

Data File : VX001612.D
Acq On : 10 May 2018 19:55
Operator : JC/MD
Sample : J2822-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW01

Quant Time: May 11 07:00:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156338	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.51	113	121013	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
50) Toluene-d8	8.72	98	425617	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	
62) 4-Bromofluorobenzene	11.14	95	136718	35.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.80%	

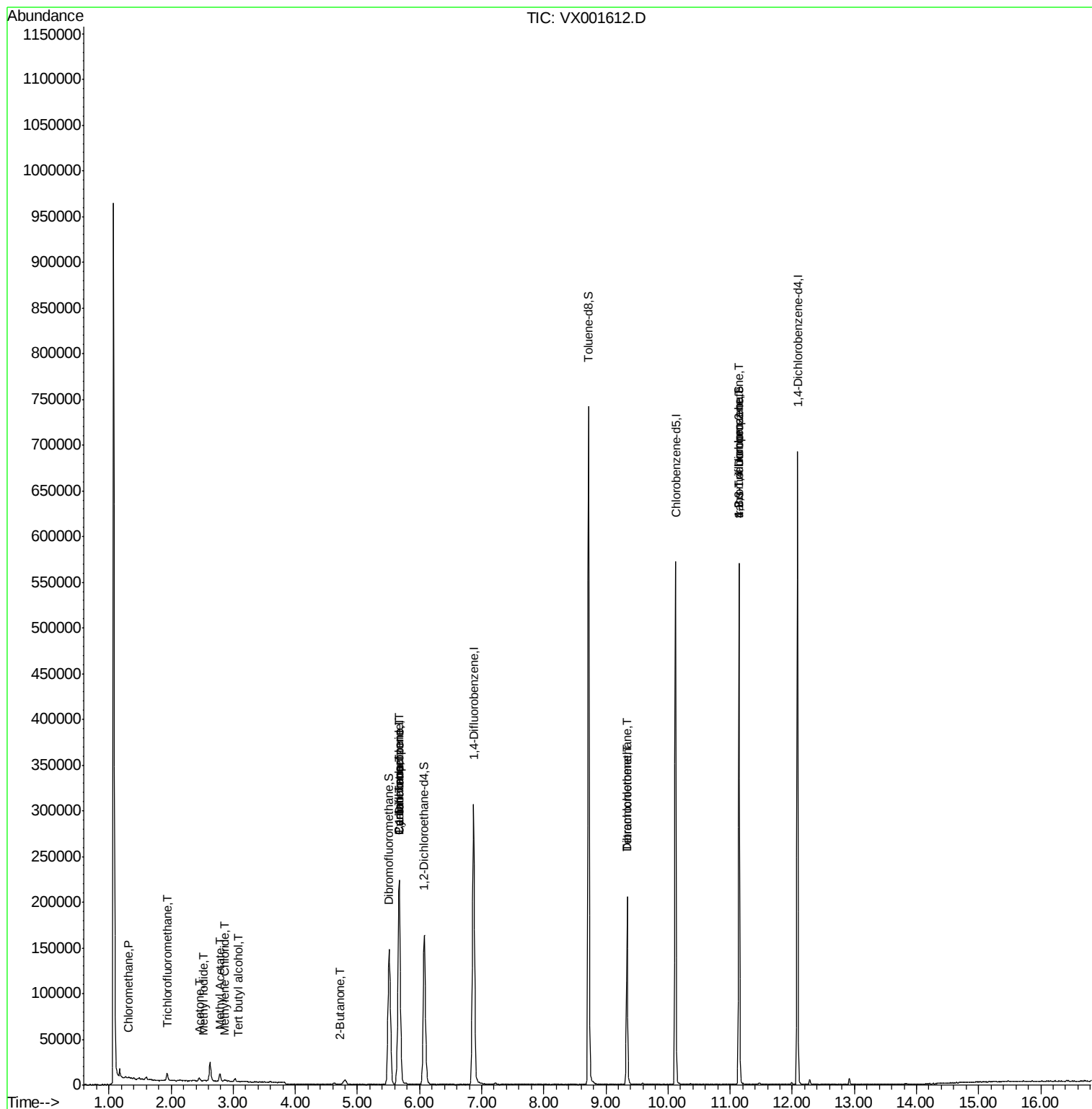
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	847	0.28	ug/l #	86
5) Bromomethane	1.65	94	982	Below	Cal	84
7) Trichlorofluoromethane	1.93	101	5495	1.16	ug/l	100
10) Methyl Iodide	2.53	142	873	0.22	ug/l	95
11) Tert butyl alcohol	3.09	59	426	0.61	ug/l #	72
13) Acrolein	2.29	56	93	Below	Cal #	1
16) Acetone	2.45	43	4225	2.81	ug/l	93
18) Methyl Acetate	2.79	43	9395	2.38	ug/l	95
20) Methylene Chloride	2.85	84	682	0.23	ug/l #	86
25) 2-Butanone	4.73	43	691	0.32	ug/l #	49
31) Cyclohexane	5.67	56	4131	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15120	3.84	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20086	4.78	ug/l #	17
60) Dibromochloromethane	9.34	129	36336	11.70	ug/l #	11
64) Tetrachloroethene	9.34	164	43833	11.48	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	68795	23.02	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	68795	71.40	ug/l #	7

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

Data File : VX001612.D
Acq On : 10 May 2018 19:55
Operator : JC/MD
Sample : J2822-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW01

Quant Time: May 11 07:00:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

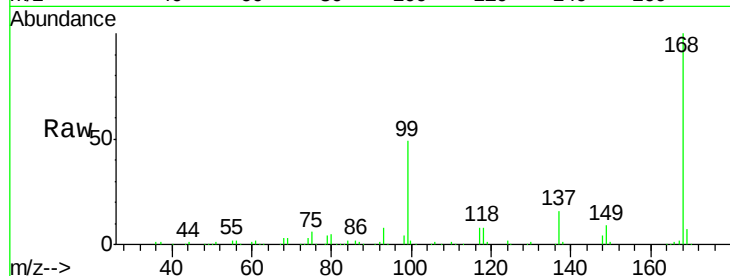
MW01

Tgt Ion:168 Resp: 230062

Ion Ratio Lower Upper

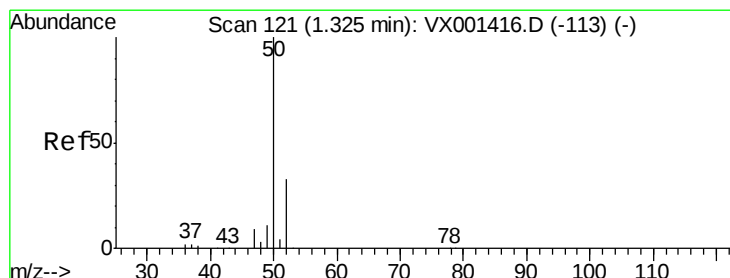
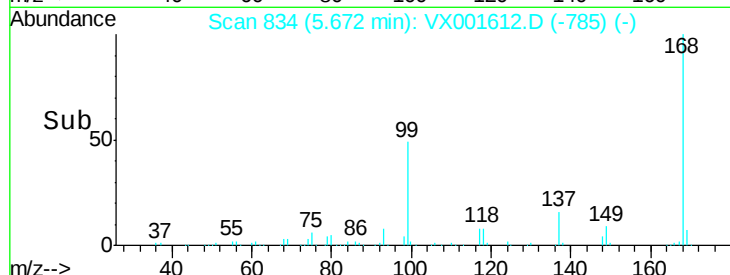
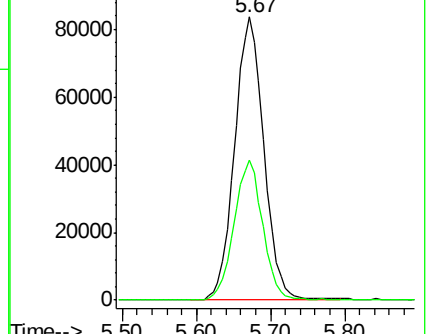
168 100

