

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002664.D
 Acq On : 16 Jun 2018 22:57
 Operator : JC/MD
 Sample : J3462-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5 061218

Quant Time: Jun 18 01:41:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161340	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	148682	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
35) Dibromofluoromethane	5.51	113	113899	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
50) Toluene-d8	8.72	98	450425	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.14	95	154521	43.48	ug/l	0.00
Spiked Amount			Recovery	=	86.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.67	94	1230	0.725	ug/l #	80
10) Methyl Iodide	2.51	142	876	5.409	ug/l	99
11) Tert butyl alcohol	3.07	59	238	0.353	ug/l #	73
13) Acrolein	2.29	56	106	7.190	ug/l #	1
16) Acetone	2.45	43	4276	2.972	ug/l	98
20) Methylene Chloride	2.87	84	900	0.305	ug/l #	76
25) 2-Butanone	4.71	43	1585	0.839	ug/l	91
30) Chloroform	5.21	83	2368	0.525	ug/l	98
31) Cyclohexane	5.59	56	3047	0.791	ug/l #	90
36) 1,1-Dichloropropene	5.67	75	14865	4.523	ug/l #	52
38) Carbon Tetrachloride	5.67	117	19535	5.969	ug/l #	17
39) Methylcyclohexane	7.46	83	49917	12.991	ug/l	99
43) Isopropyl Acetate	6.46	43	1239	0.201	ug/l #	68
48) Methyl methacrylate	7.74	41	3087	0.980	ug/l #	49
49) 1,4-Dioxane	7.48	88	19	0.319	ug/l #	22
51) 4-Methyl-2-Pentanone	8.67	43	1195	0.302	ug/l #	39
53) t-1,3-Dichloropropene	8.21	75	24	2.399	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	42	3.223	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	8425	3.317	ug/l #	18
56) Ethyl methacrylate	9.17	69	2188	0.560	ug/l #	1
60) Dibromochloromethane	9.34	129	83	3.787	ug/l #	11
68) m/p-Xylenes	10.36	106	1420	0.308	ug/l #	59
73) Isopropylbenzene	11.02	105	2806	0.260	ug/l	98
74) N-amyl acetate	6.46	43	1239	0.231	ug/l #	59
76) 1,2,3-Trichloropropane	11.14	75	83914	27.563	ug/l #	33
78) n-propylbenzene	11.37	91	2842	0.230	ug/l	99
79) 2-Chlorotoluene	11.46	91	3906	0.529	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	23694	2.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	83914	84.999	ug/l #	7
82) 4-Chlorotoluene	11.51	91	3137	0.360	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	13630	1.465	ug/l	94
85) sec-Butylbenzene	11.95	105	6213	0.569	ug/l #	75
86) p-Isopropyltoluene	12.07	119	13717	1.388	ug/l	94
89) n-Butylbenzene	12.38	91	16025	1.838	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

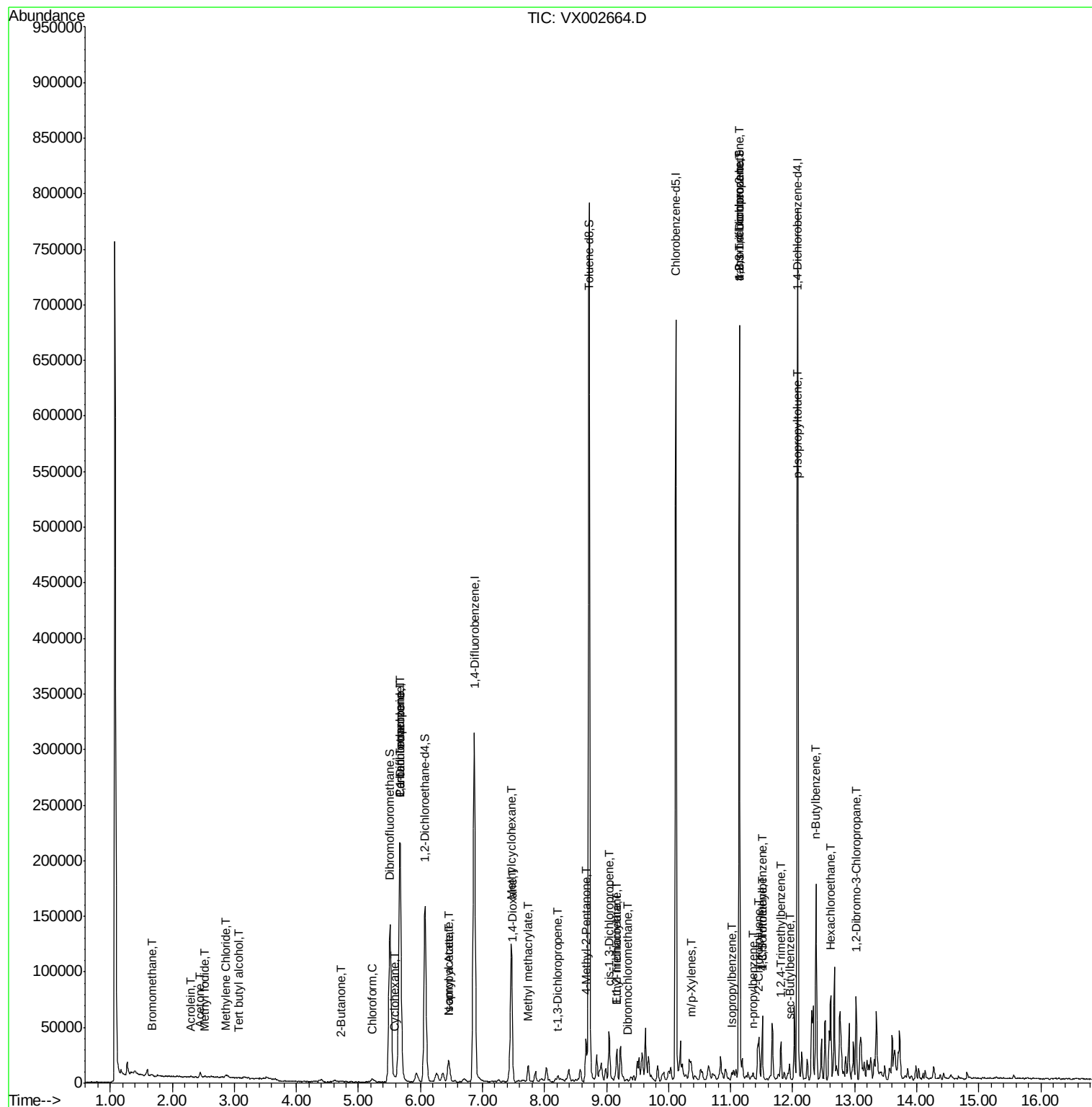
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.62	117	5151	5.793	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	349	0.523	ug/l #	1

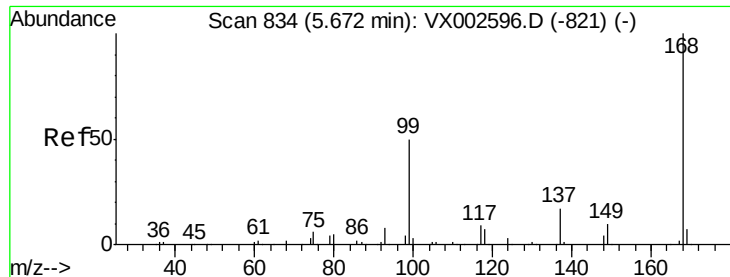
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
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MW-5_061218

Quant Time: Jun 18 01:41:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

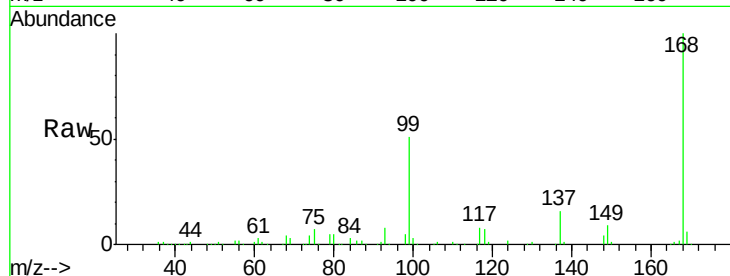
MW-5 061218

Tot Ion:168 Resp: 214633

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

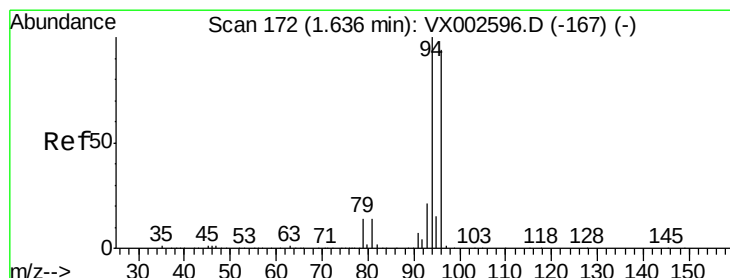
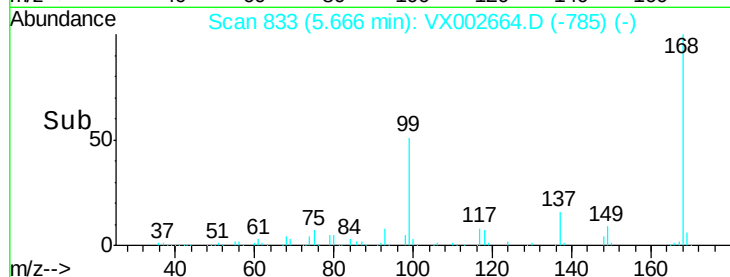
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: 0.725 ug/l

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002664.D

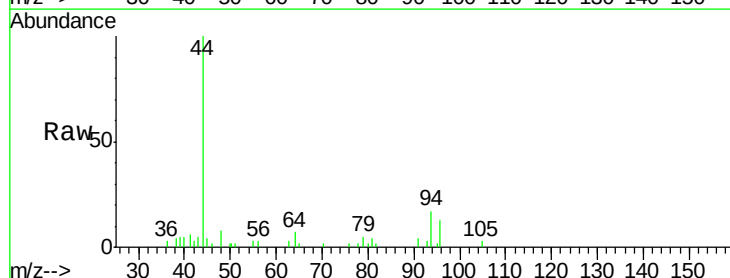
Acq: 16 Jun 2018 22:57

Tgt Ion: 94 Resp: 1230

Ion Ratio Lower Upper

94 100

96 74.3 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

600

500

400

300

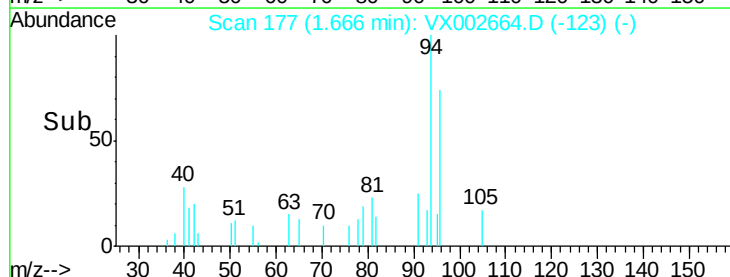
200

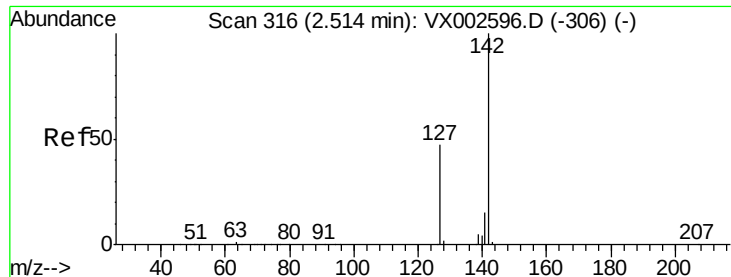
100

0

Time-->

1.60 1.65 1.70

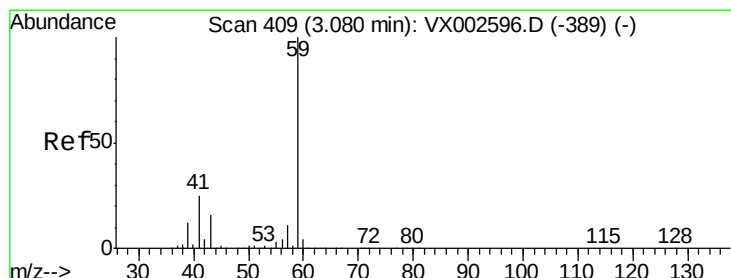
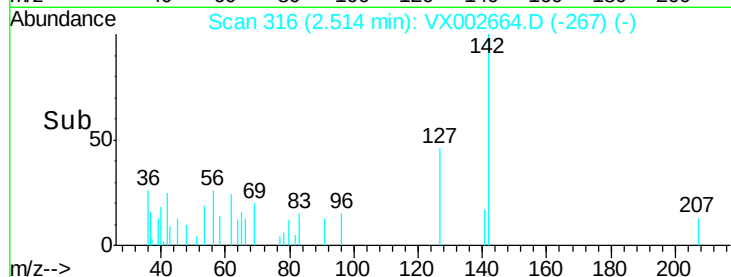
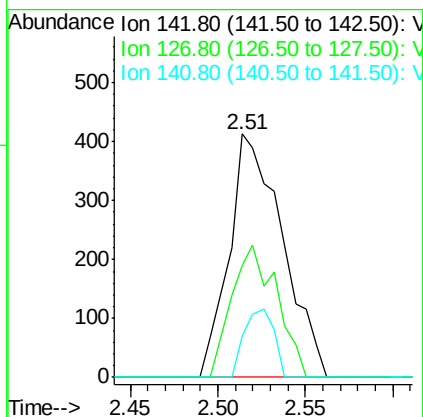
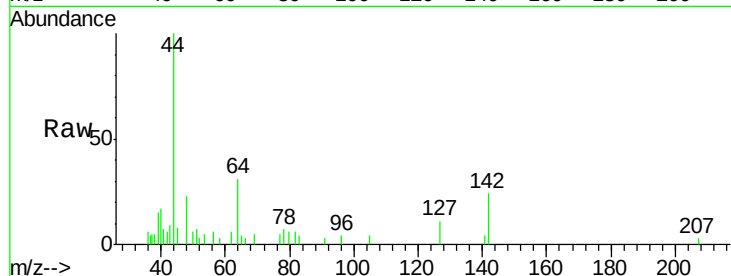




#10
Methvl Iodide
Concen: 5.409 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

