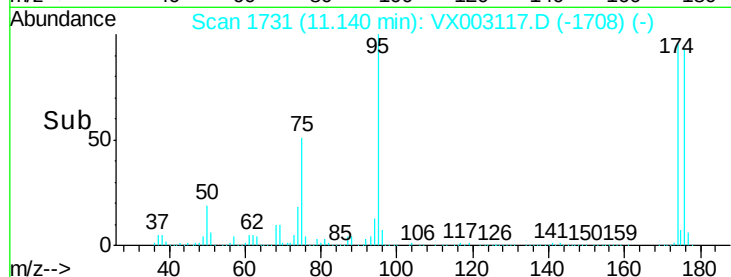
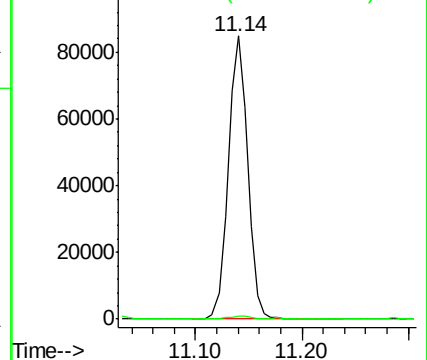
75 100

77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 2.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003117.D

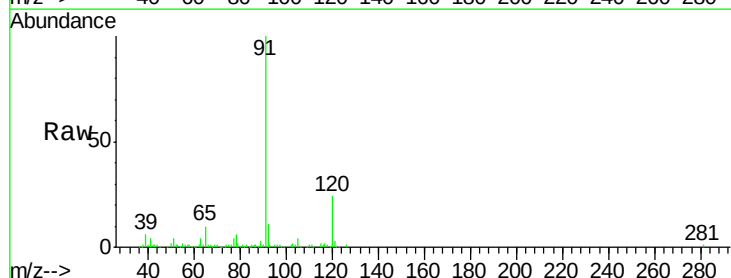
Acq: 01 Jul 2018 09:59

Tgt Ion: 91 Resp: 43990

Ion Ratio Lower Upper

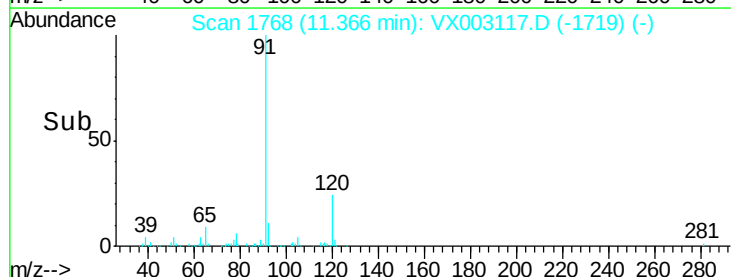
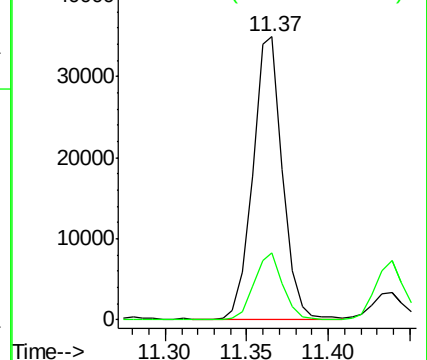
91 100

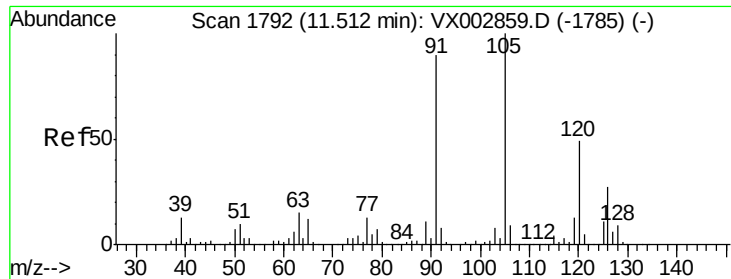
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

