

Data File : VX001725.D
Acq On : 14 May 2018 22:43
Operator : JC/MD
Sample : J2833-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: May 15 05:40:27 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171984	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
35) Dibromofluoromethane	5.51	113	140288	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
50) Toluene-d8	8.72	98	525371	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	174000	42.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.76%	

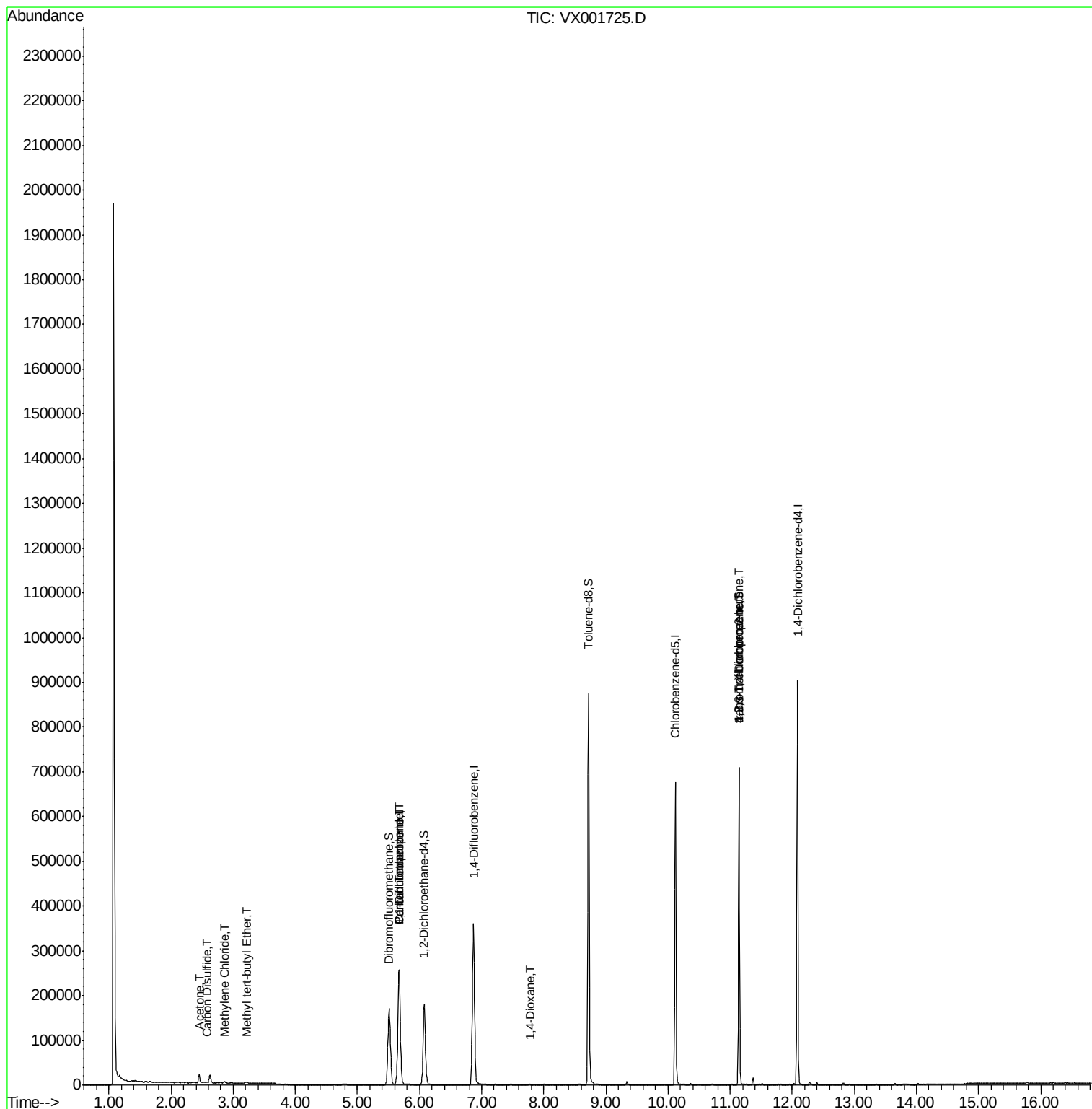
Target Compounds				Qvalue		
5) Bromomethane	1.66	94	830	Below Cal		84
16) Acetone	2.45	43	20572	13.95	ug/l	98
17) Carbon Disulfide	2.57	76	1616	0.22	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	3435	0.37	ug/l	100
20) Methylene Chloride	2.86	84	1161	0.37	ug/l #	67
36) 1,1-Dichloropropene	5.67	75	16865	3.88	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23358	5.13	ug/l #	15
49) 1,4-Dioxane	7.78	88	879	12.24	ug/l #	23
76) 1,2,3-Trichloropropane	11.14	75	83680	22.06	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	83680	64.70	ug/l #	10

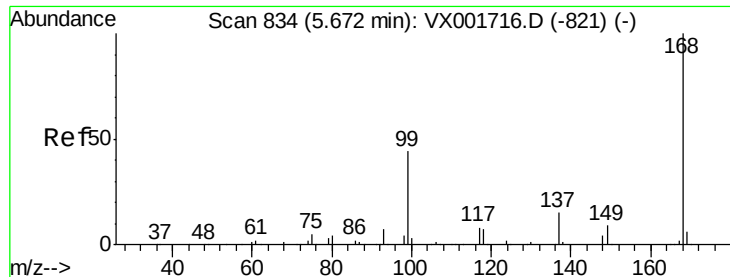
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001725.D

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Instrument :

MSVOA_X

ClientSampled :