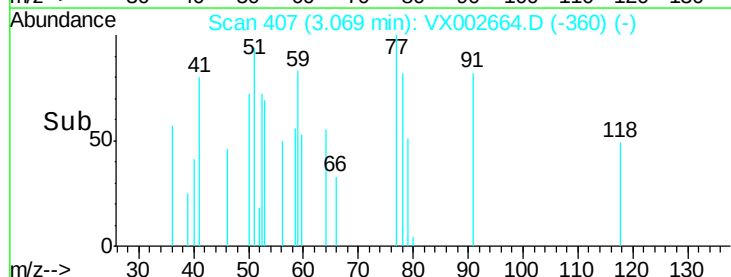
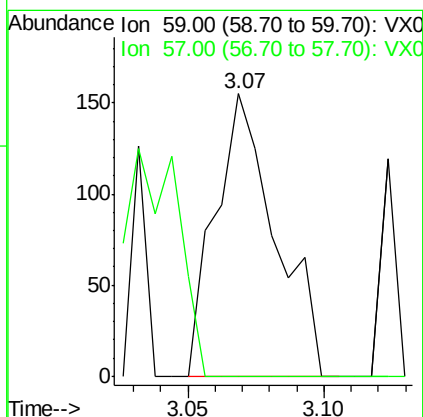
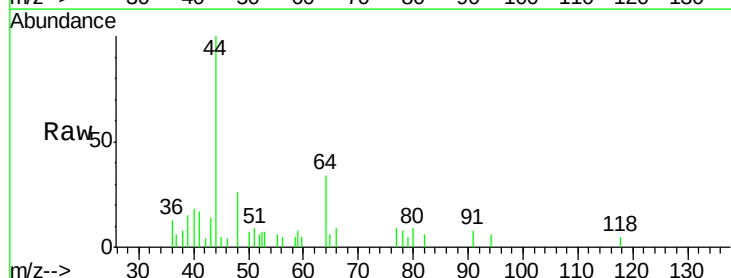
Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

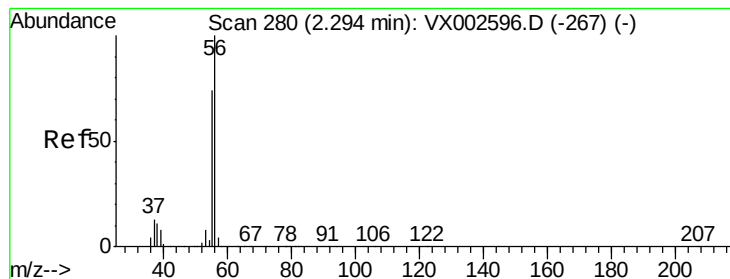
Tot Ion:142 Resp: 876
Ion Ratio Lower Upper
142 100
127 45.8 36.6 55.0
141 15.8 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.353 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 7.190 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

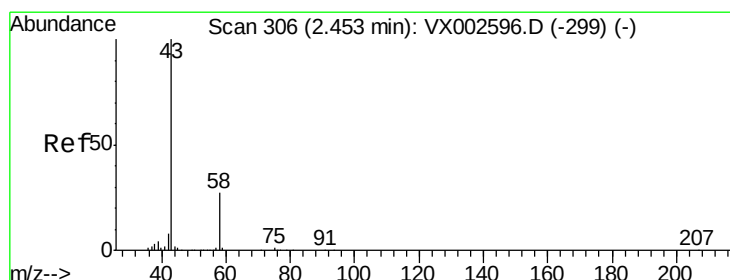
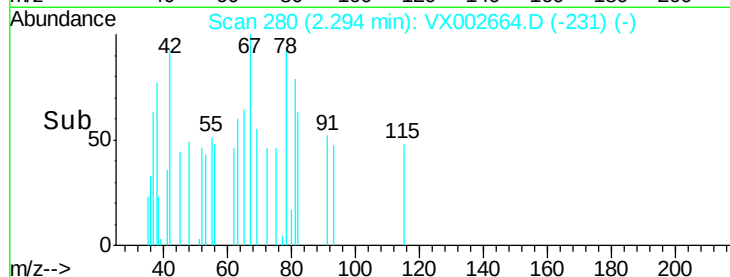
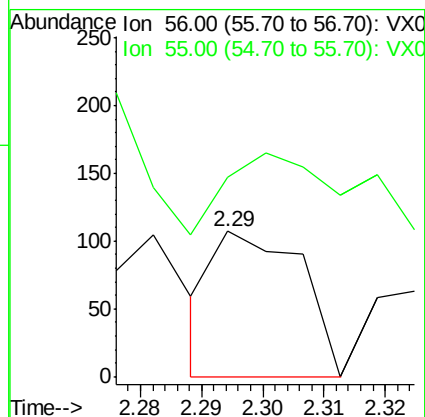
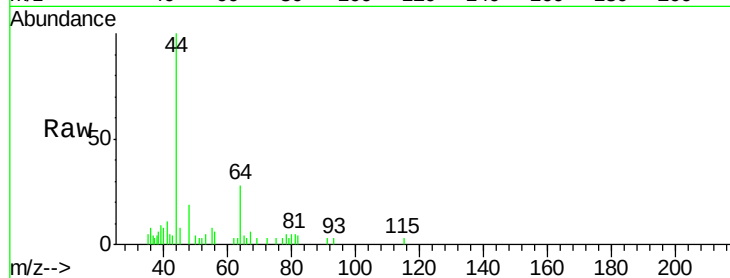
MW-5 061218

Tot Ion: 56 Resp: 106

Ion Ratio Lower Upper

56 100

55 322.6 57.0 85.4#



#16

Acetone

Concen: 2.972 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002664.D

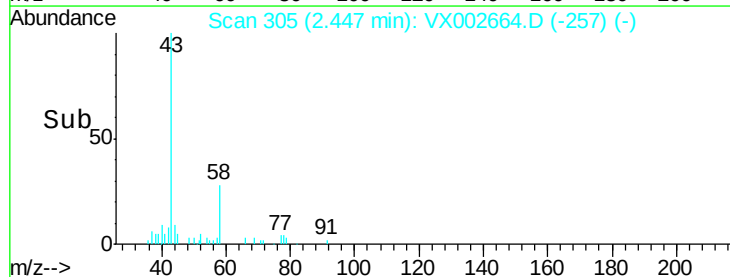
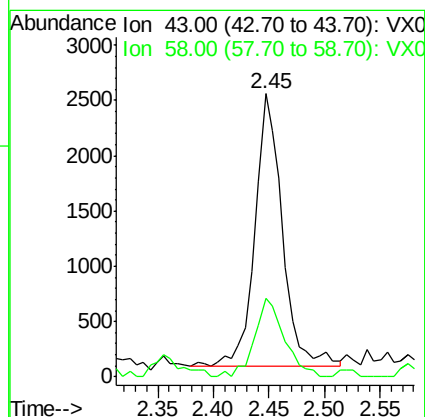
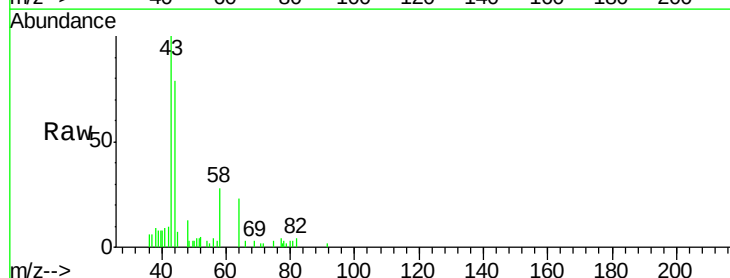
Acq: 16 Jun 2018 22:57

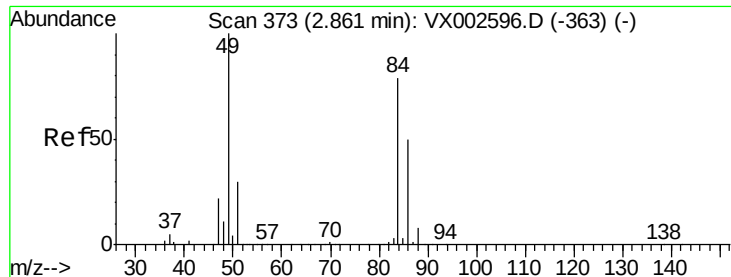
Tgt Ion: 43 Resp: 4276

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1

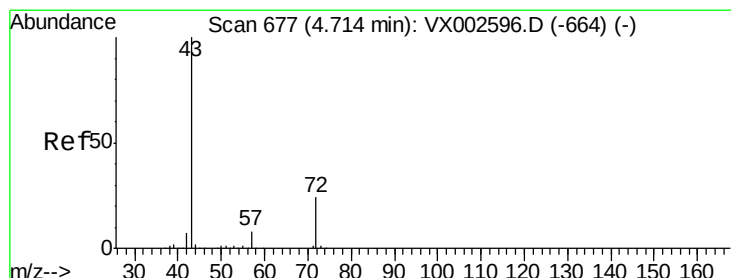
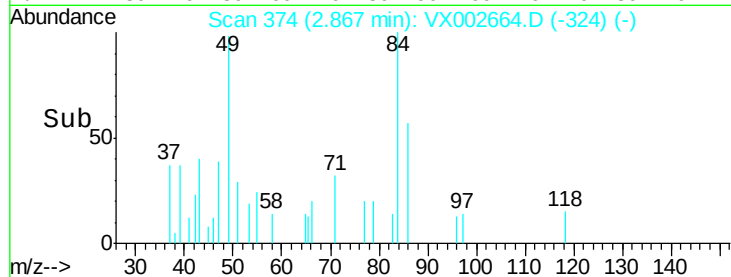
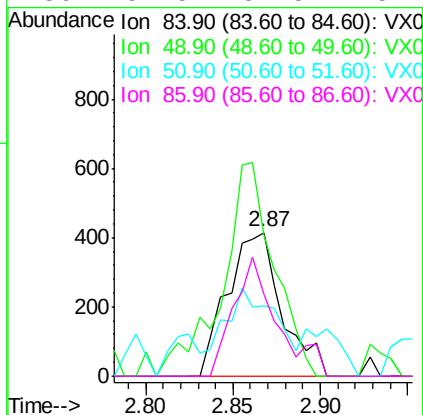
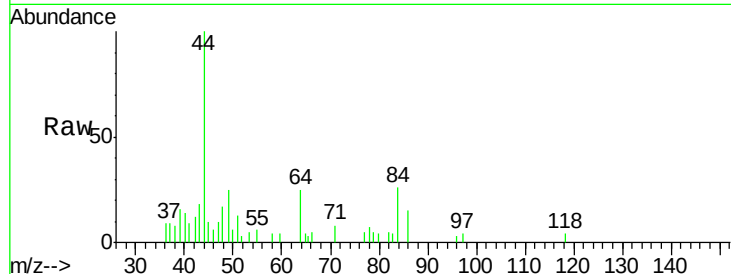




#20
Methvlene Chloride
Concen: 0.305 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

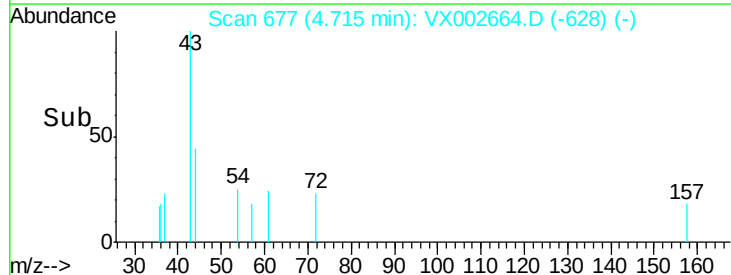
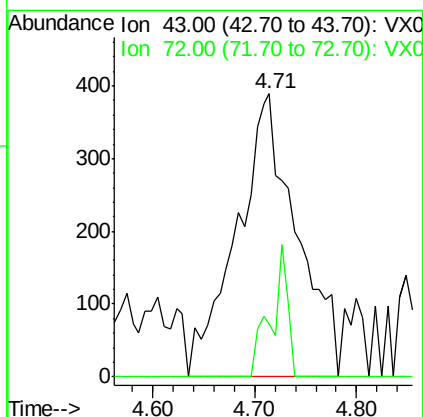
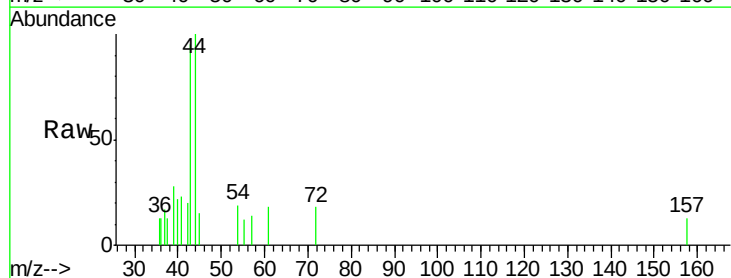
Instrument :
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ClientSampleId :
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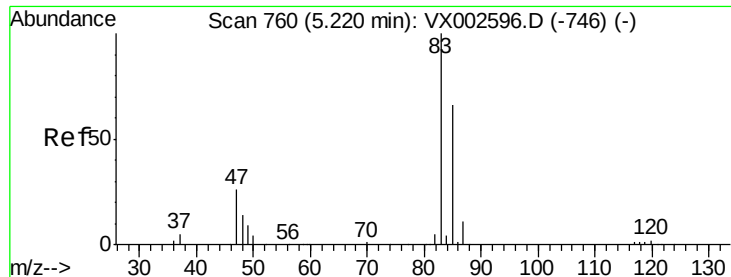
Tot Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 98.3 107.8 161.6#
51 24.4 32.8 49.2#
86 57.5 52.5 78.7



#25
2-Butanone
Concen: 0.839 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
72 18.5 18.5 27.7





#30

Chloroform

Concen: 0.525 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

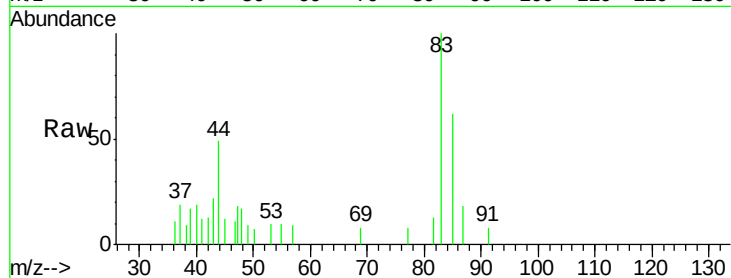
MW-5 061218

Tot Ion: 83 Resp: 2368

Ion Ratio Lower Upper

83 100

85 61.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

800

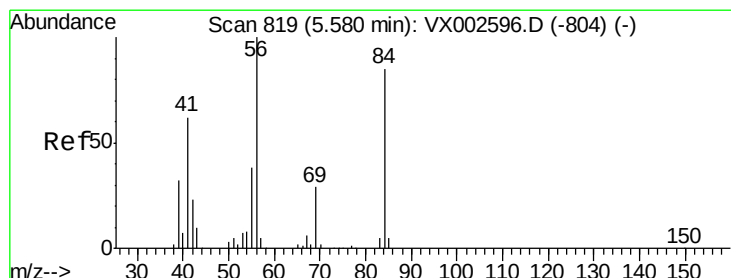
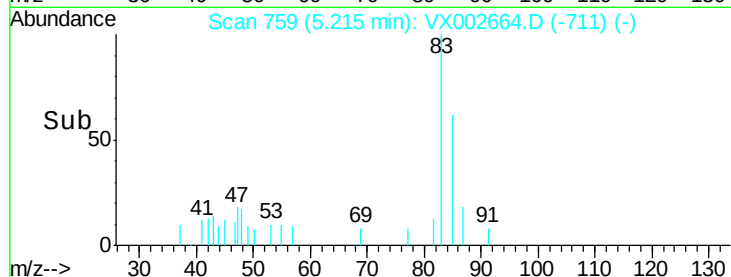
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 0.791 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