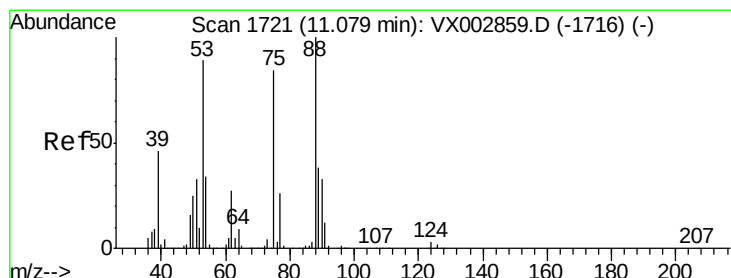
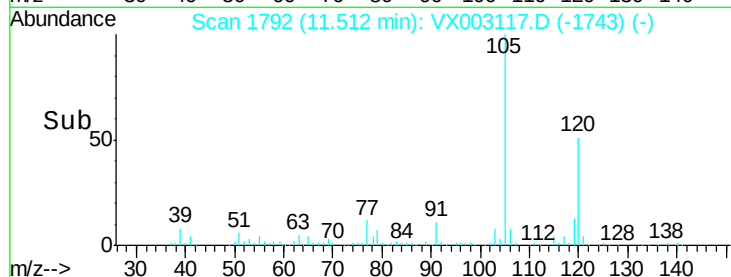
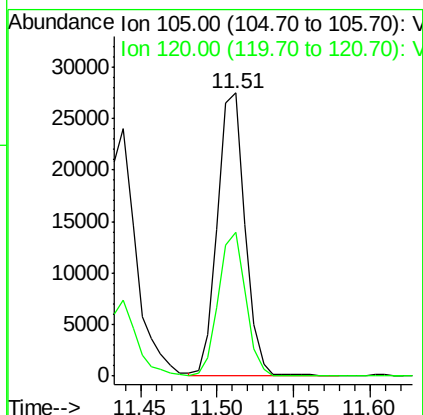
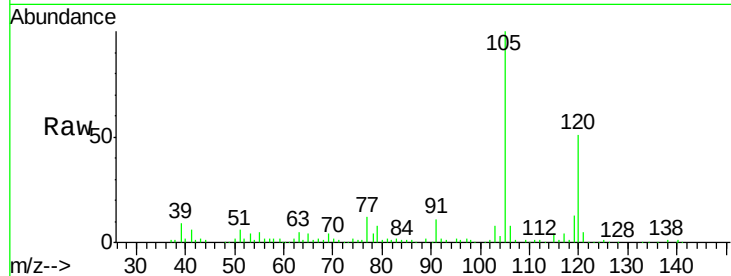




#80
 1,3,5-Trimethylbenzene
 Concen: 2.65 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003117.D
 Acq: 01 Jul 2018 09:59

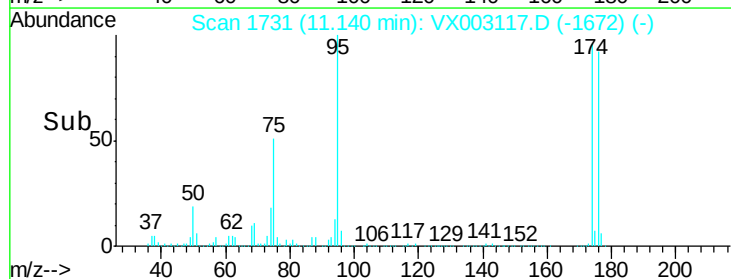
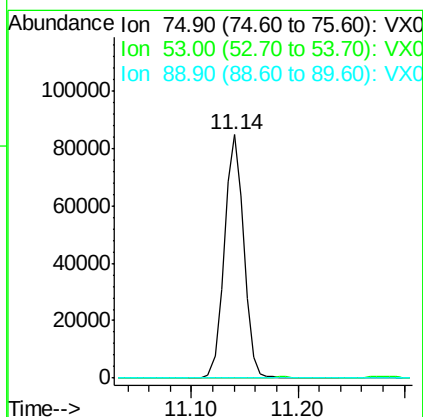
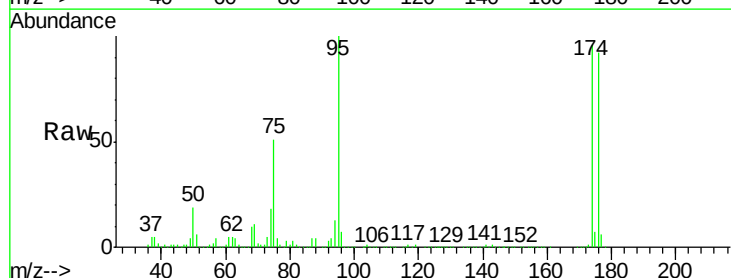
Instrument :
 MSVOA_X
 ClientSampleId :
 ULMW-01