99 49.5 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001612.D

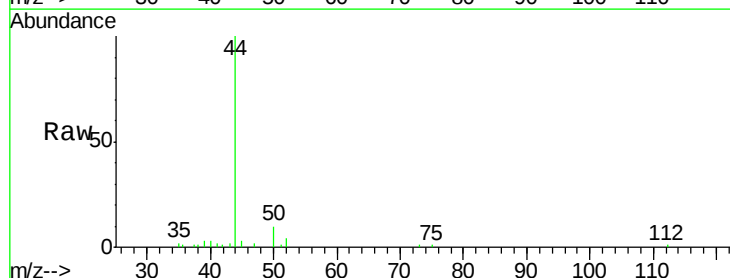
Acq: 10 May 2018 19:55

Tgt Ion: 50 Resp: 847

Ion Ratio Lower Upper

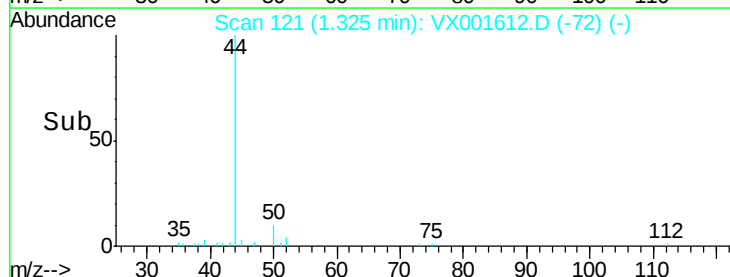
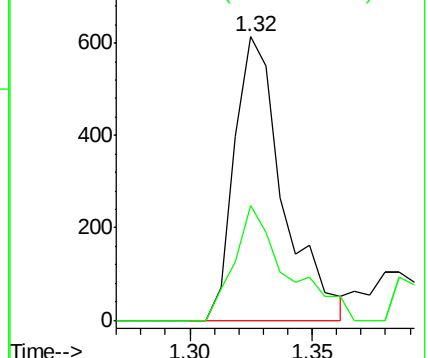
50 100

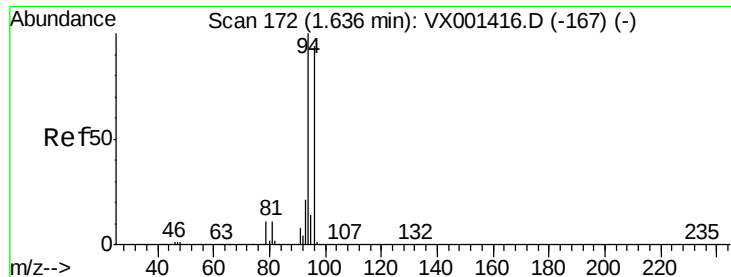
52 40.6 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

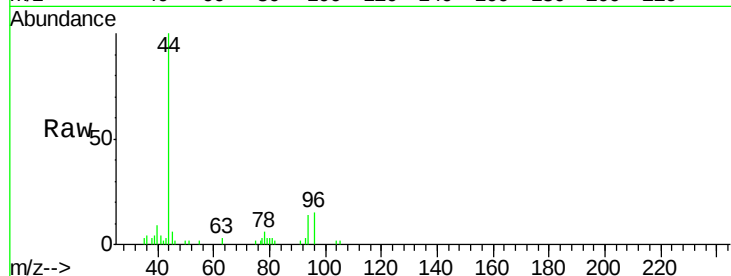
MW01

Tgt Ion: 94 Resp: 982

Ion Ratio Lower Upper

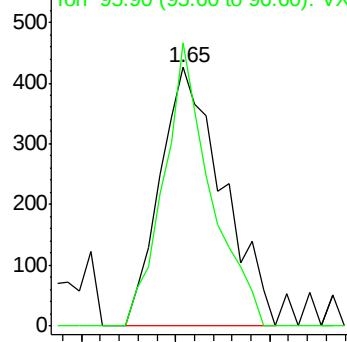
94 100

96 109.4 75.0 112.6

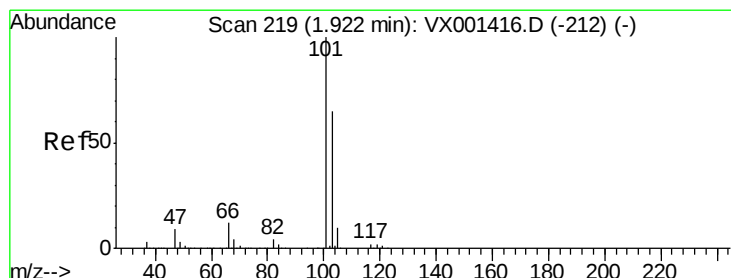
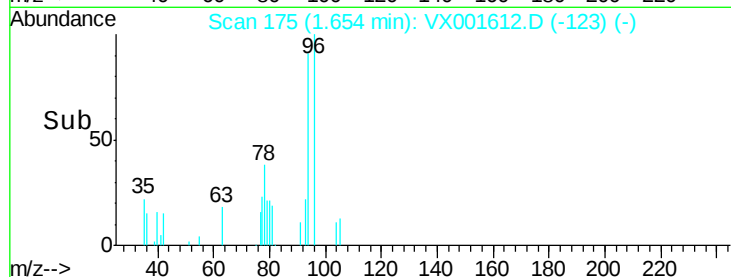


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#7

Trichlorofluoromethane

Concen: 1.16 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX001612.D

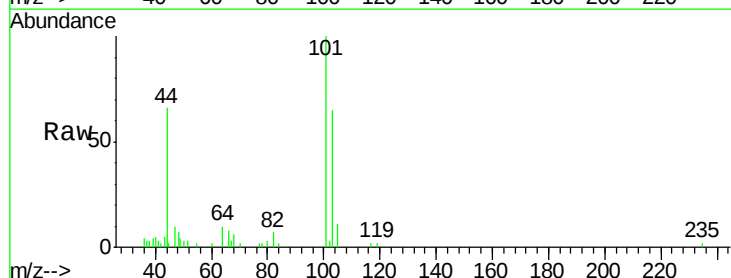
Acq: 10 May 2018 19:55

Tgt Ion: 101 Resp: 5495

Ion Ratio Lower Upper

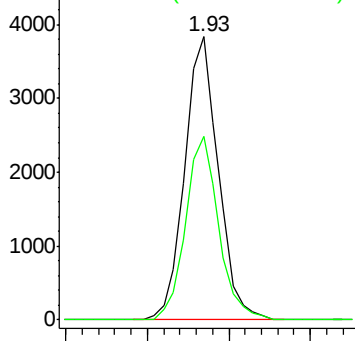
101 100

103 64.8 52.0 78.0

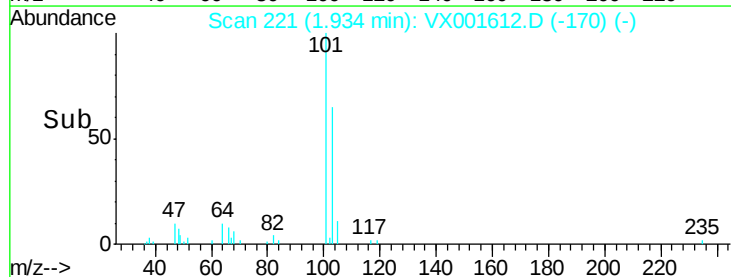


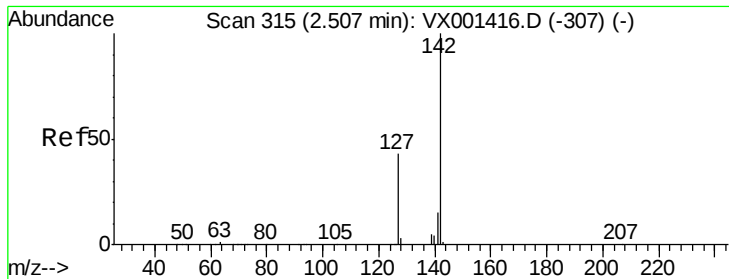
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->

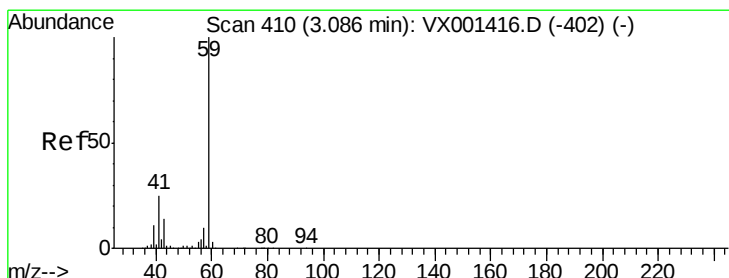
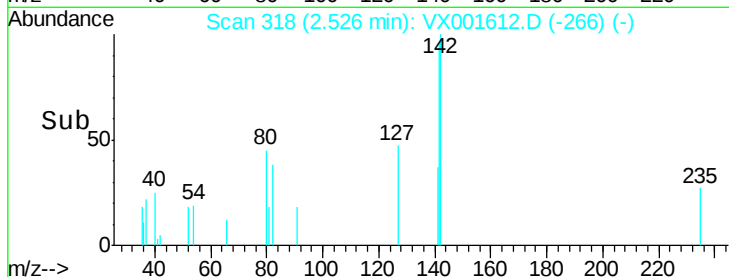
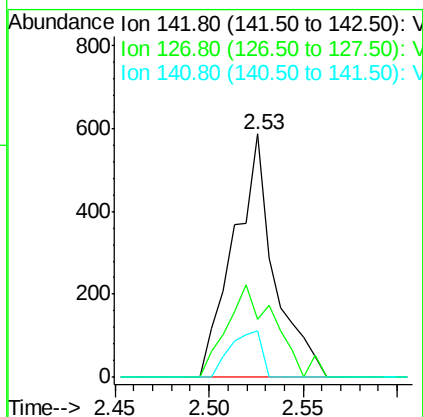
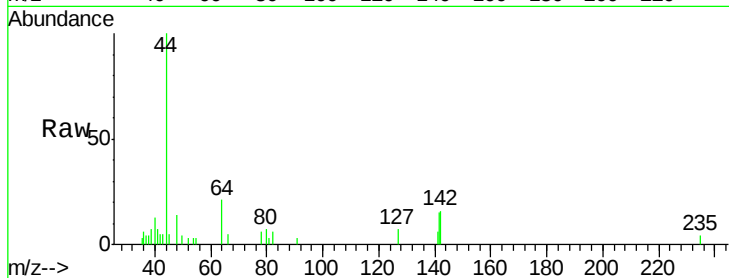