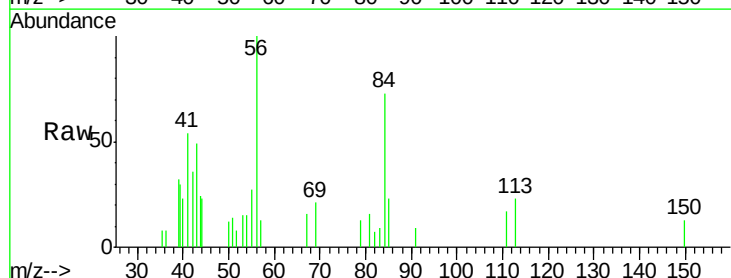
Tgt Ion: 56 Resp: 3047

Ion Ratio Lower Upper

56 100

69 21.3 23.7 35.5#

84 72.5 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

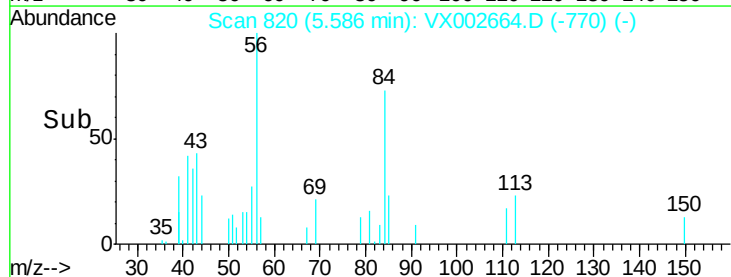
3000

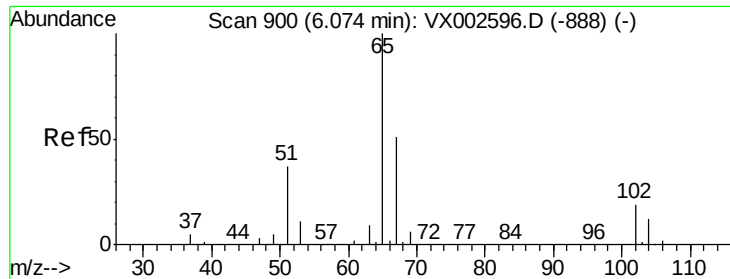
2000

1000

0

Time-->

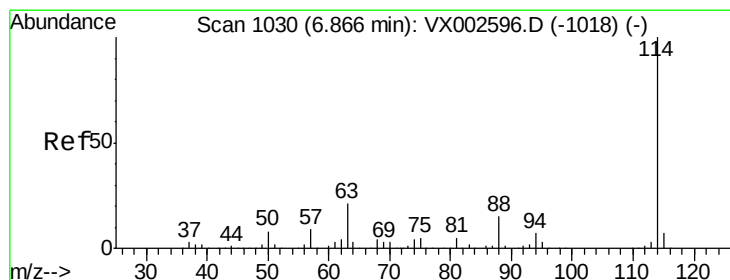
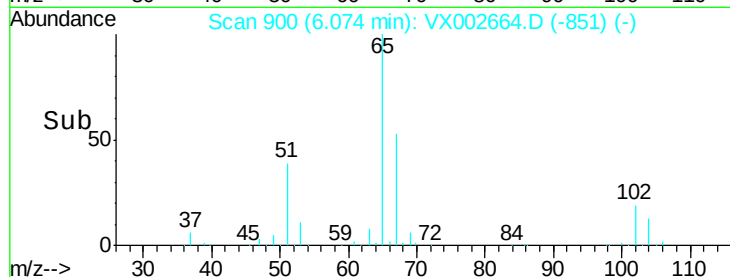
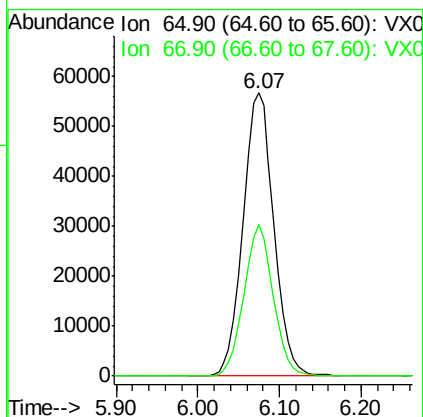
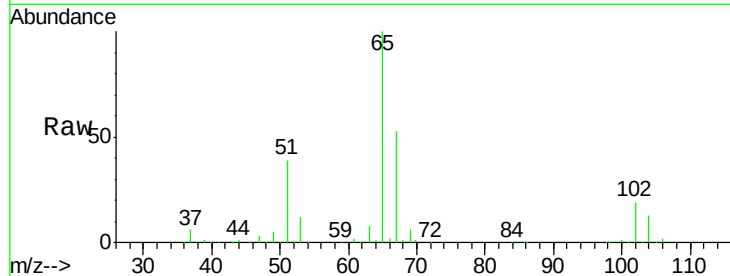




#33
 1,2-Dichloroethane-d4
 Concen: 45.585 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002664.D
 Acq: 16 Jun 2018 22:57

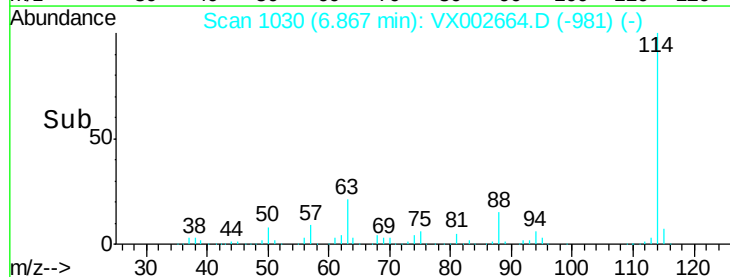
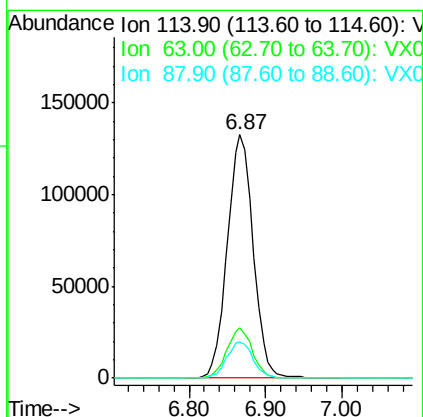
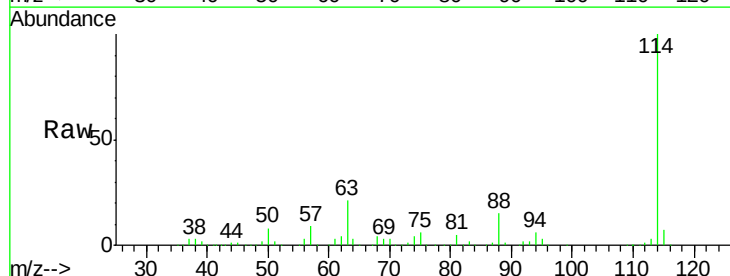
Instrument :
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 MW-5_061218

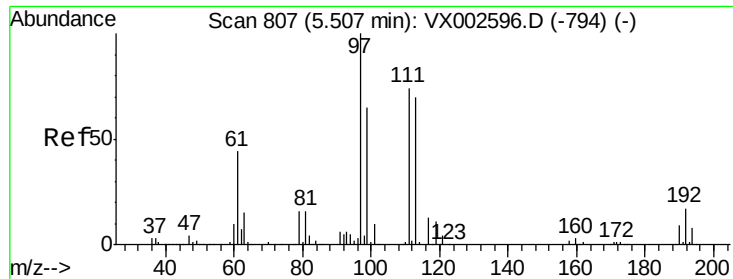
Tot Ion: 65 Resp: 148682
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002664.D
 Acq: 16 Jun 2018 22:57

Tgt Ion: 114 Resp: 309473
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.115 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampled :

MW-5 061218

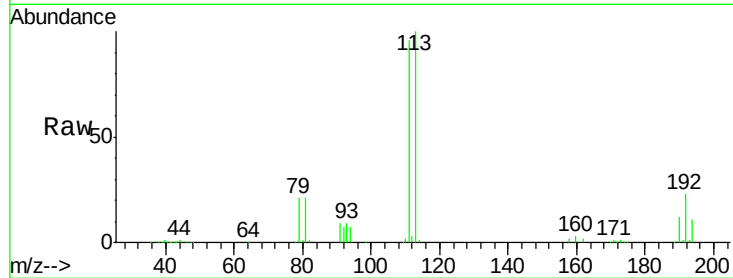
Tot Ion:113 Resp: 113899

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

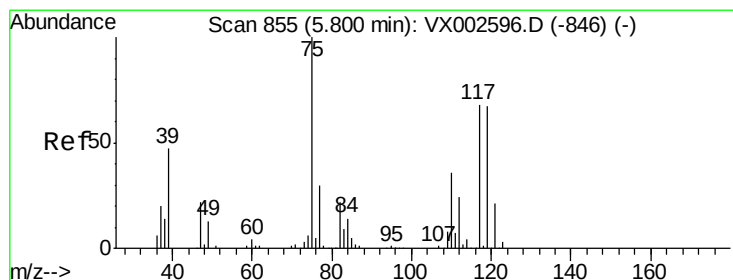
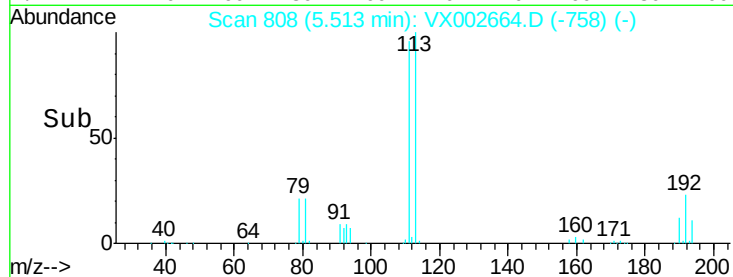
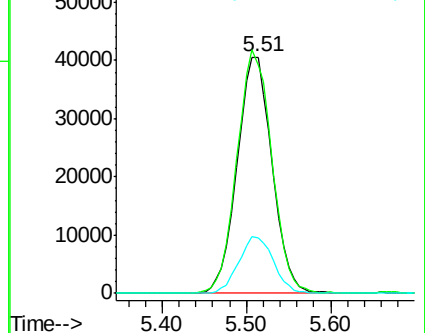
192 23.8 19.1 28.7



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: 4.523 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

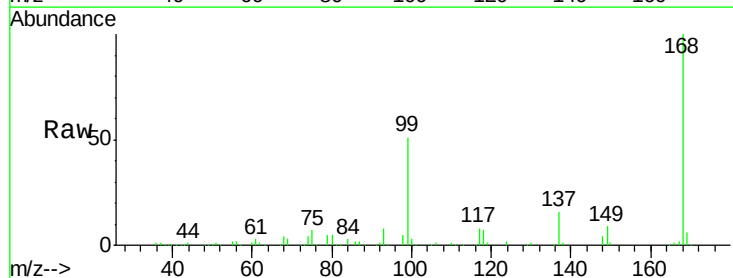
Tgt Ion: 75 Resp: 14865

Ion Ratio Lower Upper

75 100

110 11.1 18.1 54.4#

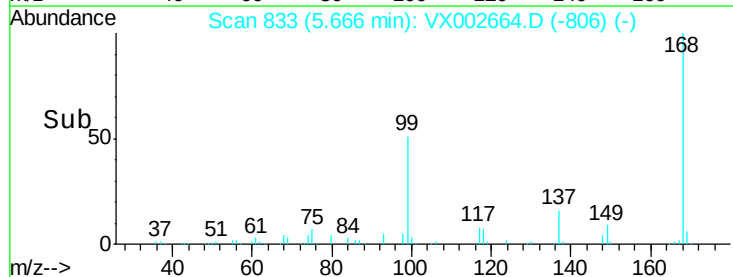
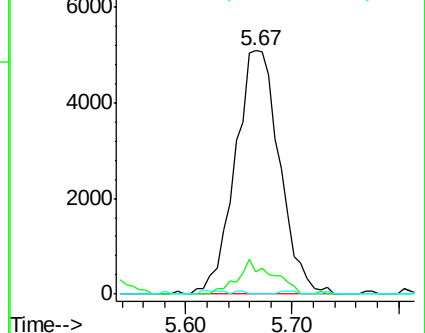
77 0.3 24.3 36.5#

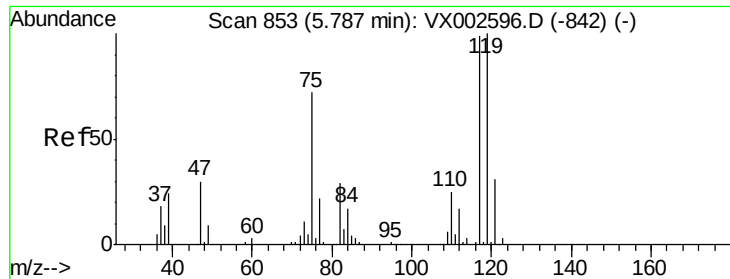


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

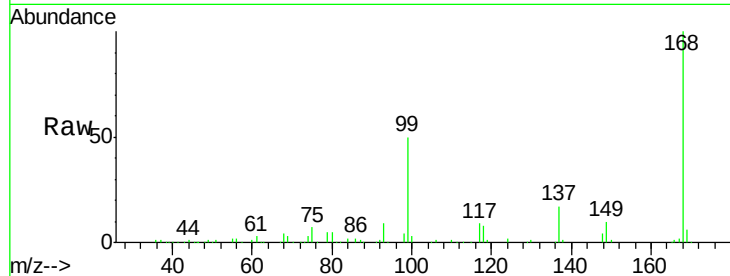




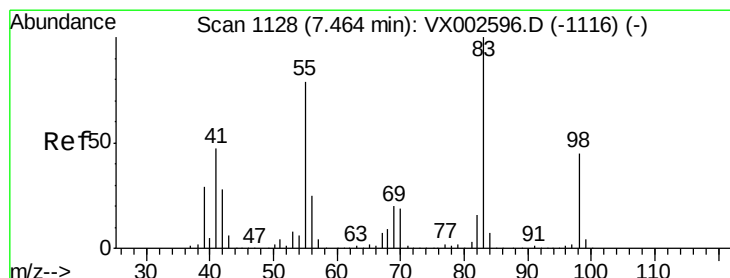
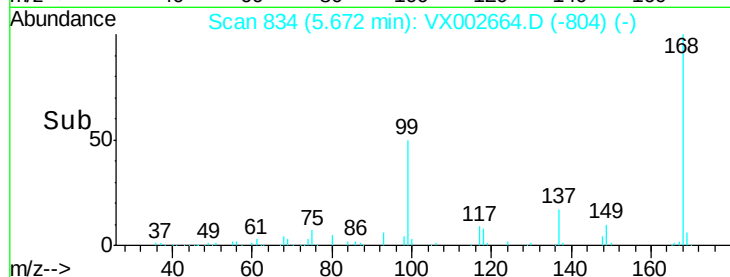
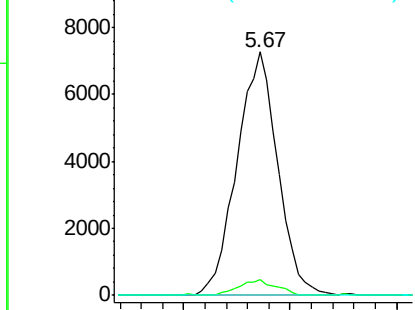
#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

Tot Ion:117 Resp: 19535
Ion Ratio Lower Upper
117 100
119 6.6 77.4 116.0#
121 0.0 24.4 36.6#