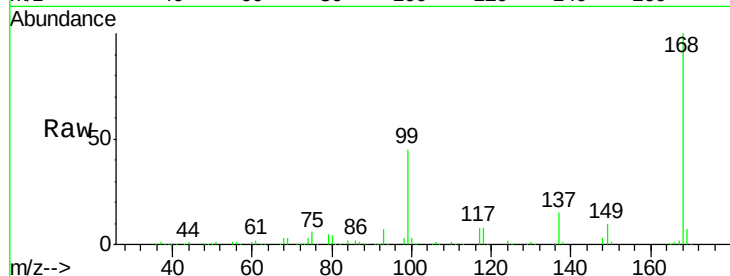
MW-3

Tgt Ion:168 Resp: 280190

Ion Ratio Lower Upper

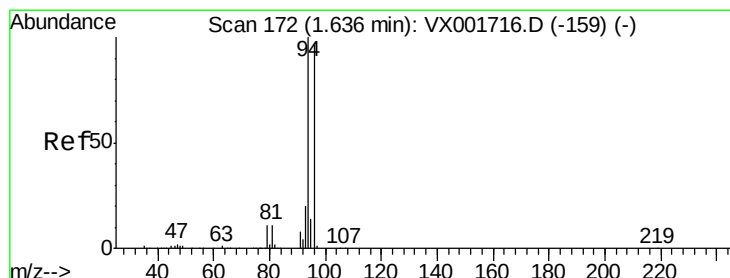
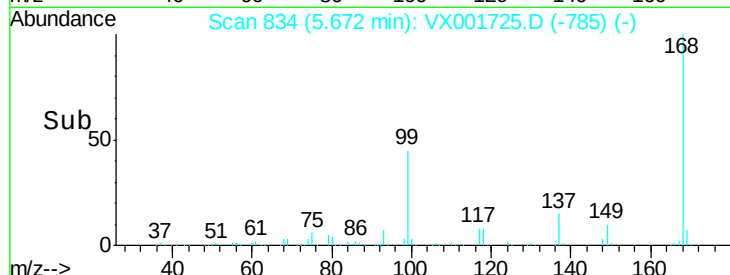
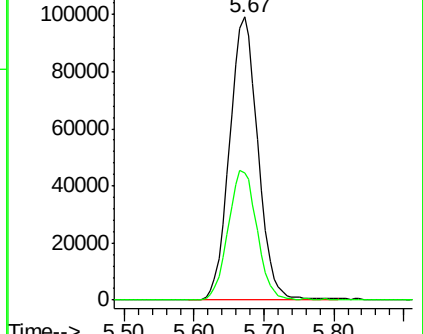
168 100

99 44.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001725.D

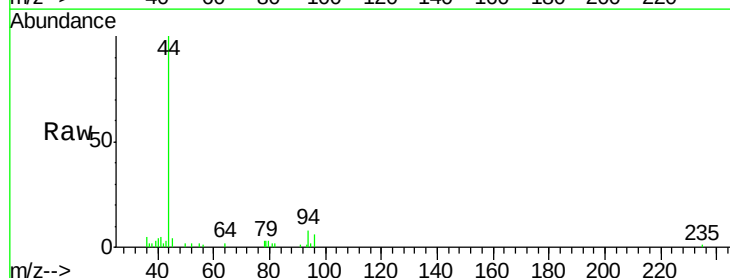
Acq: 14 May 2018 22:43

Tgt Ion: 94 Resp: 830

Ion Ratio Lower Upper

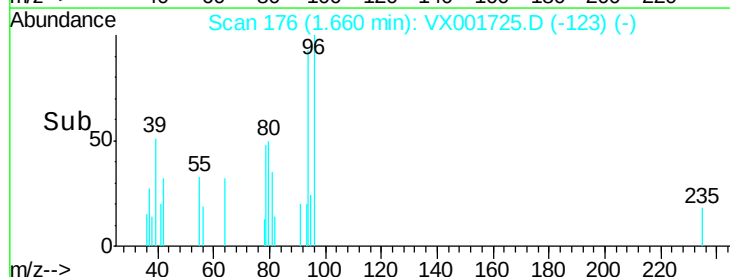
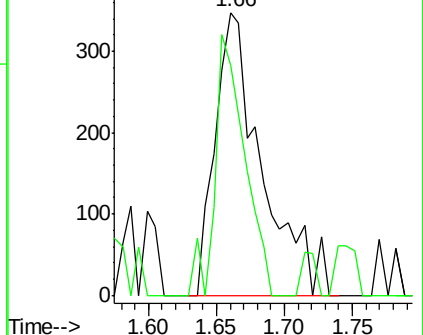
94 100

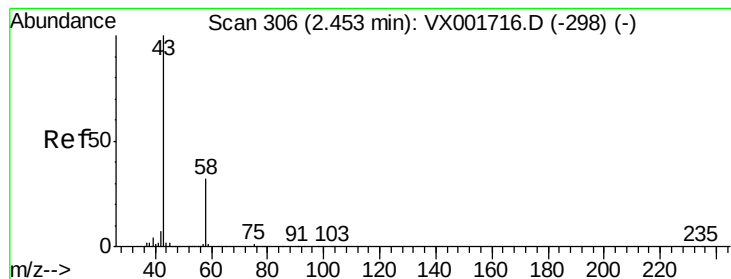
96 81.0 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#16

Acetone

Concen: 13.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

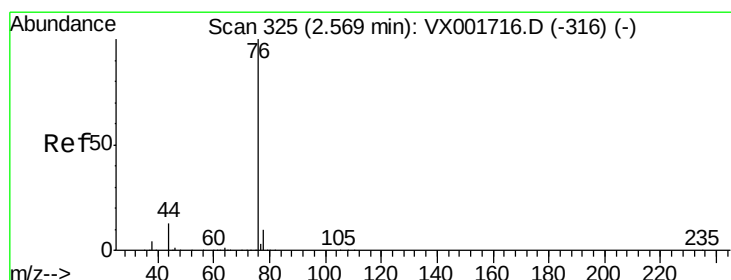
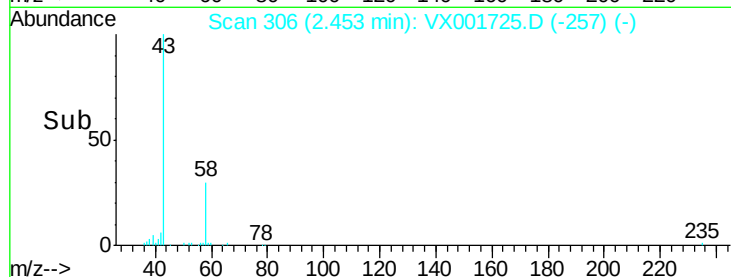
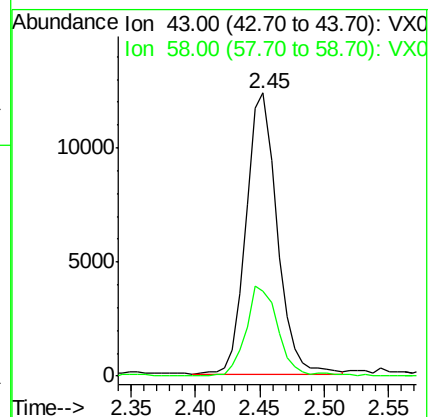
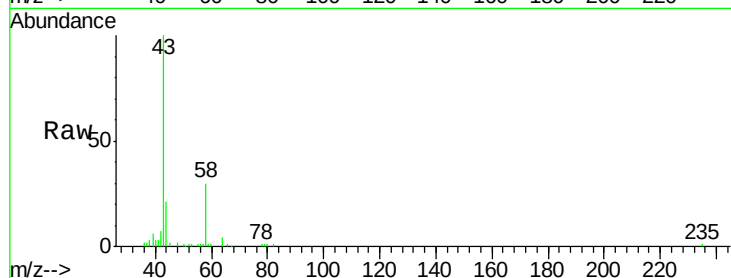
MW-3

