

Data File : VX001988.D

Acq On : 25 May 2018 20:10

Operator : JC/MD

Sample : J3064-04

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Quant Time: May 26 00:47:11 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	474558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	285381	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	5.51	113	222913	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
50) Toluene-d8	8.72	98	810935	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	299882	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	186	Below Cal	#	41
3) Chloromethane	1.32	50	40243	8.51	ug/l	47
5) Bromomethane	1.61	94	161	Below Cal	#	42
10) Methyl Iodide	2.53	142	1797	0.35	ug/l	79
11) Tert butyl alcohol	3.09	59	30270	28.06	ug/l	96
13) Acrolein	2.28	56	6957	14.92	ug/l	24
14) Allyl chloride	2.72	41	51834	6.89	ug/l	43
15) Acrylonitrile	3.21	53	1047	0.47	ug/l	11
16) Acetone	2.45	43	75737	35.71	ug/l	99
17) Carbon Disulfide	2.64	76	1179439	114.37	ug/l	99
18) Methyl Acetate	2.79	43	45354	7.92	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	81754	6.07	ug/l	99
20) Methylene Chloride	2.86	84	666	Below Cal	#	83
21) trans-1,2-Dichloroethene	3.15	96	187	Below Cal	#	10
22) Diisopropyl ether	4.03	45	32178	2.10	ug/l	1
23) Vinyl Acetate	4.03	43	78972	6.23	ug/l	75
25) 2-Butanone	4.71	43	427263	109.92	ug/l	98
28) Bromochloromethane	5.02	49	23	Below Cal	#	14
29) Tetrahydrofuran	5.21	42	2221	0.88	ug/l	40
31) Cyclohexane	5.57	56	3577	0.47	ug/l	88
36) 1,1-Dichloropropene	5.67	75	21141	3.20	ug/l	53
37) Ethyl Acetate	4.87	43	484747	56.33	ug/l	99
38) Carbon Tetrachloride	5.67	117	28718	3.73	ug/l	15
39) Methylcyclohexane	7.47	83	9068	1.12	ug/l	90
41) Methacrylonitrile	5.22	41	9577	0.77	ug/l	51
49) 1,4-Dioxane	7.82	88	350	2.72	ug/l	21
51) 4-Methyl-2-Pentanone	8.66	43	8682	1.00	ug/l	94
55) 1,1,2-Trichloroethane	9.17	97	4962	0.97	ug/l	17
73) Isopropylbenzene	11.02	105	22979	1.13	ug/l	99
74) N-amyl acetate	6.44	43	525	Below Cal	#	87
75) 1,1,2,2-Tetrachloroethane	11.28	83	3405	Below Cal	#	65
76) 1,2,3-Trichloropropane	11.14	75	158651	27.40	ug/l	32
78) n-propylbenzene	11.37	91	27722	1.21	ug/l	95
79) 2-Chlorotoluene	11.37	91	27722	Below Cal	#	42

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ClientSampleId :
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Quant Time: May 26 00:47:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	158651	65.85	ug/l #	10
82) 4-Chlorotoluene	11.37	91	27722	1.72	ug/l #	46
83) tert-Butylbenzene	11.77	119	13529	0.79	ug/l	84
85) sec-Butylbenzene	11.95	105	28098	1.37	ug/l	88
86) p-Isopropyltoluene	12.07	119	14259	0.77	ug/l	97
89) n-Butylbenzene	12.37	91	13648	0.87	ug/l #	49
90) Hexachloroethane	12.68	117	25426	7.00	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2154	1.19	ug/l #	12
95) Naphthalene	13.84	128	9516	0.44	ug/l #	39

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

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Sample : J3064-04

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ALS Vial : 23 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

MW-02

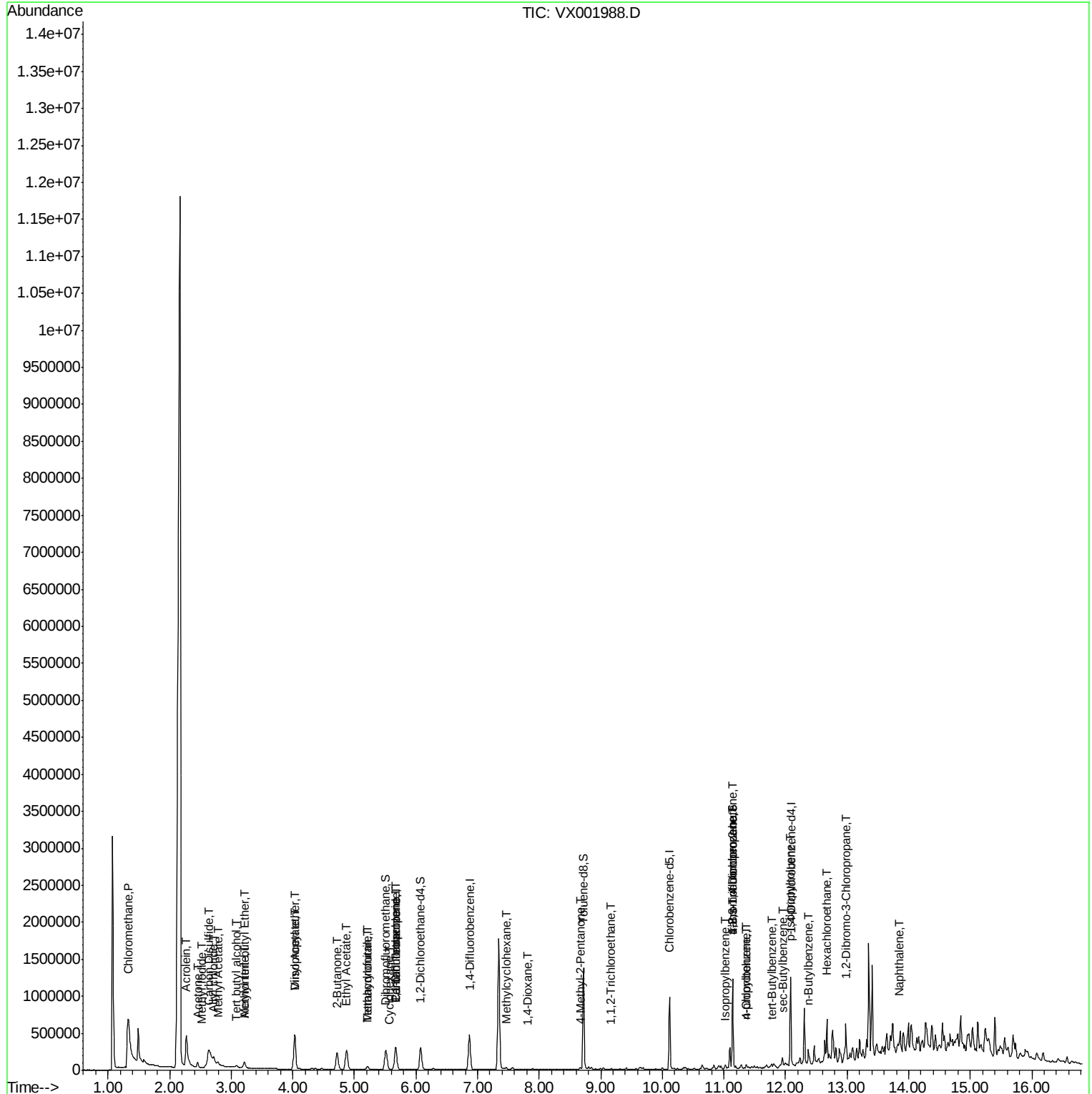
Quant Time: May 26 00:47:11 2018

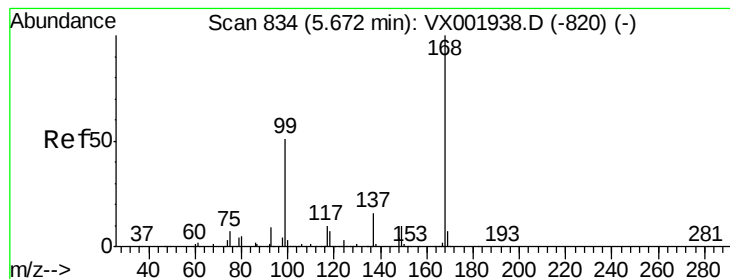
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

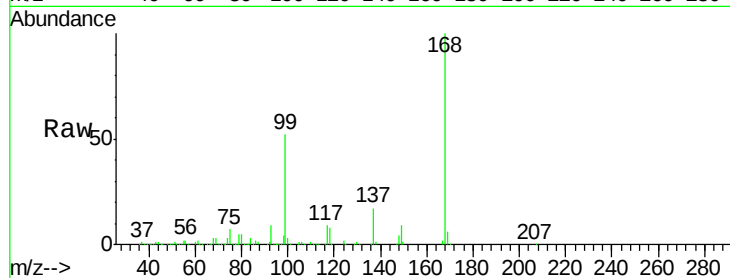
MW-02

Tgt Ion:168 Resp: 307424

Ion Ratio Lower Upper

168 100

99 51.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

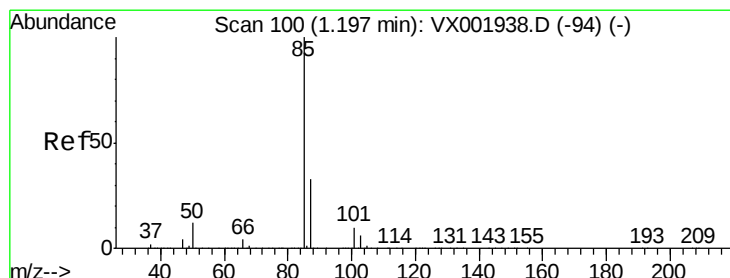
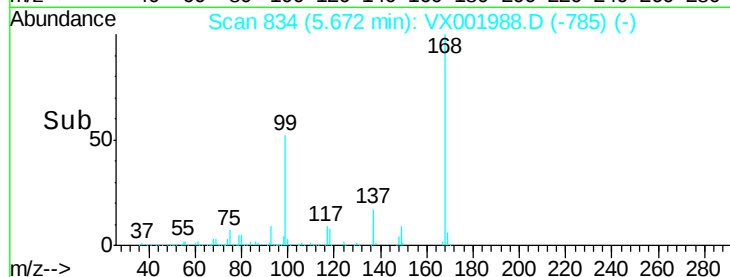
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX001988.D

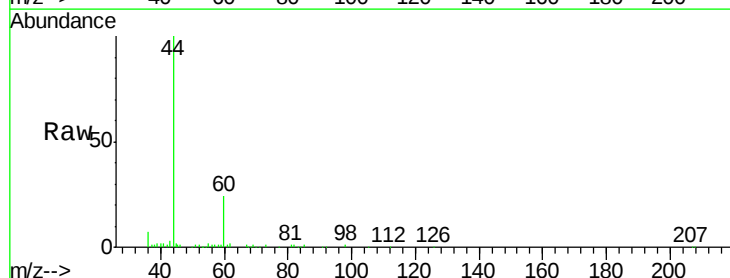
Acq: 25 May 2018 20:10

Tgt Ion: 85 Resp: 186

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

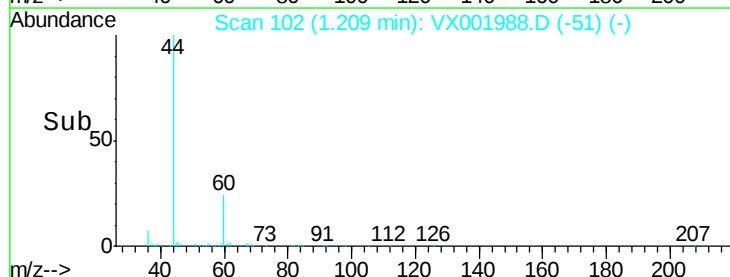
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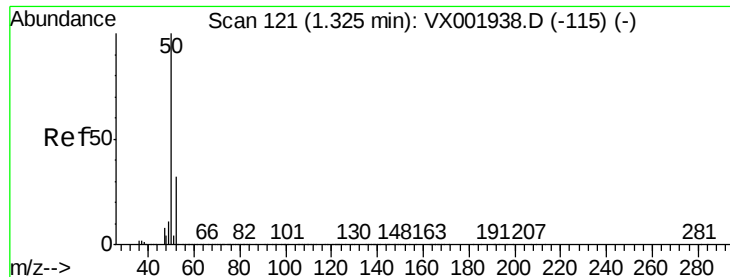
100

50

0

Time--> 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 8.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

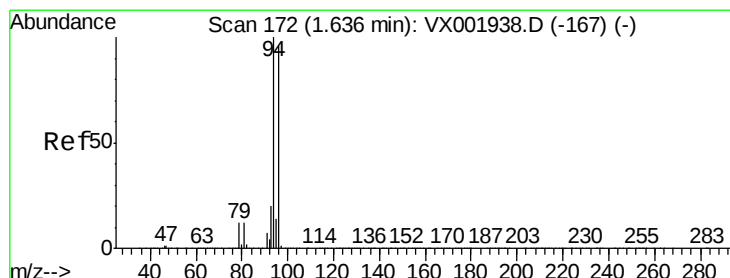
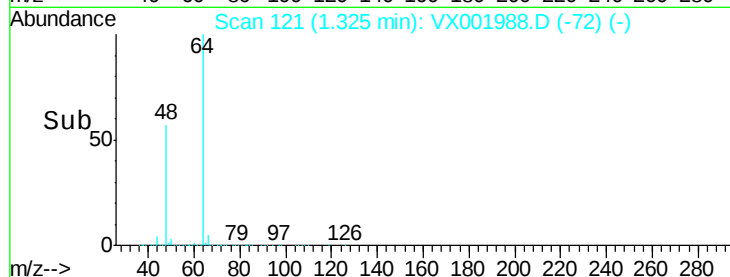
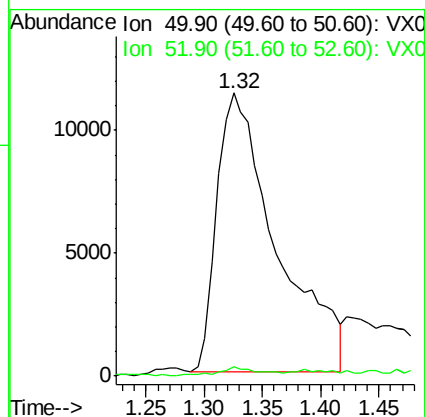
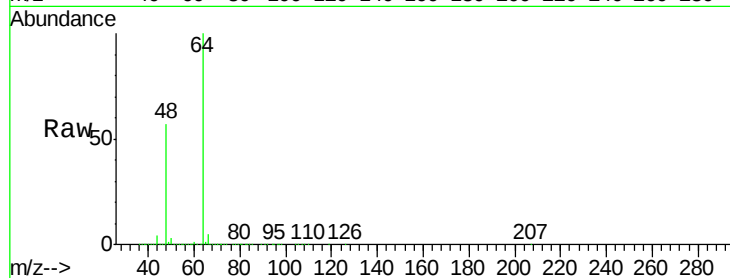
MW-02

Tgt Ion: 50 Resp: 40243

Ion Ratio Lower Upper

50 100

52 2.6 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001988.D

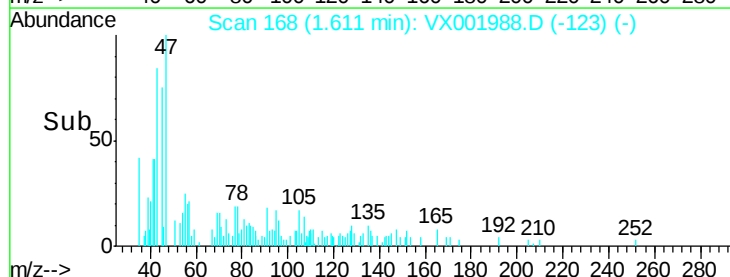
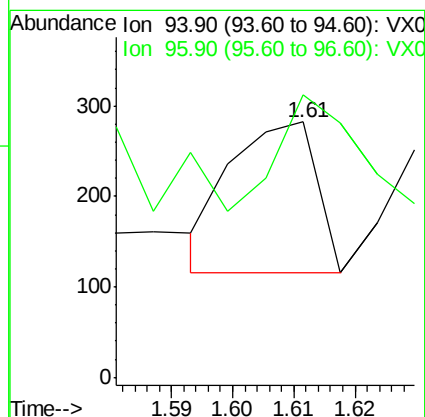
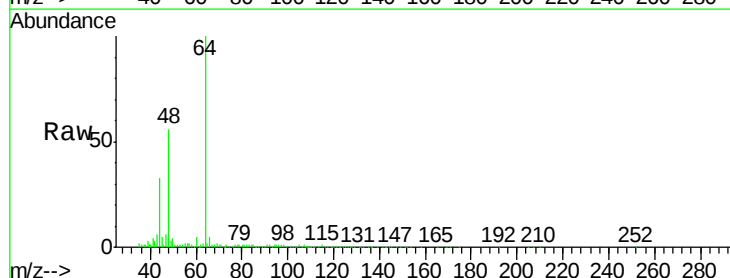
Acq: 25 May 2018 20:10