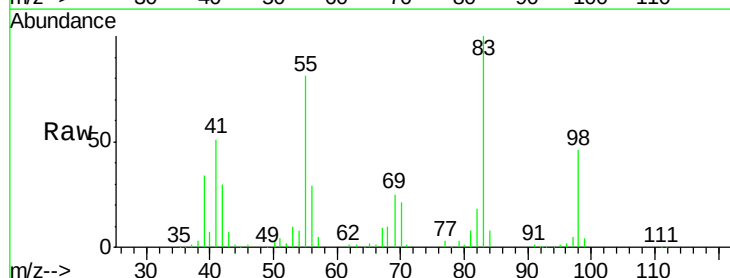


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

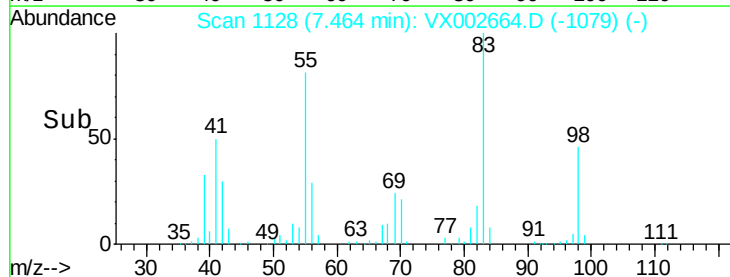
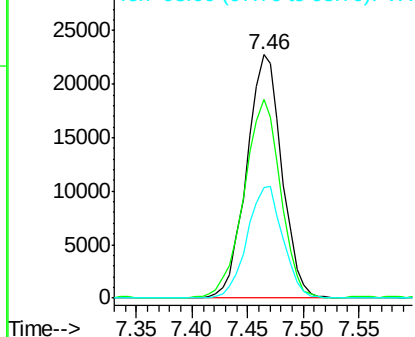


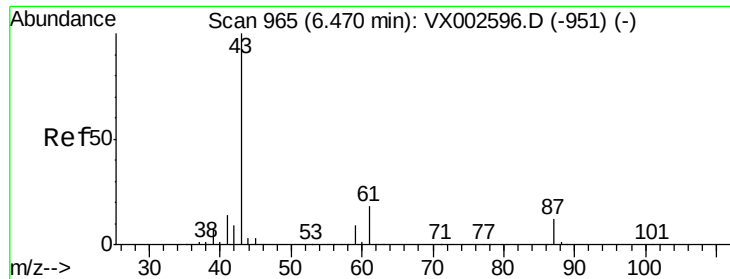
#39
Methylcyclohexane
Concen: 12.991 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 83 Resp: 49917
Ion Ratio Lower Upper
83 100
55 81.1 65.4 98.0
98 45.6 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.201 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampled :

MW-5 061218

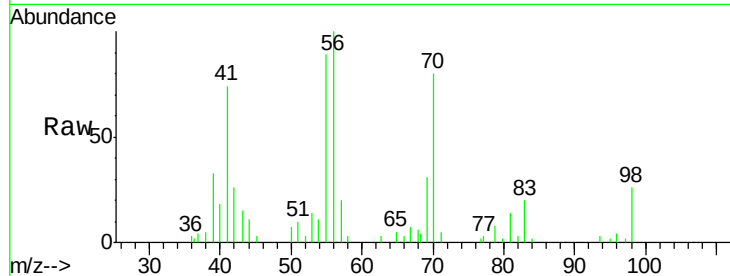
Tot Ion: 43 Resp: 1239

Ion Ratio Lower Upper

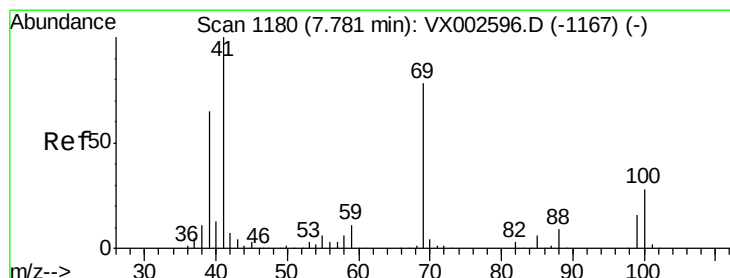
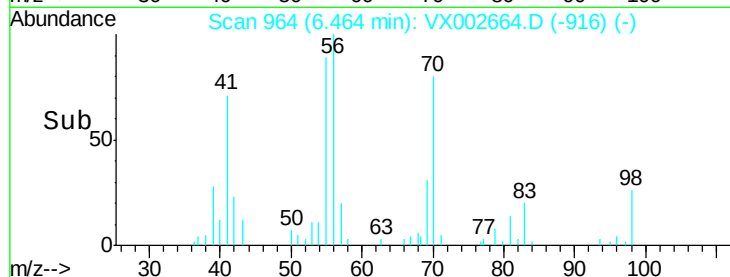
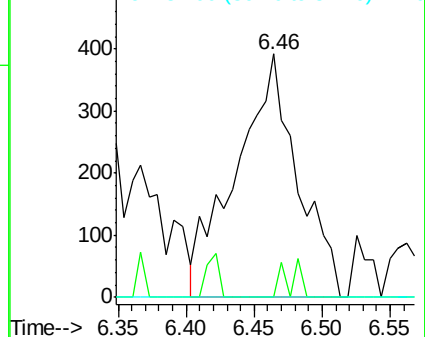
43 100

61 3.6 14.4 21.6#

87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 0.980 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.04 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

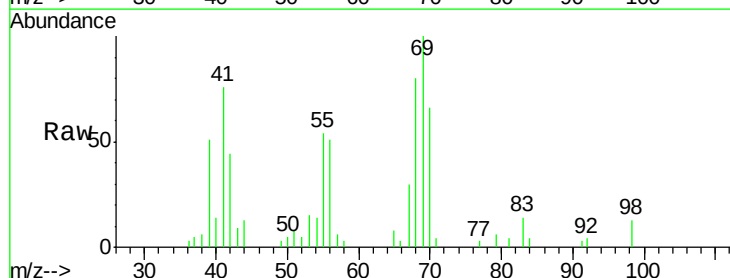
Tgt Ion: 41 Resp: 3087

Ion Ratio Lower Upper

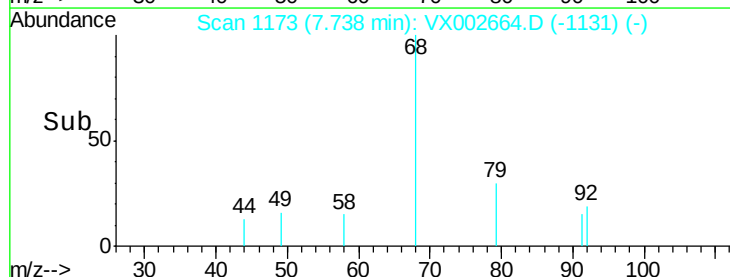
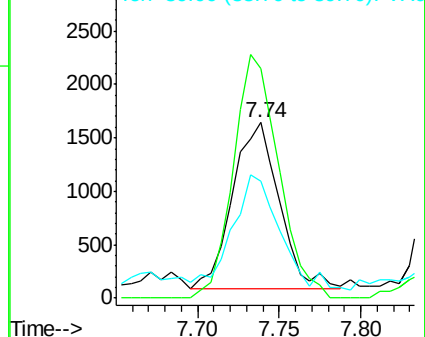
41 100

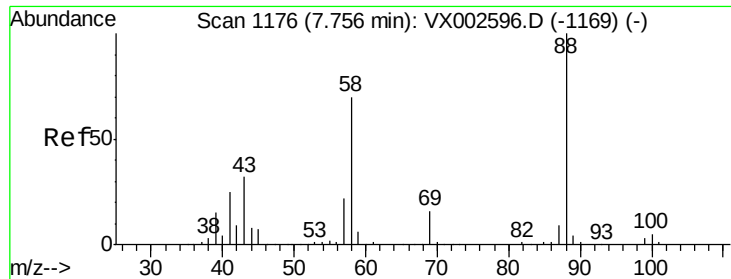
69 142.7 59.1 88.7#

39 71.7 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

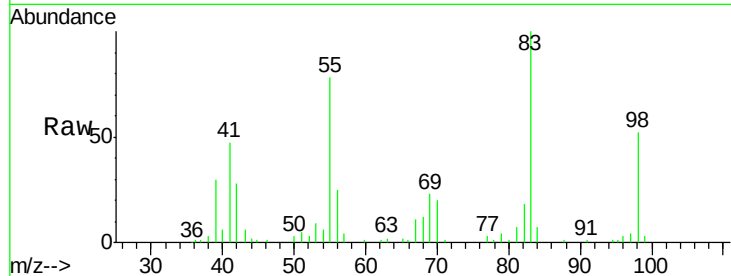




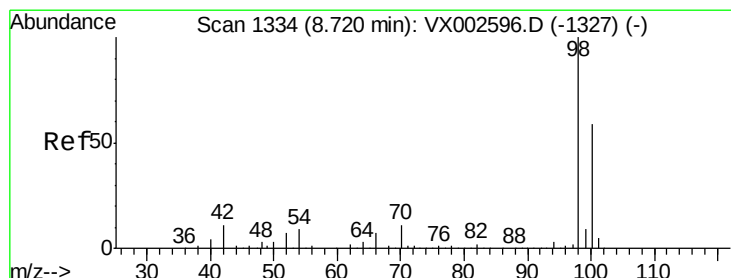
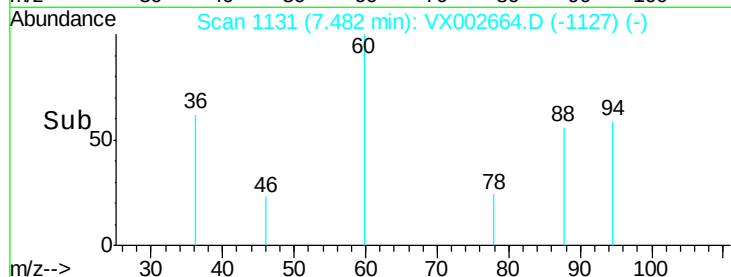
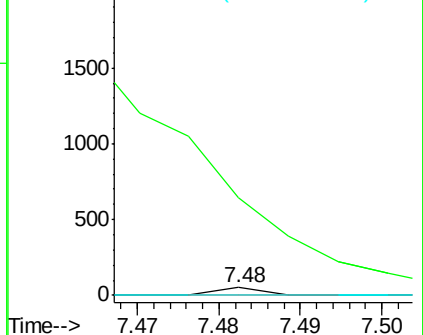
#49
1,4-Dioxane
Concen: 0.319 ug/l
RT: 7.48 min Scan# 1131
Delta R.T. -0.27 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 0.0 57.1 85.7#

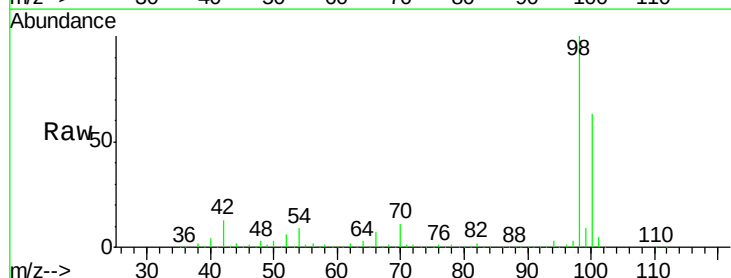


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

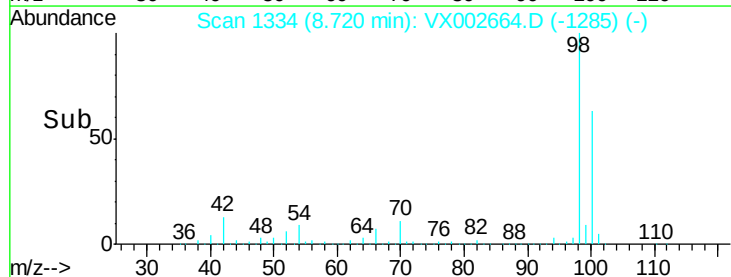
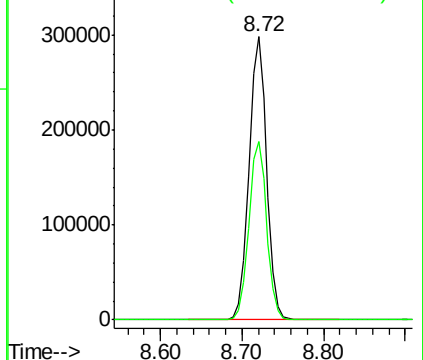


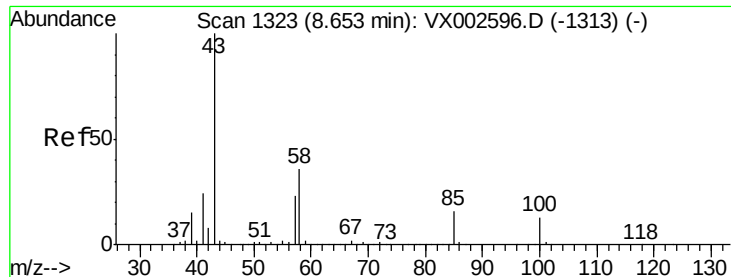
#50
Toluene-d8
Concen: 48.029 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 98 Resp: 450425
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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

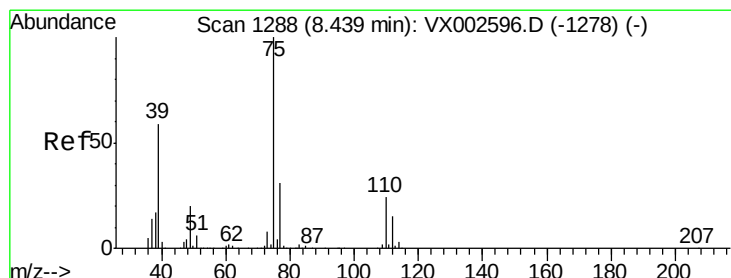
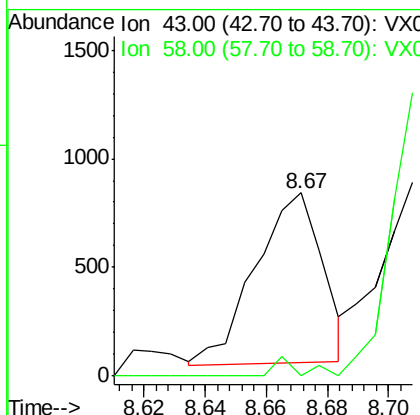
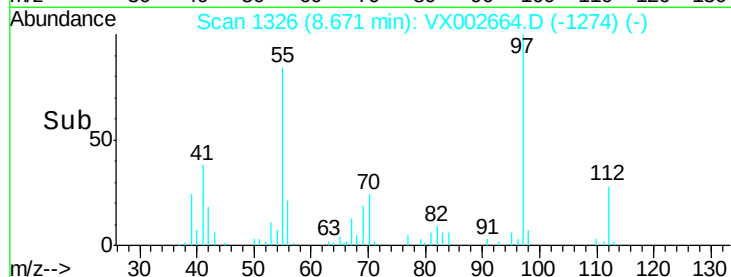
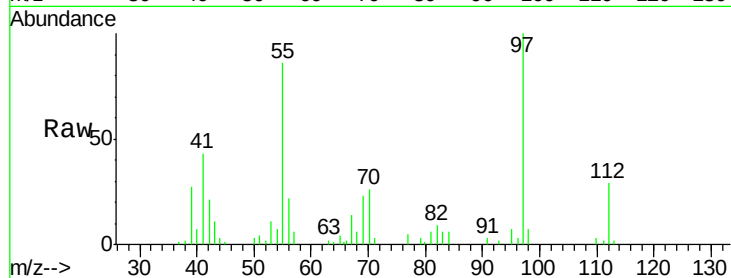