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

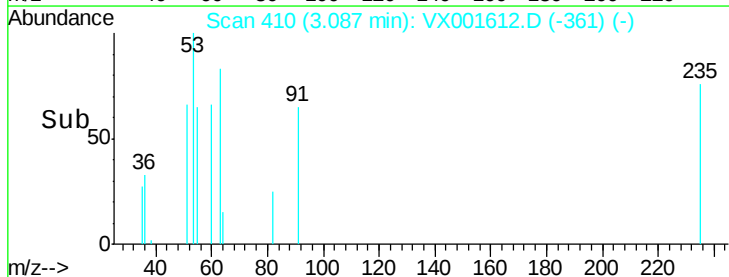
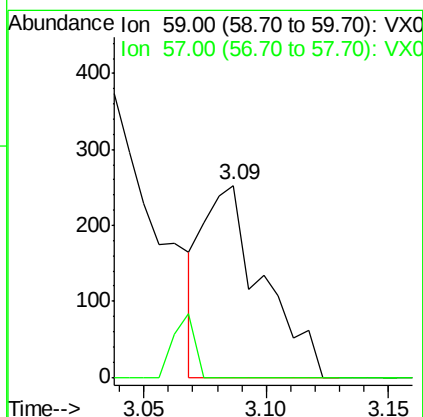
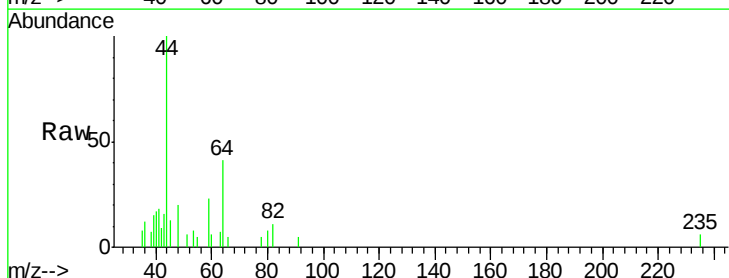
Instrument :
MSVOA_X
ClientSampleId :
MW01

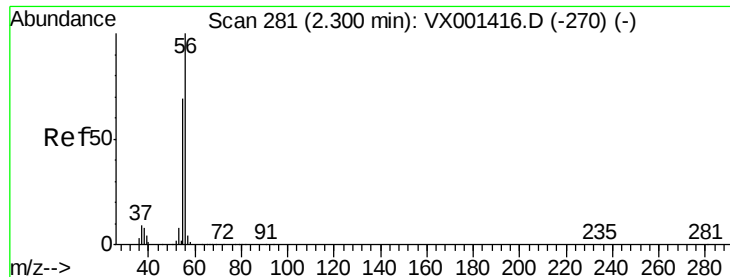
Tgt Ion: 142 Resp: 873
Ion Ratio Lower Upper
142 100
127 45.8 33.6 50.4
141 14.8 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.61 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

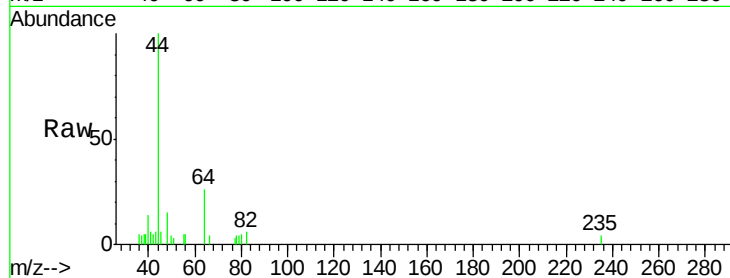
MW01

Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

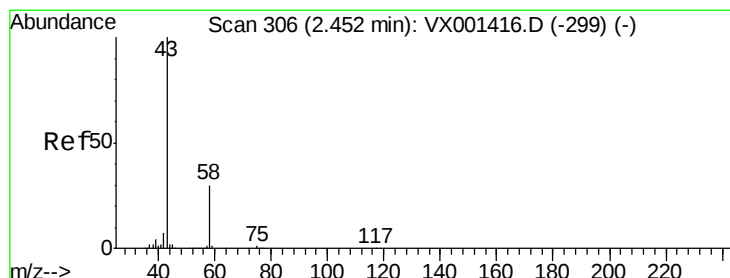
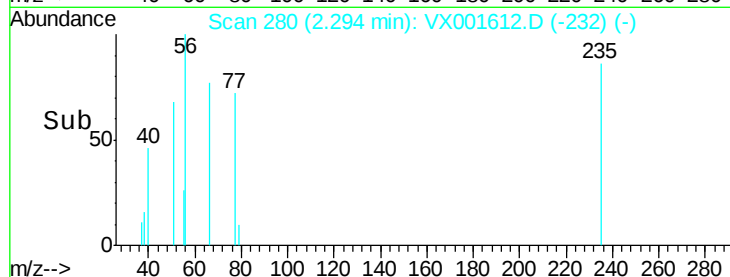
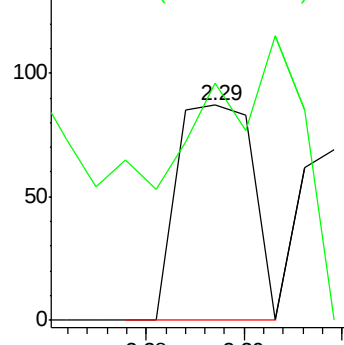
56 100

55 175.3 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.81 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001612.D

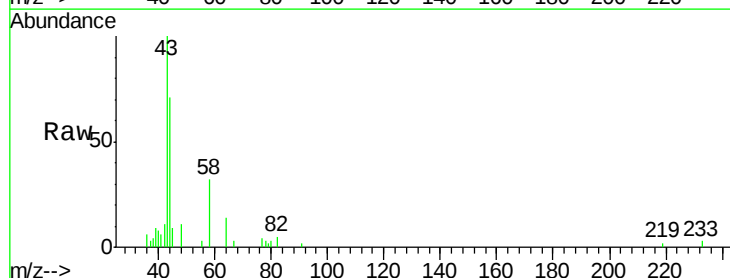
Acq: 10 May 2018 19:55

Tgt Ion: 43 Resp: 4225

Ion Ratio Lower Upper

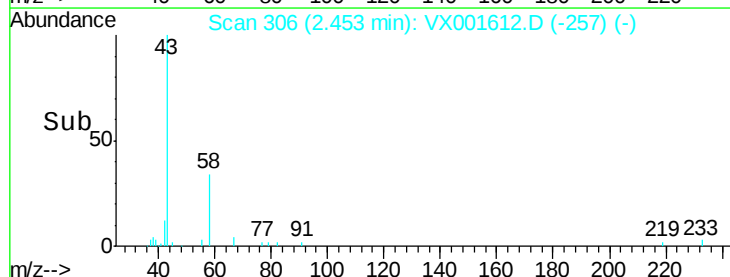
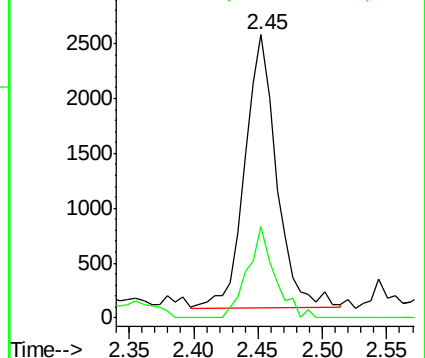
43 100

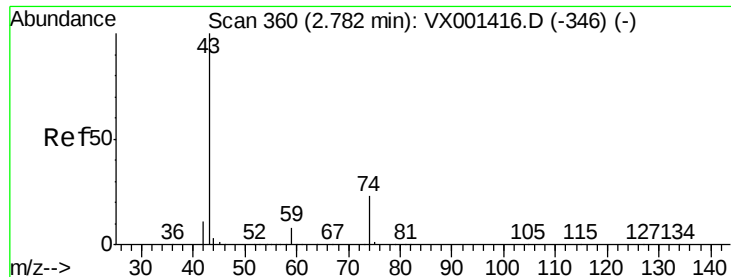
58 33.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