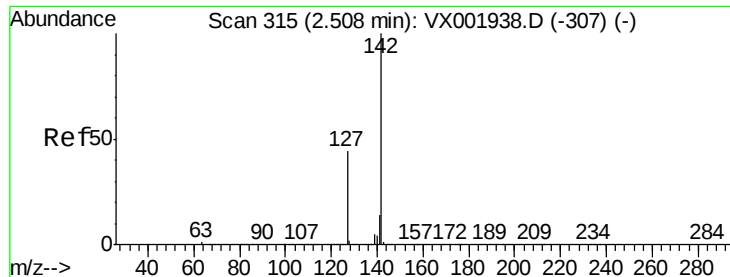
Tgt Ion: 94 Resp: 161

Ion Ratio Lower Upper

94 100

96 38.6 75.9 113.9#

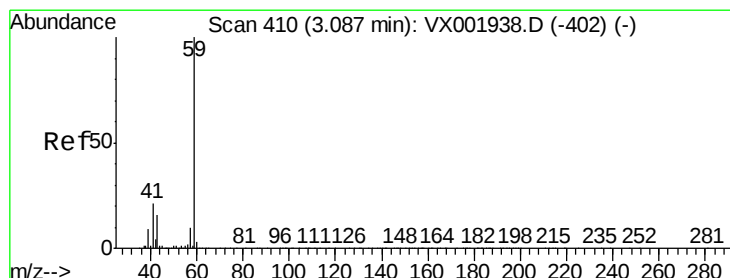
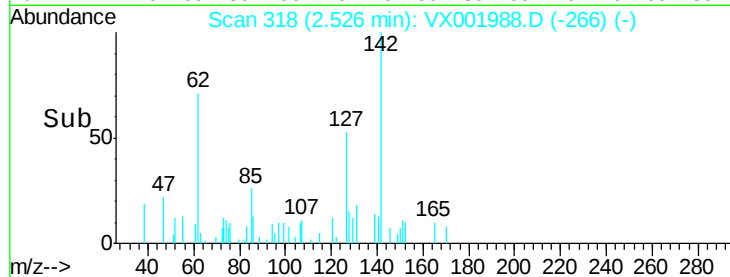
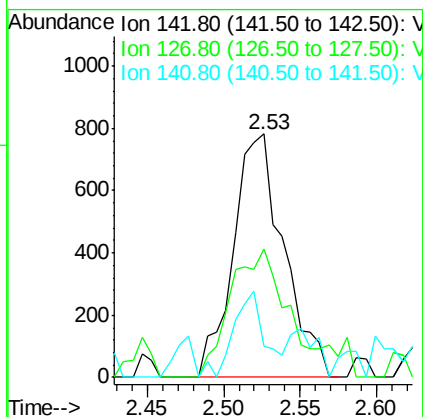
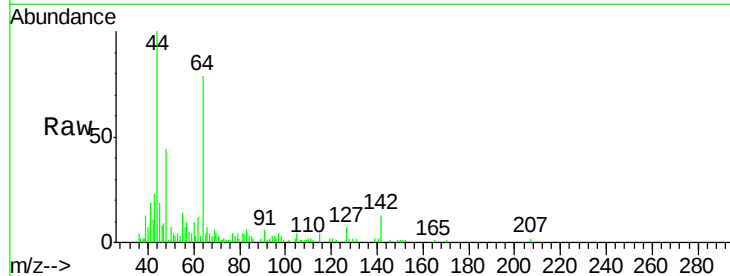




#10
Methyl Iodide
Concen: 0.35 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

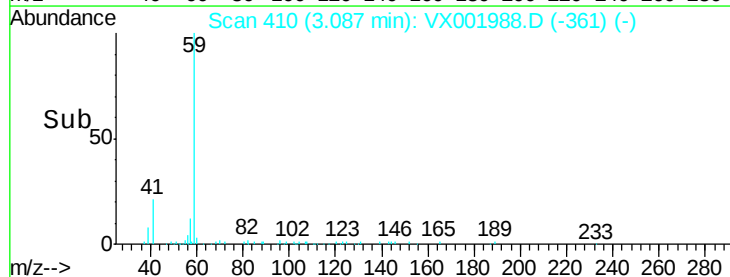
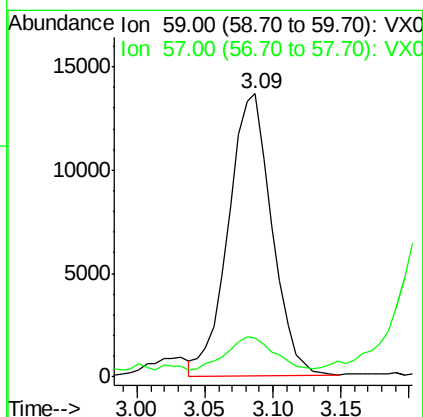
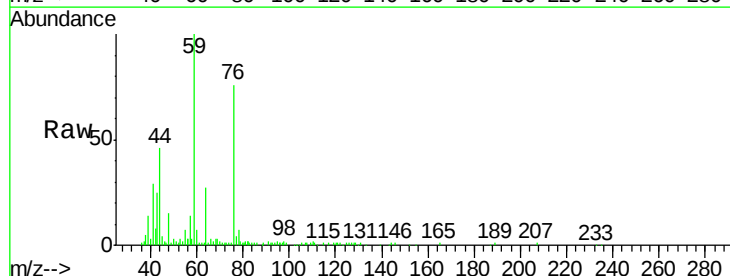
Instrument :
MSVOA_X
ClientSampleId :
MW-02

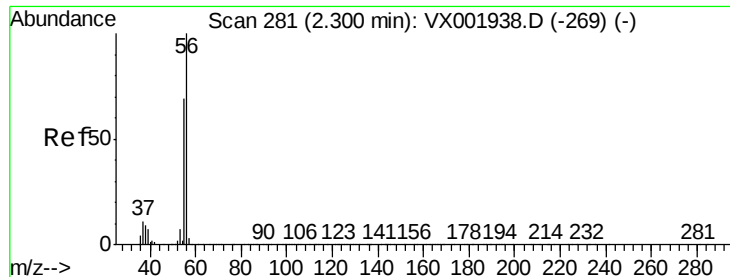
Tgt Ion	Ratio	Lower	Upper
142	100		
127	59.1	35.5	53.3#
141	21.1	11.3	16.9#



#11
Tert butyl alcohol
Concen: 28.06 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Tgt Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.9	13.3





#13

Acrolein

Concen: 14.92 ug/l

RT: 2.28 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

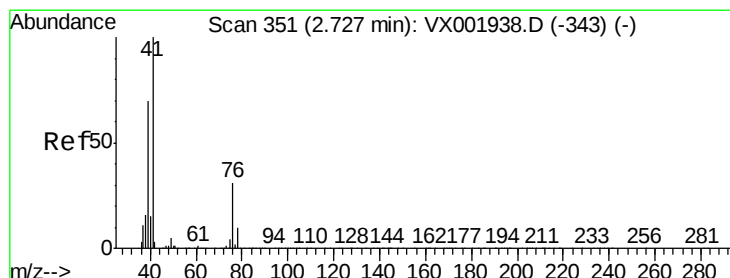
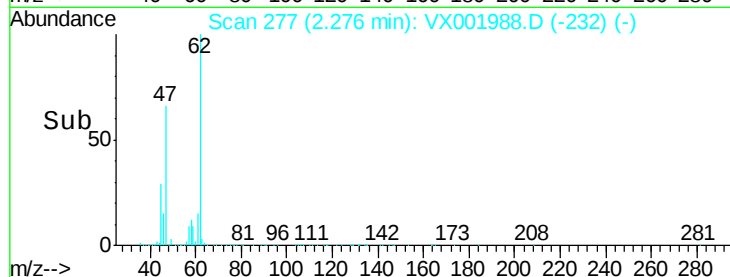
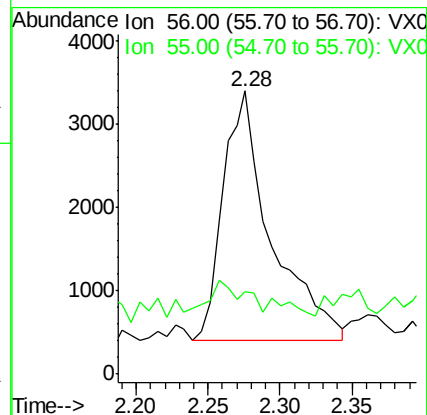
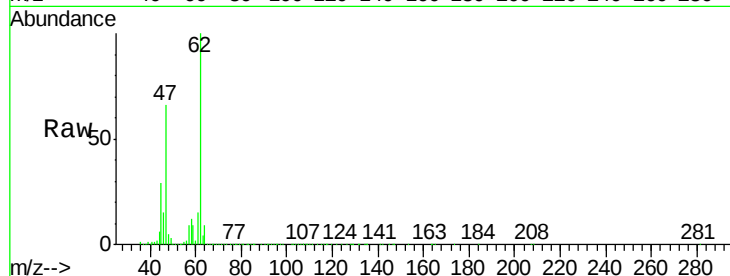
MW-02

Tgt Ion: 56 Resp: 6957

Ion Ratio Lower Upper

56 100

55 7.9 56.8 85.2#



#14

Allyl chloride

Concen: 6.89 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

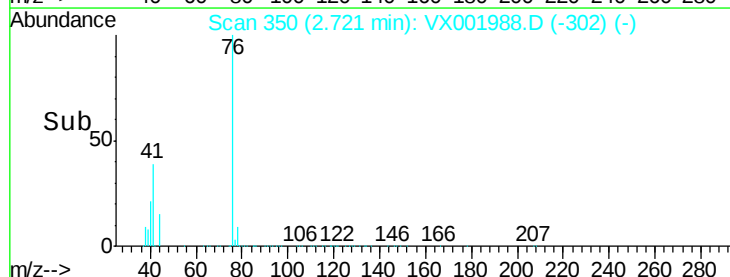
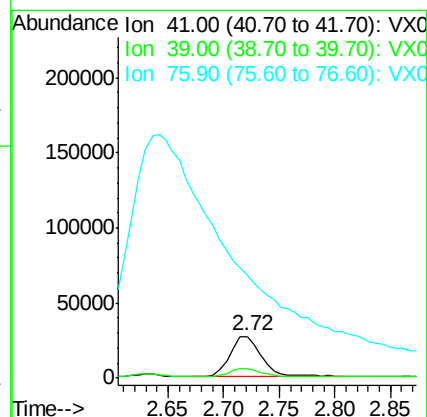
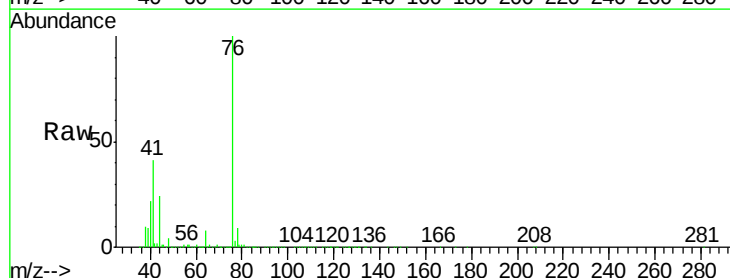
Tgt Ion: 41 Resp: 51834

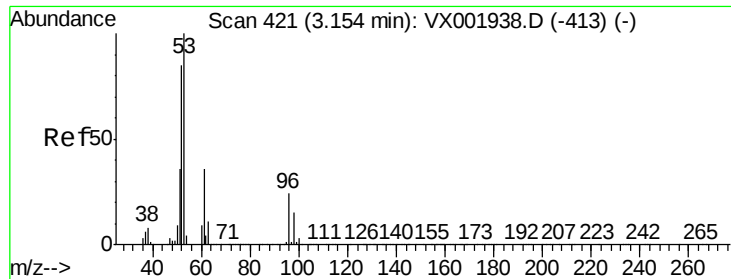
Ion Ratio Lower Upper

41 100

39 21.9 54.3 81.5#

76 0.0 24.2 36.4#





#15

Acrylonitrile

Concen: 0.47 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.05 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampled :

MW-02

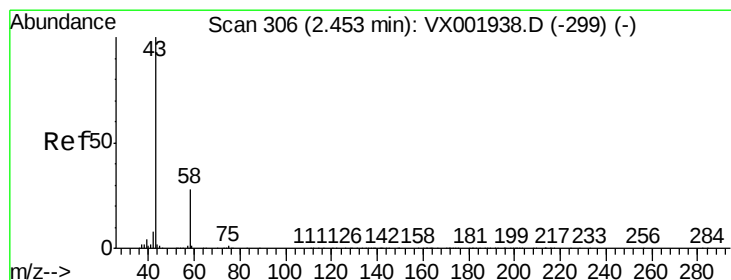
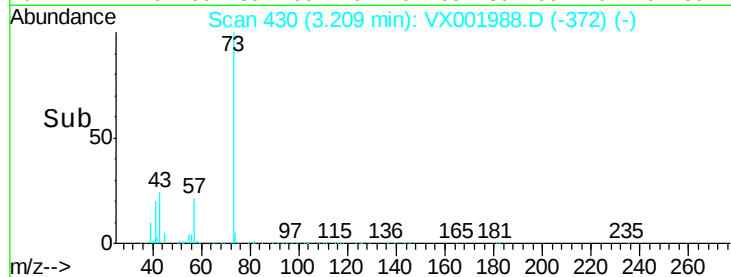
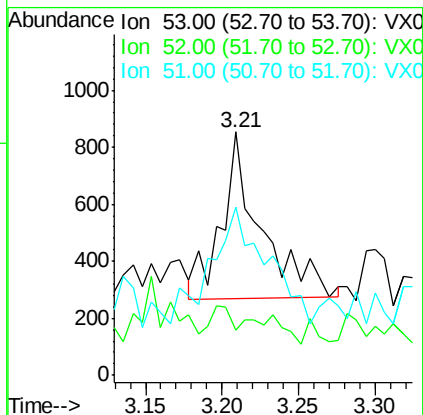
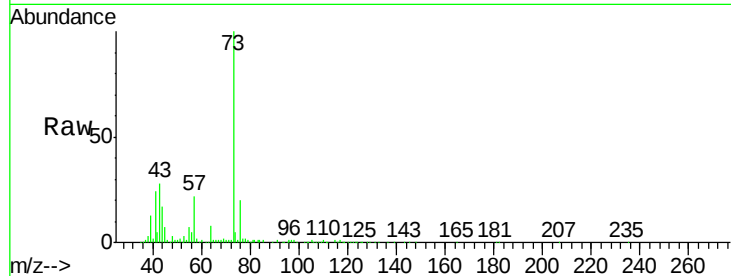
Tgt Ion: 53 Resp: 1047

Ion Ratio Lower Upper

53 100

52 9.9 66.4 99.6#

51 98.9 29.3 43.9#



#16

Acetone

Concen: 35.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001988.D

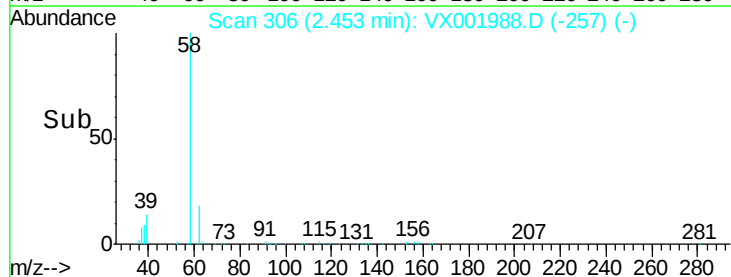
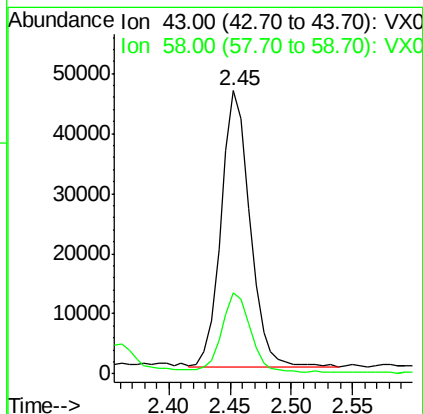
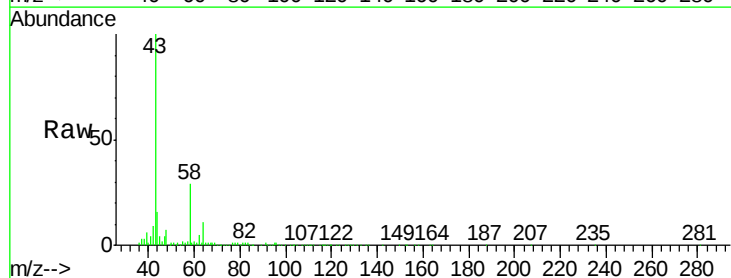
Acq: 25 May 2018 20:10