#51
4-Methyl-2-Pentanone
Concen: 0.302 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

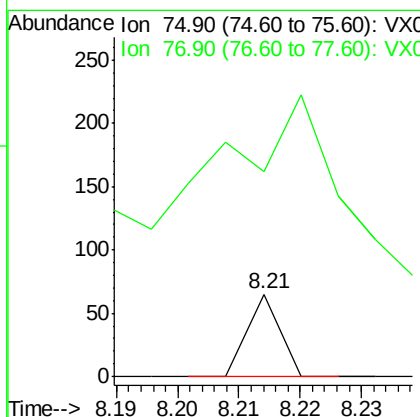
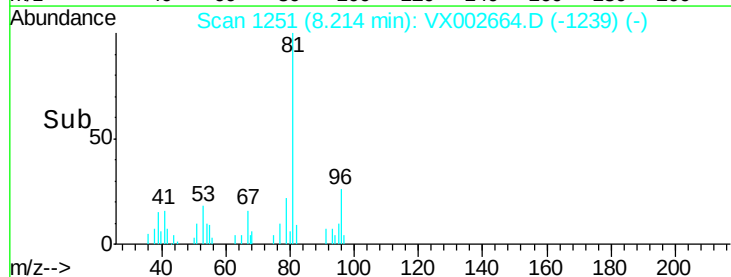
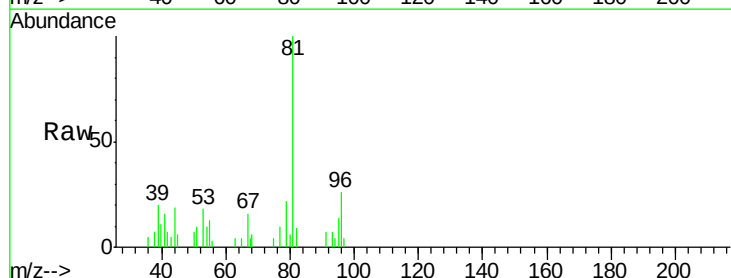
Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

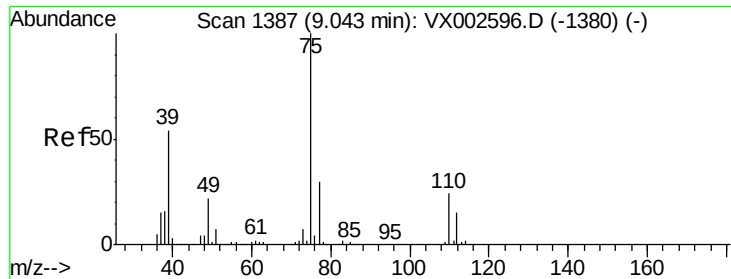
Tot Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#



#53
t-1,3-Dichloropropene
Concen: 2.399 ug/l
RT: 8.21 min Scan# 1251
Delta R.T. -0.22 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2





#54

cis-1,3-Dichloropropene

Concen: 3.223 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

MW-5 061218

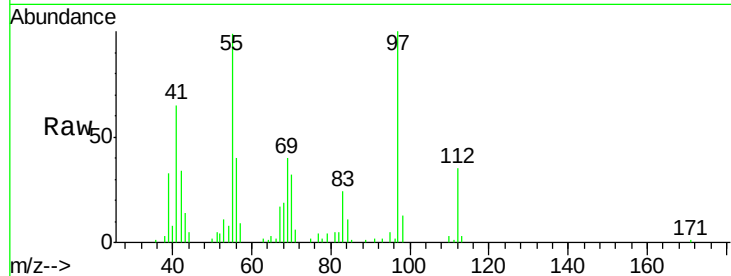
Tot Ion: 75 Resp: 42

Ion Ratio Lower Upper

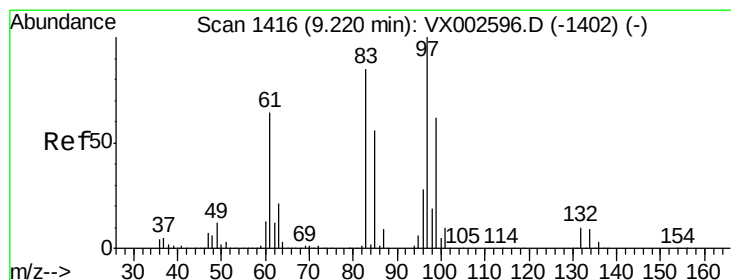
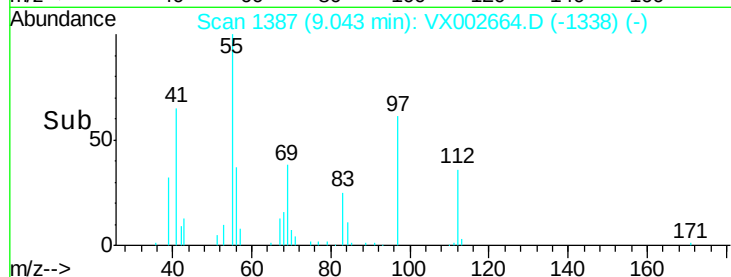
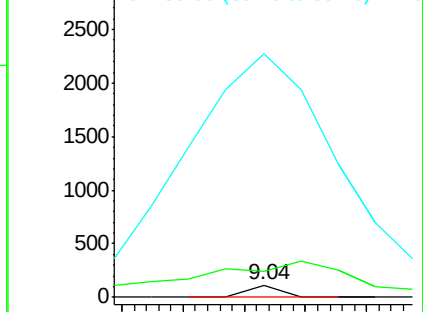
75 100

77 69.6 24.8 37.2#

39 892.2 42.4 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 3.317 ug/l

RT: 9.17 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Tgt Ion: 97 Resp: 8425

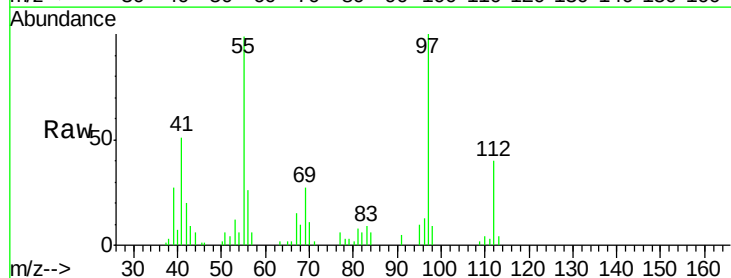
Ion Ratio Lower Upper

97 100

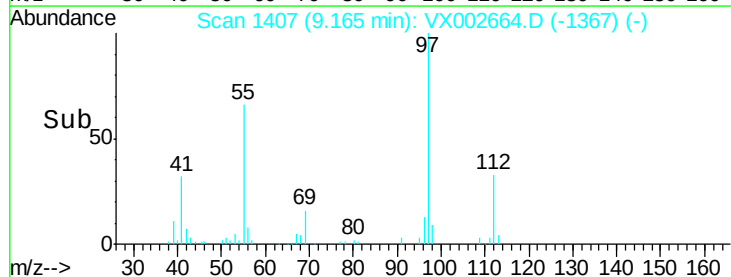
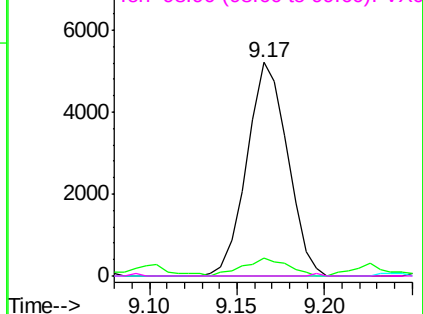
83 7.1 70.2 105.2#

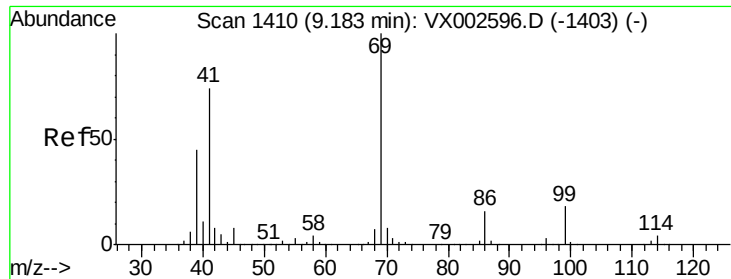
85 0.0 44.9 67.3#

99 0.0 49.8 74.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.560 ug/l

RT: 9.17 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampled :

MW-5 061218

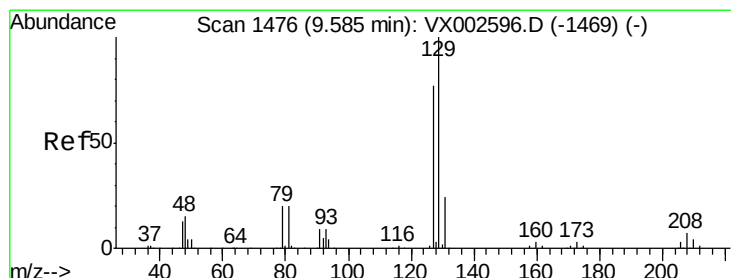
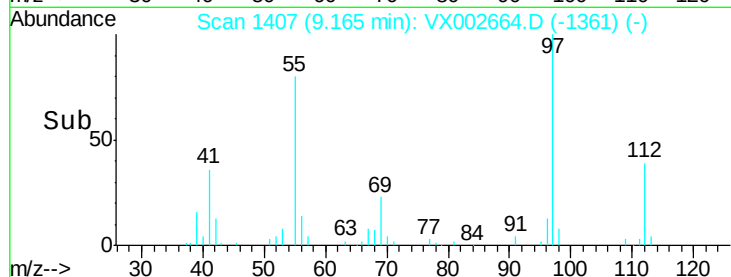
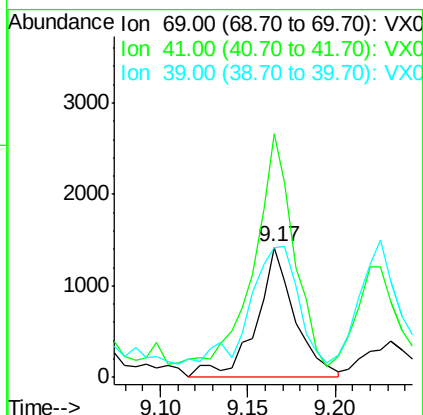
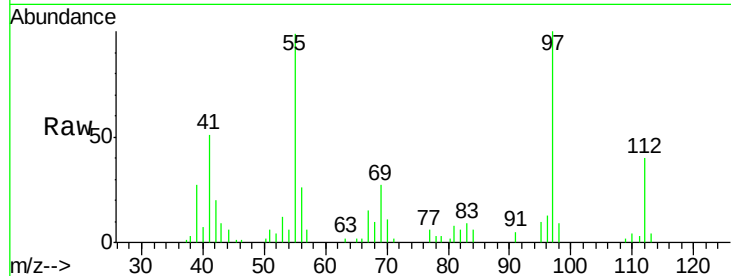
Tot Ion: 69 Resp: 2188

Ion Ratio Lower Upper

69 100

41 181.5 60.3 90.5#

39 113.4 35.8 53.8#



#60

Dibromochloromethane

Concen: 3.787 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX002664.D

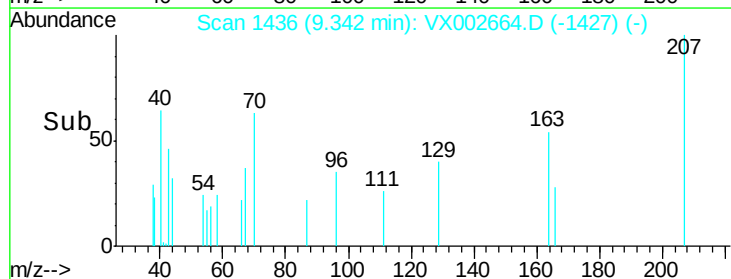
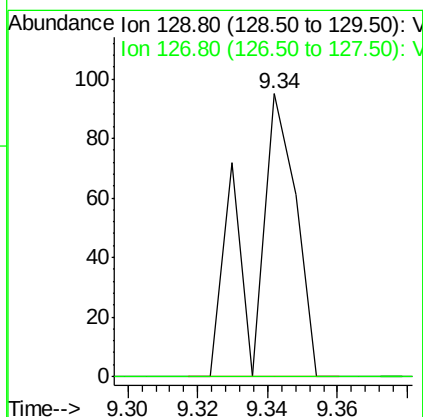
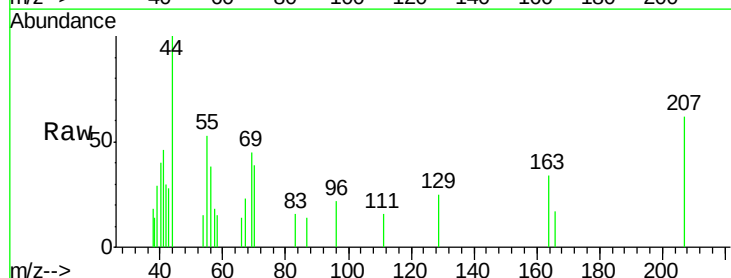
Acq: 16 Jun 2018 22:57