Tgt Ion: 43 Resp: 20572

Ion Ratio Lower Upper

43 100

58 30.4 25.3 37.9



#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001725.D

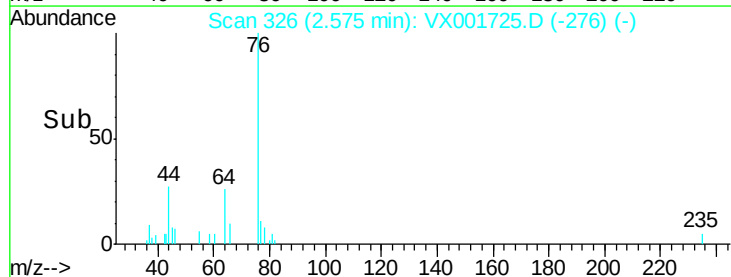
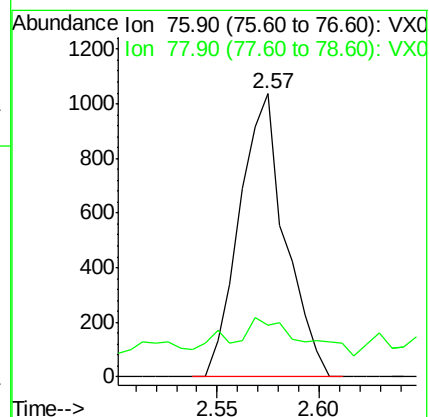
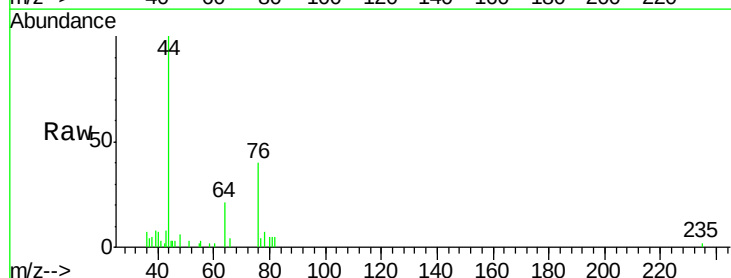
Acq: 14 May 2018 22:43

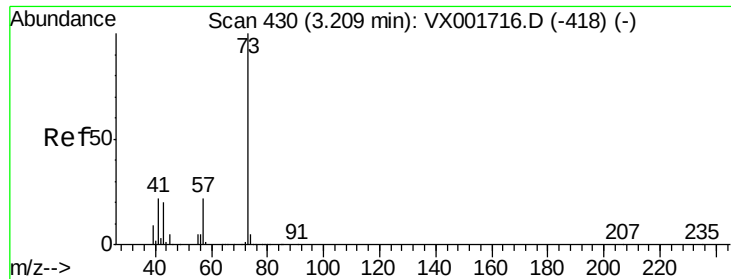
Tgt Ion: 76 Resp: 1616

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4

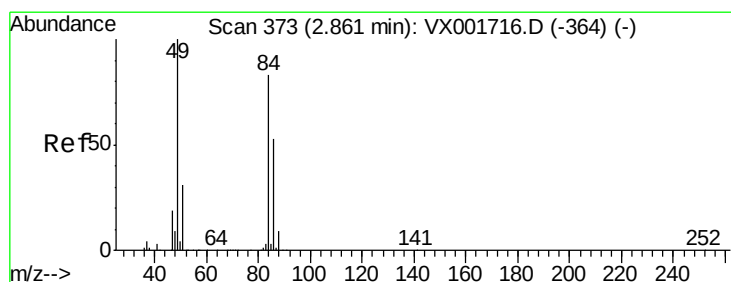
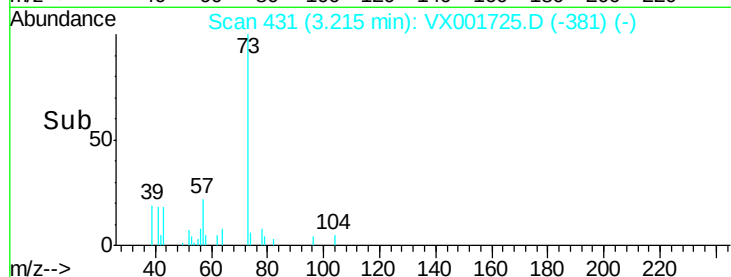
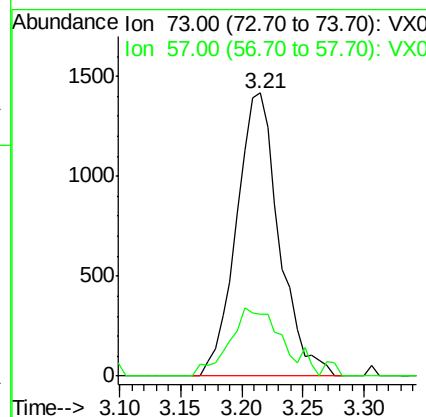
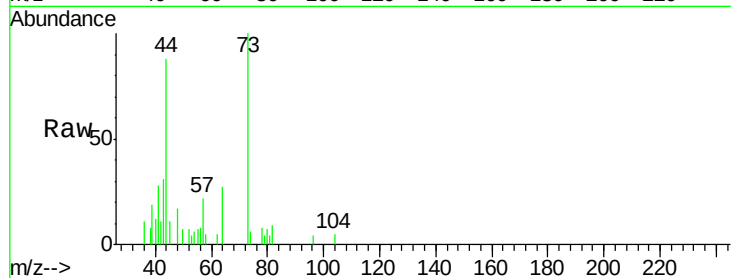




#19
Methyl tert-butyl Ether
Concen: 0.37 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