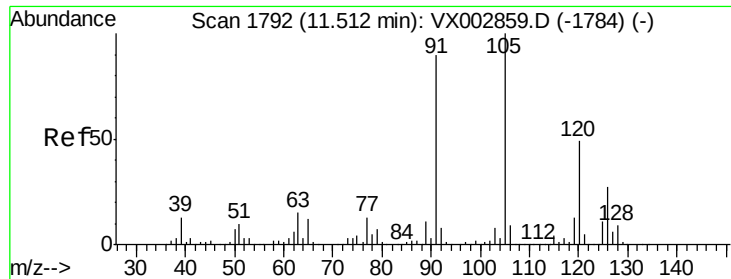
Tot Ion:105 Resp: 34406
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.92 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003117.D
 Acq: 01 Jul 2018 09:59

Tgt Ion: 75 Resp: 108218
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.8 130.2#
 89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

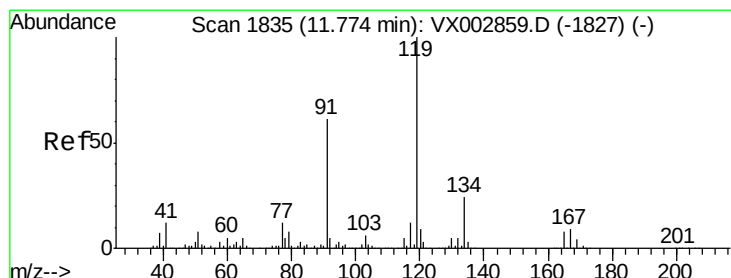
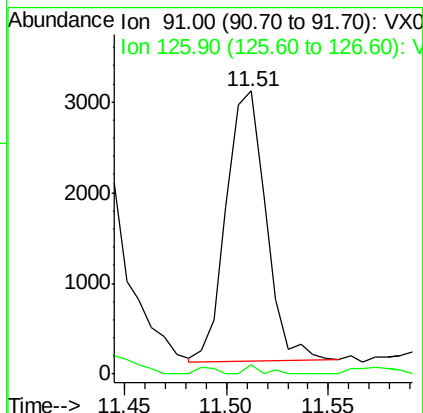
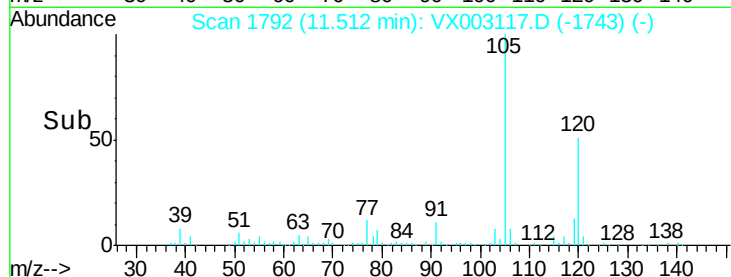
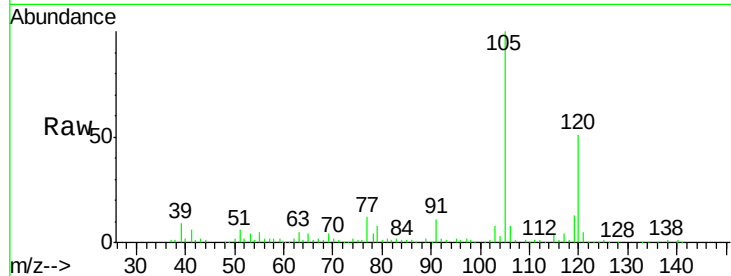
ULMW-01

