

Data File : VX001730.D
Acq On : 15 May 2018 00:57
Operator : JC/MD
Sample : J2856-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Quant Time: May 15 05:42:33 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	280906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174129	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
35) Dibromofluoromethane	5.51	113	143052	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
50) Toluene-d8	8.72	98	527618	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.14	95	181108	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

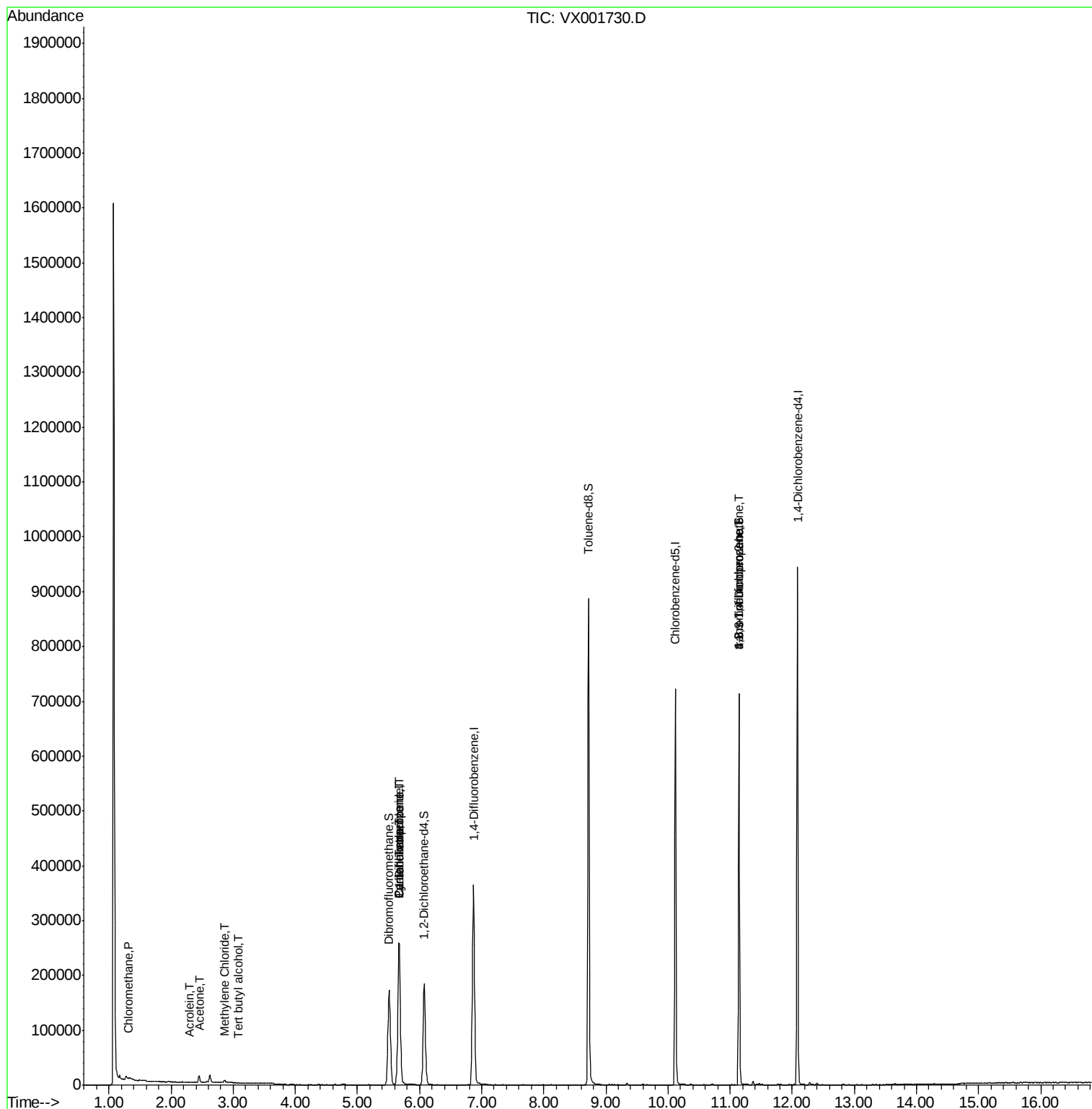
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	1175	0.39	ug/l	99
5) Bromomethane	1.61	94	119	Below Cal	#	1
11) Tert butyl alcohol	3.07	59	158	0.24	ug/l	# 72
13) Acrolein	2.30	56	208	0.44	ug/l	# 82
16) Acetone	2.45	43	12507	8.46	ug/l	96
20) Methylene Chloride	2.86	84	1782	0.56	ug/l	# 82
31) Cyclohexane	5.67	56	4604	0.97	ug/l	# 8
36) 1,1-Dichloropropene	5.67	75	16975	3.88	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	23789	5.20	ug/l	# 15
76) 1,2,3-Trichloropropane	11.14	75	85990	21.35	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	85990	62.73	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# 833