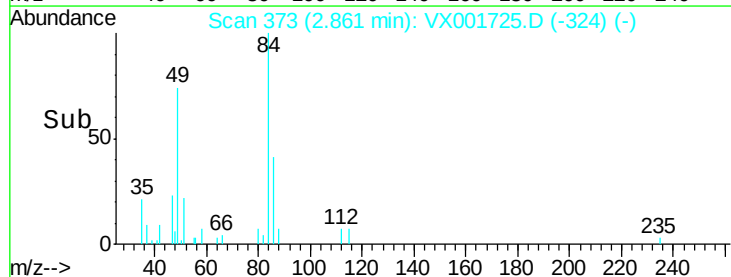
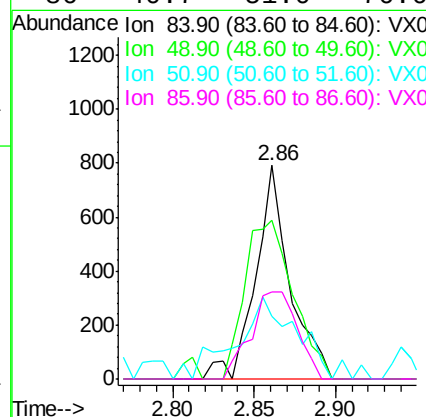
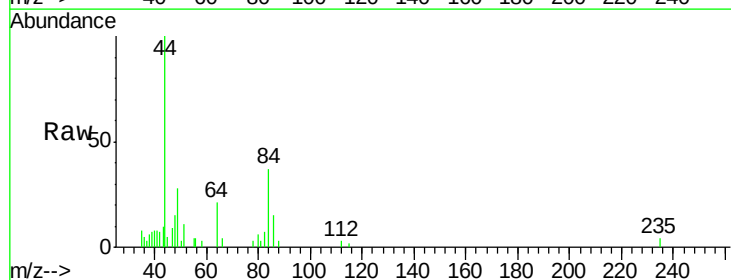
Instrument :
MSVOA_X
ClientSampleId :
MW-3

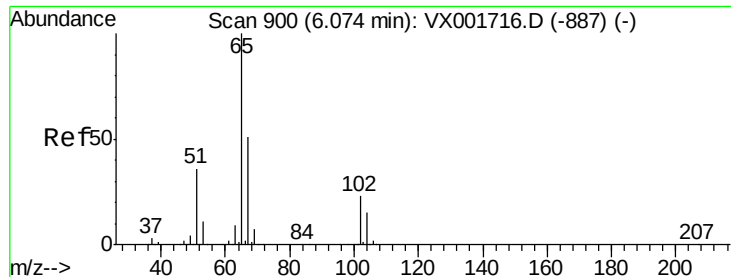
Tgt Ion: 73 Resp: 3435
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

Tgt Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
49 74.1 96.3 144.5#
51 29.5 29.8 44.6#
86 40.7 51.0 76.6#

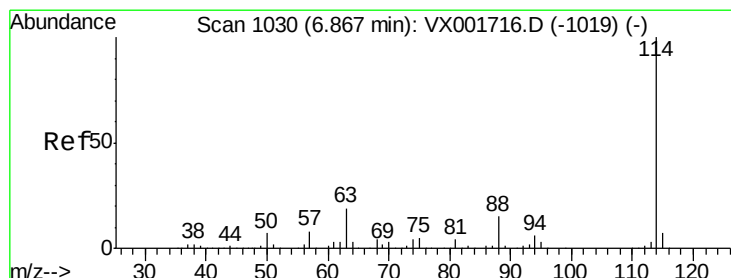
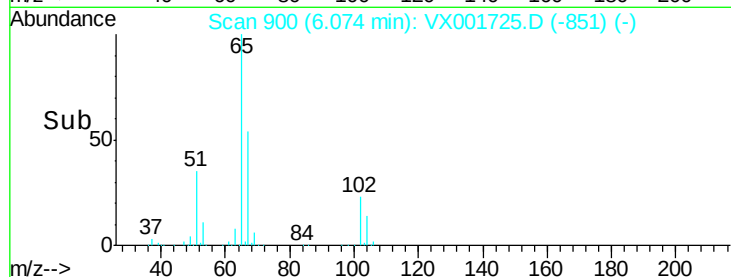
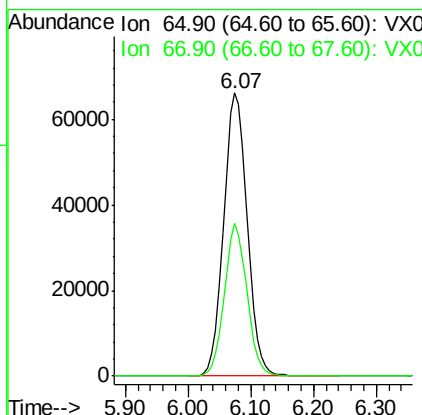
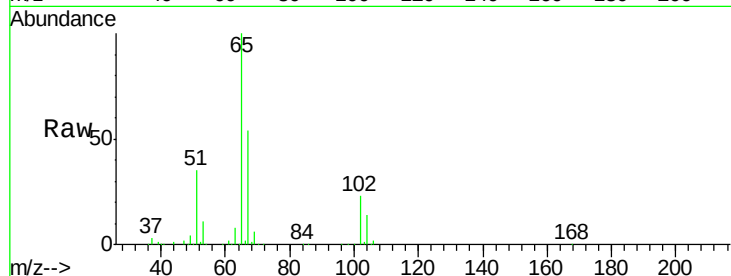




#33
 1,2-Dichloroethane-d4
 Concen: 45.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001725.D
 Acq: 14 May 2018 22:43

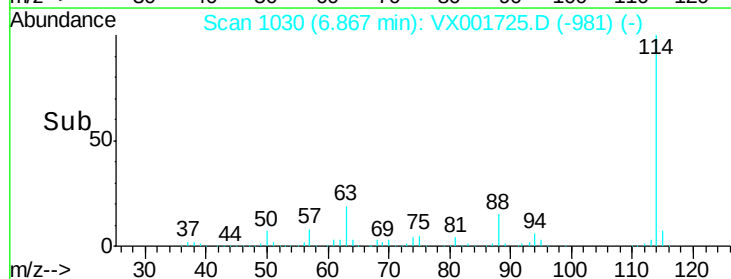
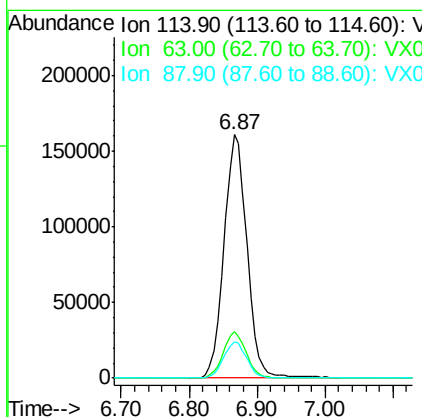
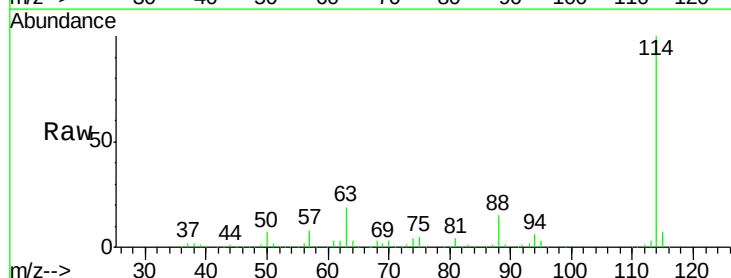
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