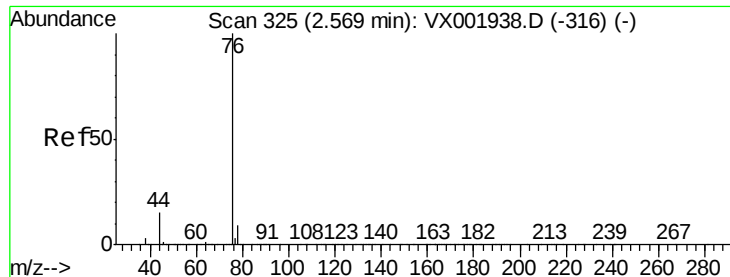
Tgt Ion: 43 Resp: 75737

Ion Ratio Lower Upper

43 100

58 28.5 22.3 33.5

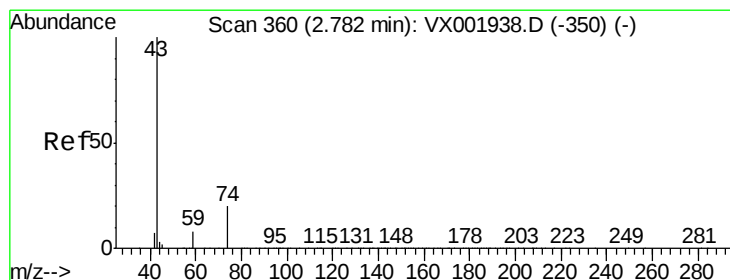
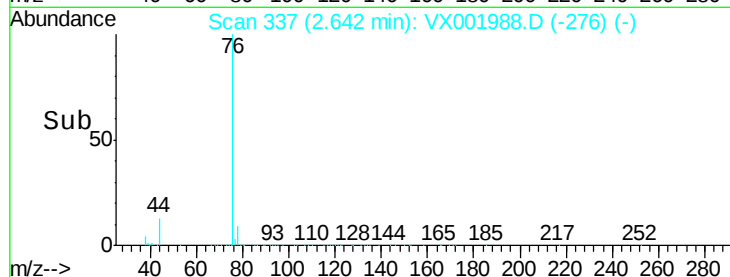
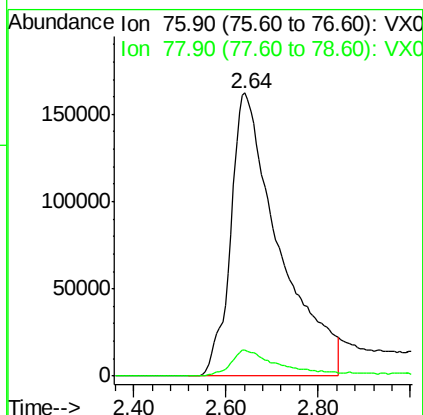
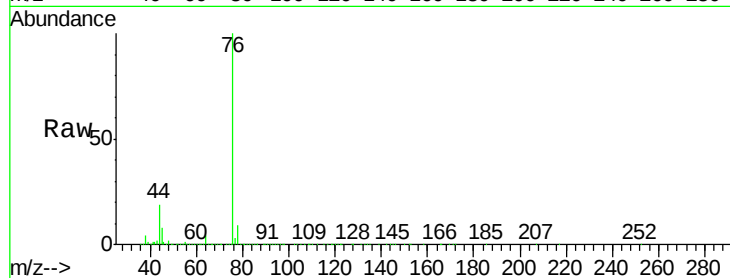




#17
Carbon Disulfide
Concen: 114.37 ug/l
RT: 2.64 min Scan# 337
Delta R.T. 0.07 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

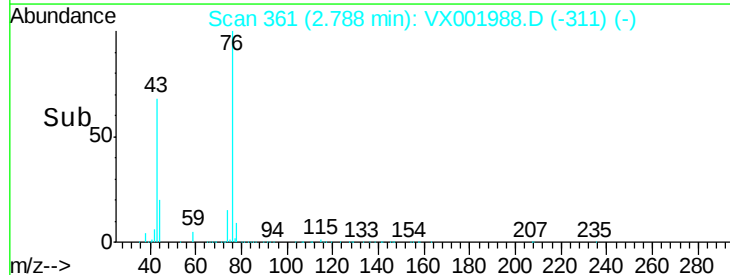
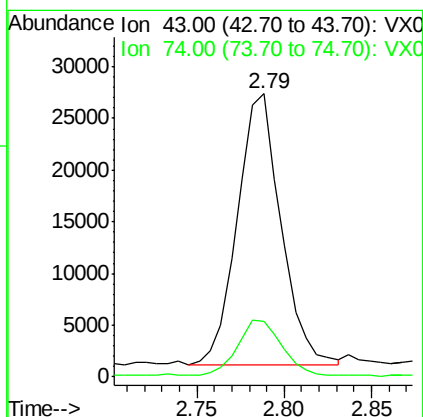
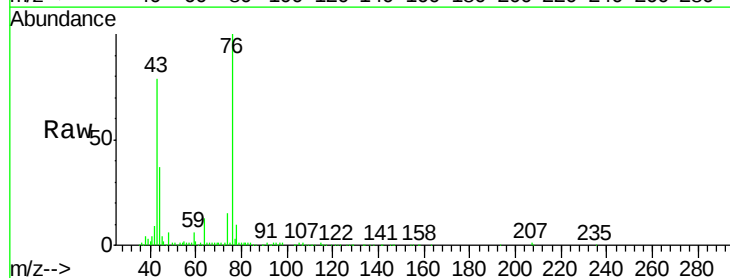
Instrument :
MSVOA_X
ClientSampleId :
MW-02

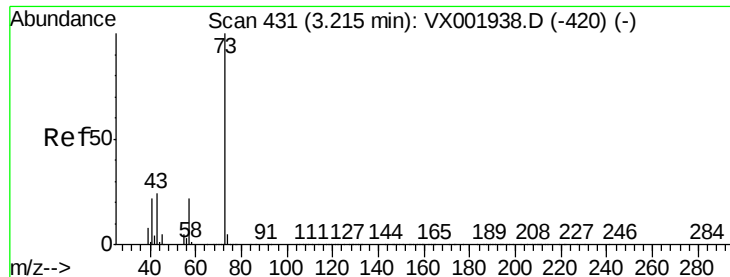
Tgt Ion: 76 Resp: 1179439
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 7.92 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Tgt Ion: 43 Resp: 45354
Ion Ratio Lower Upper
43 100
74 21.5 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 6.07 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

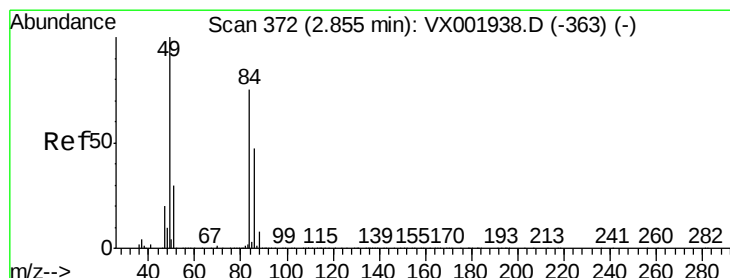
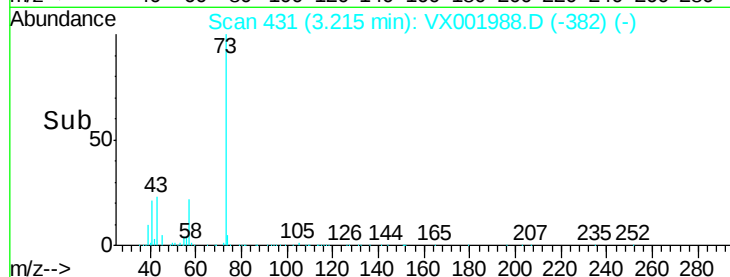
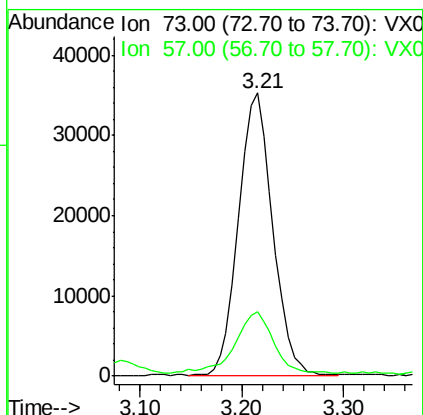
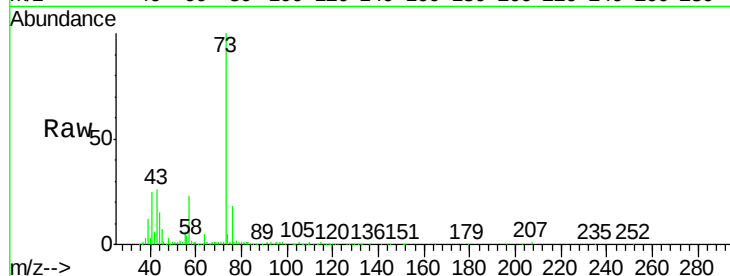
MW-02

Tgt Ion: 73 Resp: 81754

Ion Ratio Lower Upper

73 100

57 22.0 17.4 26.0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Tgt Ion: 84 Resp: 666

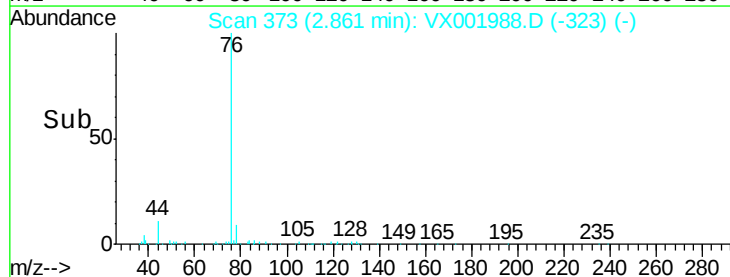
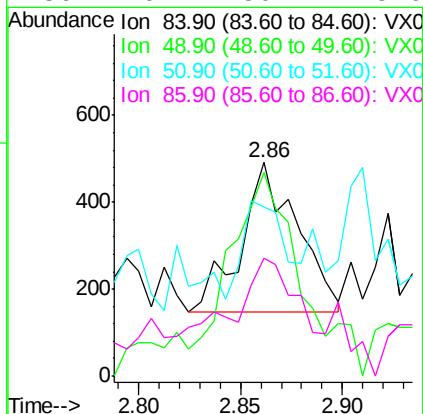
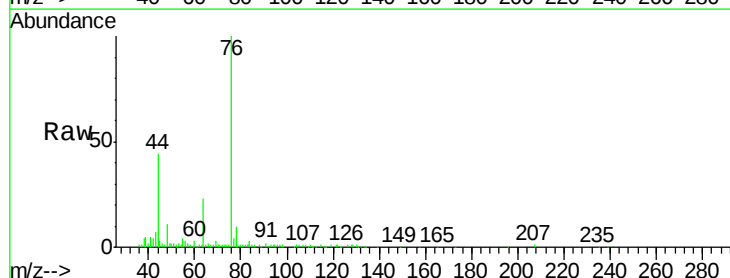
Ion Ratio Lower Upper

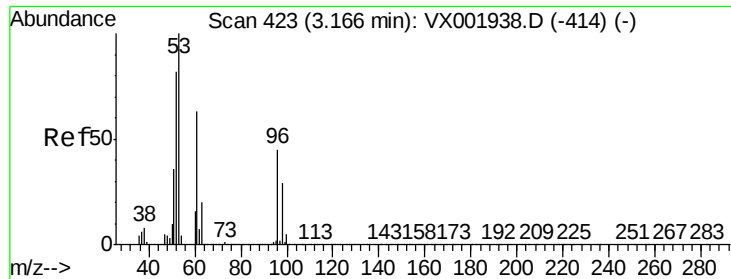
84 100

49 118.0 107.2 160.8

51 53.0 32.4 48.6#

86 46.1 50.4 75.6#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampled :

MW-02

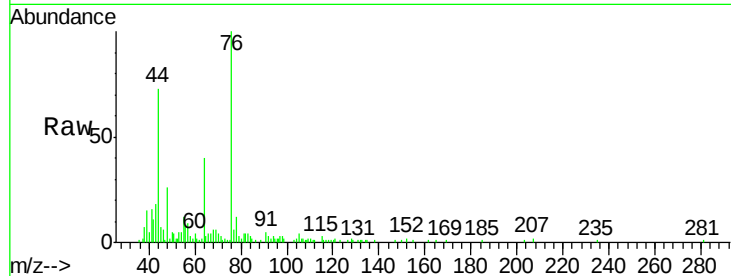
Tgt Ion: 96 Resp: 187

Ion Ratio Lower Upper

96 100

61 11.7 113.3 169.9#

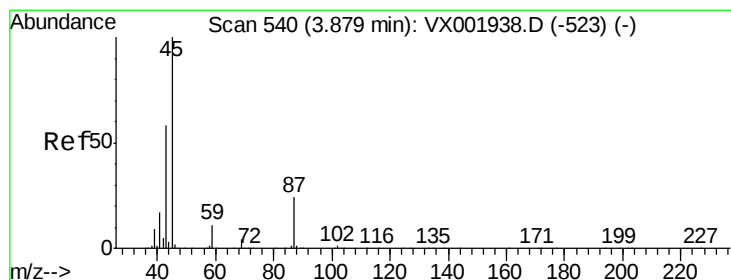
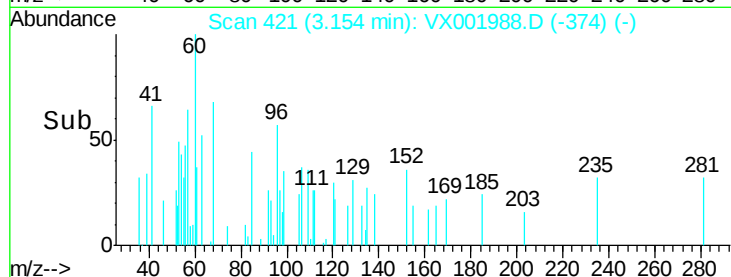
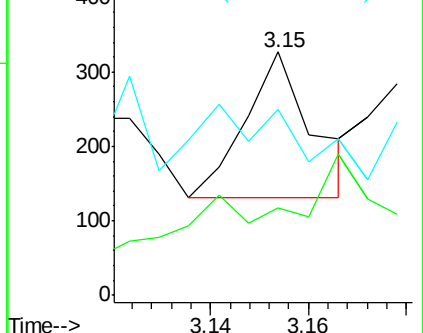
98 21.4 51.7 77.5#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.10 ug/l

RT: 4.03 min Scan# 565

Delta R.T. 0.15 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Tgt Ion: 45 Resp: 32178

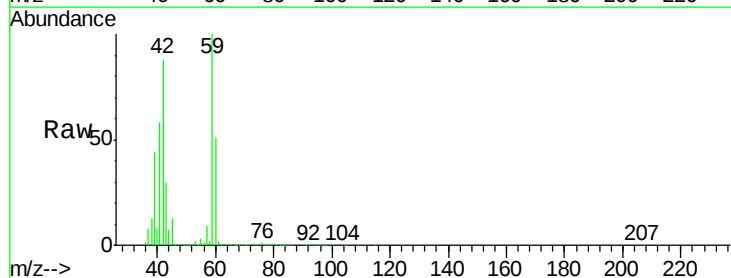
Ion Ratio Lower Upper

45 100

43 241.5 47.0 70.6#

87 0.0 19.4 29.0#

59 808.6 8.5 12.7#

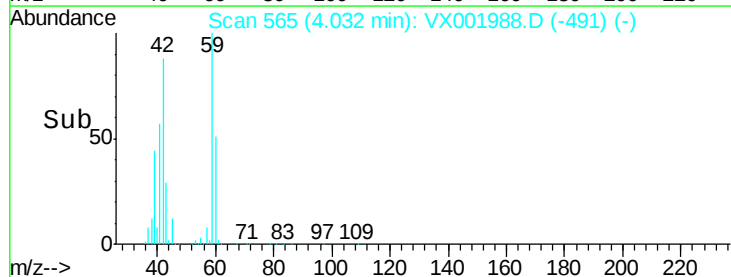
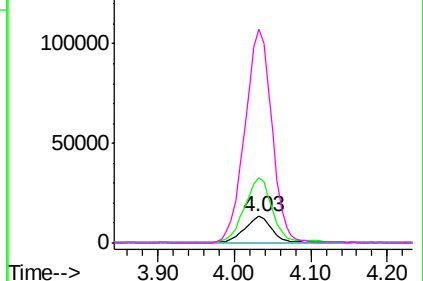


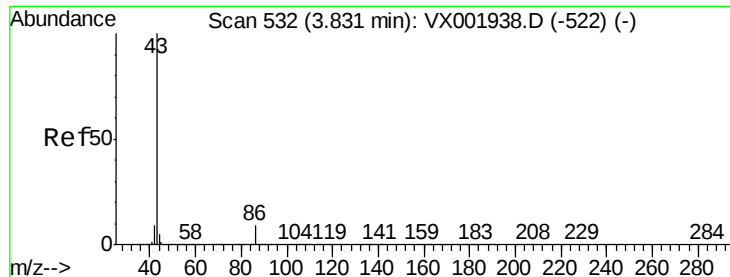
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

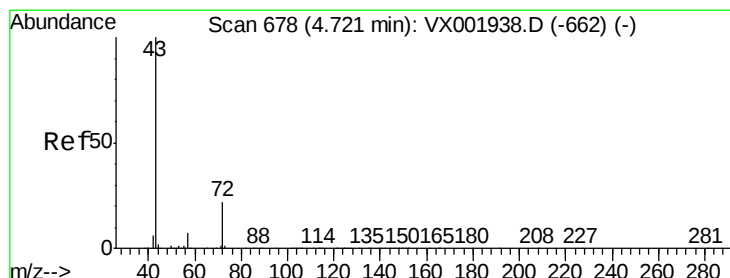
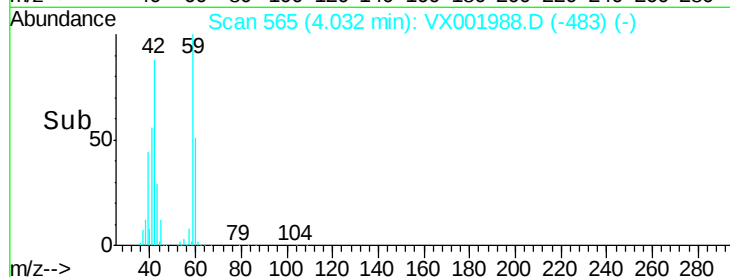
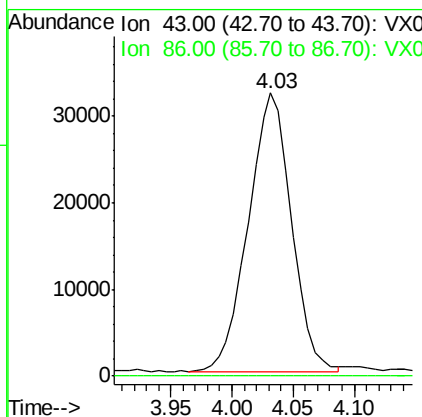
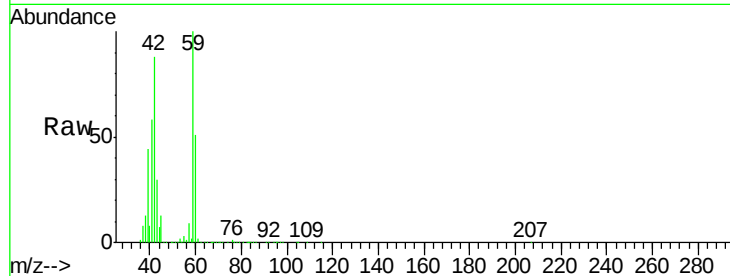