Delta R.T. -0.01 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampled :

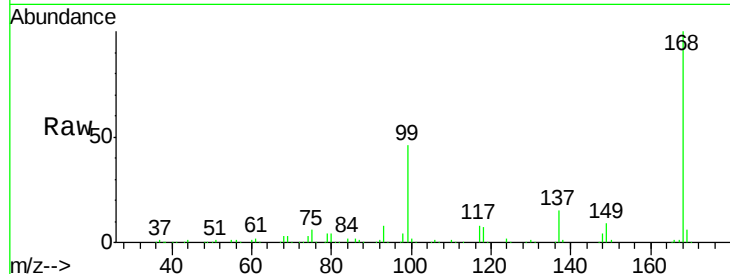
MW-02

Tgt Ion:168 Resp: 280906

Ion Ratio Lower Upper

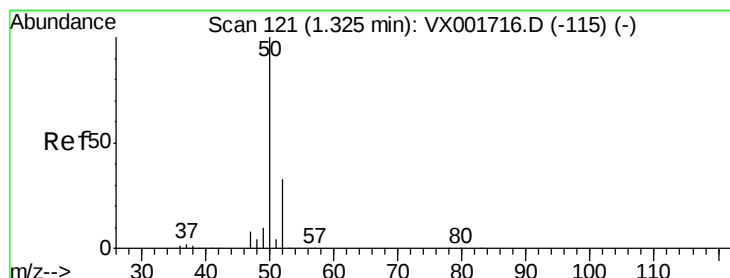
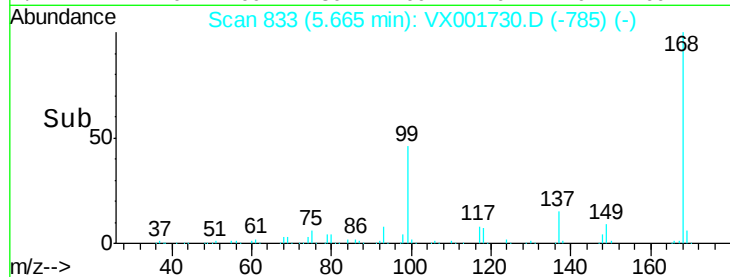
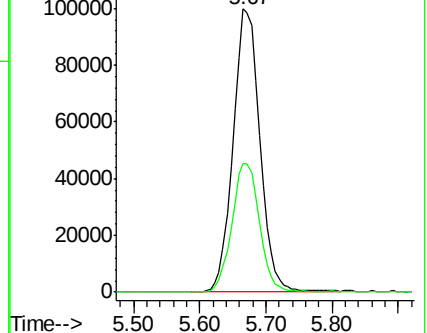
168 100

99 45.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.39 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001730.D