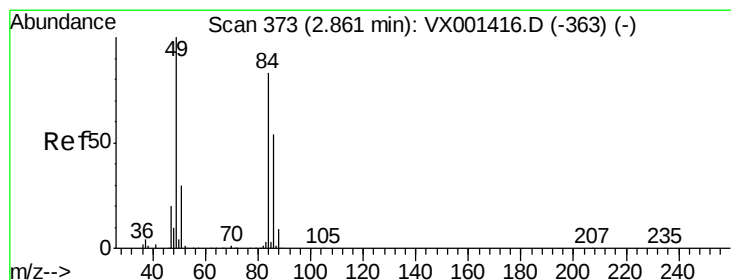
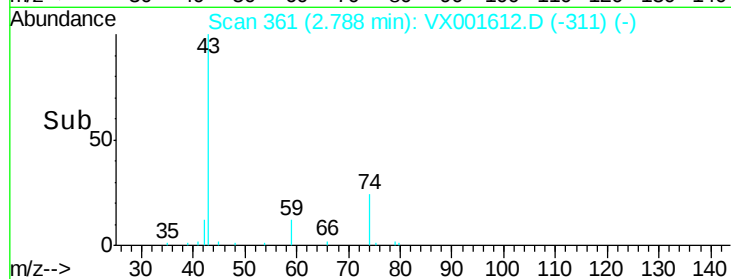
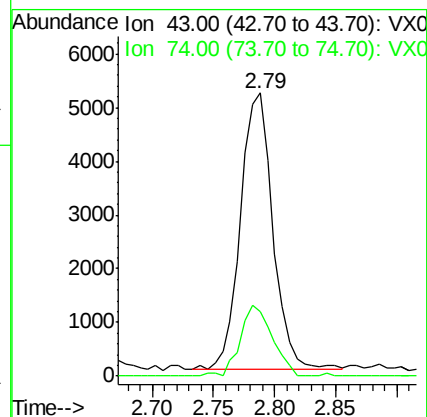
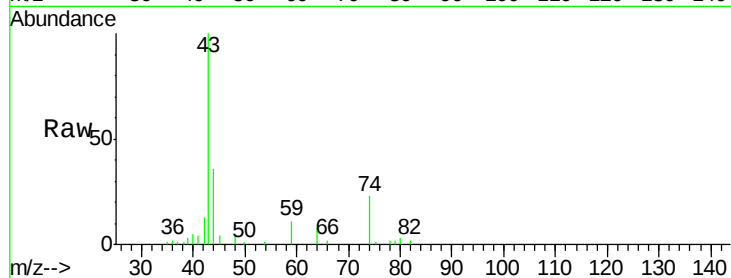




#18
Methyl Acetate
Concen: 2.38 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

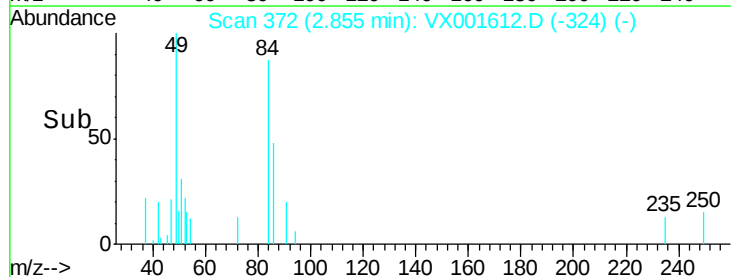
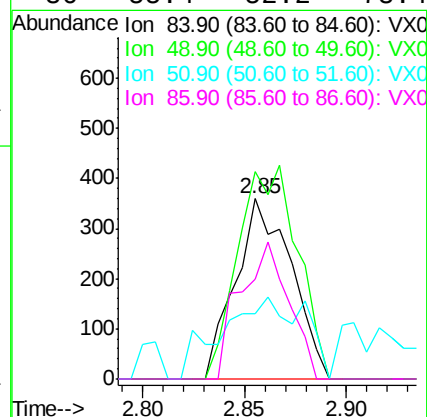
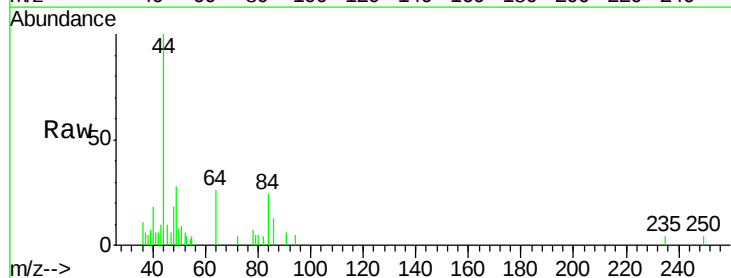
Instrument :
MSVOA_X
ClientSampleId :
MW01

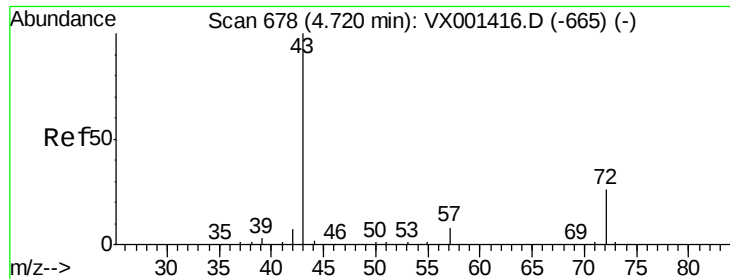
Tgt Ion: 43 Resp: 9395
Ion Ratio Lower Upper
43 100
74 25.6 18.6 27.8



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

Tgt Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
49 115.6 96.6 144.8
51 9.2 29.0 43.4#
86 55.4 52.2 78.4





#25

2-Butanone

Concen: 0.32 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

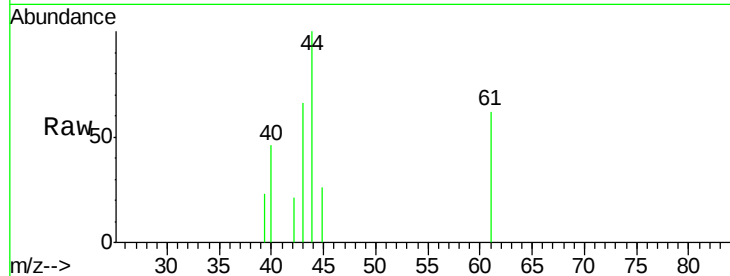
MW01

Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

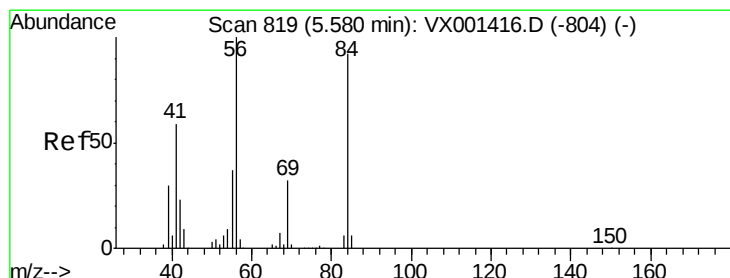
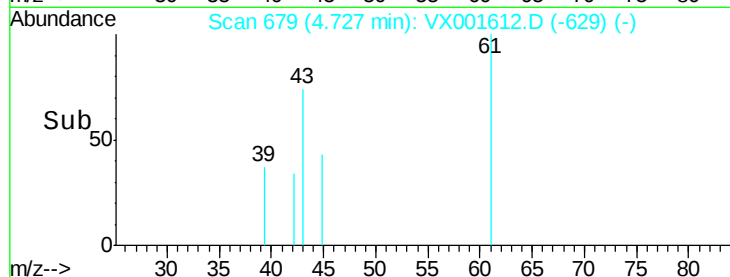
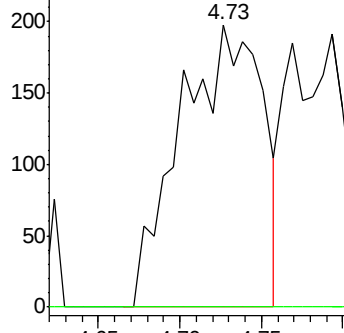
43 100