#23
 Vinyl Acetate
 Concen: 6.23 ug/l
 RT: 4.03 min Scan# 565
 Delta R.T. 0.20 min
 Lab File: VX001988.D
 Acq: 25 May 2018 20:10

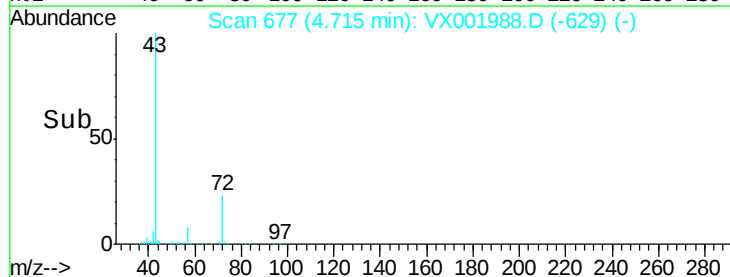
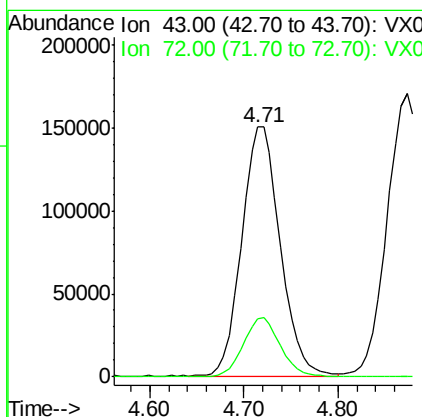
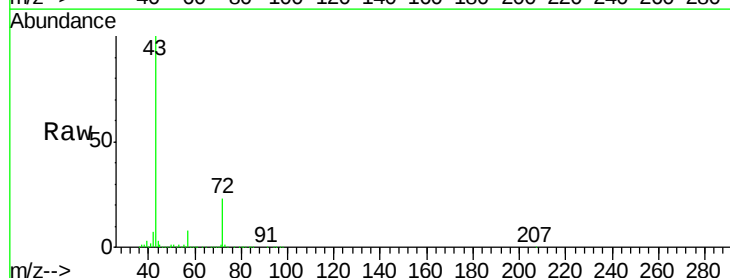
Instrument :
 MSVOA_X
 ClientSampled :
 MW-02

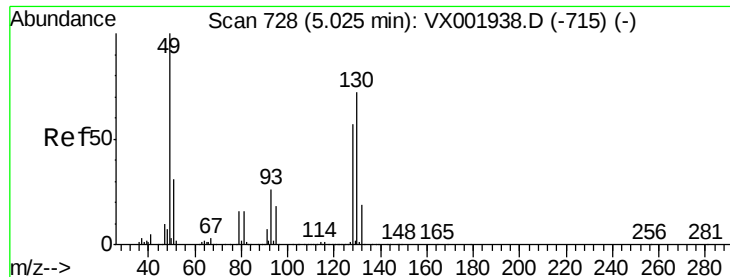
Tgt Ion: 43 Resp: 78972
 Ion Ratio Lower Upper
 43 100
 86 0.3 7.6 11.4#



#25
 2-Butanone
 Concen: 109.92 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX001988.D
 Acq: 25 May 2018 20:10

Tgt Ion: 43 Resp: 427263
 Ion Ratio Lower Upper
 43 100
 72 23.2 17.9 26.9





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

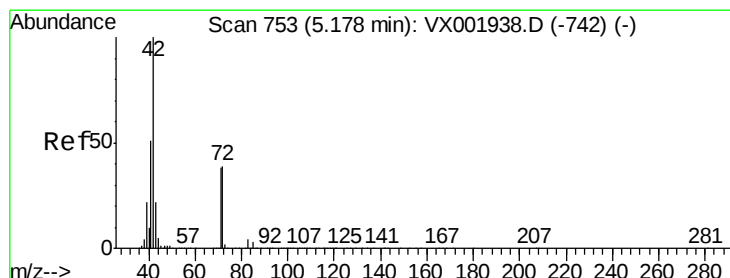
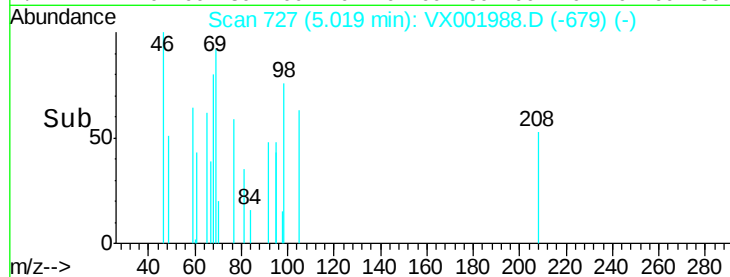
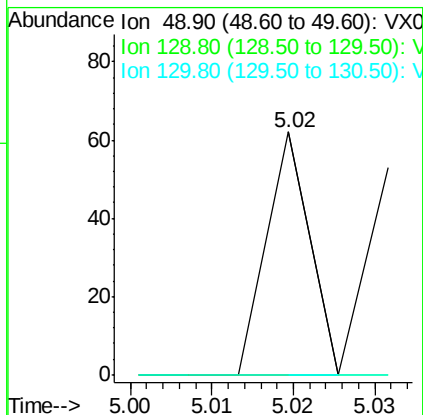
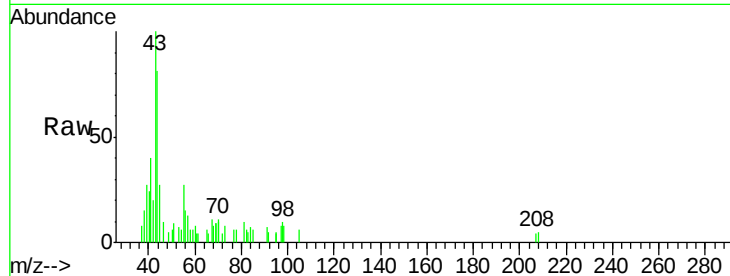
Delta R.T. -0.01 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:	49	Resp:	23
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#



#29

Tetrahydrofuran

Concen: 0.88 ug/l

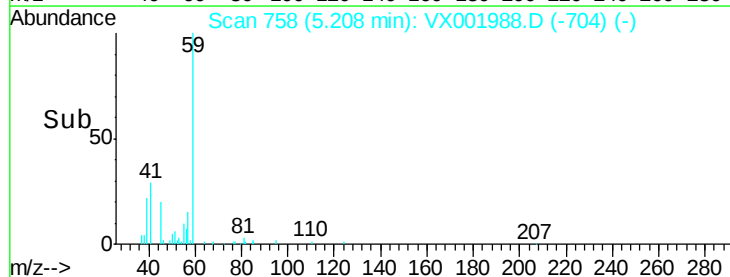
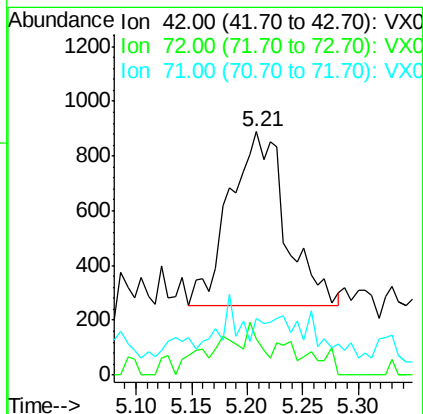
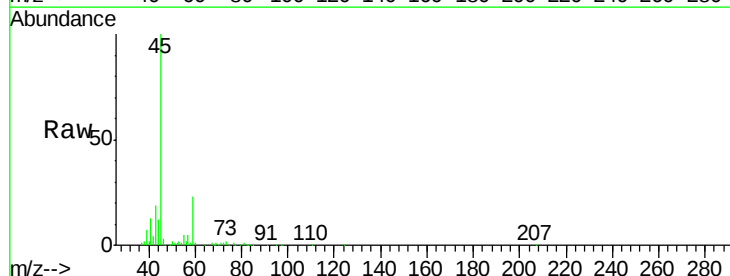
RT: 5.21 min Scan# 758

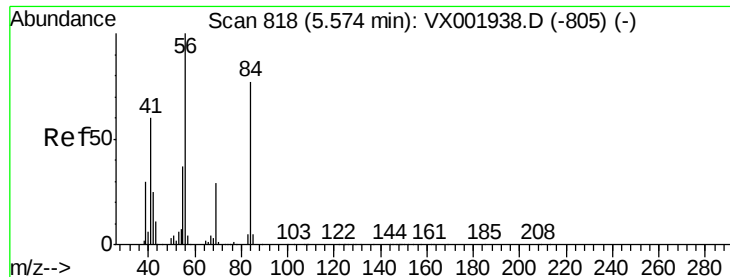
Delta R.T. 0.03 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Tgt Ion:	42	Resp:	2221
Ion	Ratio	Lower	Upper
42	100		
72	4.1	31.4	47.0#
71	0.0	29.5	44.3#

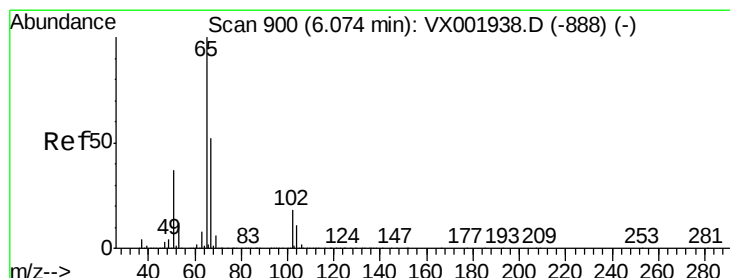
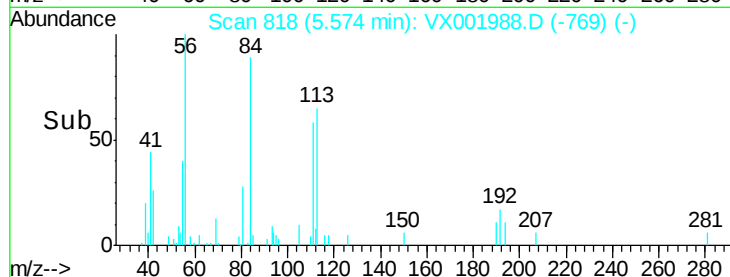
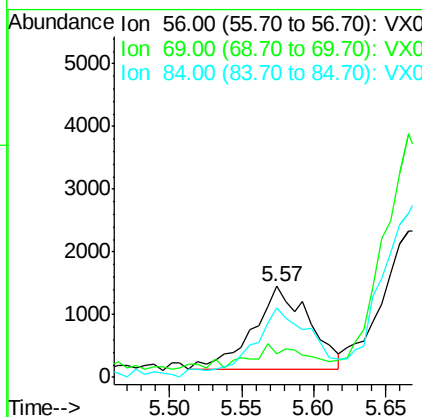
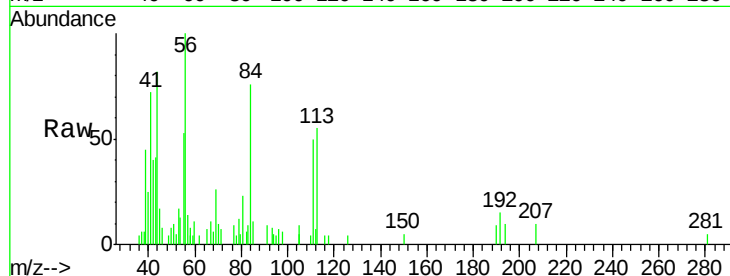




#31
Cyclohexane
Concen: 0.47 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

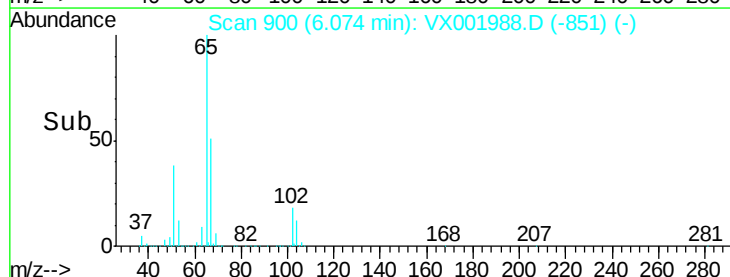
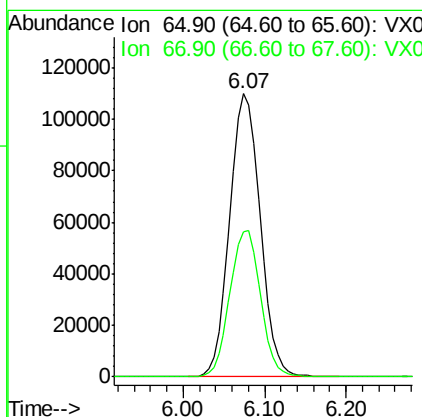
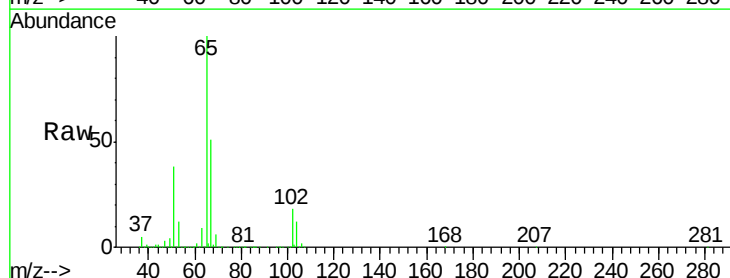
Instrument :
MSVOA_X
ClientSampled :
MW-02

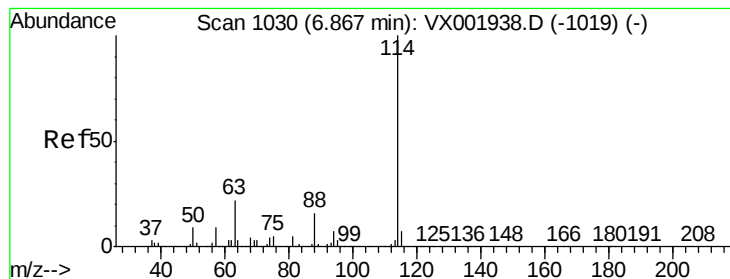
Tgt Ion: 56 Resp: 3577
Ion Ratio Lower Upper
56 100
69 12.0 23.1 34.7#
84 74.0 62.0 93.0



#33
1,2-Dichloroethane-d4
Concen: 51.93 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Tgt Ion: 65 Resp: 285381
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

MW-02

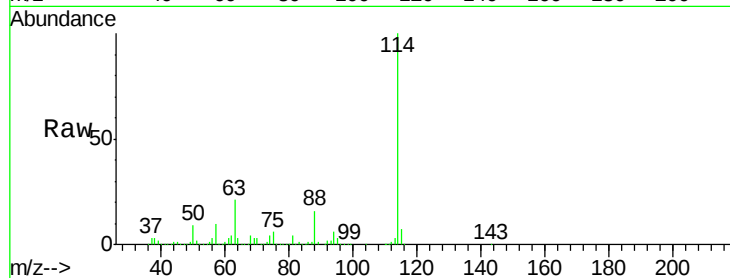
Tgt Ion:114 Resp: 474558

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

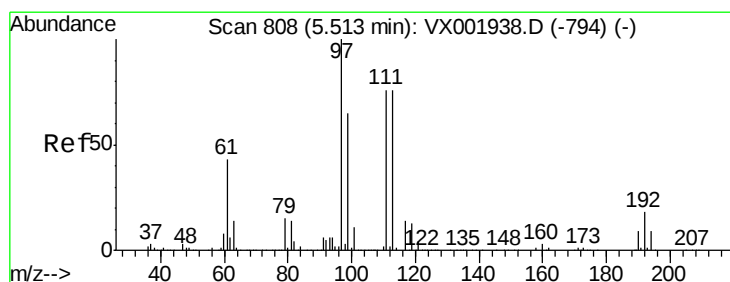
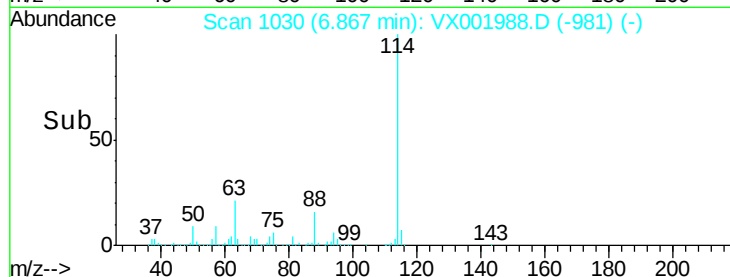
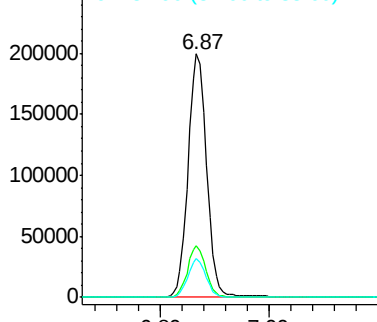
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