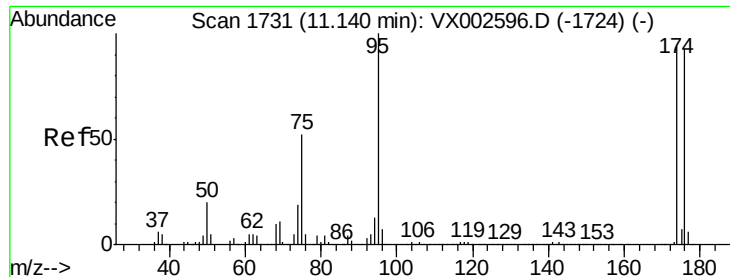
Tgt Ion: 129 Resp: 83

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

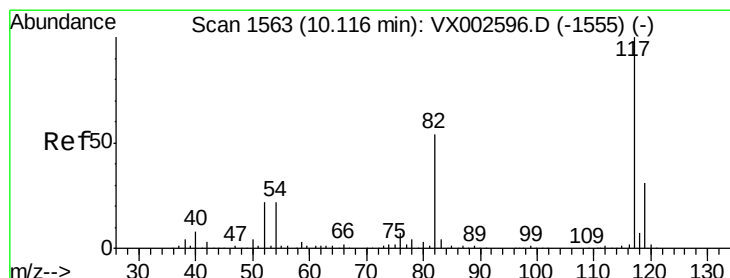
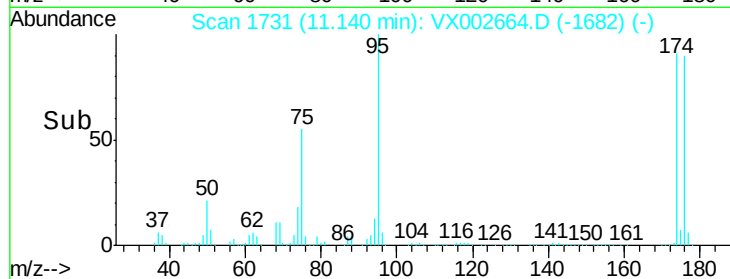
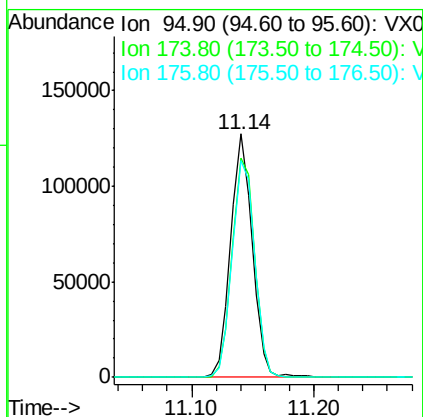
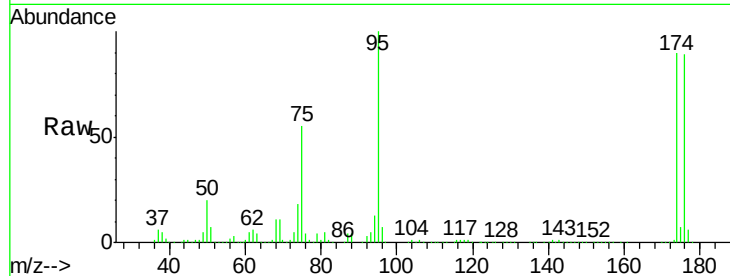




#62
4-Bromofluorobenzene
Concen: 43.482 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

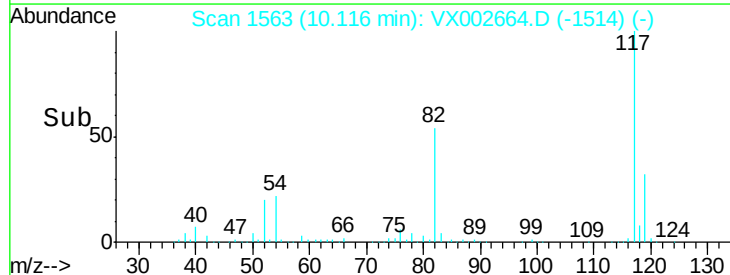
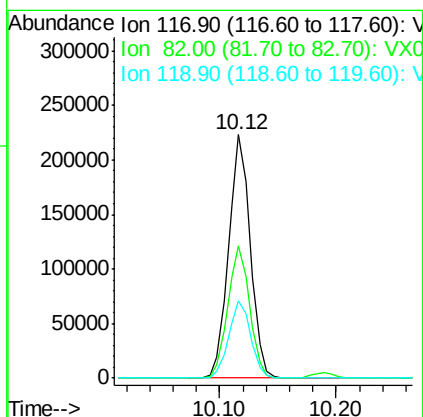
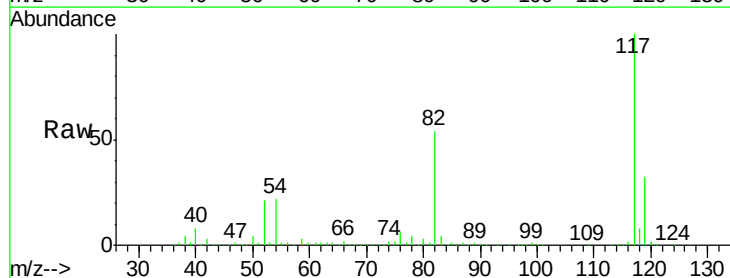
Instrument :
MSVOA_X
ClientSampleId :
MW-5_061218

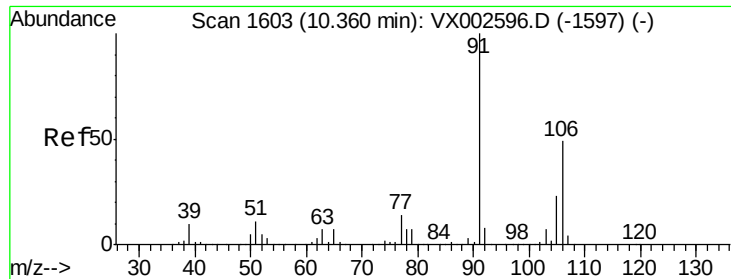
Tot Ion: 95 Resp: 154521
Ion Ratio Lower Upper
95 100
174 94.5 0.0 187.4
176 92.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion: 117 Resp: 288840
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.9 25.8 38.6

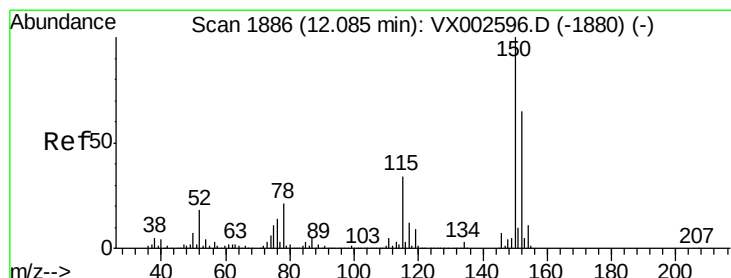
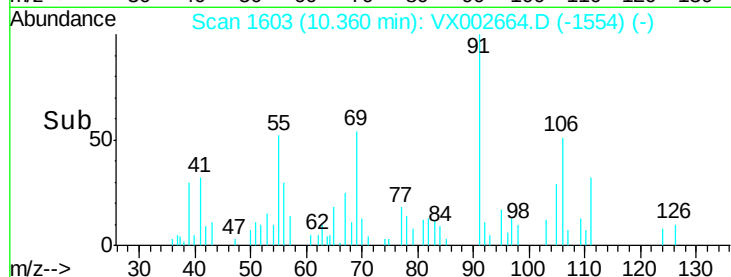
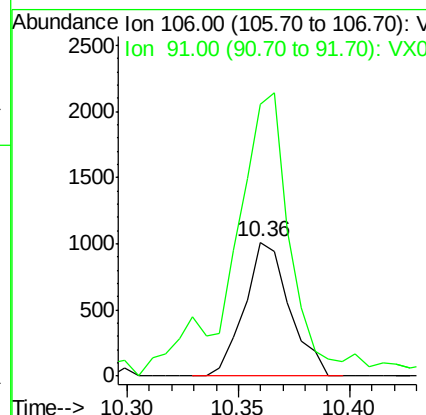
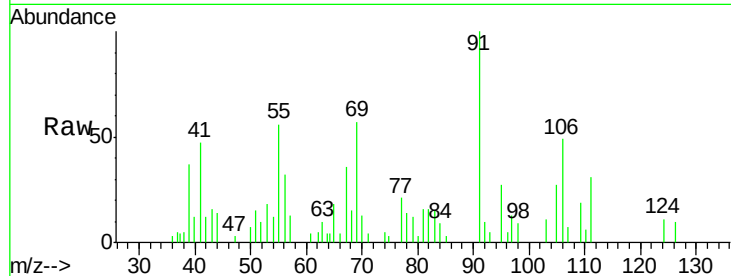




#68
m/p-Xvlenes
Concen: 0.308 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

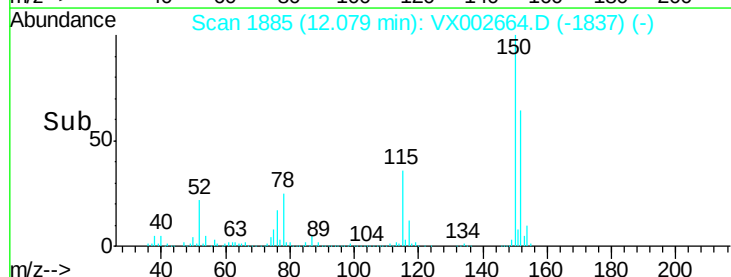
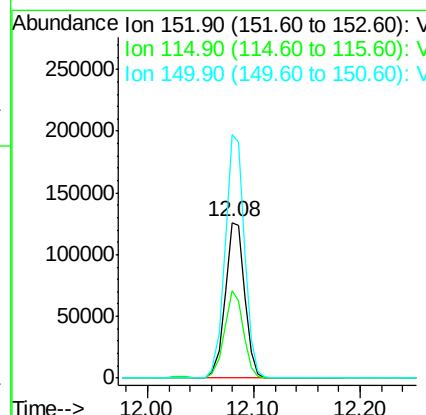
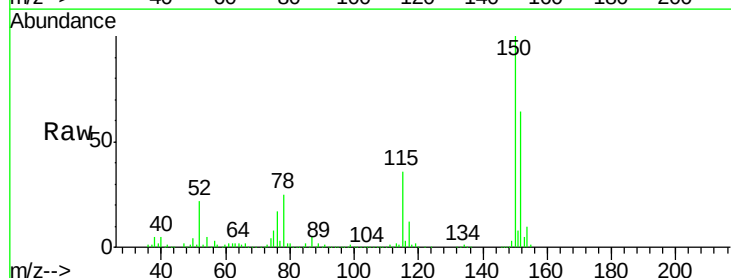
Instrument :
MSVOA_X
ClientSampleId :
MW-5 061218

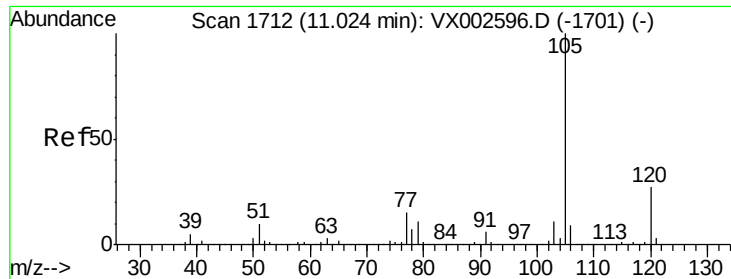
Tot Ion:106 Resp: 1420
Ion Ratio Lower Upper
106 100
91 267.2 163.4 245.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002664.D
Acq: 16 Jun 2018 22:57

Tgt Ion:152 Resp: 161340
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 155.5 0.0 347.2





#73

Isopropylbenzene

Concen: 0.260 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

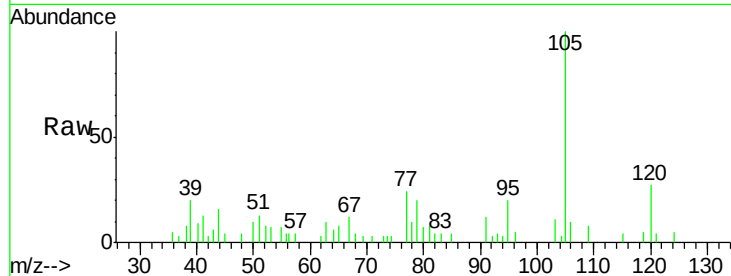
MW-5 061218

Tot Ion:105 Resp: 2806

Ion Ratio Lower Upper

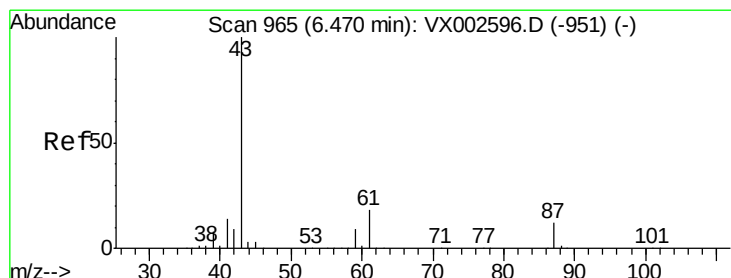
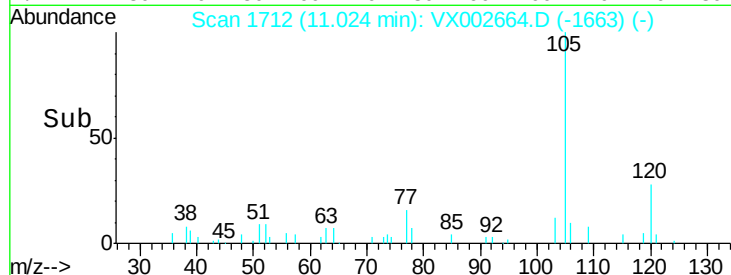
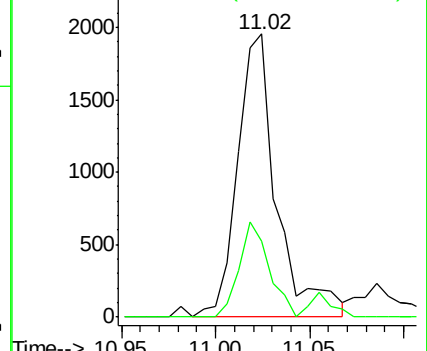
105 100

120 25.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.231 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Tgt Ion: 43 Resp: 1239

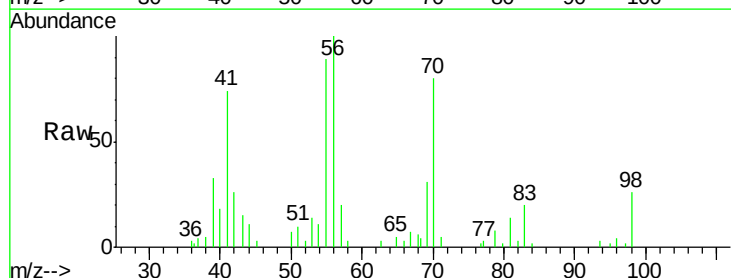
Ion Ratio Lower Upper

43 100

70 511.0 0.0 0.0#

55 584.5 0.0 0.0#

61 0.0 14.4 21.6#

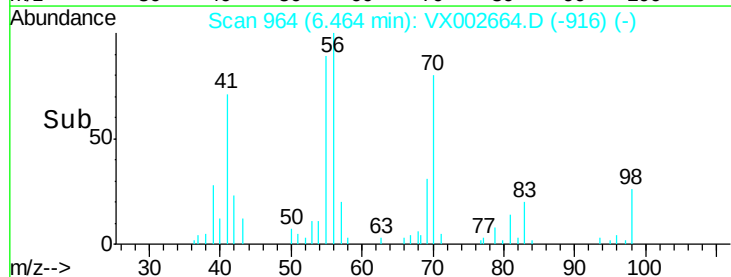
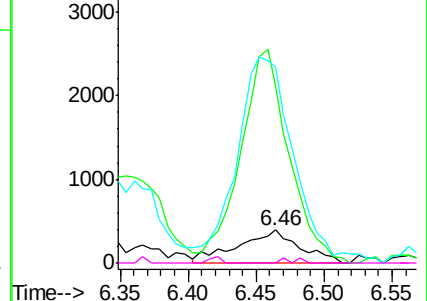


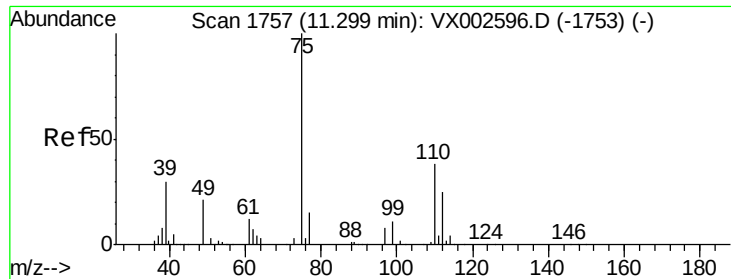
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