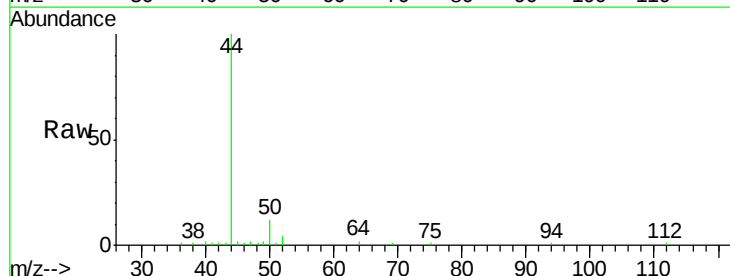
Acq: 15 May 2018 00:57

Tgt Ion: 50 Resp: 1175

Ion Ratio Lower Upper

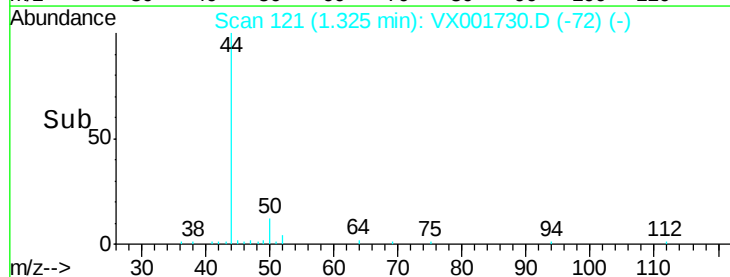
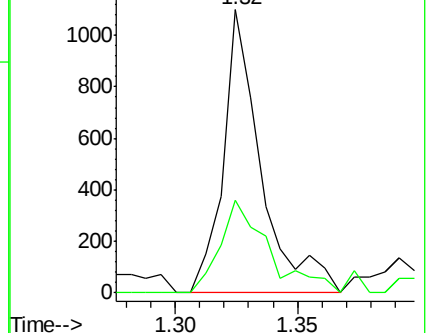
50 100

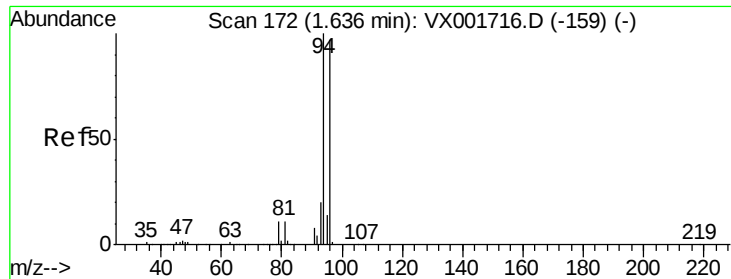
52 32.6 26.3 39.5



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: 1.61 min Scan# 167

Delta R.T. -0.03 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

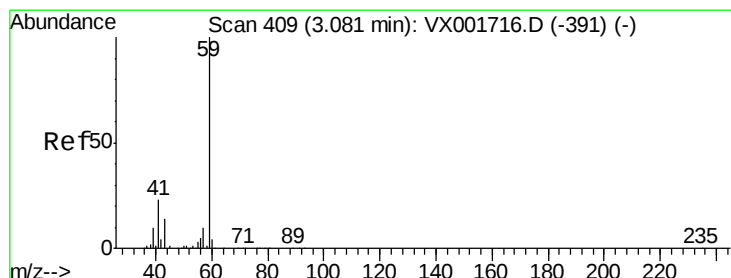
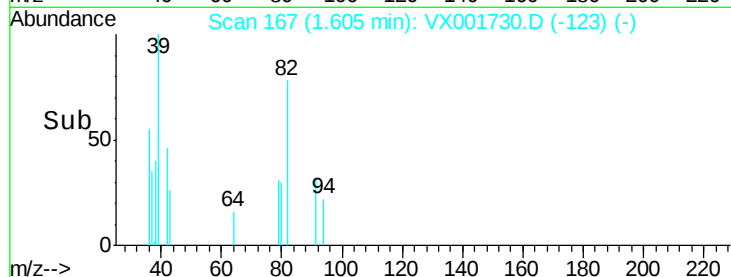
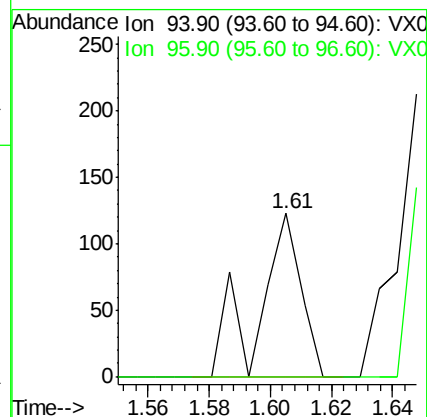
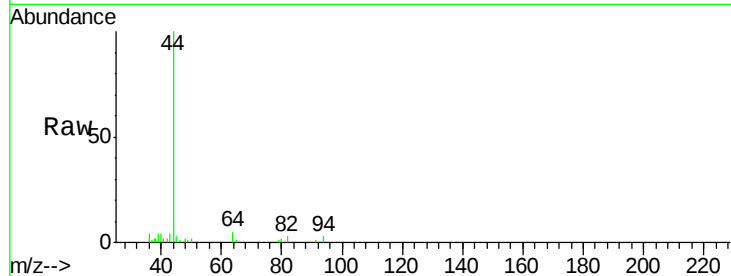
MW-02