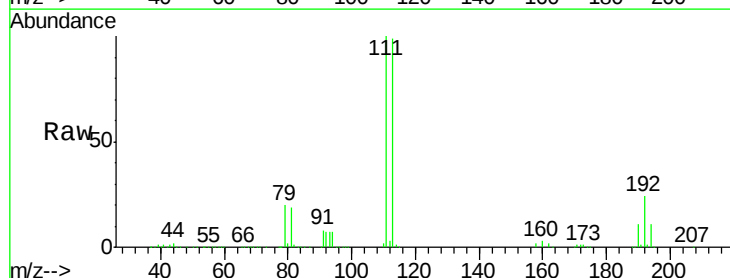
Tgt Ion:113 Resp: 222913

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

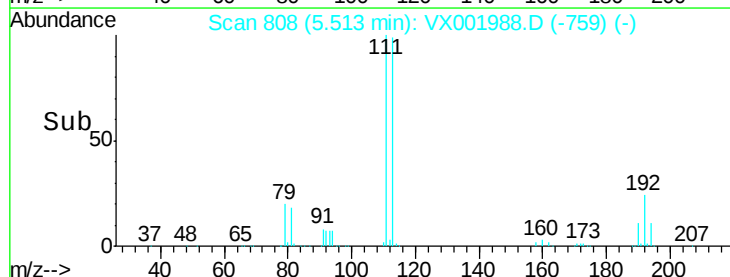
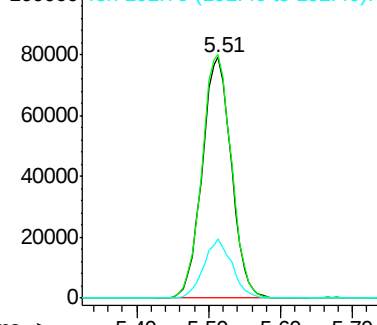
192 23.6 18.9 28.3

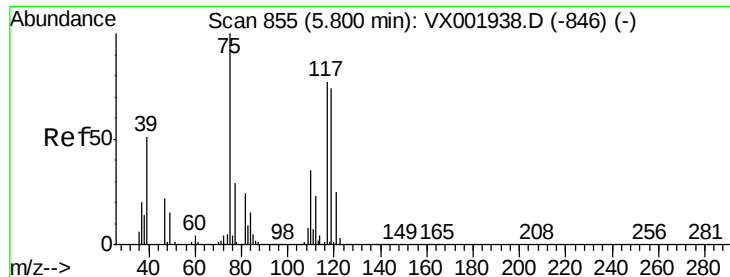


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

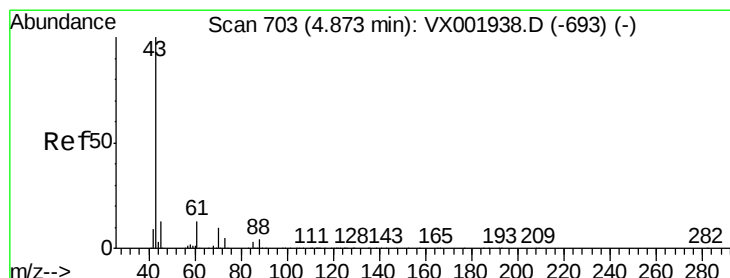
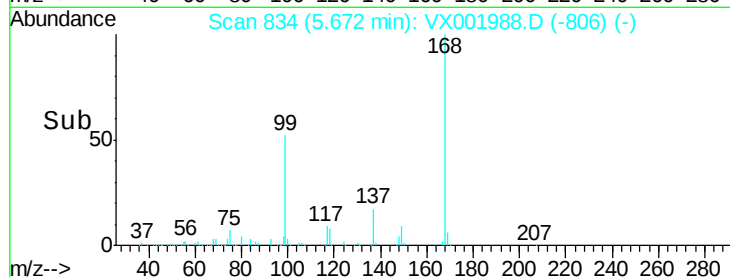
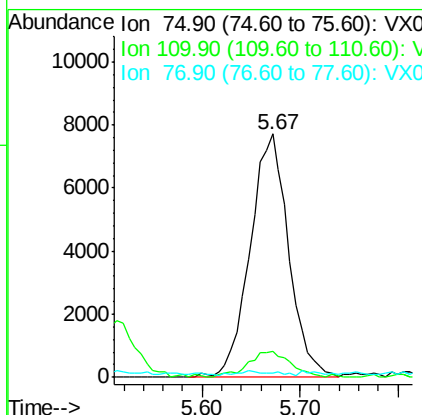
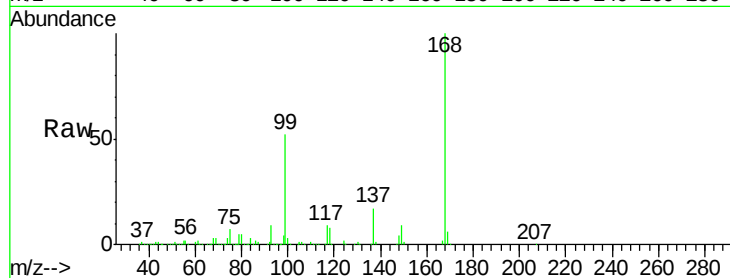




#36
 1,1-Dichloropropene
 Concen: 3.20 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001988.D
 Acq: 25 May 2018 20:10

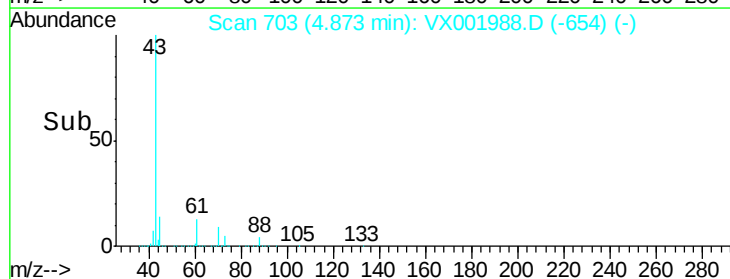
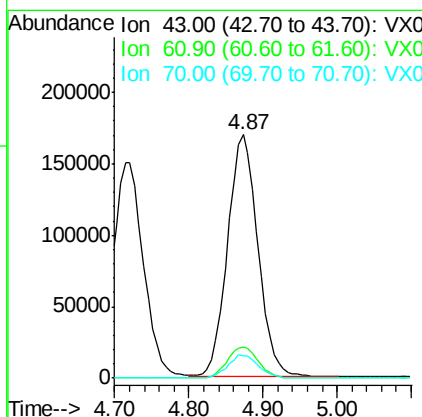
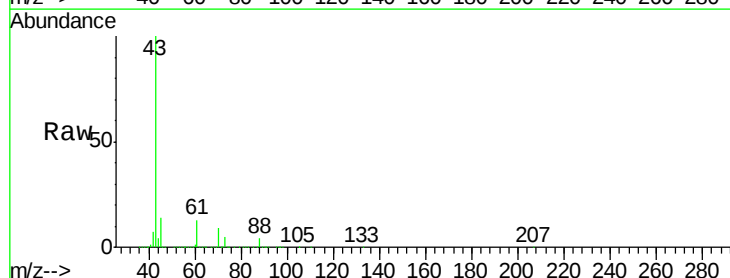
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

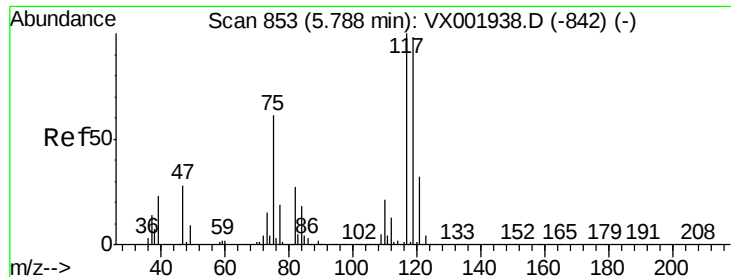
Tgt Ion: 75 Resp: 21141
 Ion Ratio Lower Upper
 75 100
 110 11.8 17.4 52.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 56.33 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VX001988.D
 Acq: 25 May 2018 20:10

Tgt Ion: 43 Resp: 484747
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.2 15.2
 70 9.4 7.8 11.8

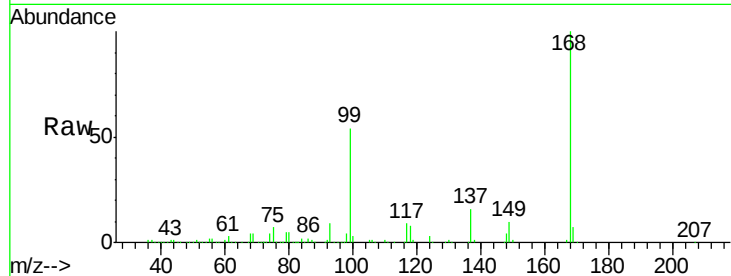




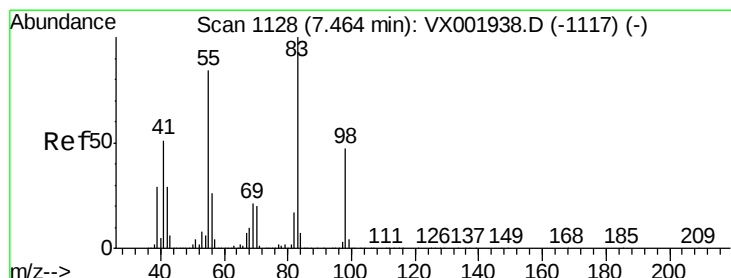
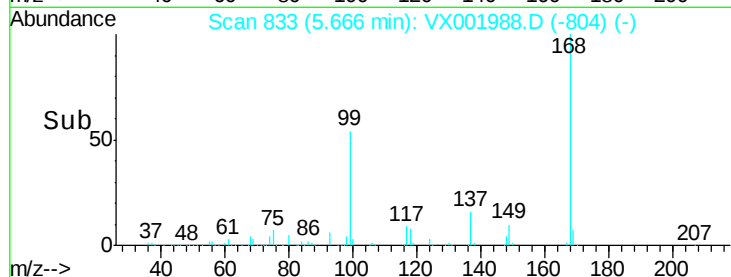
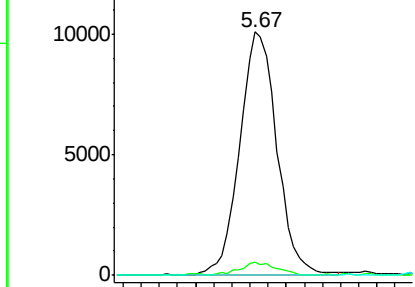
#38
Carbon Tetrachloride
Concen: 3.73 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Instrument :
MSVOA_X
ClientSampled :
MW-02

Tgt Ion: 117 Resp: 28718
Ion Ratio Lower Upper
117 100
119 5.6 78.5 117.7#
121 0.0 25.5 38.3#

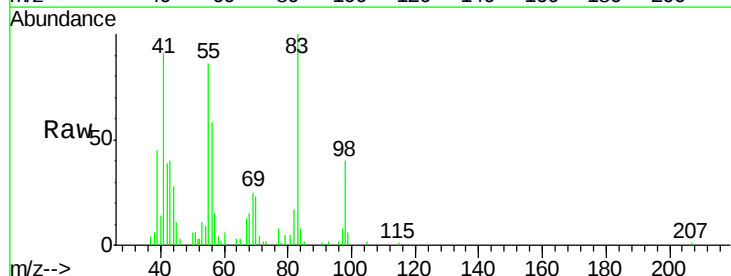


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

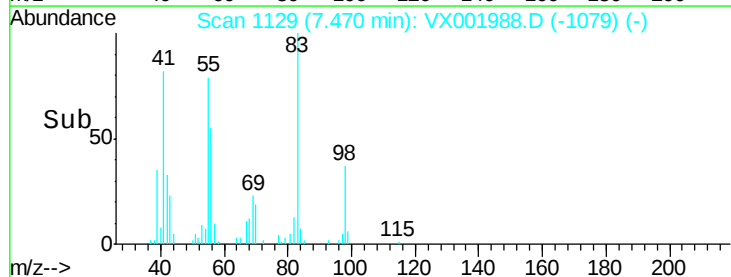
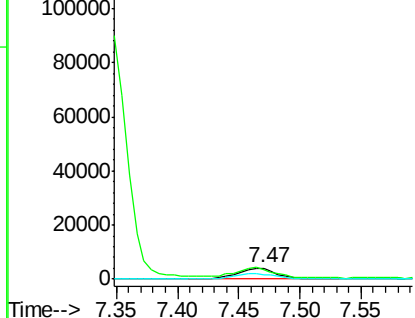


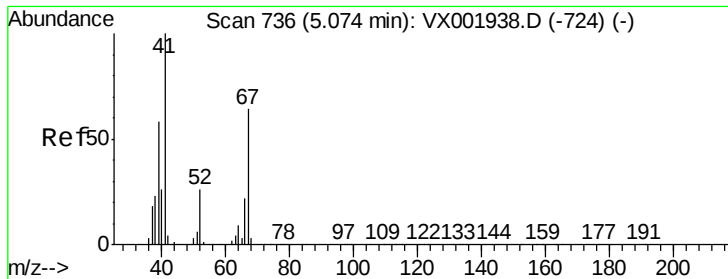
#39
Methylcyclohexane
Concen: 1.12 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Tgt Ion: 83 Resp: 9068
Ion Ratio Lower Upper
83 100
55 77.0 67.3 100.9
98 38.2 37.5 56.3



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





#41

Methacrylonitrile

Concen: 0.77 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.15 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampled :

MW-02

Tgt Ion: 41 Resp: 9577

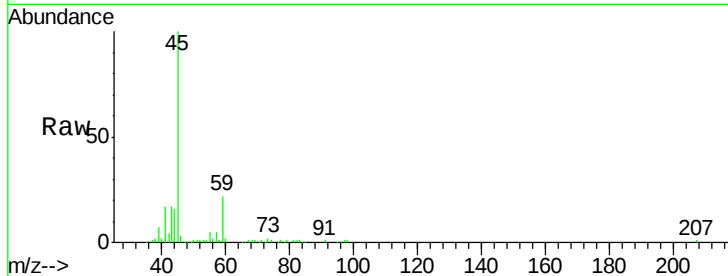
Ion Ratio Lower Upper

41 100

39 44.2 46.0 69.0#

67 2.0 50.6 75.8#

52 3.7 21.9 32.9#

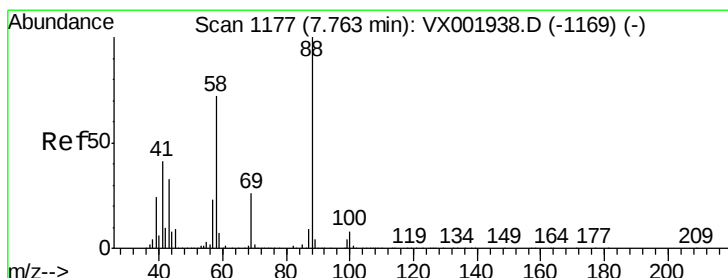
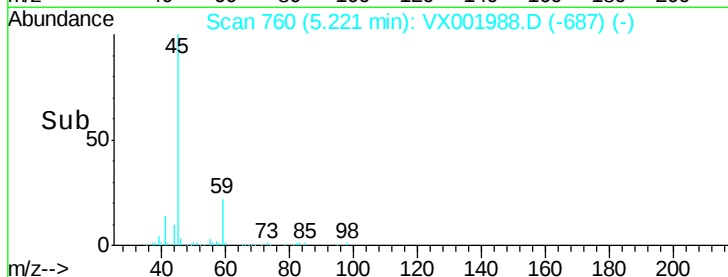
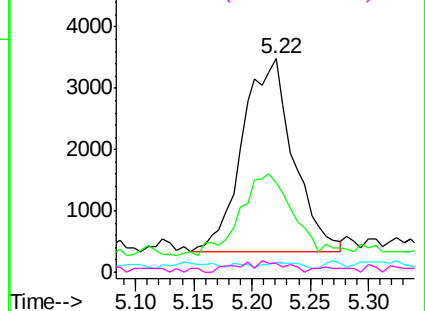


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#49

1,4-Dioxane

Concen: 2.72 ug/l

RT: 7.82 min Scan# 1186

Delta R.T. 0.05 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

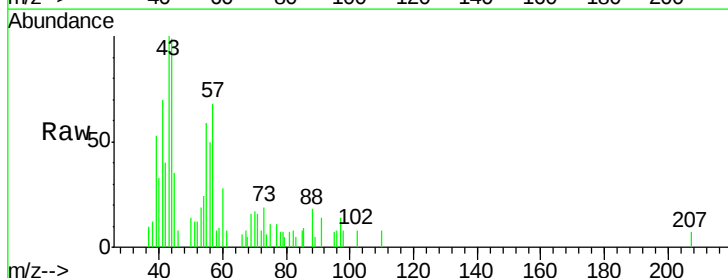
Tgt Ion: 88 Resp: 350

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.8#

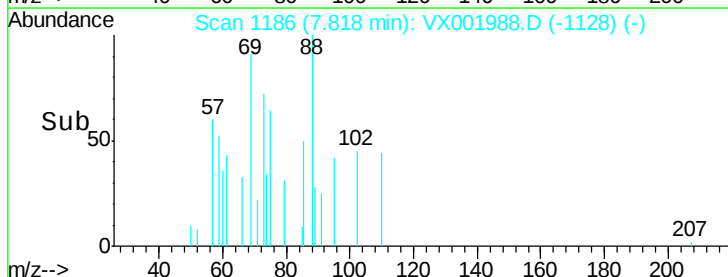
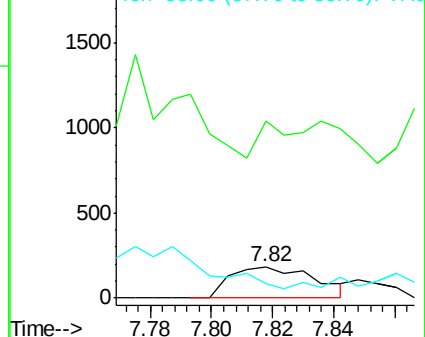
58 0.0 58.7 88.1#