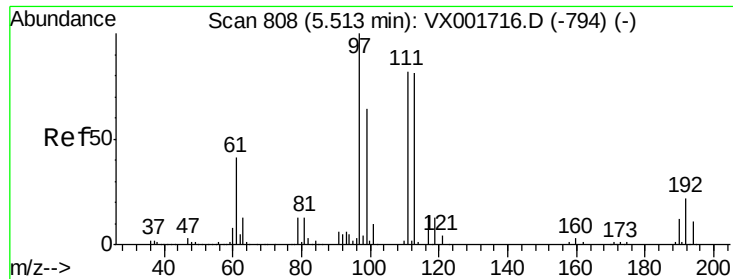
Tgt Ion: 65 Resp: 171984
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001725.D
 Acq: 14 May 2018 22:43

Tgt Ion: 114 Resp: 377241
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.0
 88 15.0 0.0 29.8

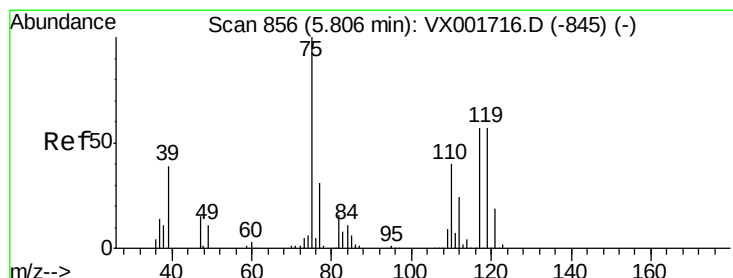
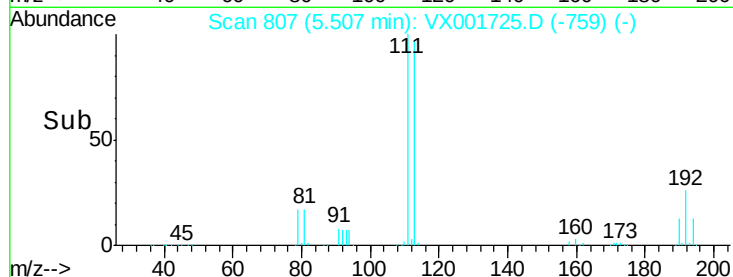
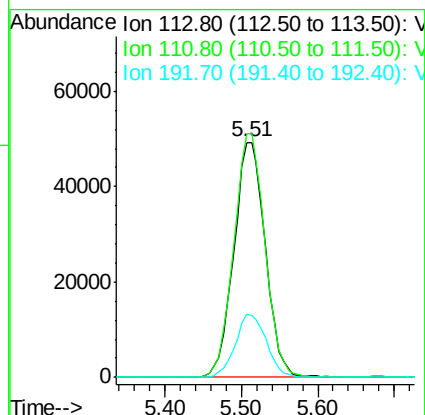
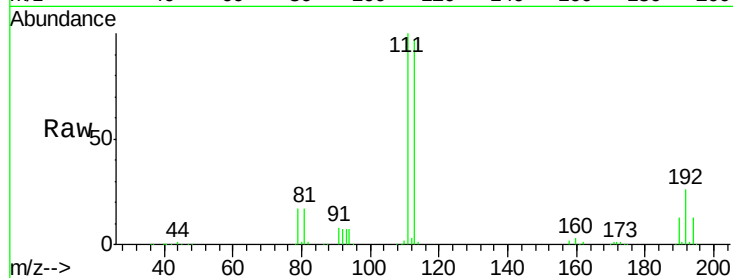




#35
 Dibromofluoromethane
 Concen: 44.07 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001725.D
 Acq: 14 May 2018 22:43

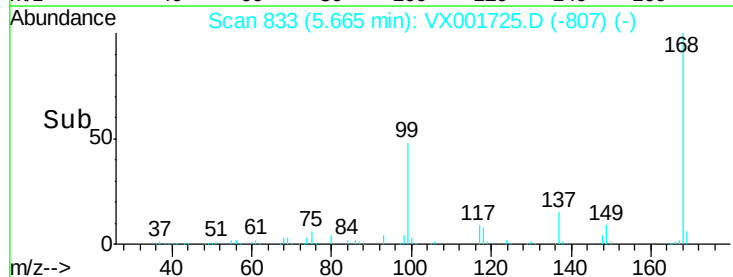
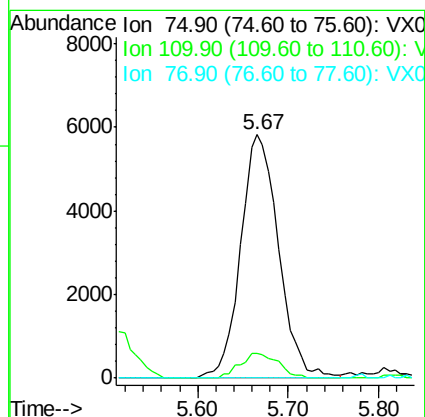
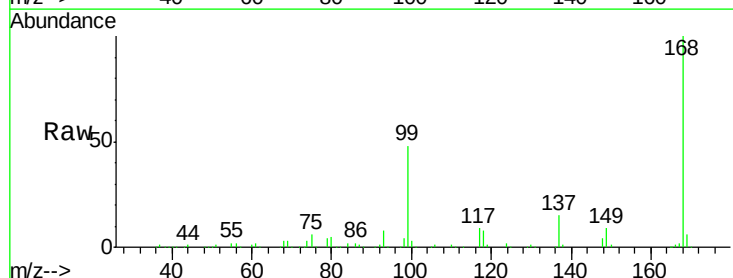
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

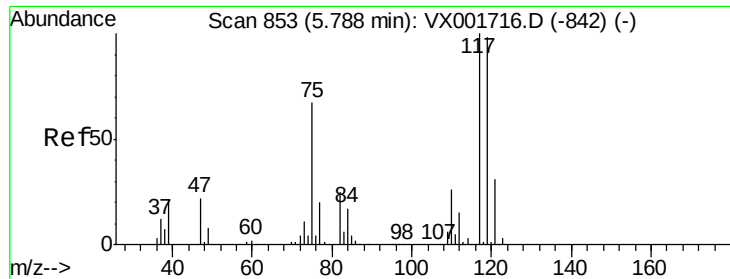
Tgt Ion:113 Resp: 140288
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 26.7 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001725.D
 Acq: 14 May 2018 22:43