Tgt Ion: 94 Resp: 119

Ion Ratio Lower Upper

94 100

96 0.0 77.4 116.0#



#11

Tert butyl alcohol

Concen: 0.24 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX001730.D

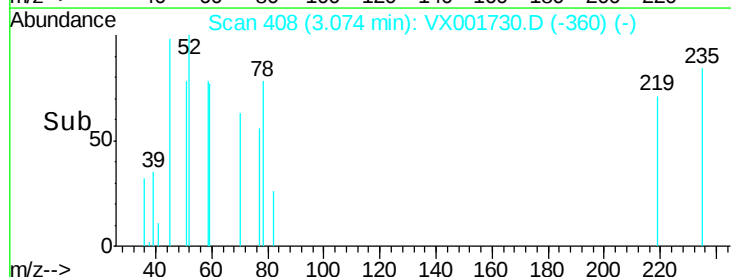
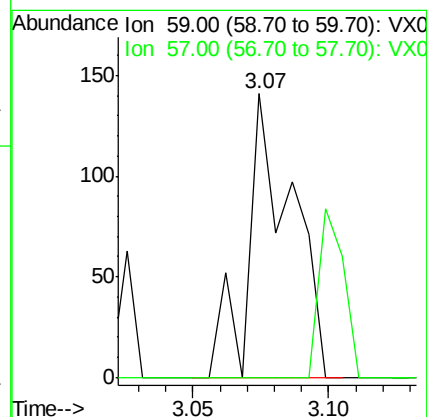
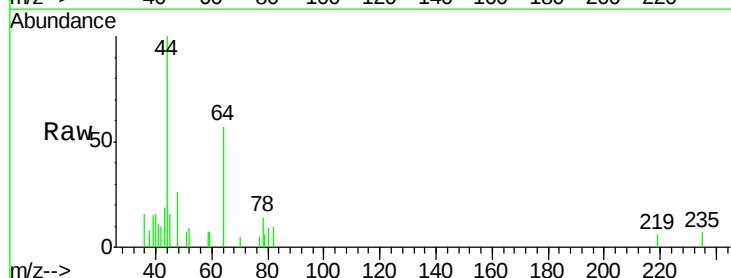
Acq: 15 May 2018 00:57

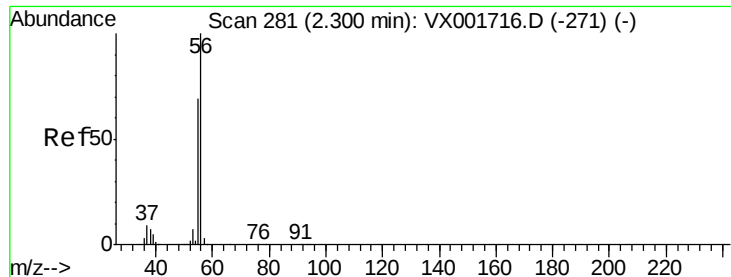
Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.44 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

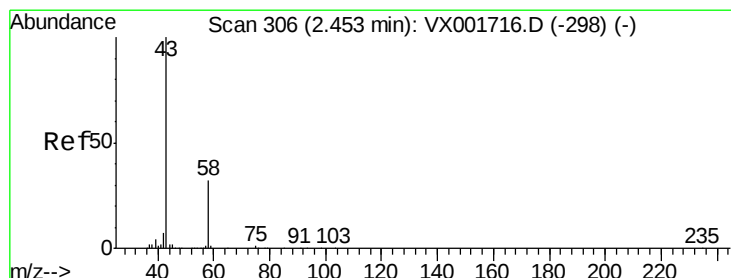
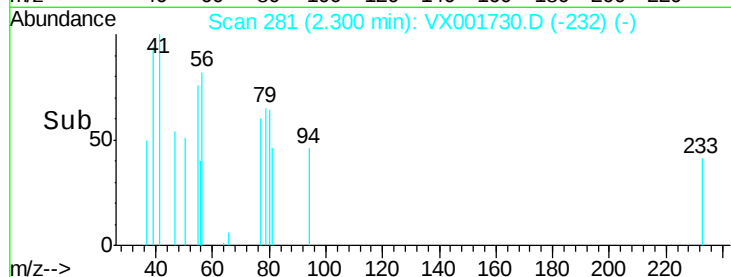
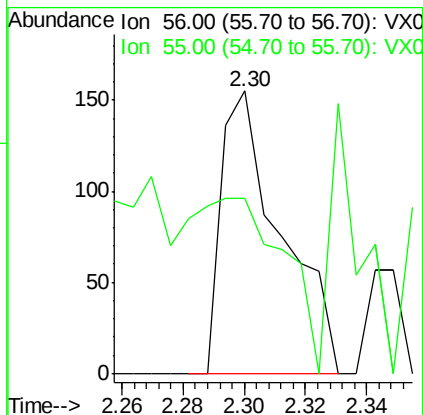
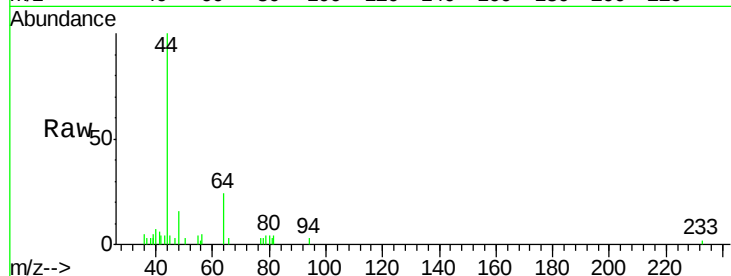
MW-02