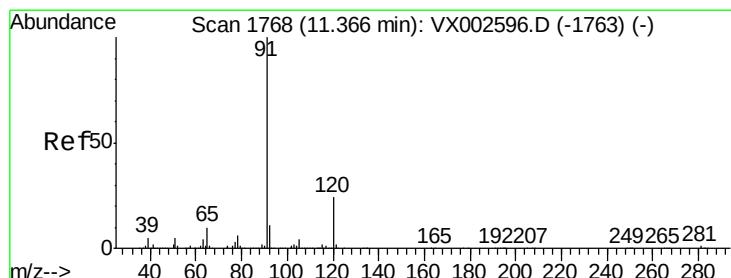
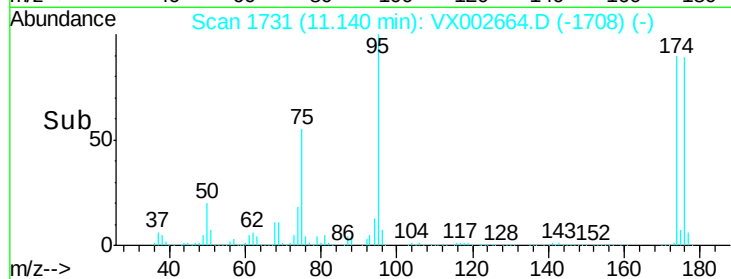
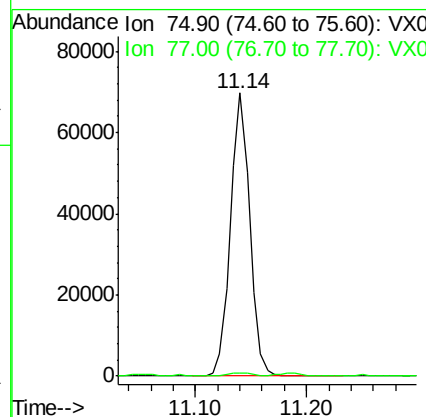
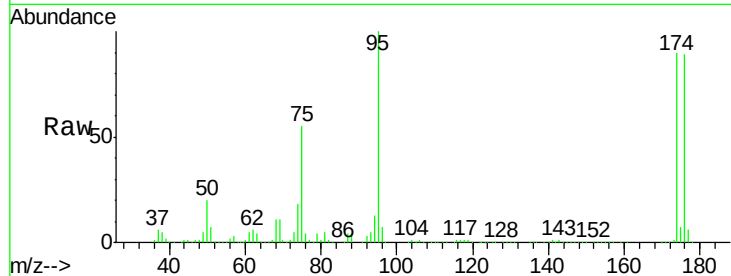




#76
 1,2,3-Trichloropropane
 Concen: 27.563 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002664.D
 Acq: 16 Jun 2018 22:57

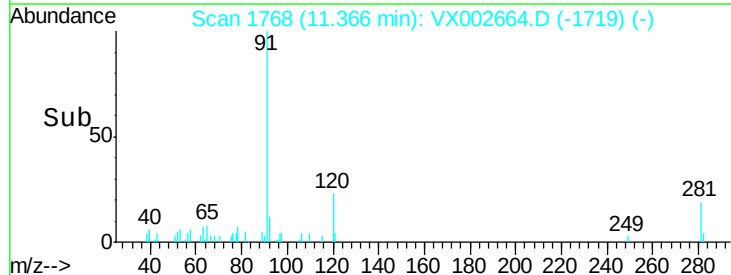
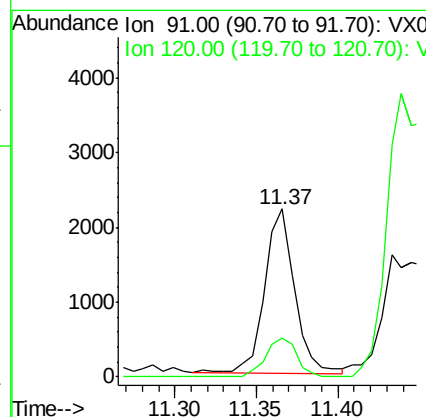
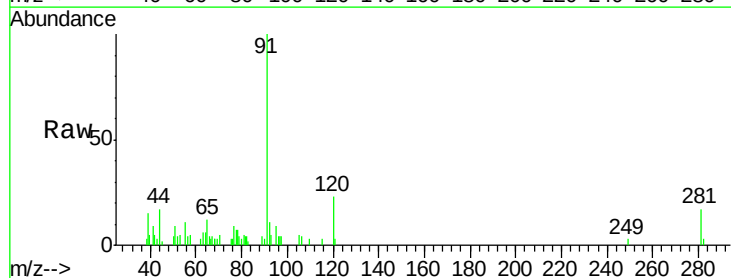
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5_061218

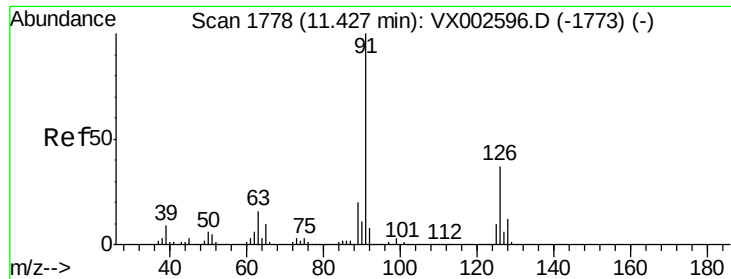
Tot Ion: 75 Resp: 83914
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.230 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: VX002664.D
 Acq: 16 Jun 2018 22:57

Tgt Ion: 91 Resp: 2842
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.8 35.4





#79

2-Chlorotoluene

Concen: 0.529 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampled :

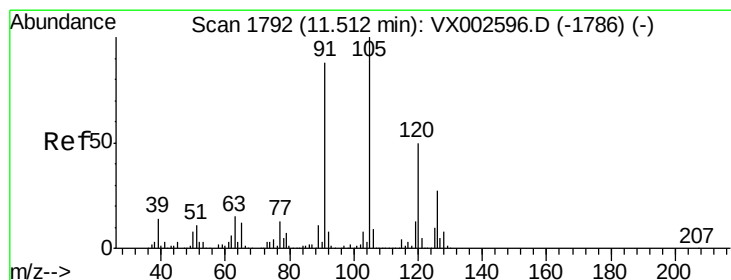
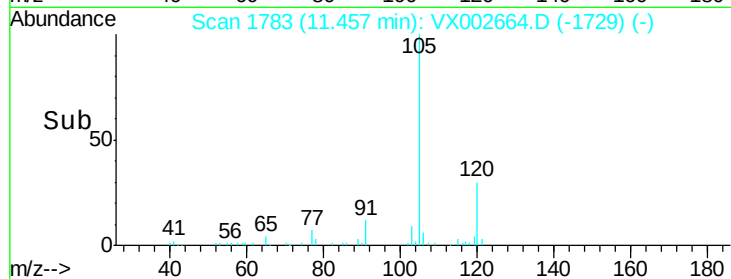
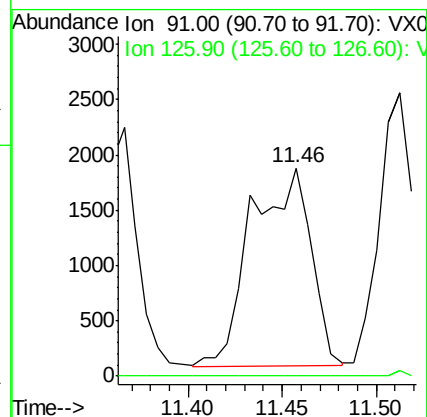
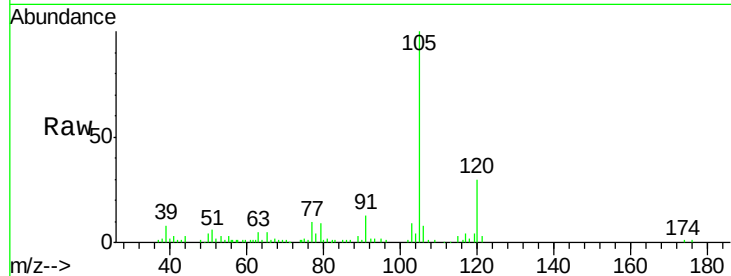
MW-5 061218

Tot Ion: 91 Resp: 3906

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 2.598 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002664.D

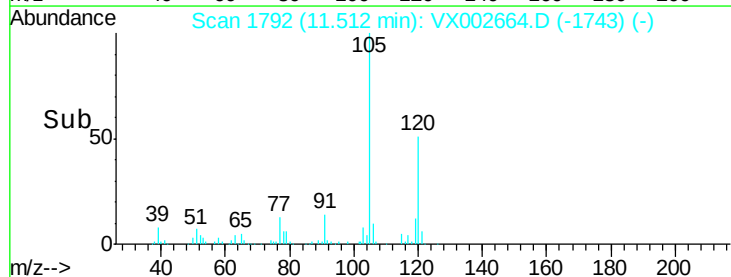
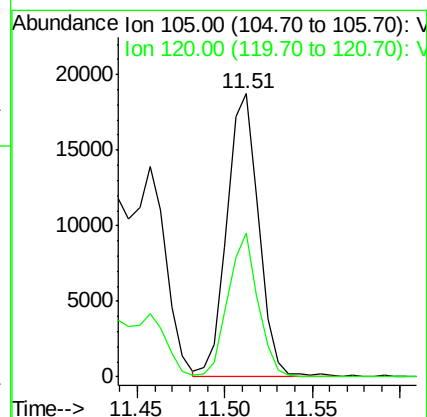
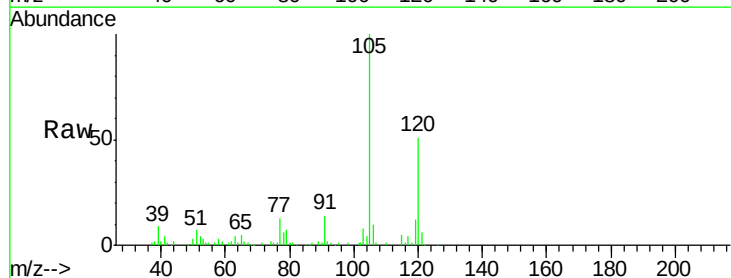
Acq: 16 Jun 2018 22:57

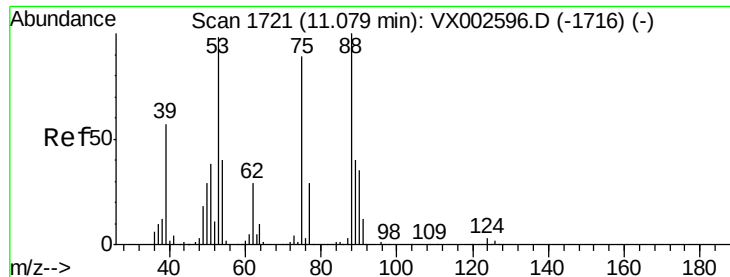
Tgt Ion: 105 Resp: 23694

Ion Ratio Lower Upper

105 100

120 47.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 84.999 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

MW-5 061218

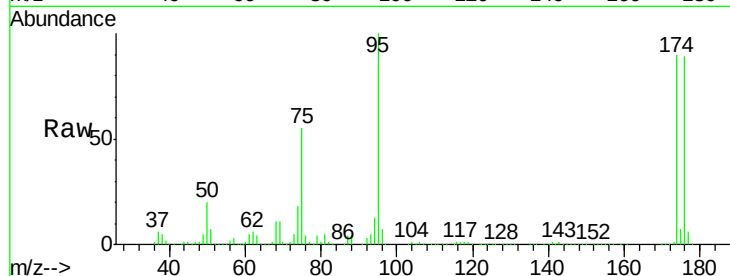
Tot Ion: 75 Resp: 83914

Ion Ratio Lower Upper

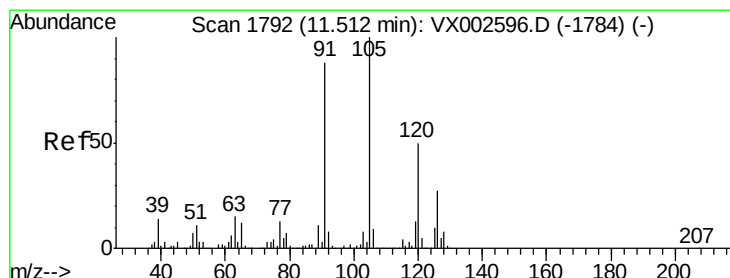
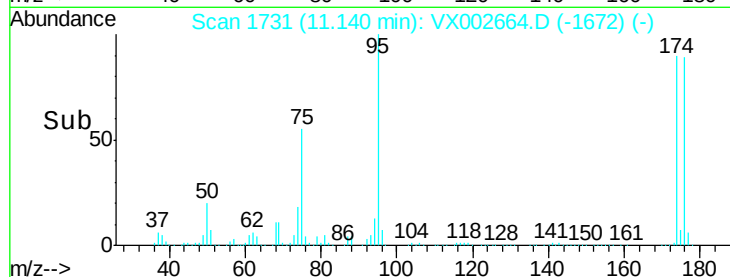
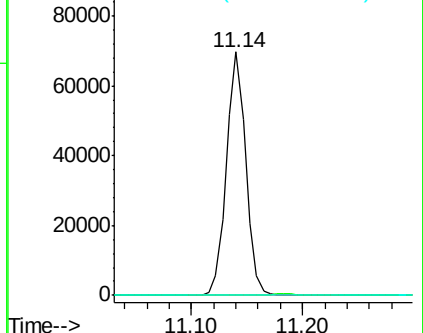
75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#



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



#82

4-Chlorotoluene

Concen: 0.360 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002664.D

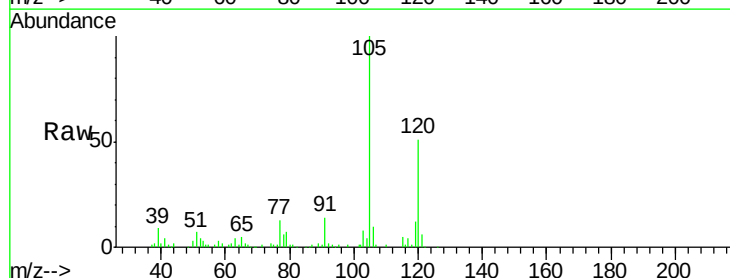
Acq: 16 Jun 2018 22:57

Tgt Ion: 91 Resp: 3137

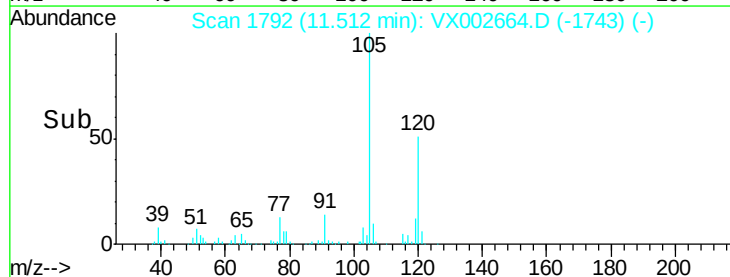
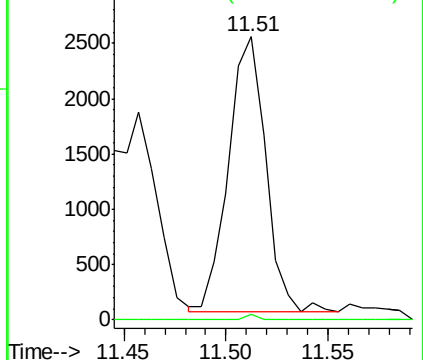
Ion Ratio Lower Upper