Tot Ion: 91 Resp: 4016

Ion Ratio Lower Upper

91 100

126 1.5 15.4 46.4#



#83

tert-Butylbenzene

Concen: 0.33 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

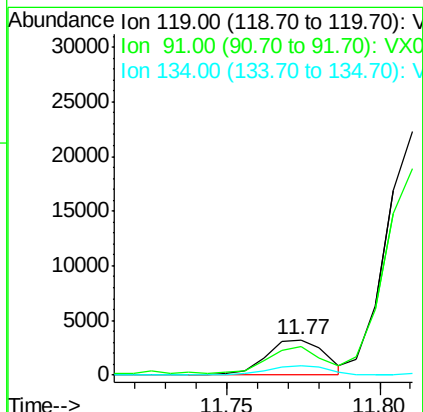
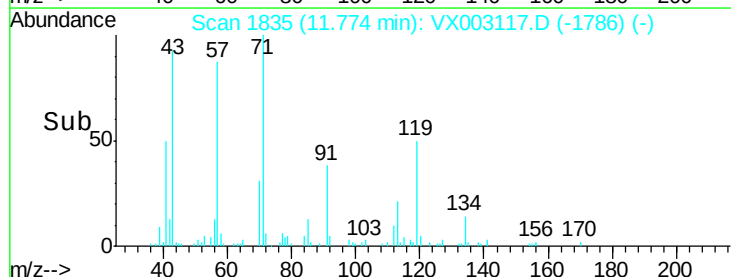
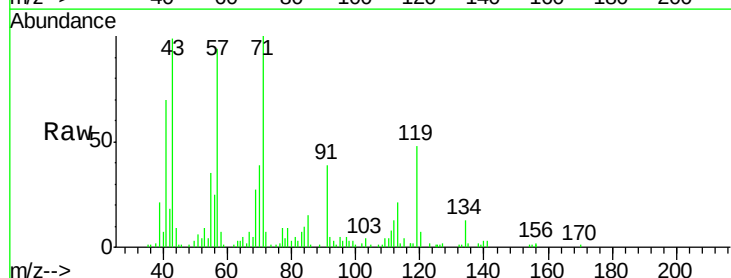
Tgt Ion: 119 Resp: 4254

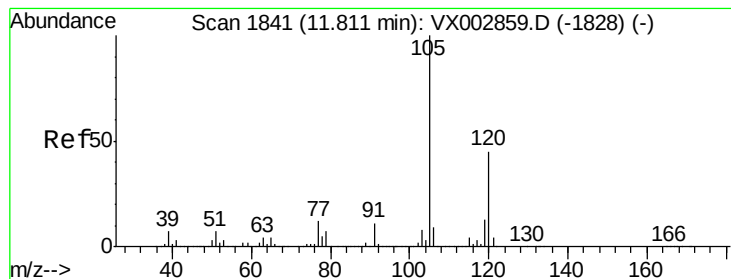
Ion Ratio Lower Upper

119 100

91 70.4 30.3 90.9

134 29.4 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 15.86 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