72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

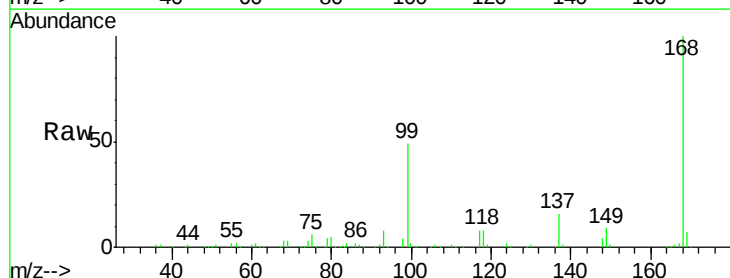
Tgt Ion: 56 Resp: 4131

Ion Ratio Lower Upper

56 100

69 193.0 25.4 38.0#

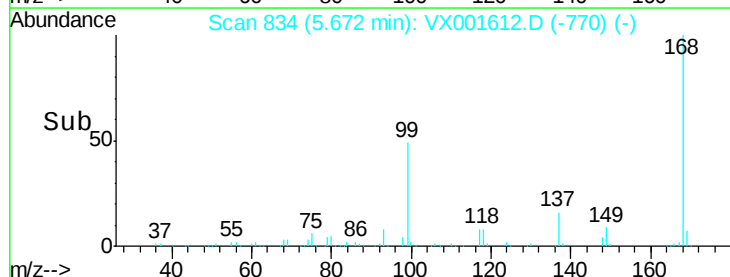
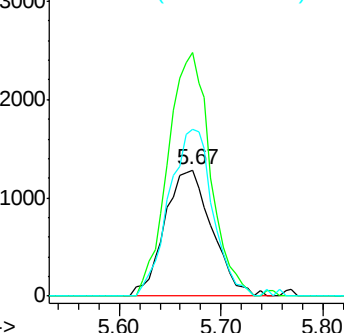
84 132.3 73.8 110.8#

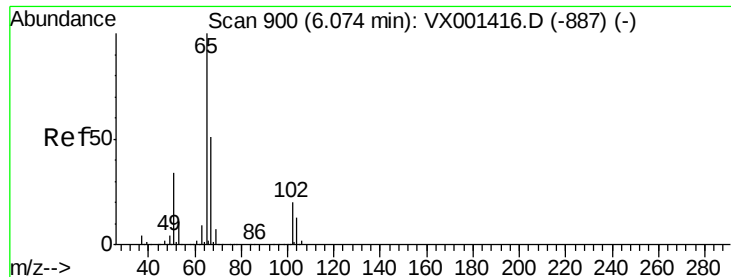


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

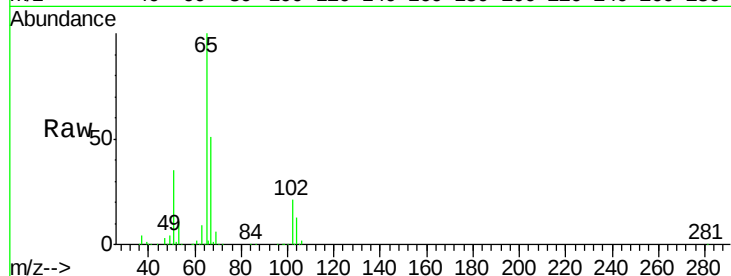
MW01

Tgt Ion: 65 Resp: 156338

Ion Ratio Lower Upper

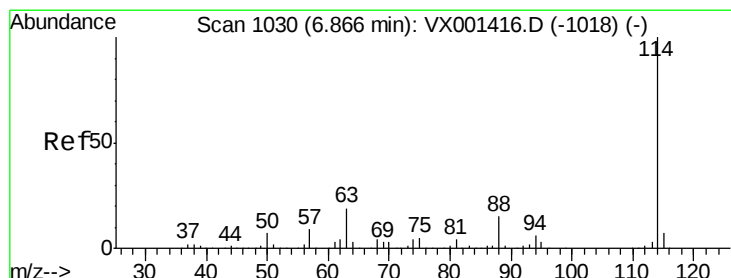
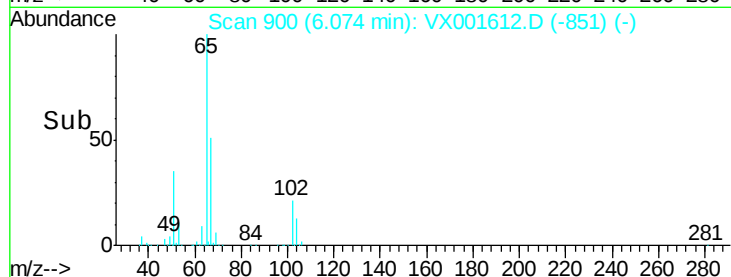
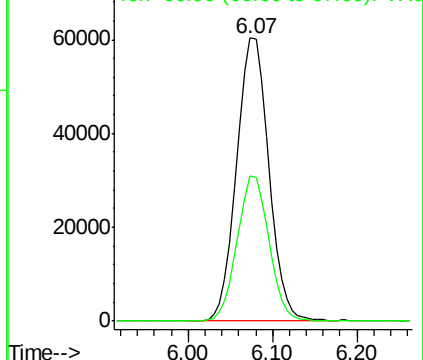
65 100

67 50.8 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

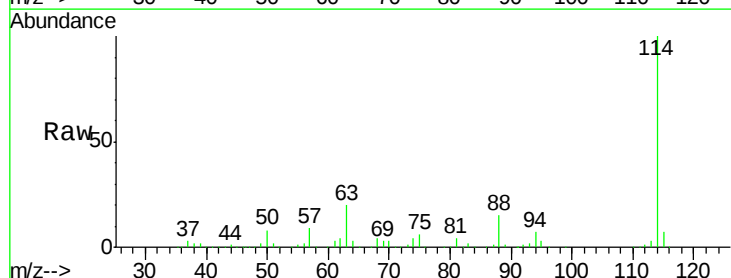
Tgt Ion: 114 Resp: 309850

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

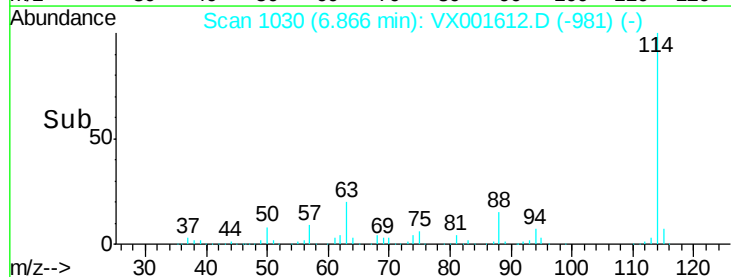
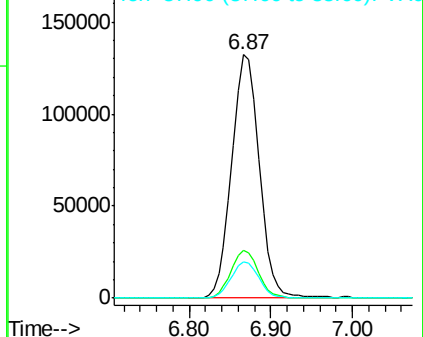
88 15.0 0.0 30.8

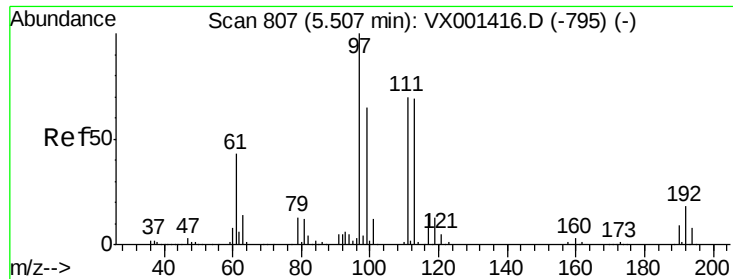


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.91 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

MW01

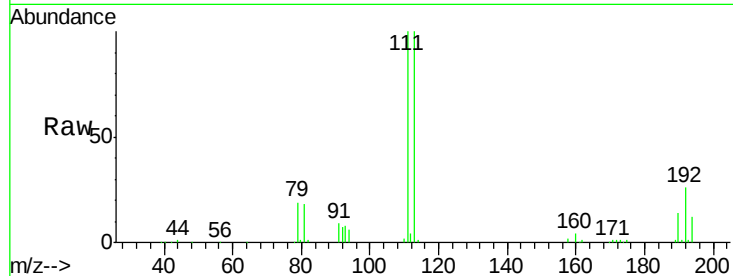
Tgt Ion:113 Resp: 121013

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

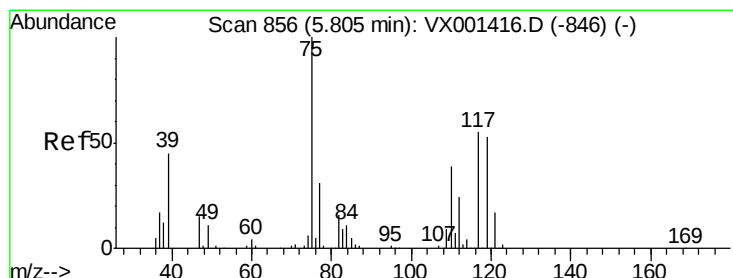
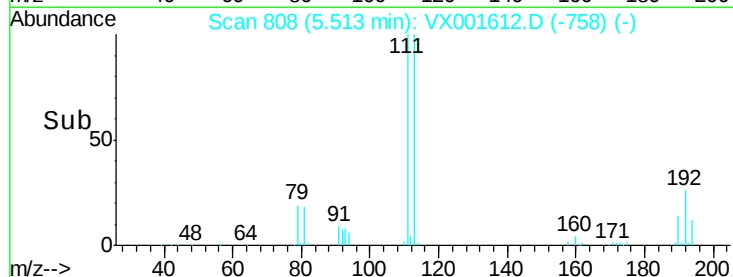
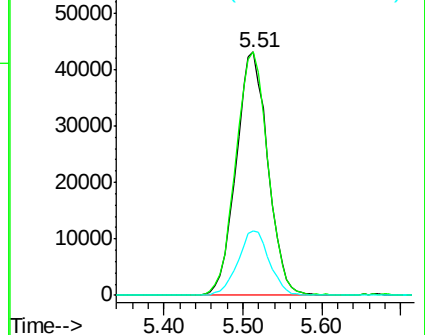
192 26.2 21.4 32.0