Tgt Ion: 56 Resp: 208

Ion Ratio Lower Upper

56 100

55 85.1 56.2 84.2#



#16

Acetone

Concen: 8.46 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001730.D

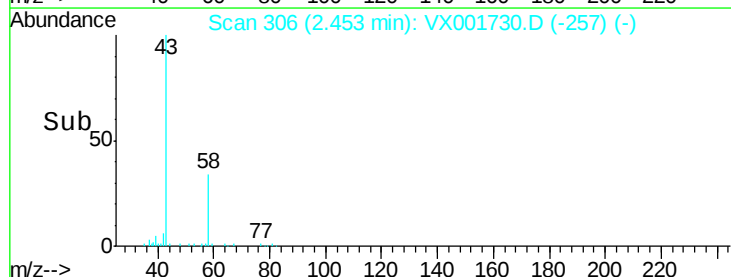
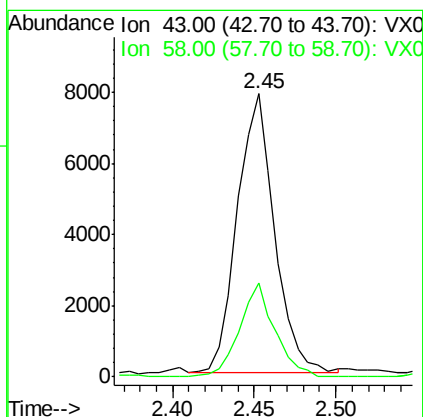
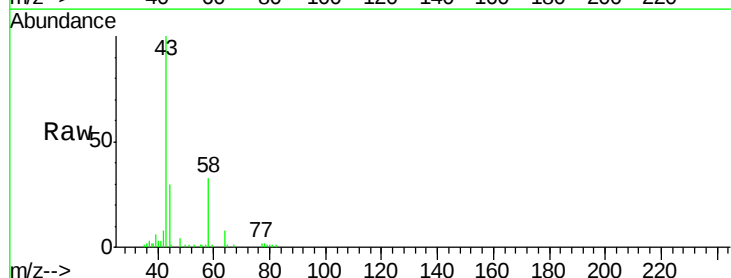
Acq: 15 May 2018 00:57