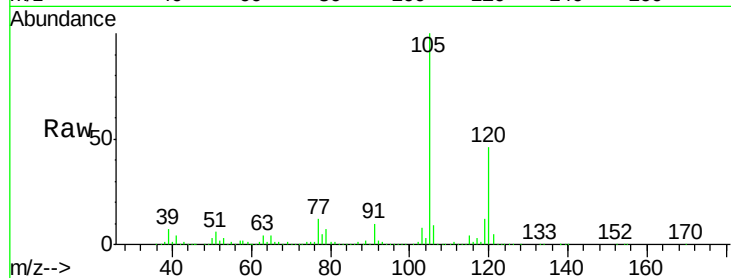
ULMW-01

Tot Ion:105 Resp: 213423

Ion Ratio Lower Upper

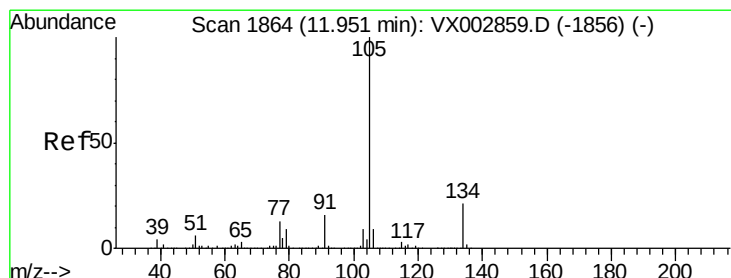
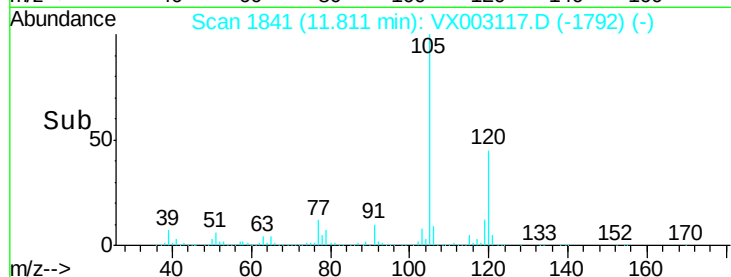
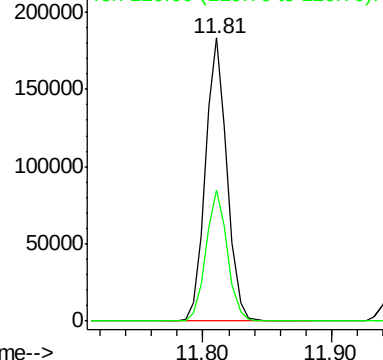
105 100

120 46.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.60 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003117.D

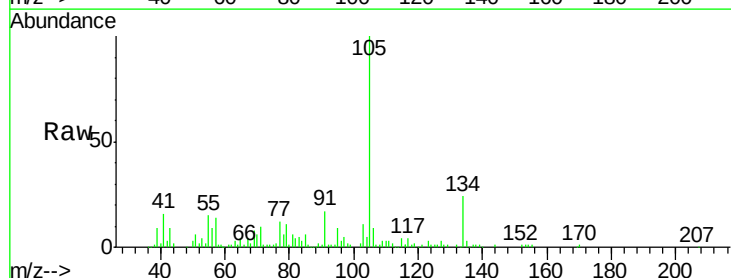
Acq: 01 Jul 2018 09:59

Tgt Ion:105 Resp: 24899

Ion Ratio Lower Upper

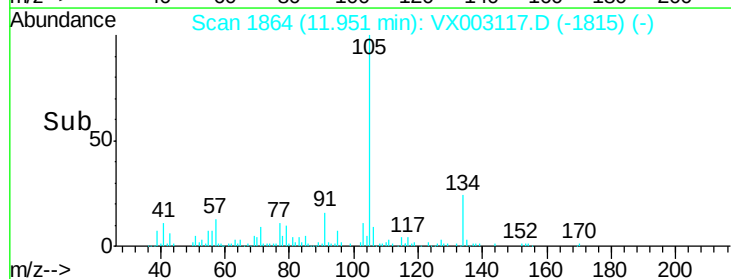
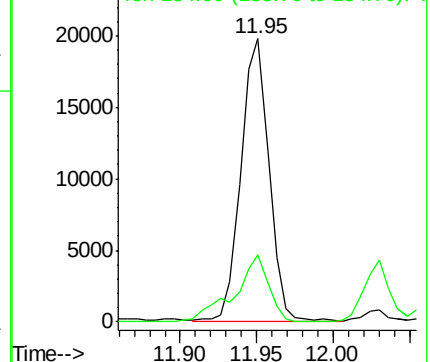
105 100