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: 3.84 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

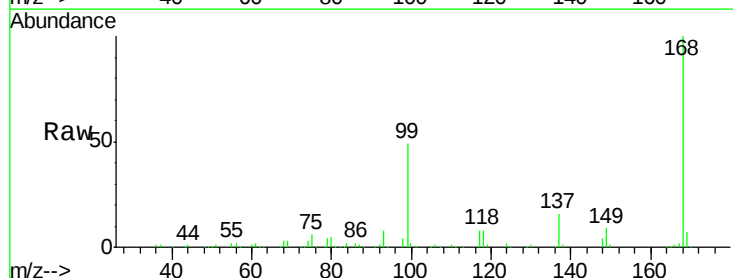
Tgt Ion: 75 Resp: 15120

Ion Ratio Lower Upper

75 100

110 9.5 18.9 56.7#

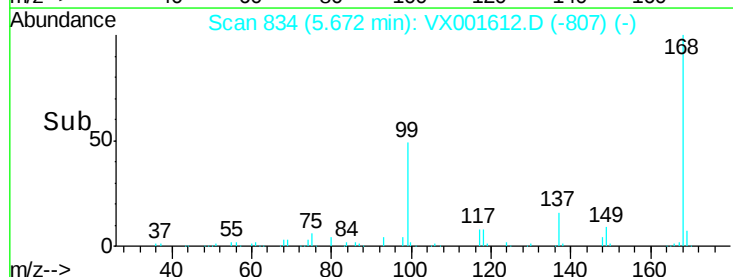
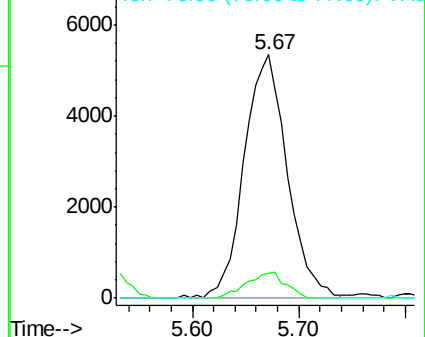
77 0.0 24.9 37.3#

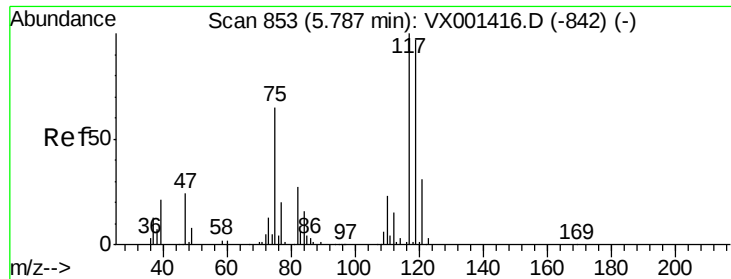


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

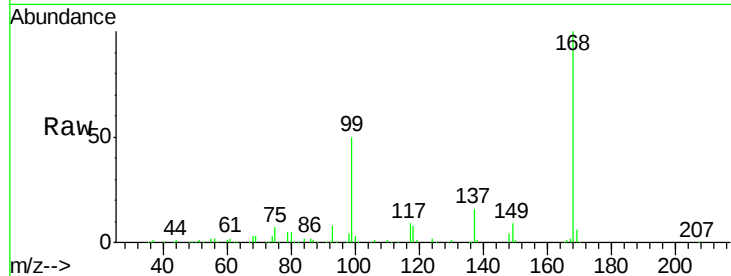




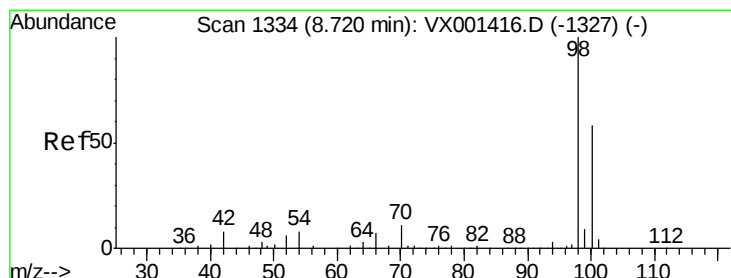
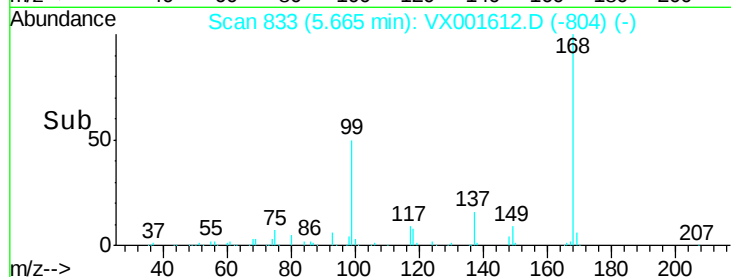
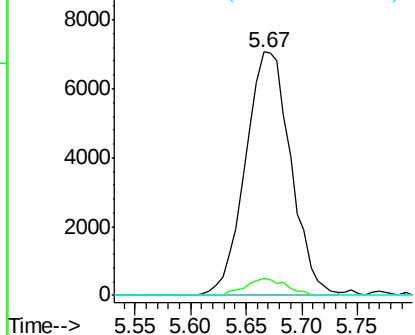
#38
Carbon Tetrachloride
Concen: 4.78 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :
MW01

Tgt Ion: 117 Resp: 20086
Ion Ratio Lower Upper
117 100
119 6.9 77.0 115.6#
121 0.0 25.1 37.7#

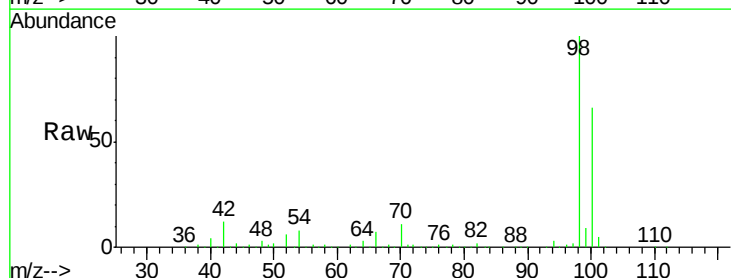


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

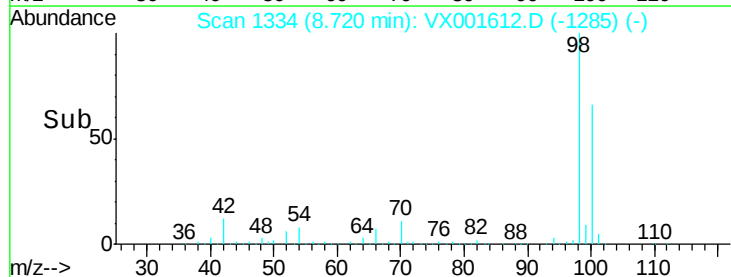
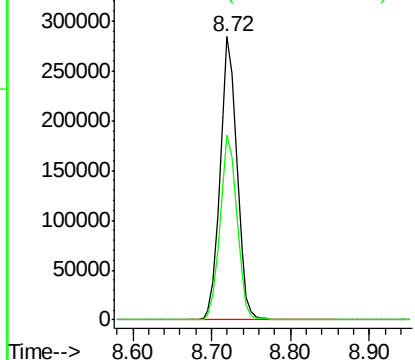


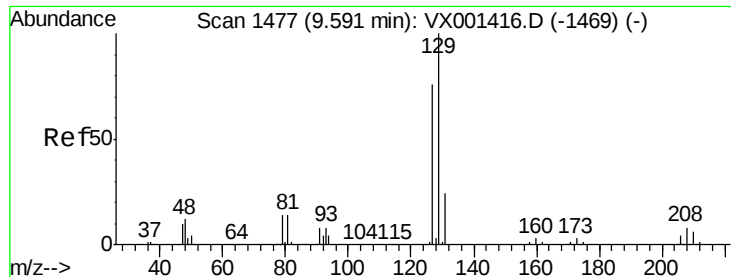
#50
Toluene-d8
Concen: 42.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