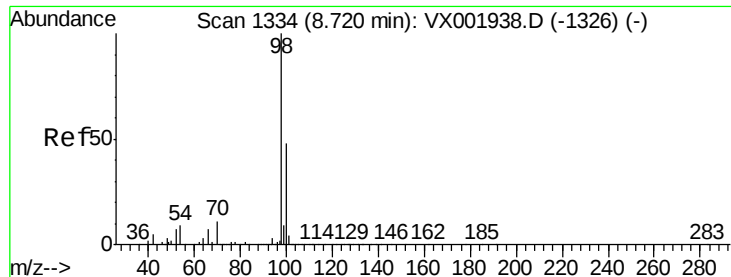


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

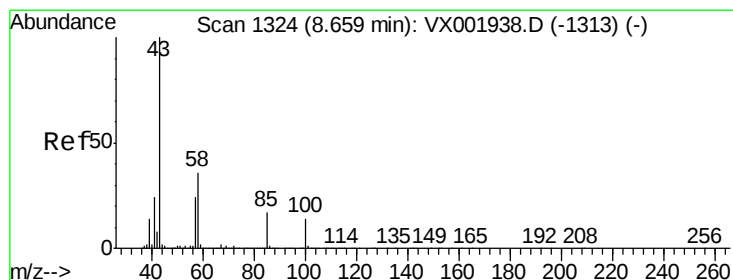
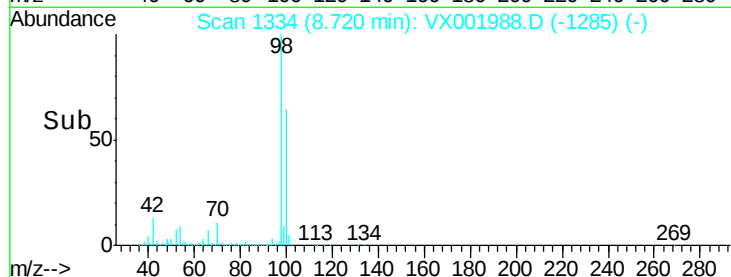
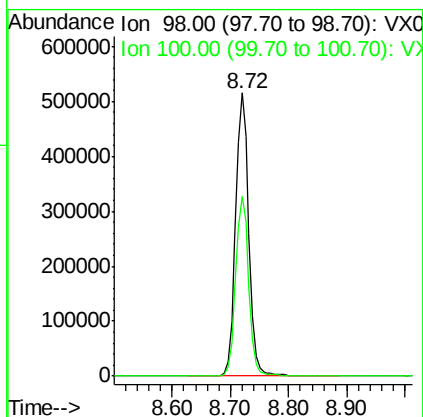
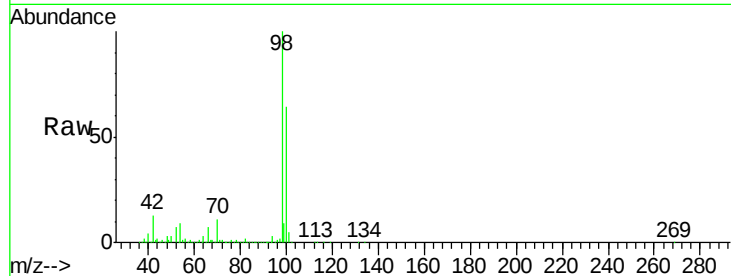




#50
Toluene-d8
Concen: 47.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

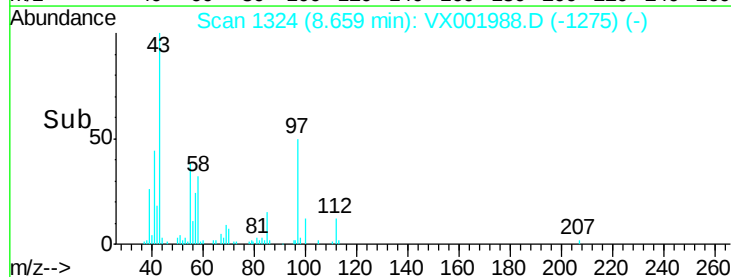
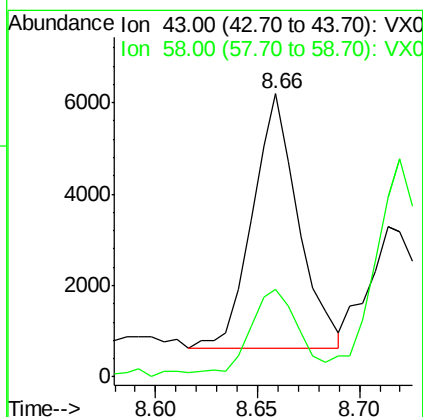
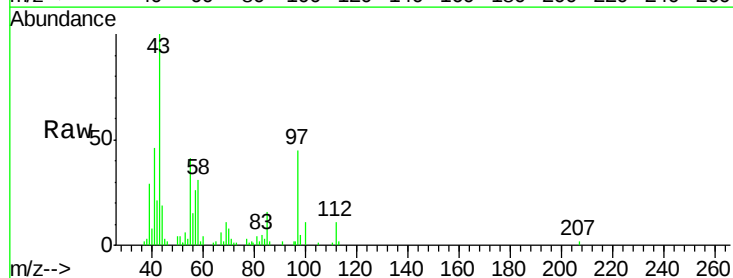
Instrument :
MSVOA_X
ClientSampleId :
MW-02

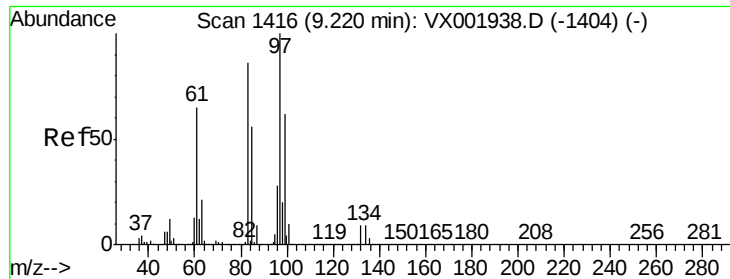
Tgt Ion: 98 Resp: 810935
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.00 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Tgt Ion: 43 Resp: 8682
Ion Ratio Lower Upper
43 100
58 38.9 28.5 42.7





#55

1,1,2-Trichloroethane

Concen: 0.97 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

MW-02

Tgt Ion: 97 Resp: 4962

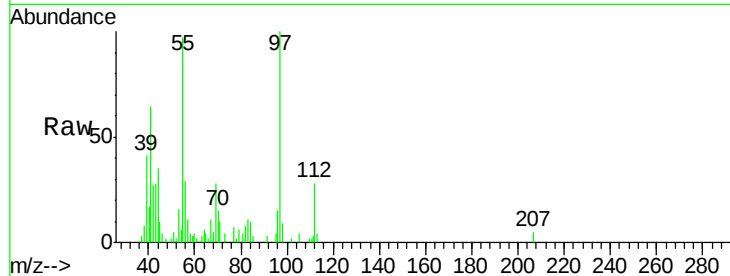
Ion Ratio Lower Upper

97 100

83 4.7 69.1 103.7#

85 0.2 45.2 67.8#

99 0.0 49.6 74.4#



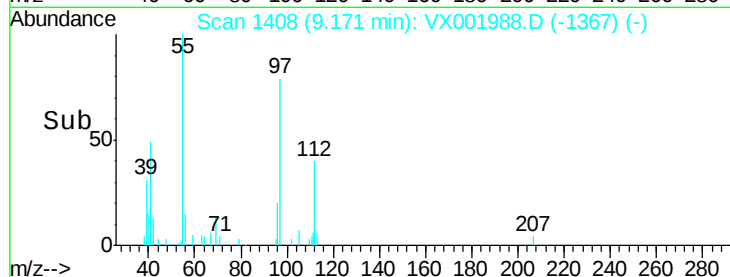
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



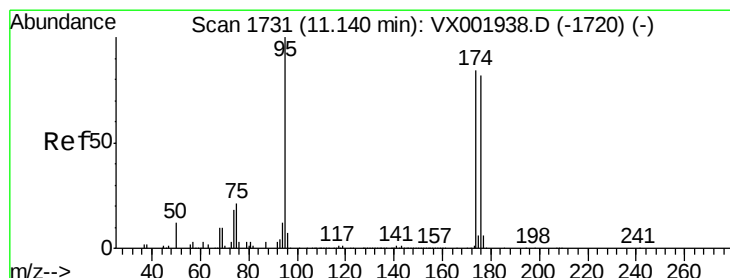
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#62

4-Bromofluorobenzene

Concen: 44.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

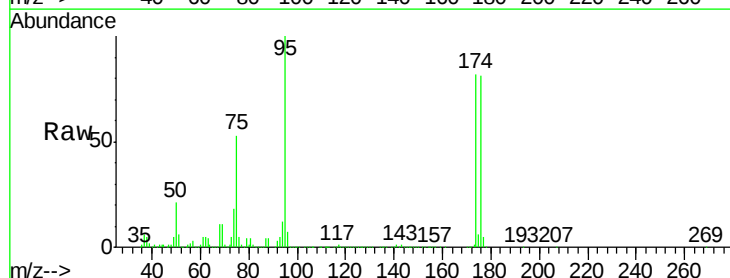
Tgt Ion: 95 Resp: 299882

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.8

176 89.0 0.0 175.6

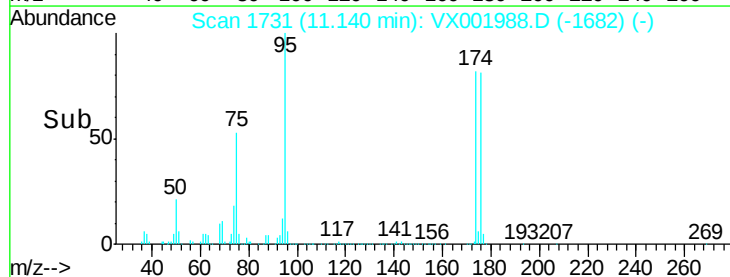


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->

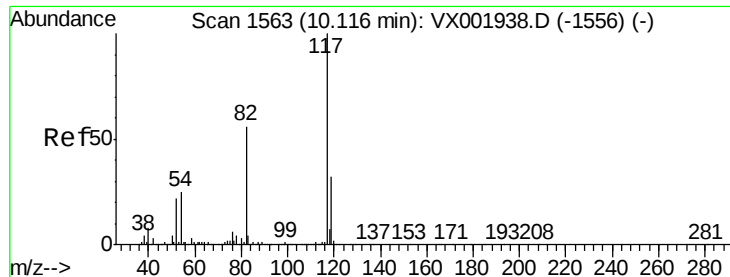


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

MW-02

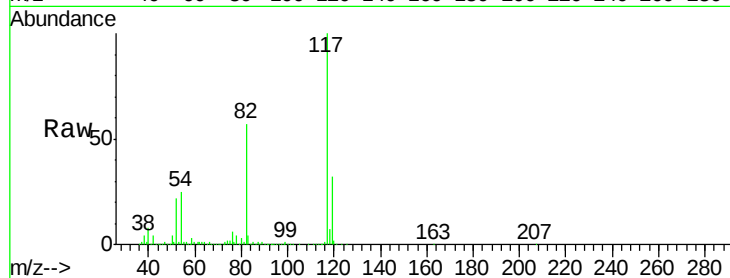
Tgt Ion:117 Resp: 433424

Ion Ratio Lower Upper

117 100

82 56.8 44.8 67.2

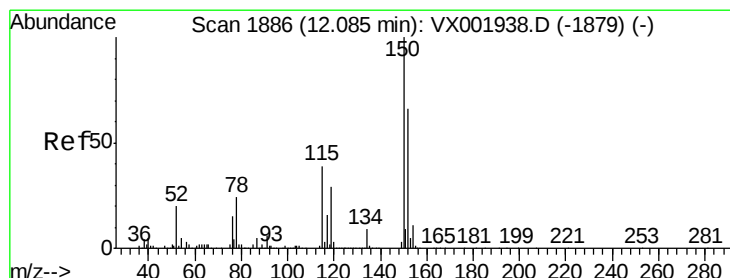
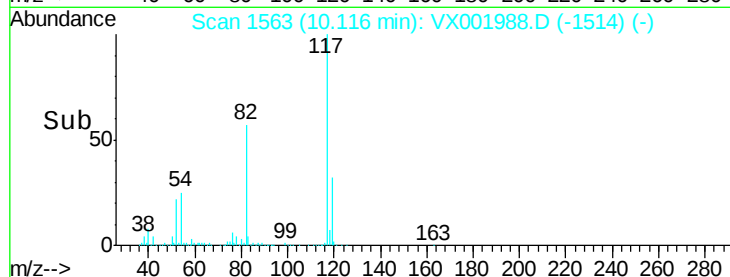
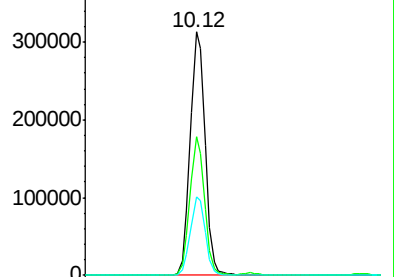
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

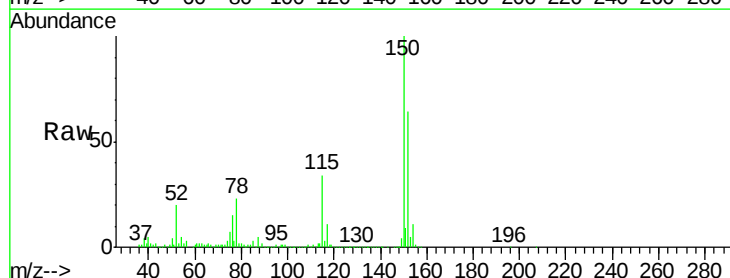
Tgt Ion:152 Resp: 241083

Ion Ratio Lower Upper

152 100

115 56.2 42.3 126.8

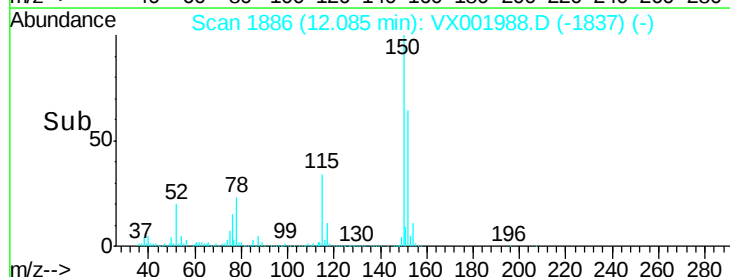
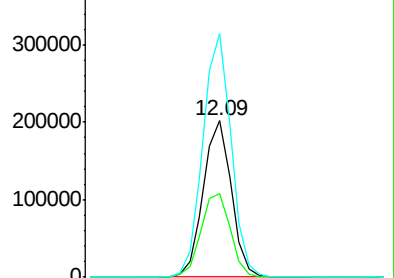
150 156.9 0.0 351.0

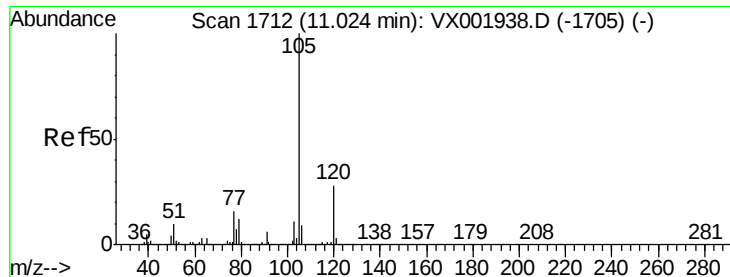


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

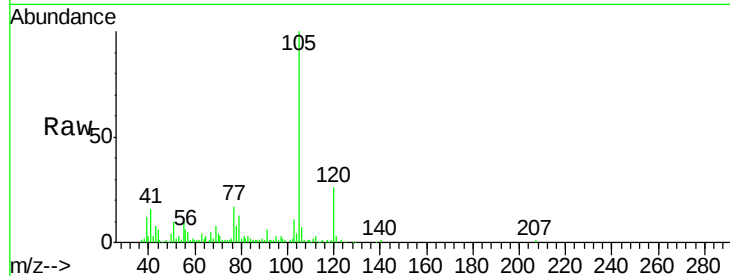
MW-02

Tgt Ion:105 Resp: 22979

Ion Ratio Lower Upper

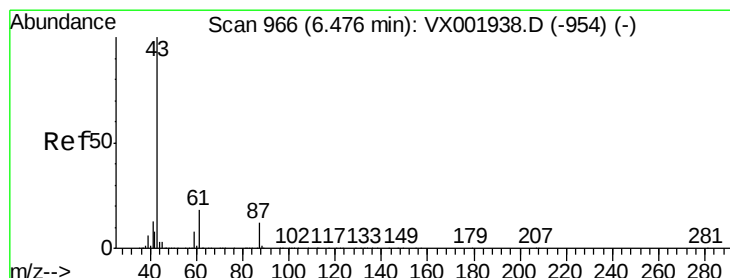
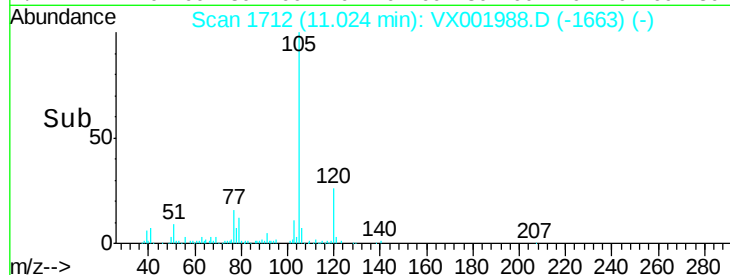
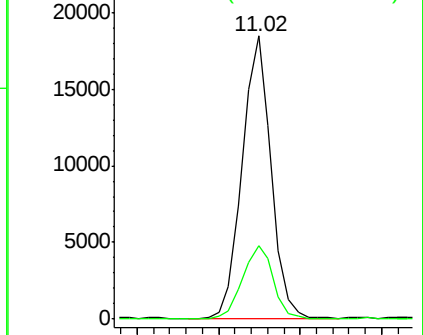
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.44 min Scan# 960