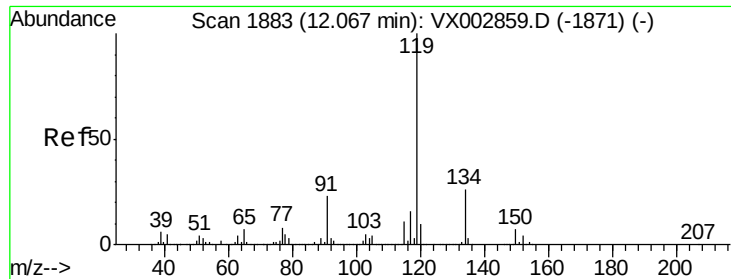
134 29.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

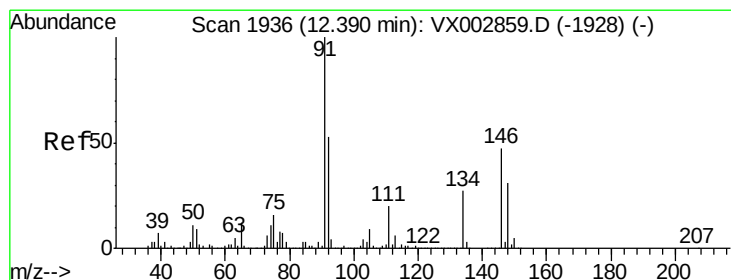
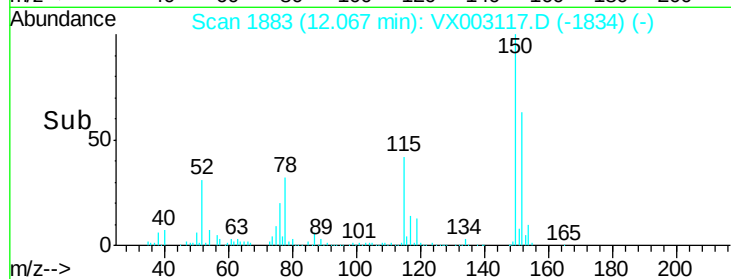
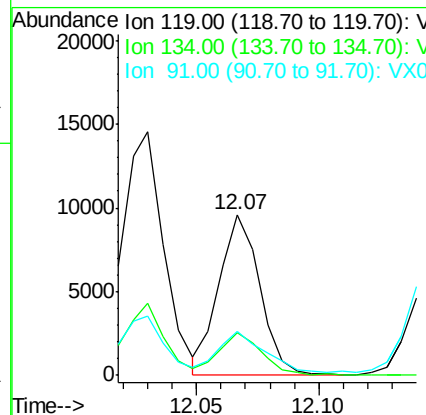
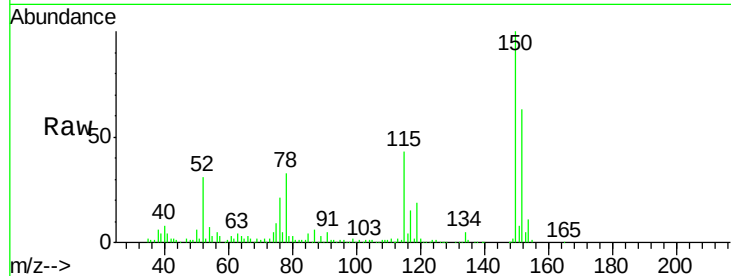




#86
p-Isopropyltoluene
Concen: 0.81 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