Tgt Ion: 98 Resp: 425617
Ion Ratio Lower Upper
98 100
100 65.6 54.0 81.0



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

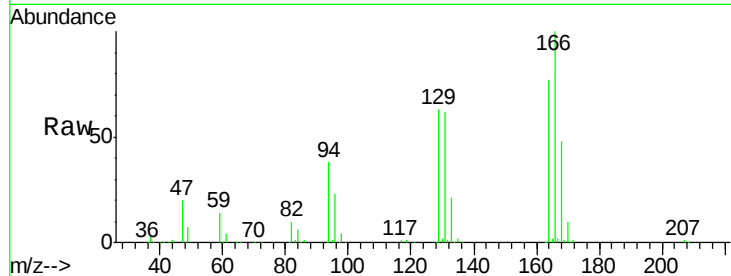




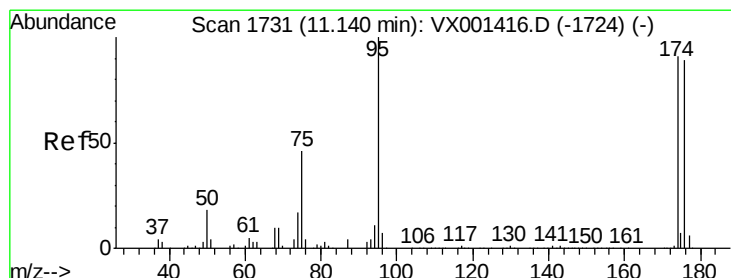
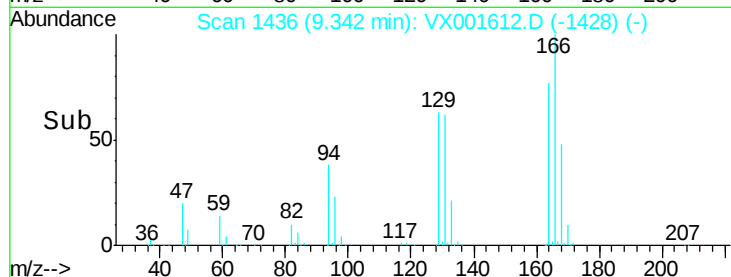
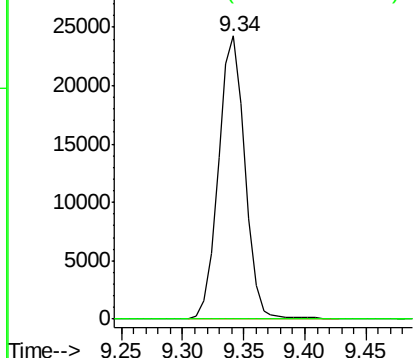
#60
 Dibromochloromethane
 Concen: 11.70 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001612.D
 Acq: 10 May 2018 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW01

Tgt Ion:129 Resp: 36336
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#

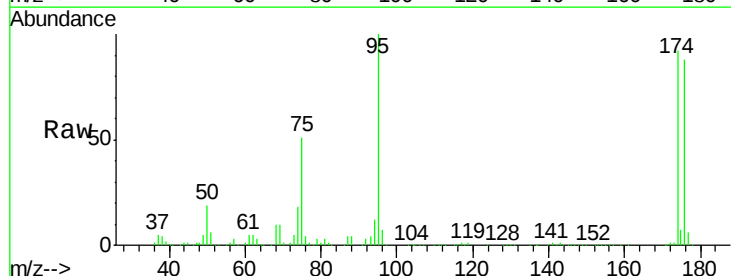


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

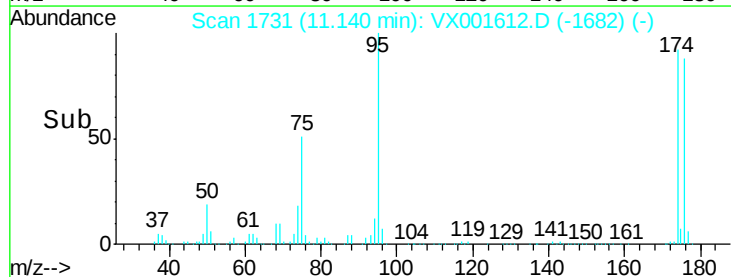
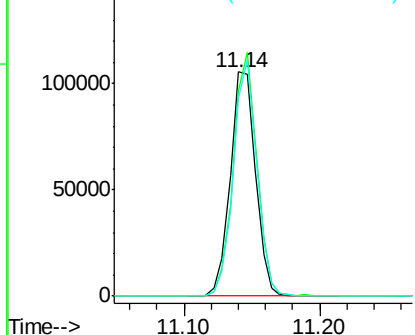


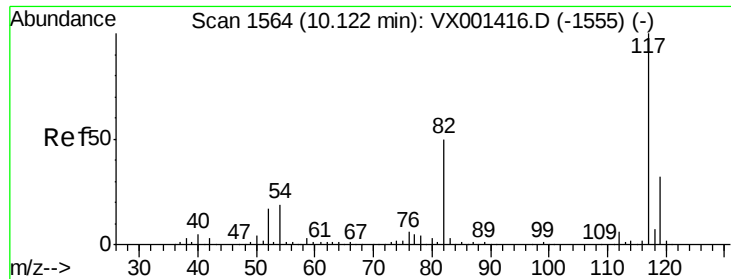
#62
 4-Bromofluorobenzene
 Concen: 35.40 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001612.D
 Acq: 10 May 2018 19:55

Tgt Ion: 95 Resp: 136718
 Ion Ratio Lower Upper
 95 100
 174 101.8 0.0 202.0
 176 97.6 0.0 197.4



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

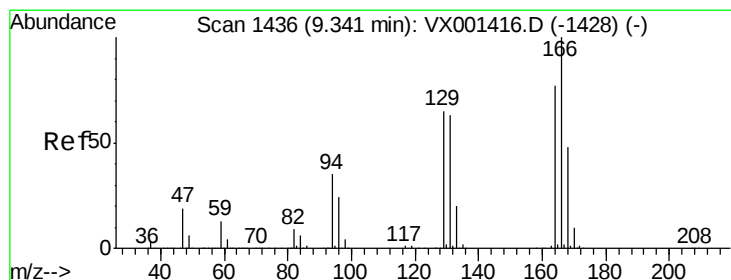
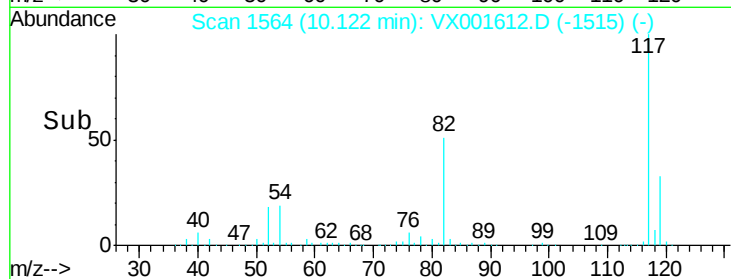
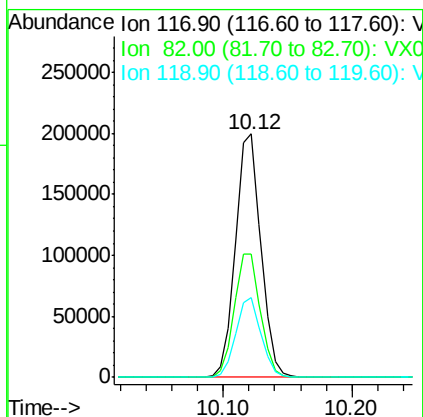
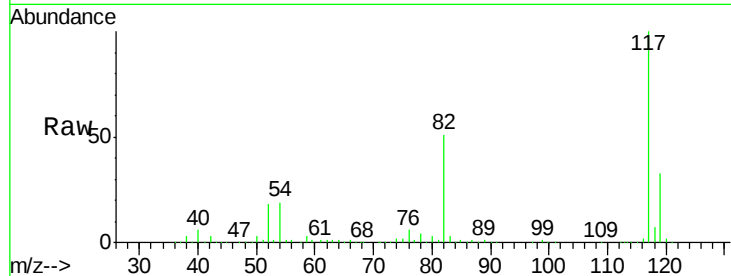