Delta R.T. -0.04 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Tgt Ion: 43 Resp: 525

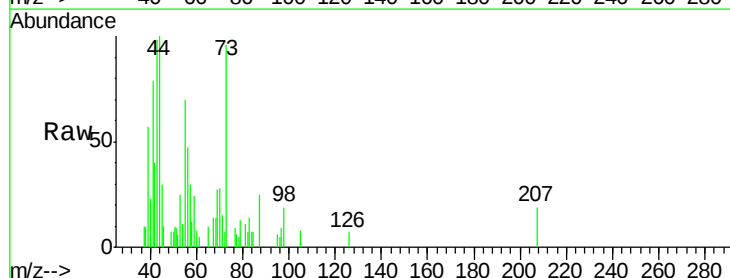
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 12.2 14.5 21.7#

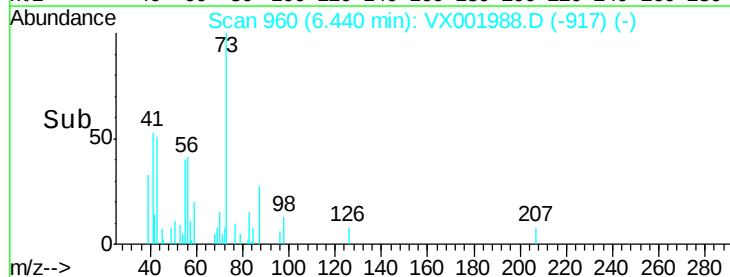
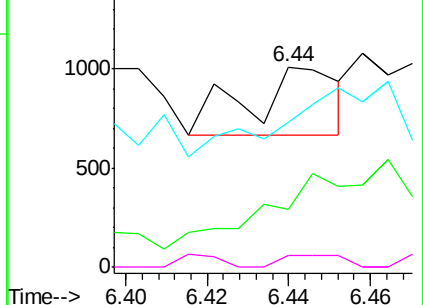


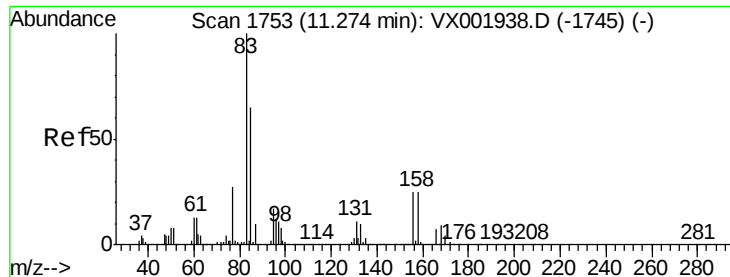
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampled :

MW-02

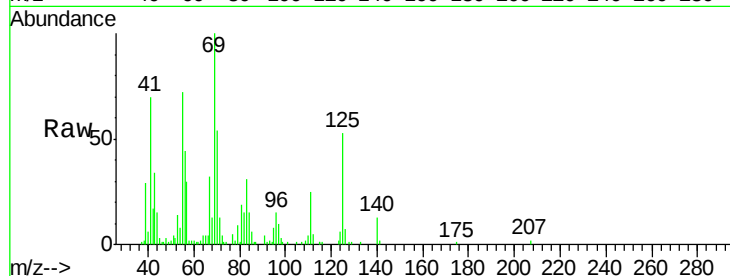
Tgt Ion: 83 Resp: 3405

Ion Ratio Lower Upper

83 100

131 1.4 5.7 17.0#

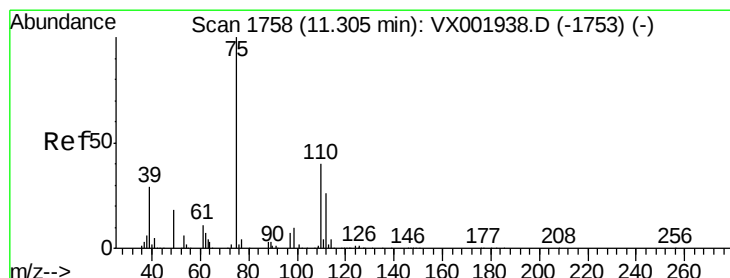
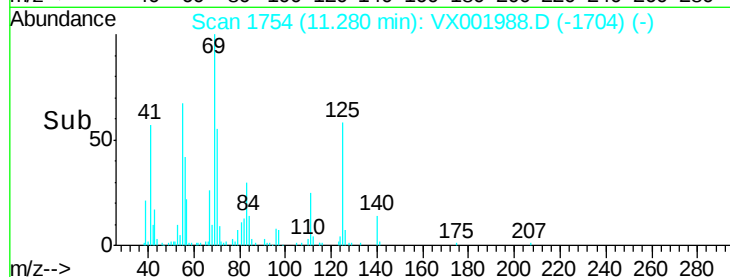
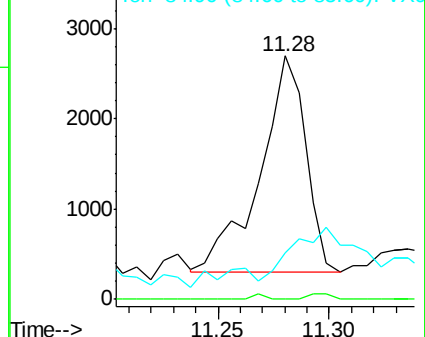
85 36.4 32.6 97.7



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: 27.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001988.D

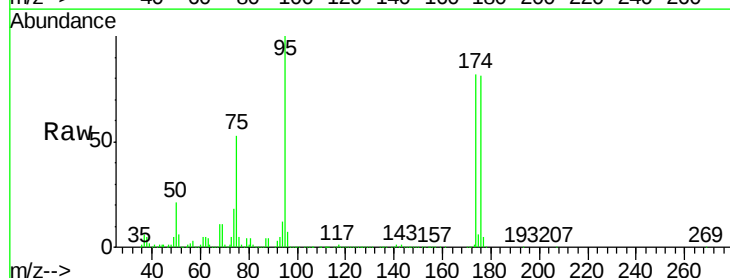
Acq: 25 May 2018 20:10

Tgt Ion: 75 Resp: 158651

Ion Ratio Lower Upper

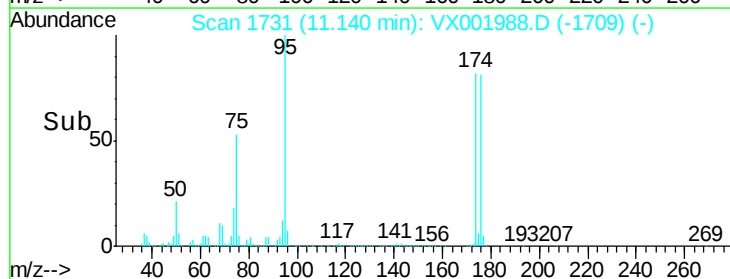
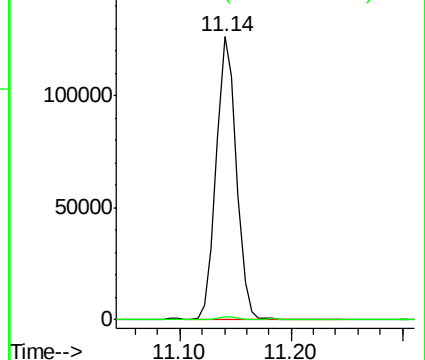
75 100

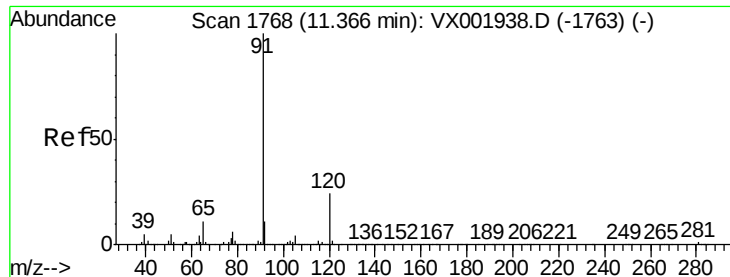
77 1.0 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

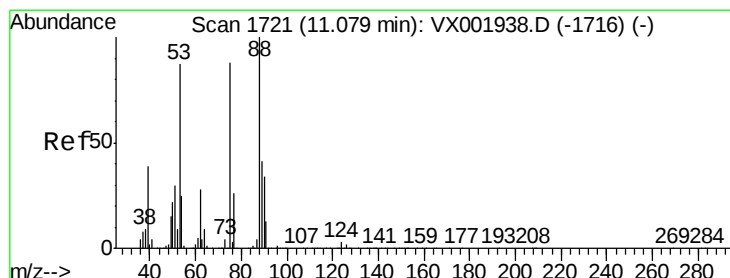
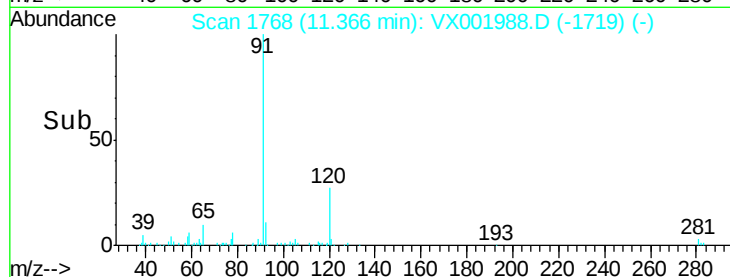
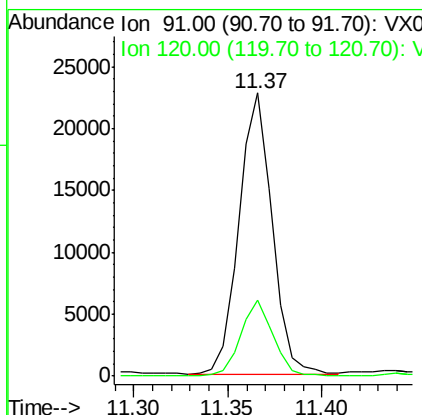
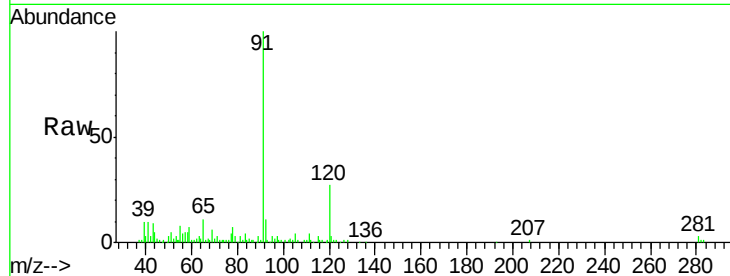




#78
n-propylbenzene
Concen: 1.21 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

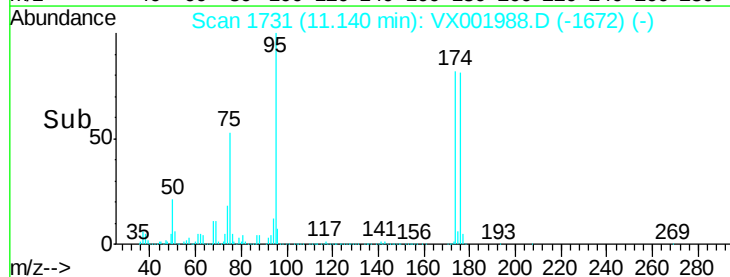
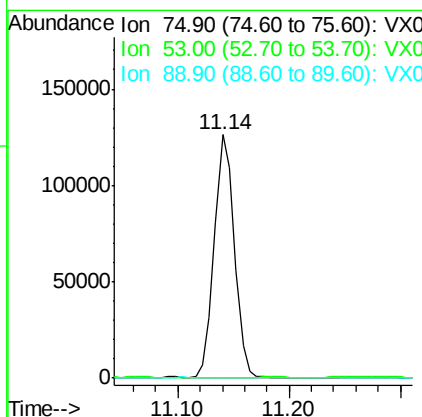
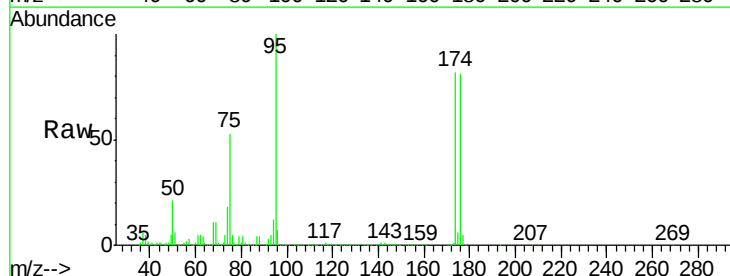
Instrument :
MSVOA_X
ClientSampled :
MW-02

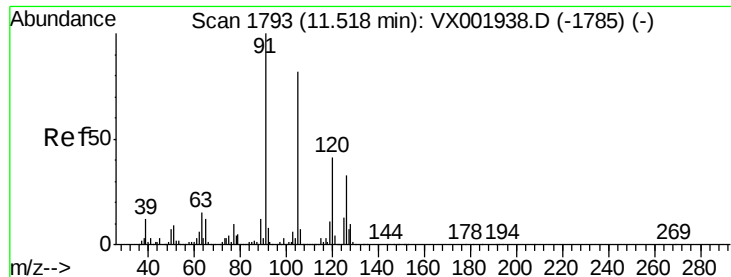
Tgt Ion: 91 Resp: 27722
Ion Ratio Lower Upper
91 100
120 26.3 11.9 35.7



#81
trans-1,4-Dichloro-2-butene
Concen: 65.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001988.D
Acq: 25 May 2018 20:10

Tgt Ion: 75 Resp: 158651
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 39.4 59.2#





#82

4-Chlorotoluene

Concen: 1.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampled :

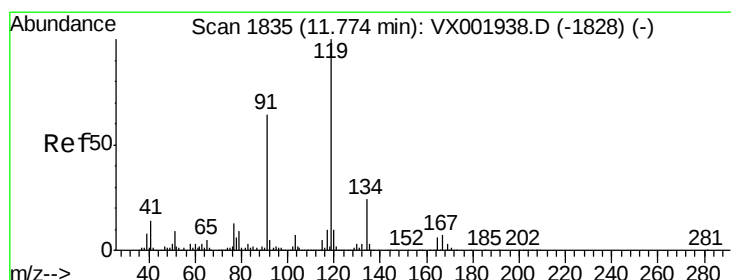
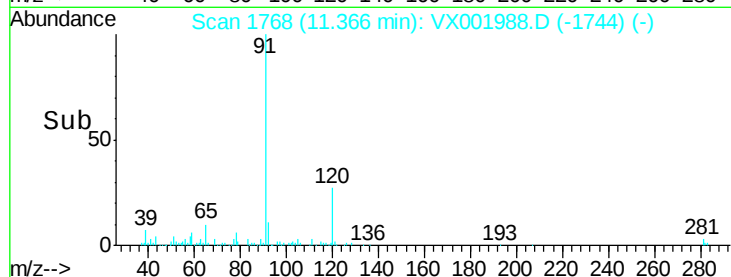
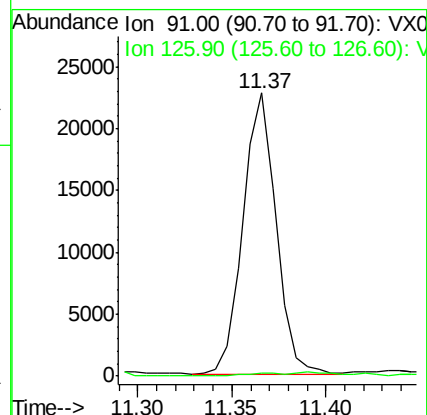
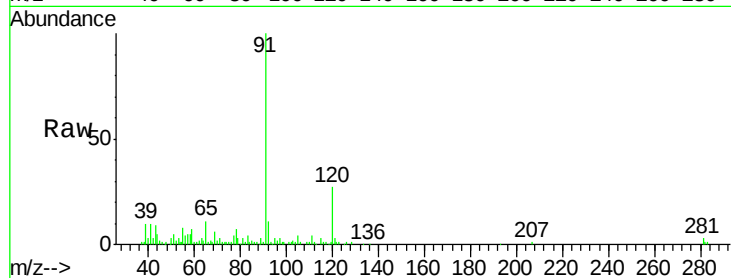
MW-02