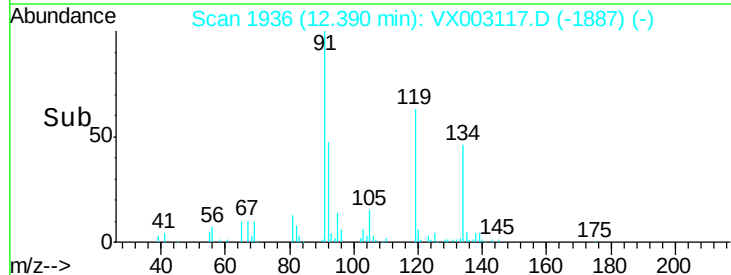
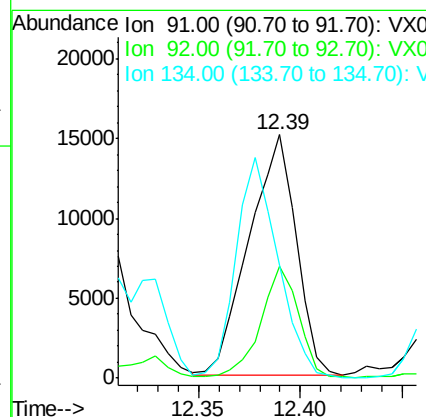
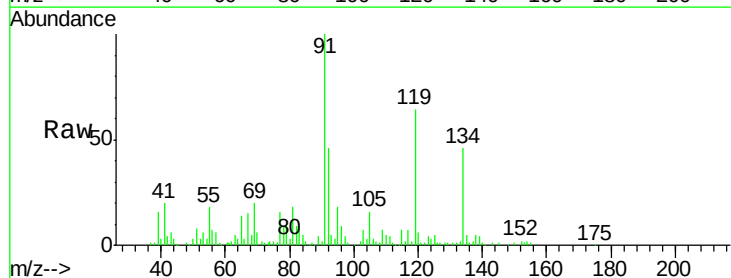
Instrument :
MSVOA_X
ClientSampled :
ULMW-01

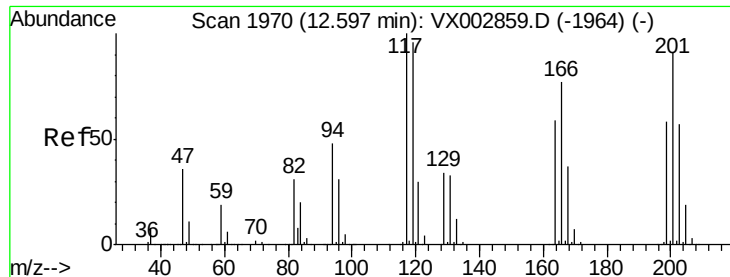
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.4	40.1
91	28.0	11.9	35.7



#89
n-Butylbenzene
Concen: 1.98 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.3	26.0	78.0
134	81.9	13.5	40.5





#90

Hexachloroethane

Concen: 2.90 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

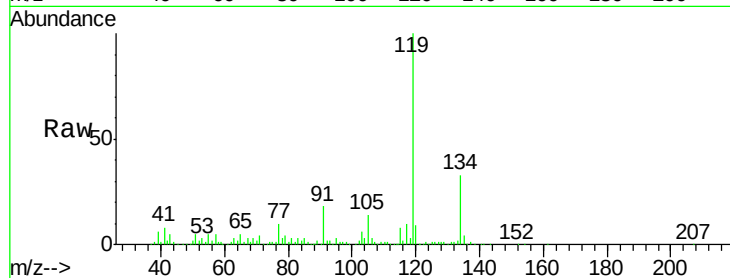
ULMW-01

Tot Ion:117 Resp: 6017

Ion Ratio Lower Upper

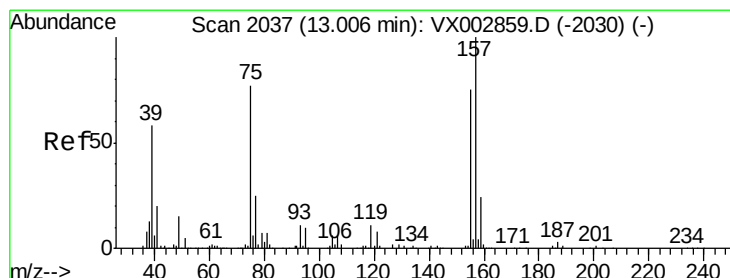
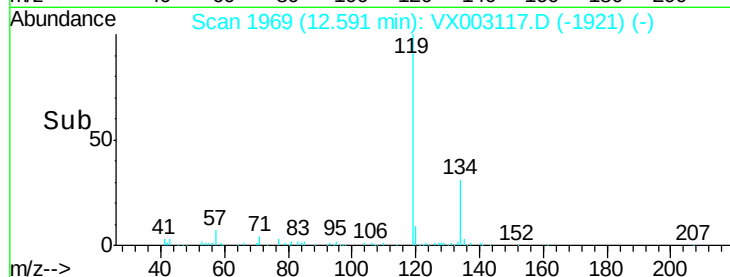
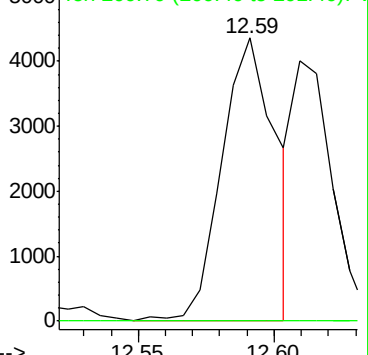
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.16 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:59