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

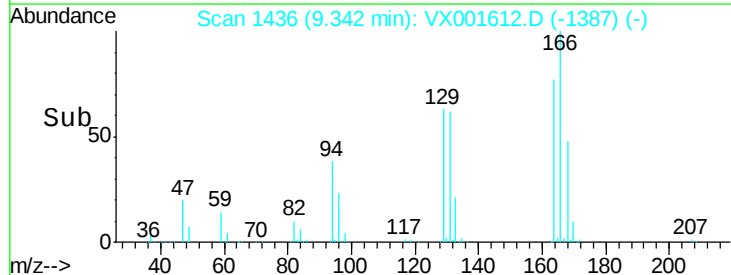
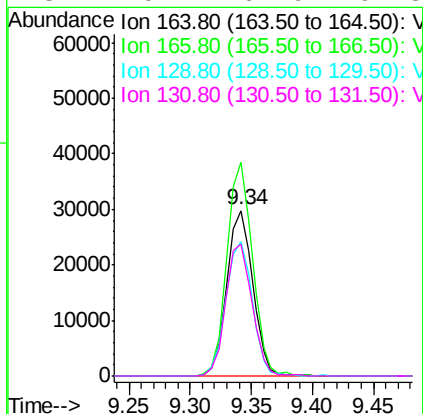
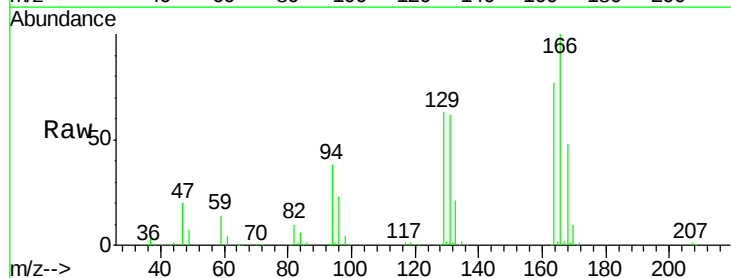
Instrument :
MSVOA_X
ClientSampled :
MW01

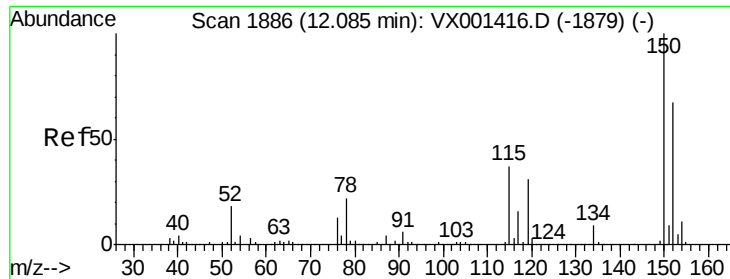
Tgt Ion:117 Resp: 273917
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 11.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001612.D
Acq: 10 May 2018 19:55

Tgt Ion:164 Resp: 43833
Ion Ratio Lower Upper
164 100
166 129.3 103.5 155.3
129 81.5 66.7 100.1
131 79.7 64.9 97.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

MW01

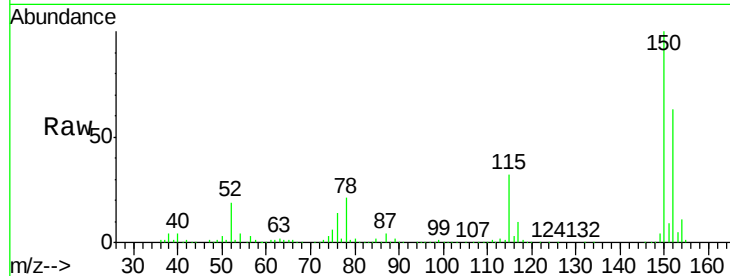
Tgt Ion:152 Resp: 147329

Ion Ratio Lower Upper

152 100

115 52.5 37.7 113.1

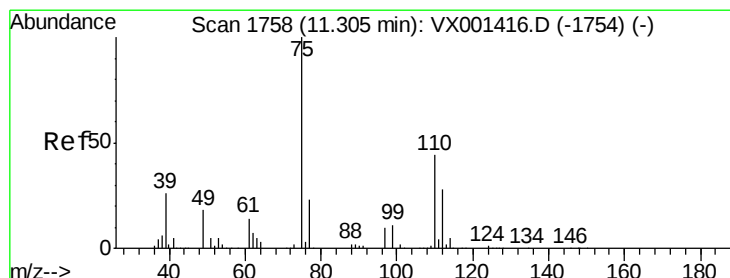
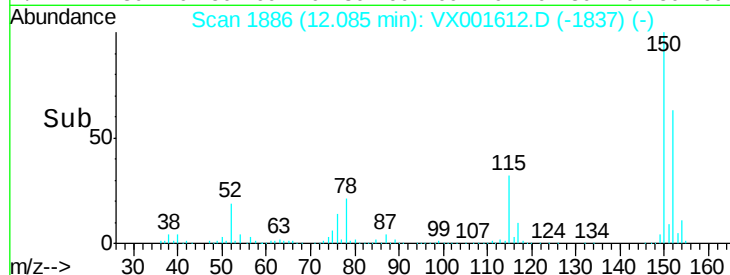
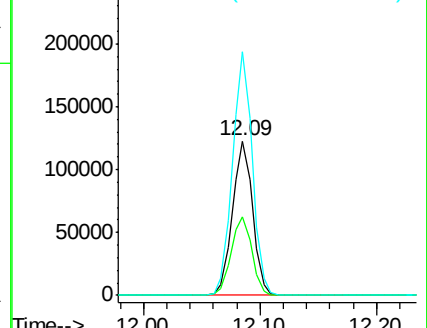
150 155.7 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001612.D

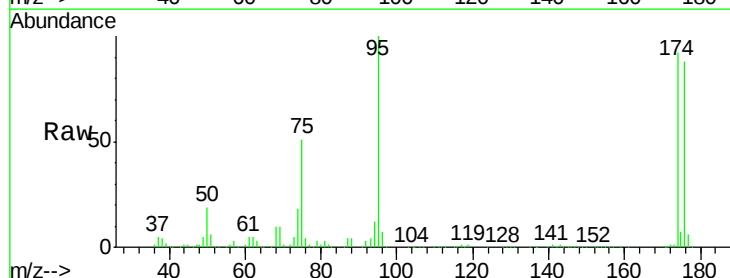
Acq: 10 May 2018 19:55

Tgt Ion: 75 Resp: 68795

Ion Ratio Lower Upper

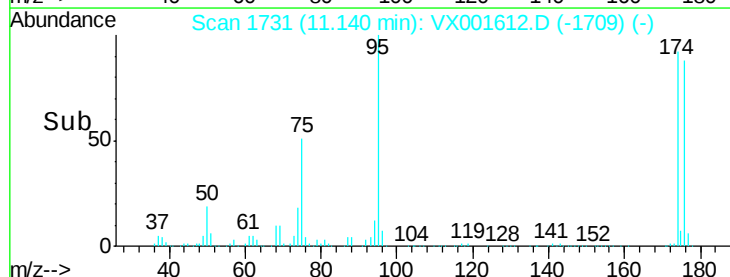
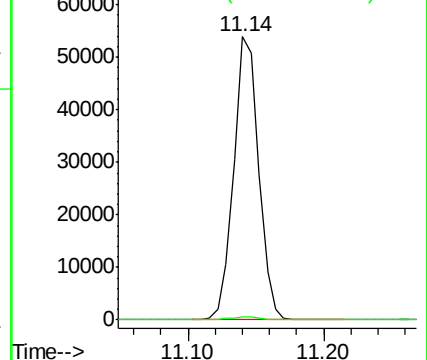
75 100

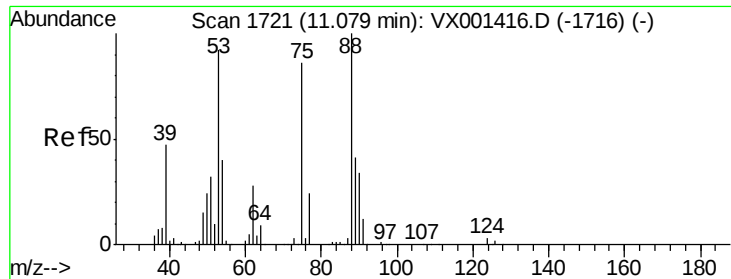
77 1.3 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 71.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001612.D

Acq: 10 May 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

MW01

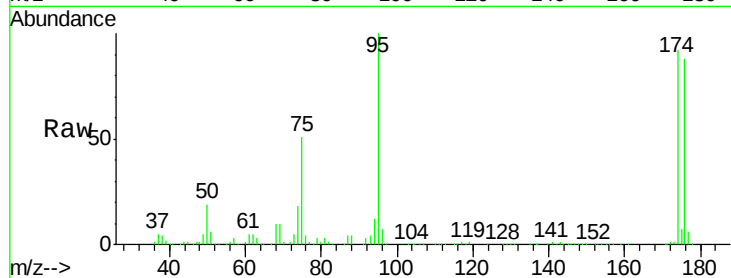
Tgt Ion: 75 Resp: 68795

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.1 39.5 59.3#



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