Tgt Ion: 75 Resp: 16865
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 24.6 37.0#

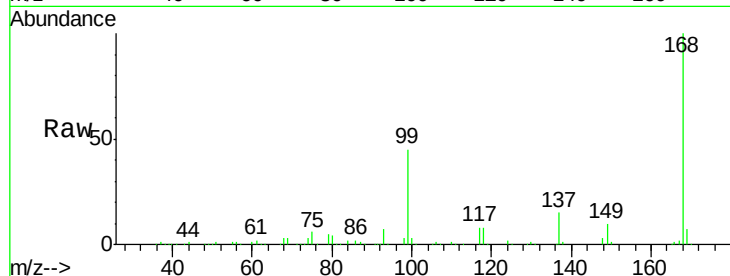




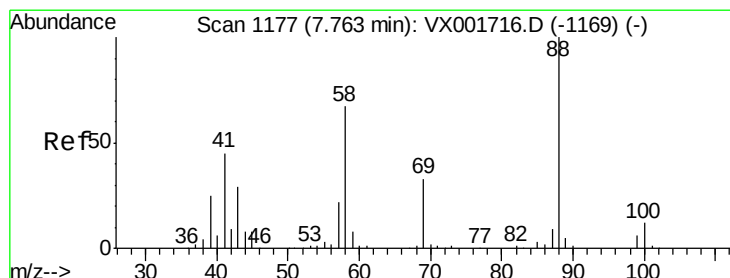
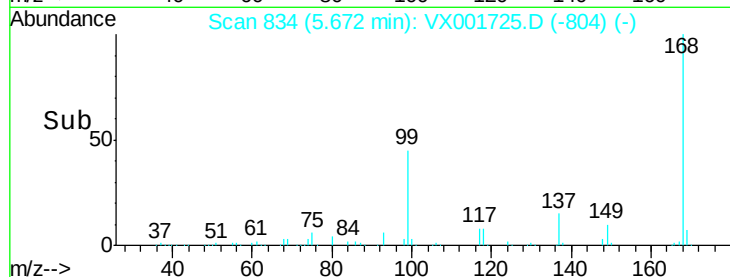
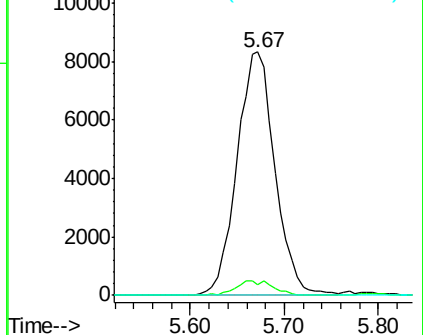
#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion: 117 Resp: 23358
Ion Ratio Lower Upper
117 100
119 4.5 77.6 116.4#
121 0.0 24.6 36.8#

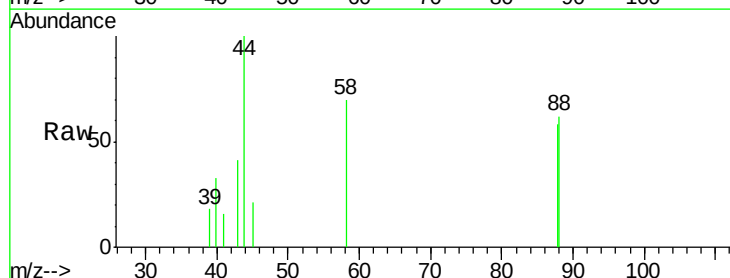


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

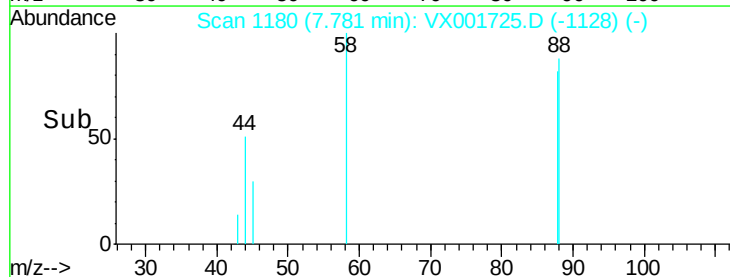
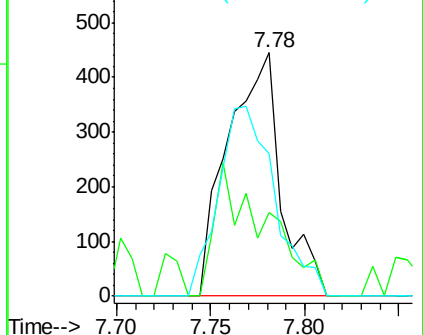


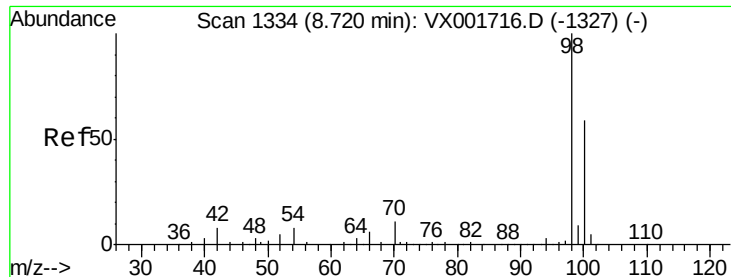
#49
1,4-Dioxane
Concen: 12.24 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.02 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

Tgt Ion: 88 Resp: 879
Ion Ratio Lower Upper
88 100
43 0.0 27.3 40.9#
58 0.0 55.9 83.9#



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: 46.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