Tgt Ion: 91 Resp: 27722

Ion Ratio Lower Upper

91 100

126 1.3 15.3 45.8#



#83

tert-Butylbenzene

Concen: 0.79 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

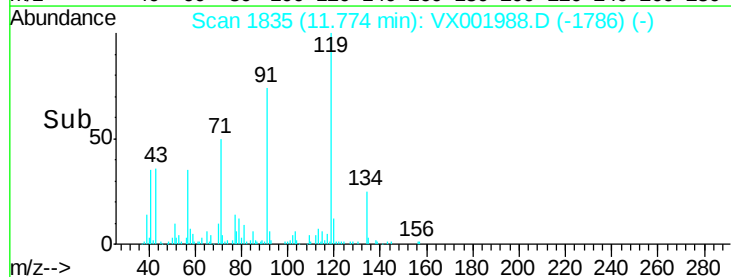
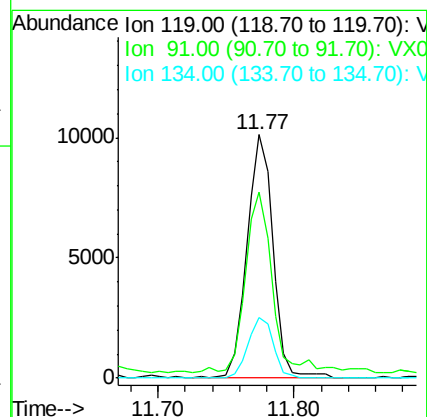
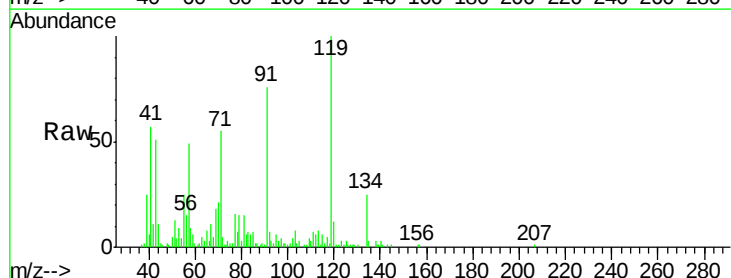
Tgt Ion: 119 Resp: 13529

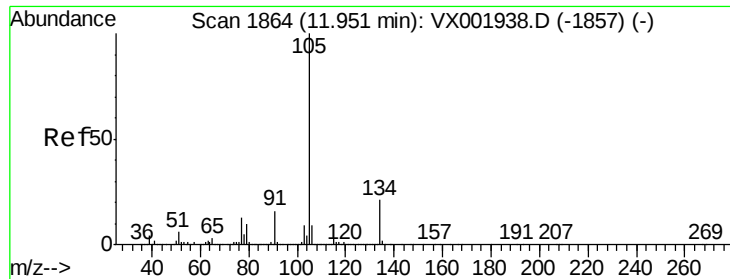
Ion Ratio Lower Upper

119 100

91 77.3 30.6 91.8

134 24.0 11.7 35.0

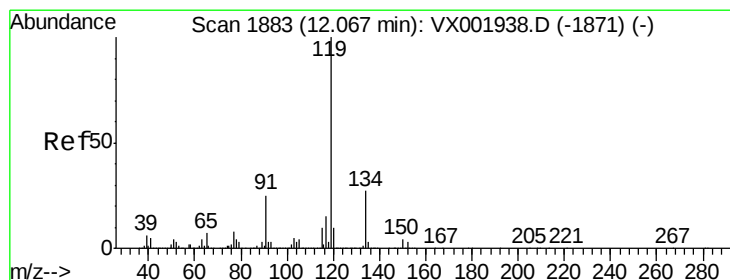
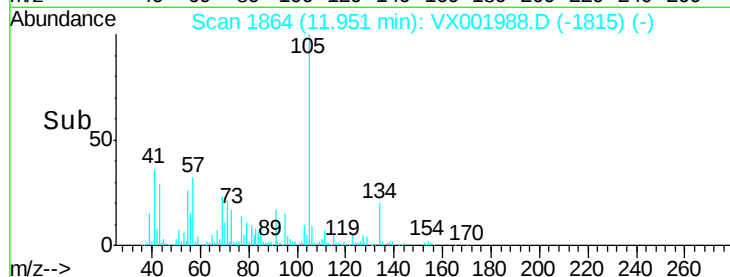
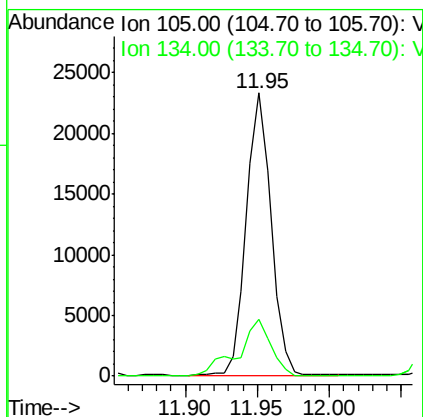
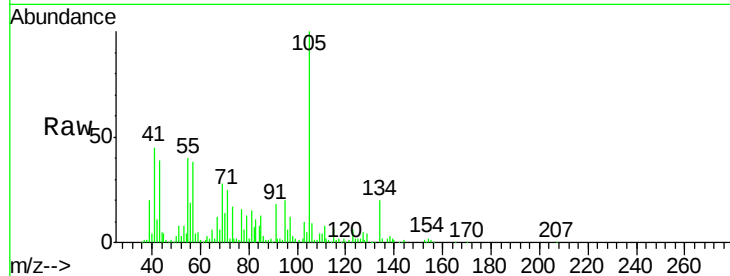




#85
 sec-Butylbenzene
 Concen: 1.37 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001988.D
 Acq: 25 May 2018 20:10

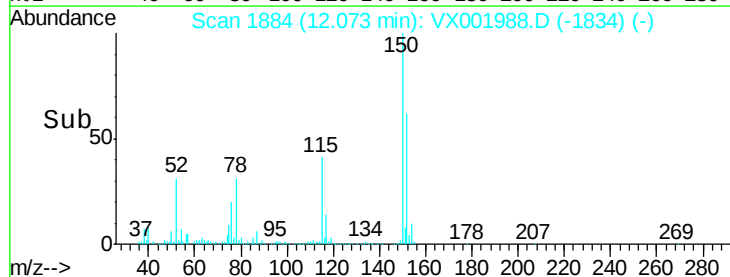
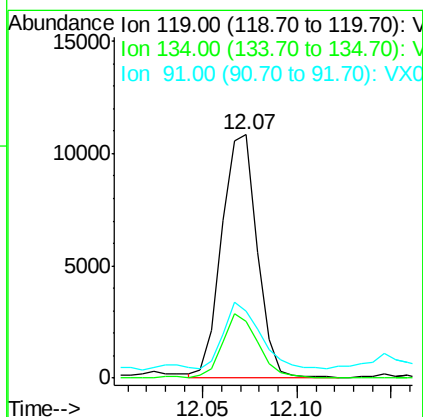
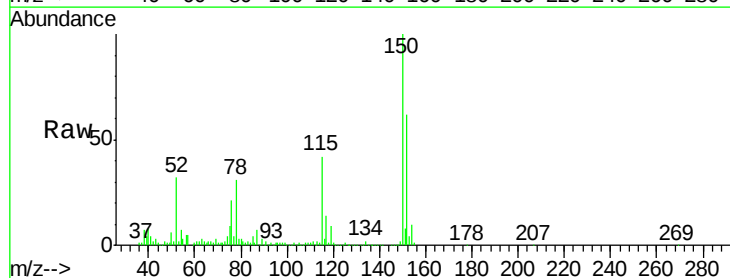
Instrument :
 MSVOA_X
 ClientSampled :
 MW-02

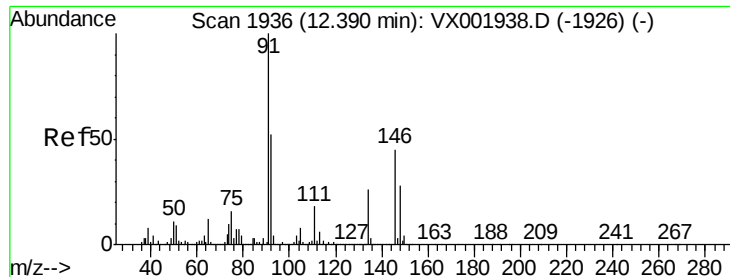
Tgt Ion:105 Resp: 28098
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 0.77 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001988.D
 Acq: 25 May 2018 20:10

Tgt Ion:119 Resp: 14259
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 27.2 12.2 36.4





#89

n-Butylbenzene

Concen: 0.87 ug/l

RT: 12.37 min Scan# 1933

Delta R.T. -0.02 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

MW-02

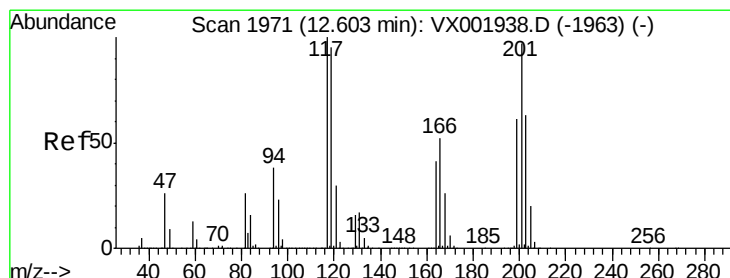
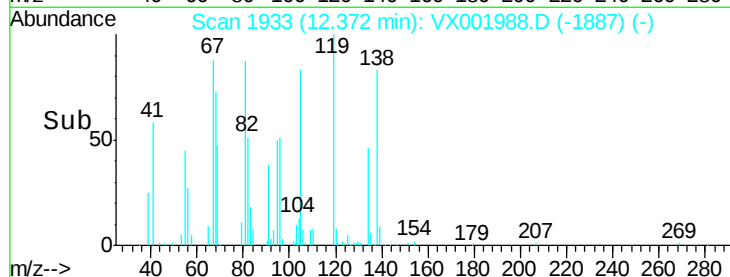
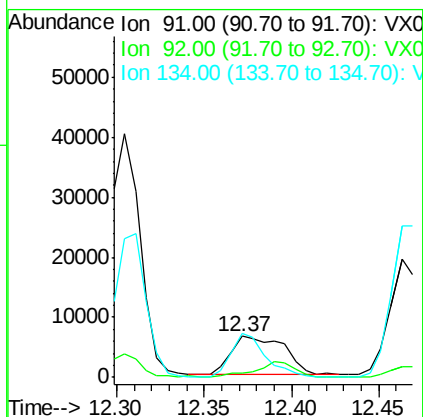
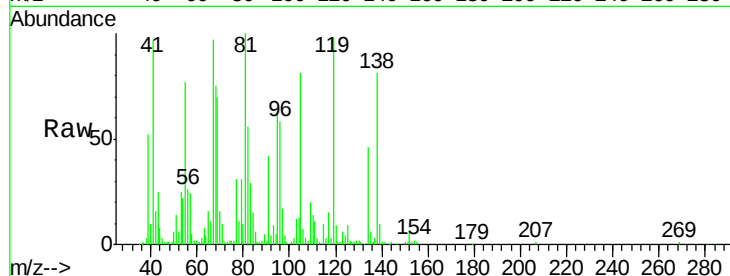
Tgt Ion: 91 Resp: 13648

Ion Ratio Lower Upper

91 100

92 31.7 26.3 78.9

134 75.8 13.6 40.7#



#90

Hexachloroethane

Concen: 7.00 ug/l

RT: 12.68 min Scan# 1983

Delta R.T. 0.07 min

Lab File: VX001988.D

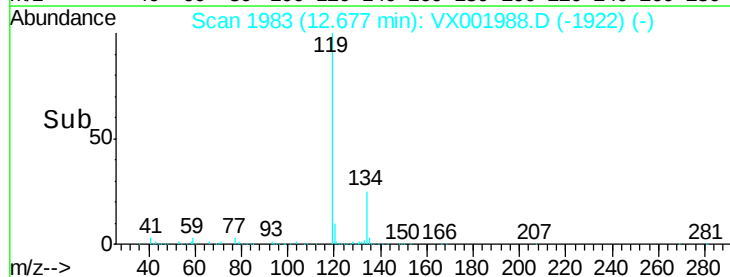
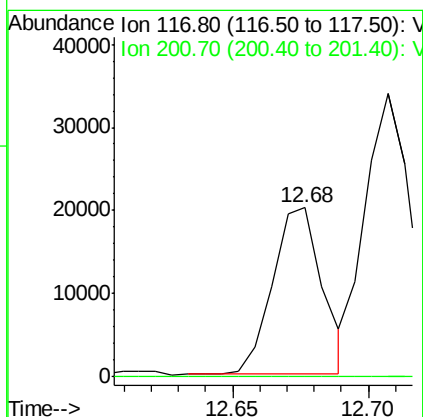
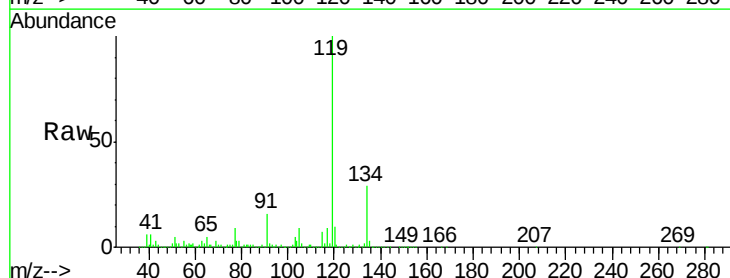
Acq: 25 May 2018 20:10

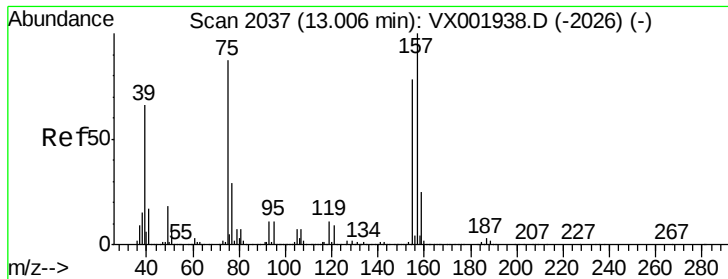
Tgt Ion: 117 Resp: 25426

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.19 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

MW-02

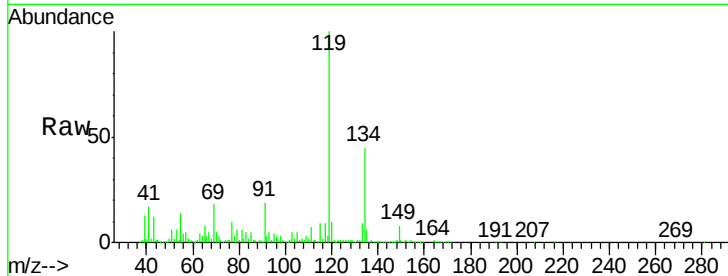
Tgt Ion: 75 Resp: 2154

Ion Ratio Lower Upper

75 100

155 9.4 45.1 135.2#

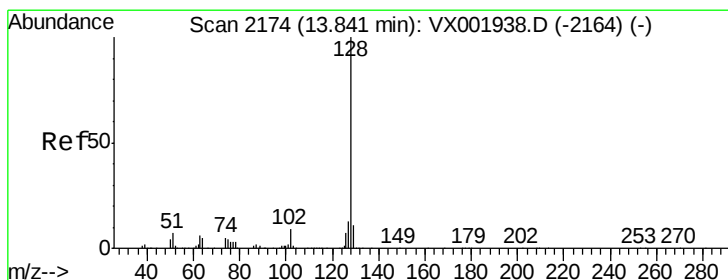
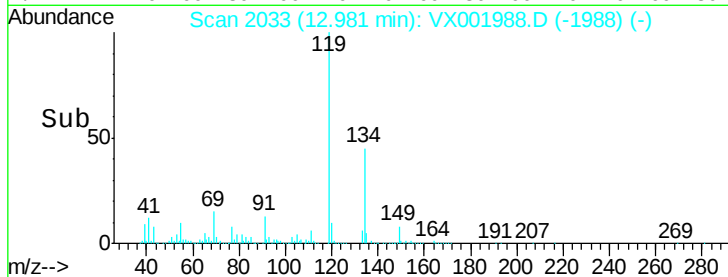
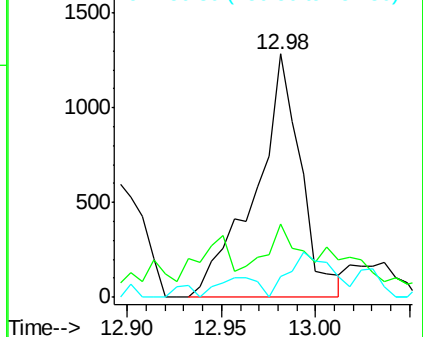
157 17.4 58.1 174.2#



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: 0.44 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001988.D

Acq: 25 May 2018 20:10

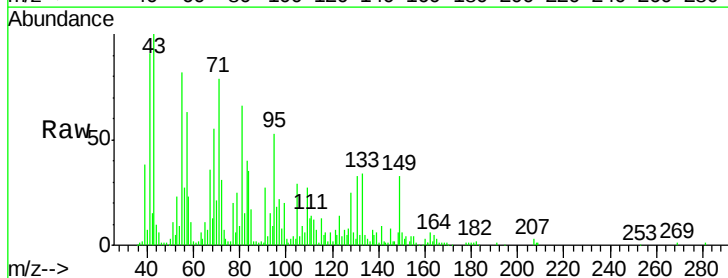
Tgt Ion: 128 Resp: 9516

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 47.0 8.8 13.2#



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