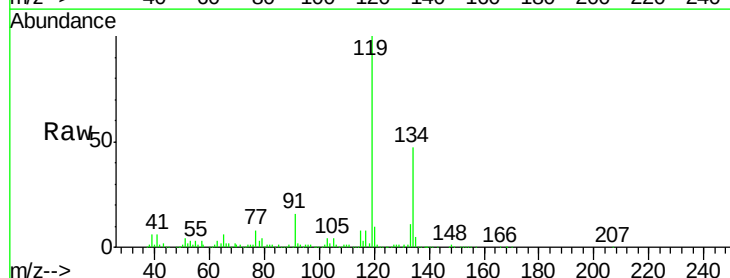
Tgt Ion: 75 Resp: 1240

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

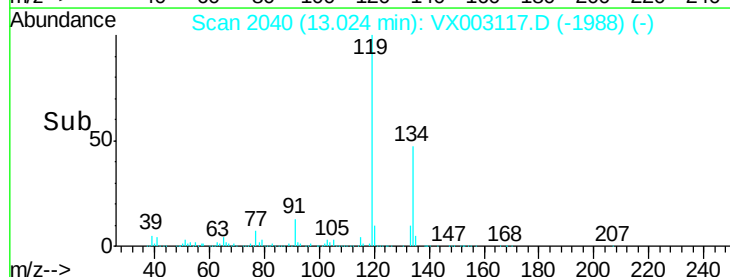
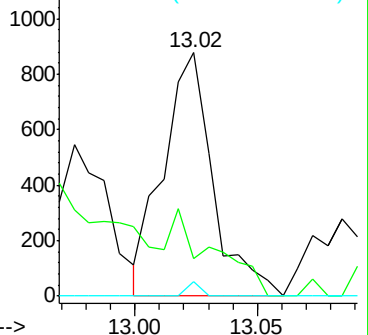
157 1.5 60.1 180.3#

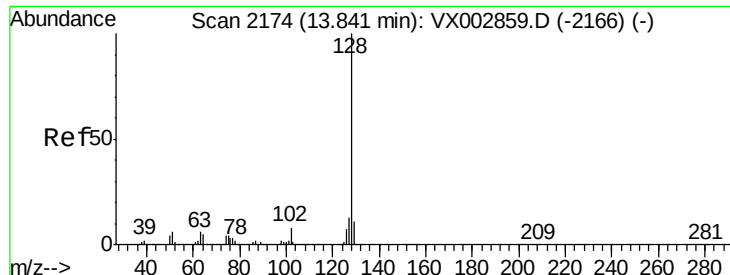


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

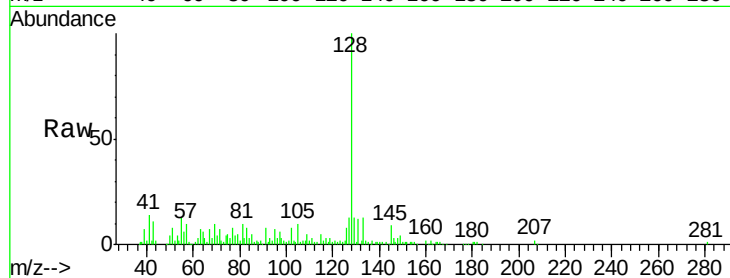




#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:59

Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.4	15.6#
129	14.5	8.6	13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