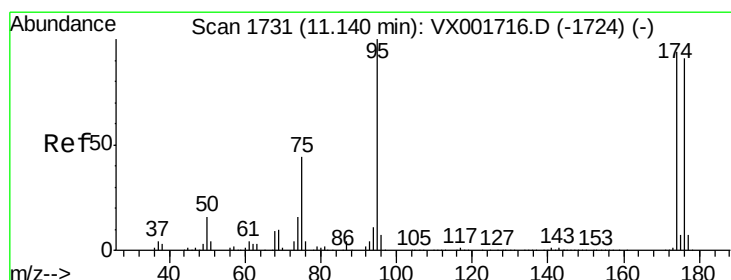
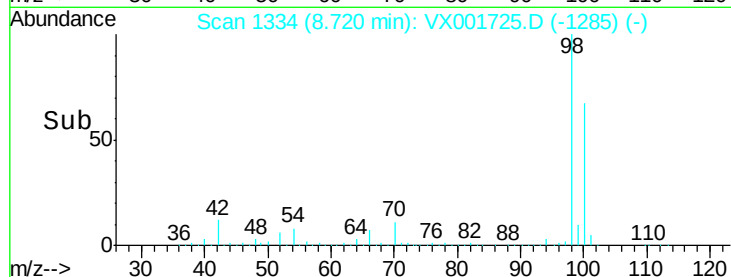
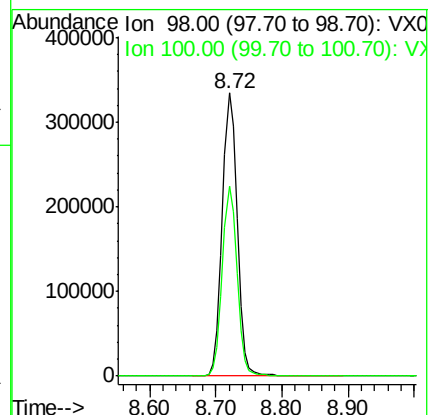
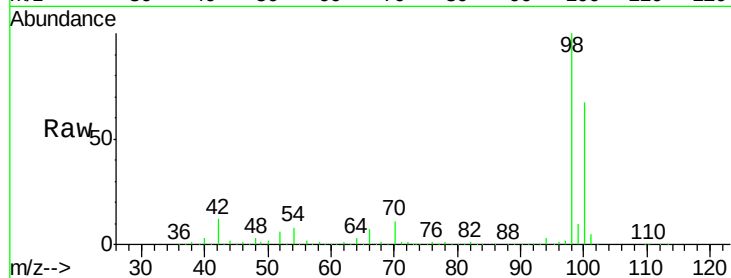
MW-3

Tgt Ion: 98 Resp: 525371

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 42.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001725.D

Acq: 14 May 2018 22:43

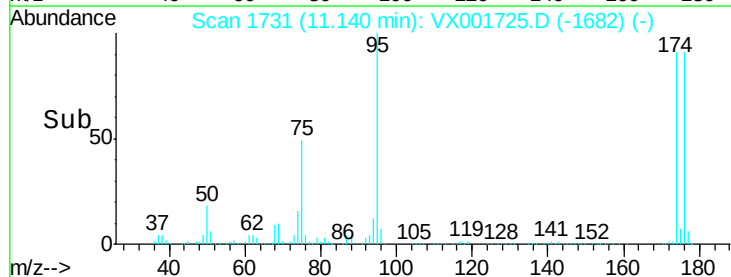
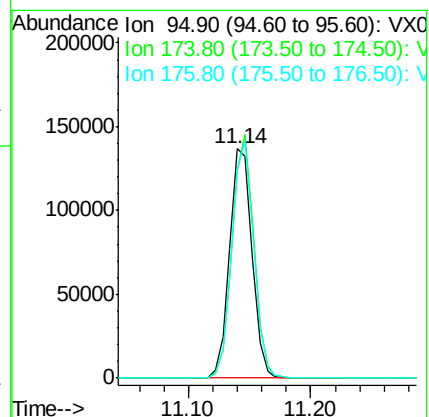
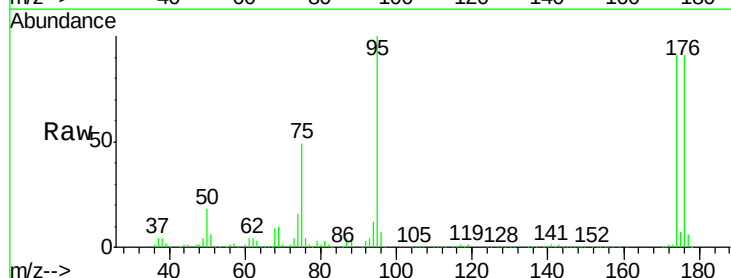
Tgt Ion: 95 Resp: 174000

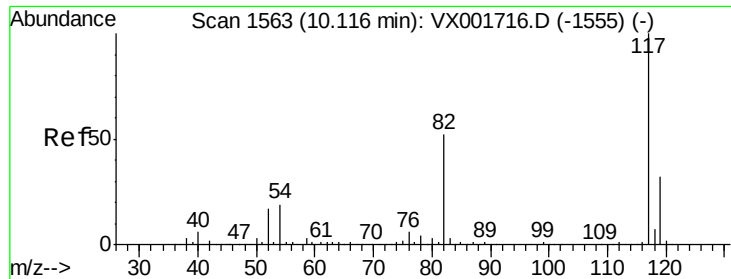
Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

176 99.4 0.0 196.8

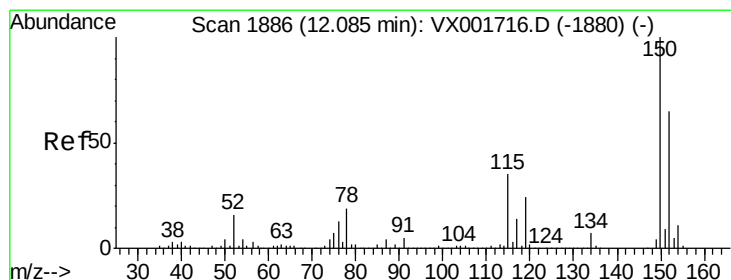
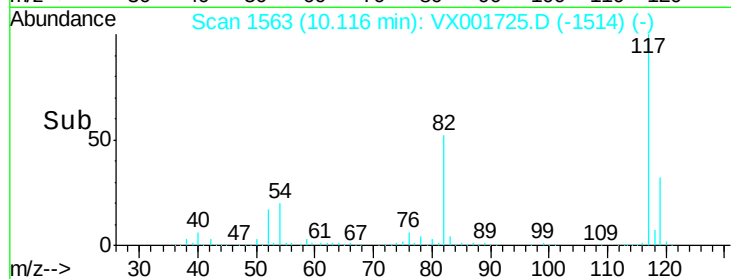
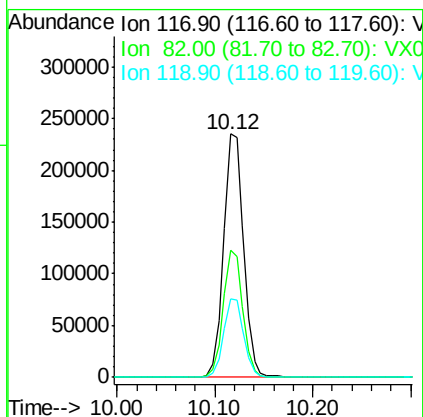
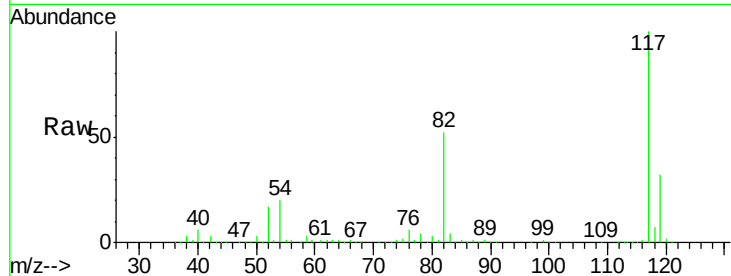