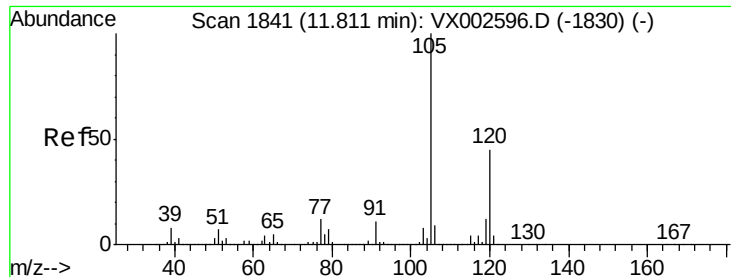
91 100

126 0.6 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.465 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

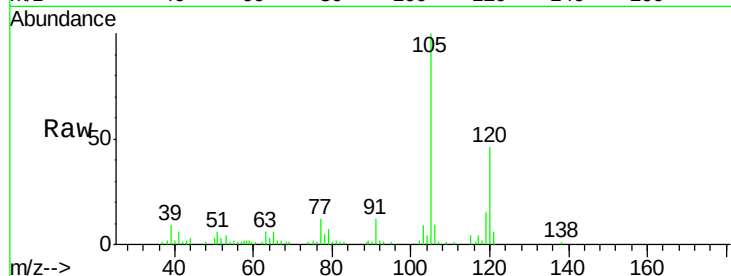
MW-5_061218

Tot Ion:105 Resp: 13630

Ion Ratio Lower Upper

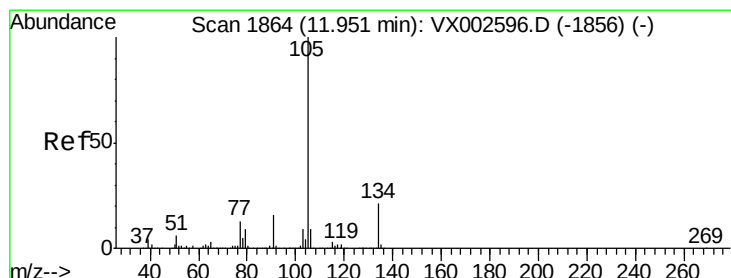
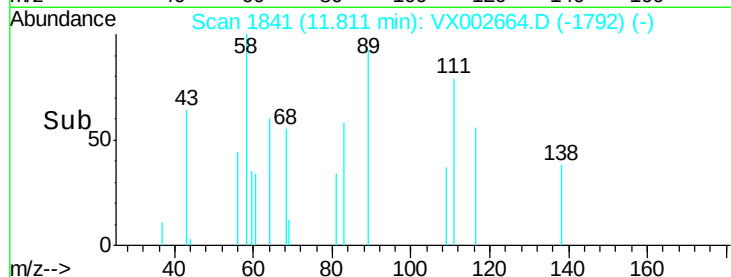
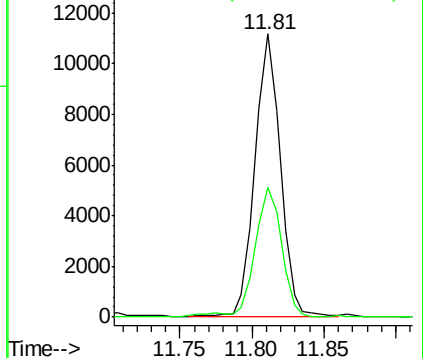
105 100

120 48.4 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: 0.569 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002664.D

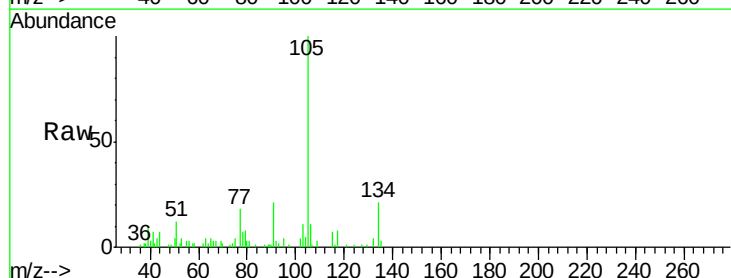
Acq: 16 Jun 2018 22:57

Tgt Ion:105 Resp: 6213

Ion Ratio Lower Upper

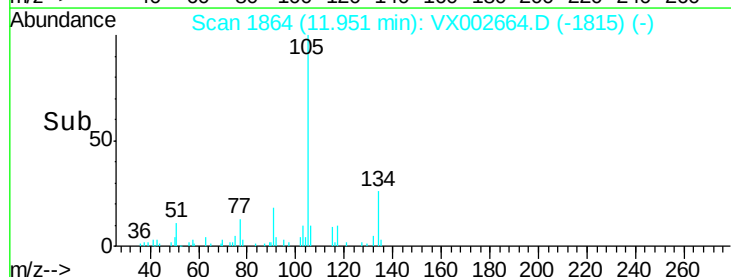
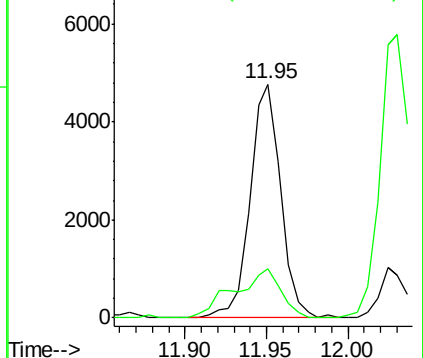
105 100

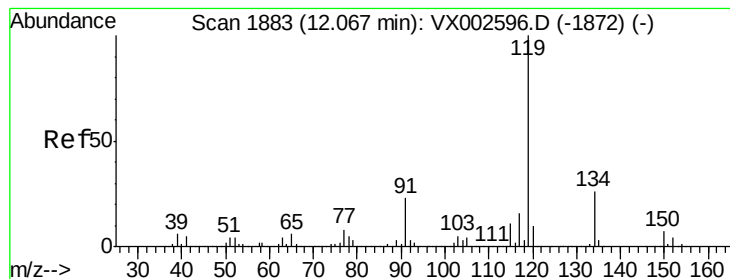
134 32.3 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 1.388 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

MW-5 061218

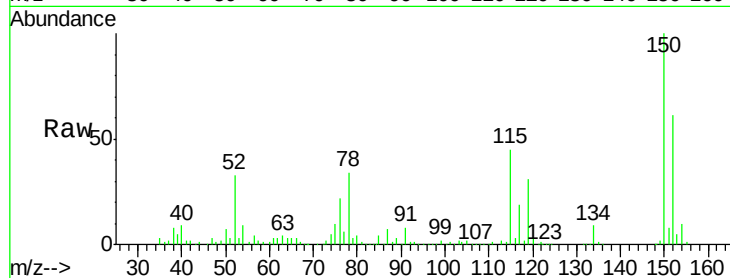
Tot Ion: 119 Resp: 13717

Ion Ratio Lower Upper

119 100

134 29.7 13.4 40.1

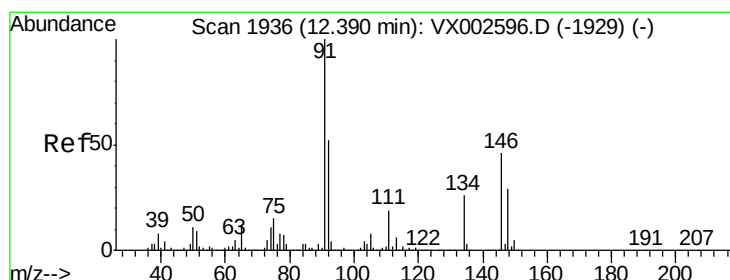
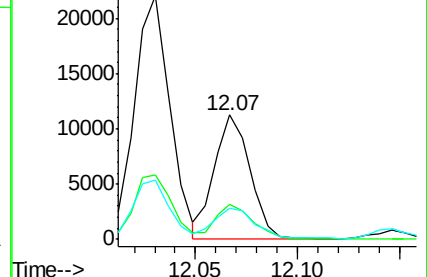
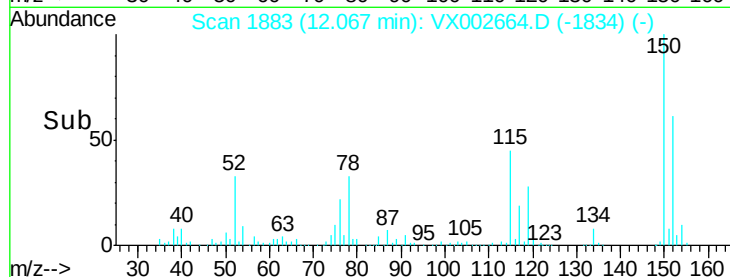
91 26.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 1.838 ug/l

RT: 12.38 min Scan# 1934

Delta R.T. -0.01 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

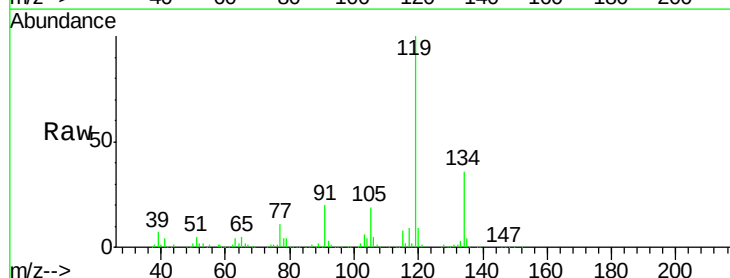
Tgt Ion: 91 Resp: 16025

Ion Ratio Lower Upper

91 100

92 19.5 26.0 78.0#

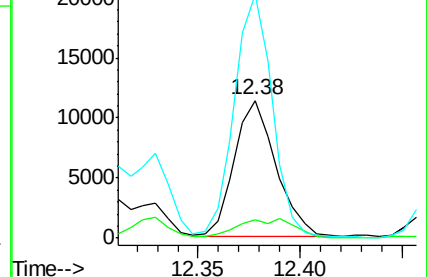
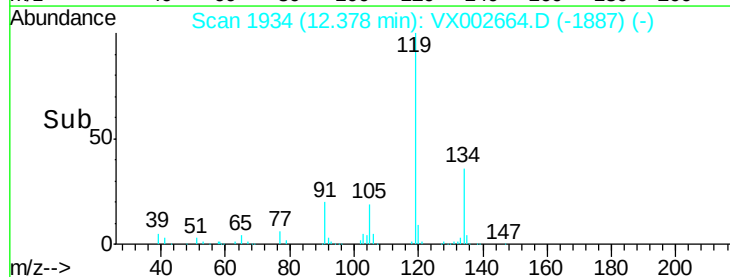
134 162.5 13.5 40.5#

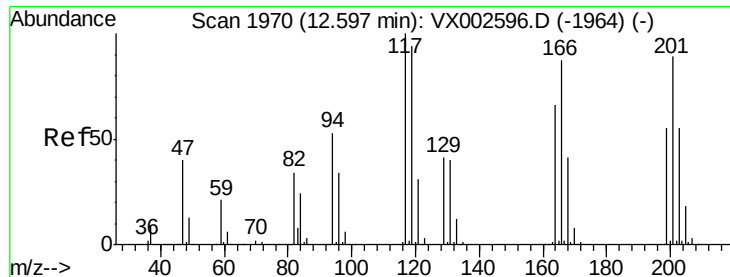


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 5.793 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.02 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

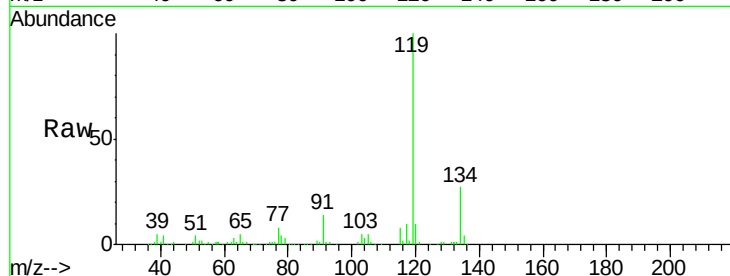
MW-5 061218

Tot Ion:117 Resp: 5151

Ion Ratio Lower Upper

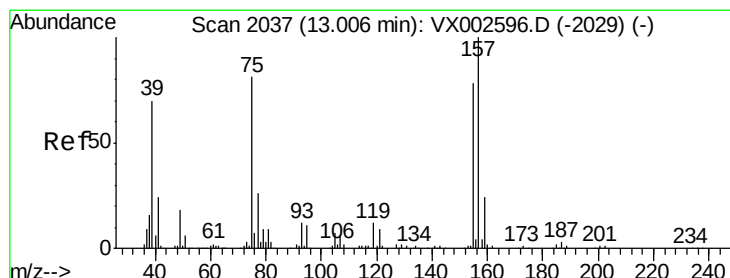
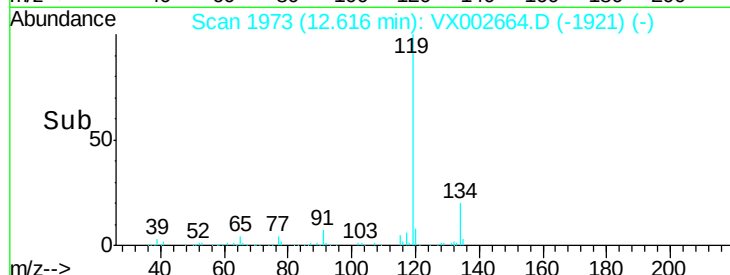
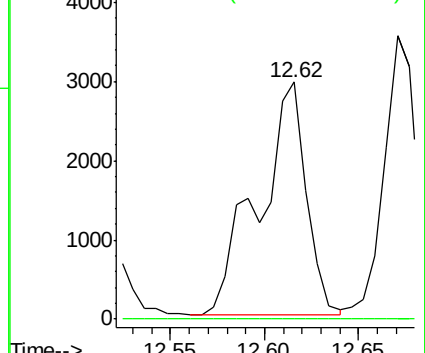
117 100

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: 0.523 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002664.D

Acq: 16 Jun 2018 22:57

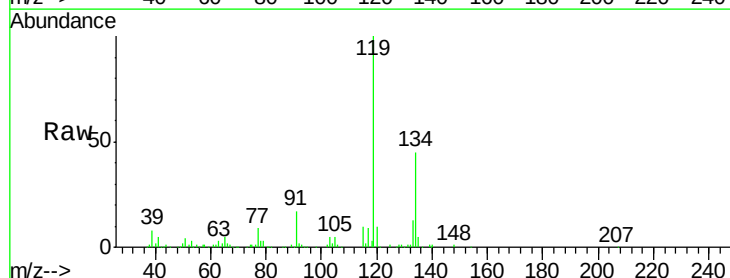
Tgt Ion: 75 Resp: 349

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 0.0 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