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

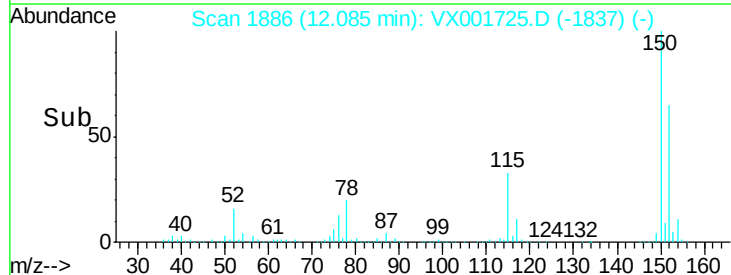
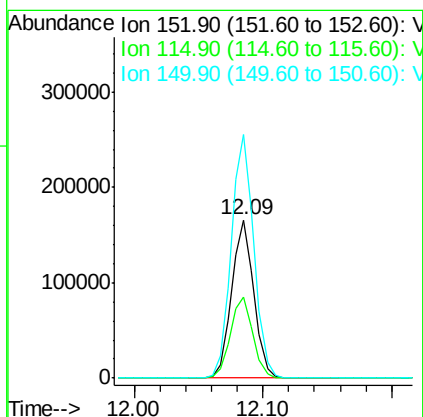
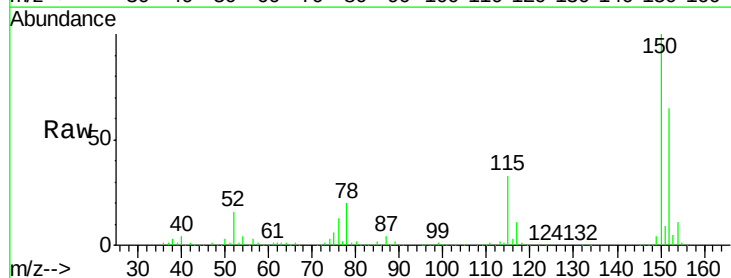
Instrument :
MSVOA_X
ClientSampled :
MW-3

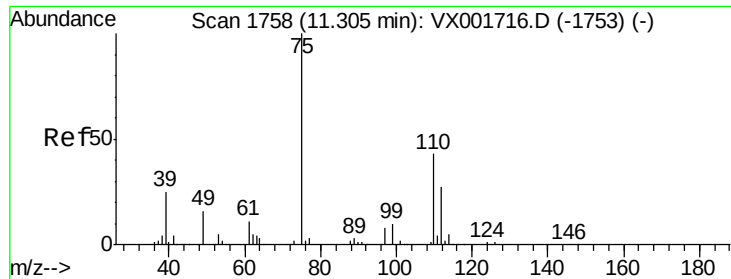
Tgt Ion:117 Resp: 333982
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001725.D
Acq: 14 May 2018 22:43

Tgt Ion:152 Resp: 199477
Ion Ratio Lower Upper
152 100
115 52.1 37.4 112.2
150 156.5 0.0 344.8

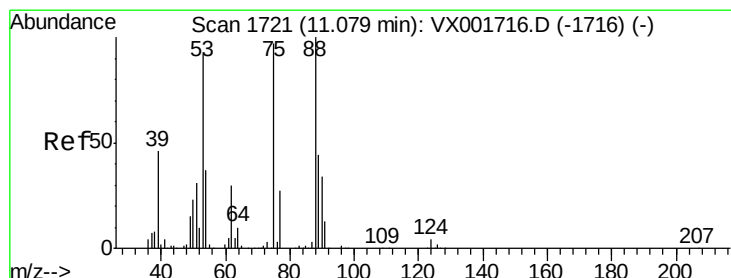
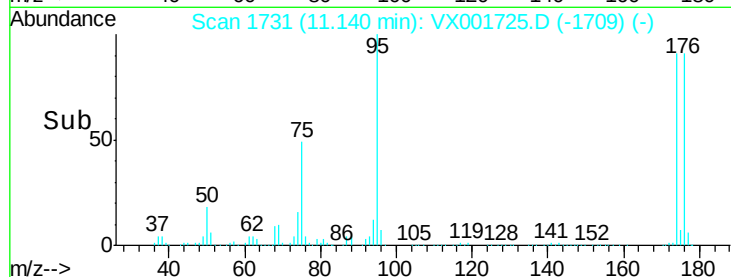
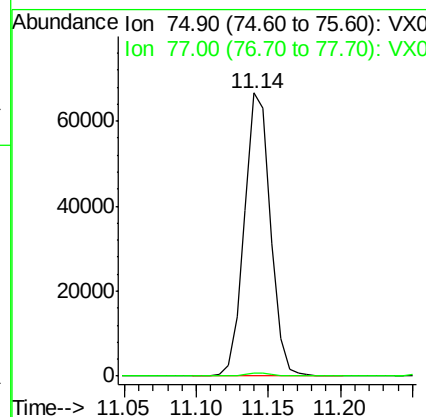
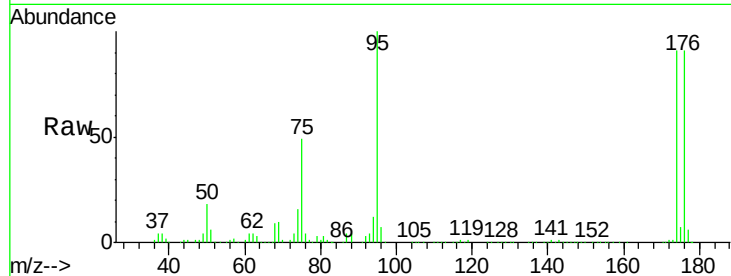




#76
 1,2,3-Trichloropropane
 Concen: 22.06 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001725.D
 Acq: 14 May 2018 22:43

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

Tgt Ion: 75 Resp: 83680
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.70 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001725.D
 Acq: 14 May 2018 22:43

Tgt Ion: 75 Resp: 83680
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.2#
 89 0.0 38.8 58.2#