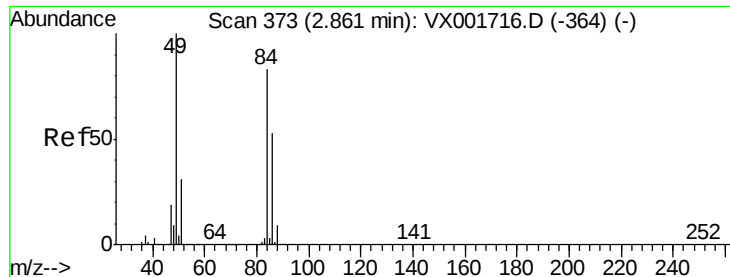
Tgt Ion: 43 Resp: 12507

Ion Ratio Lower Upper

43 100

58 33.9 25.3 37.9



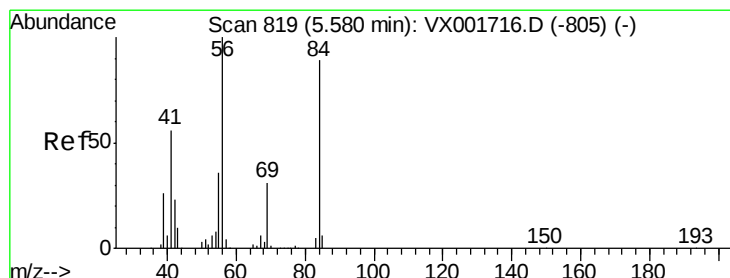
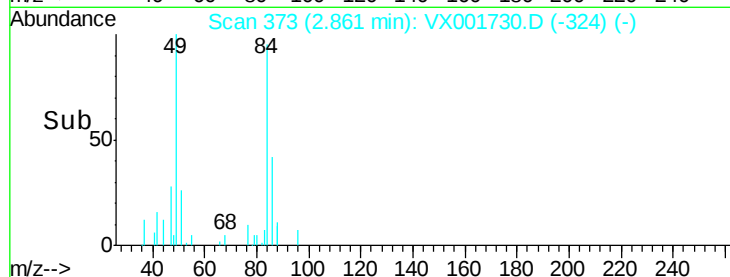
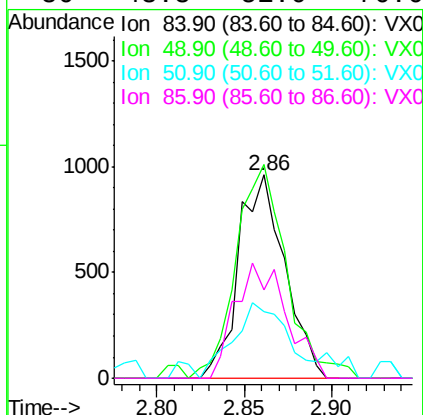
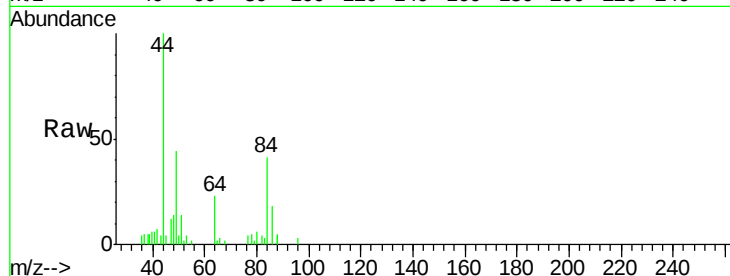


#20
Methylene Chloride
Concen: 0.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001730.D
Acq: 15 May 2018 00:57

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 84 Resp: 1782

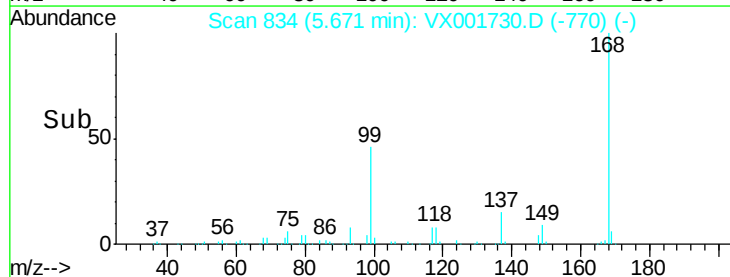
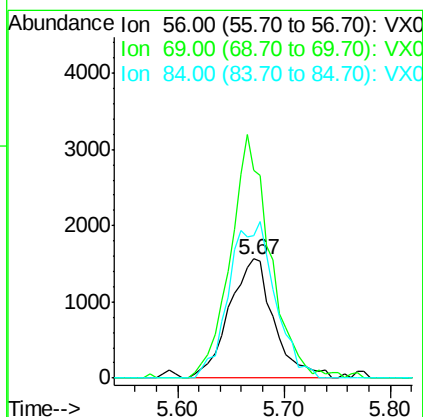
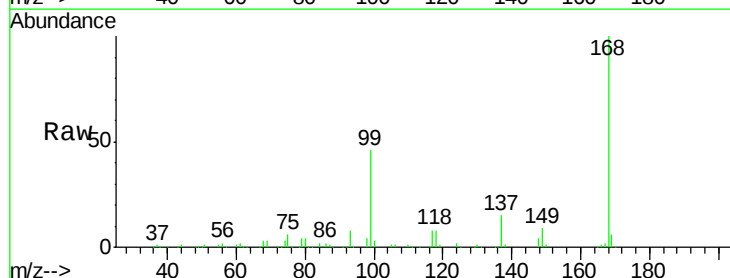
Ion	Ratio	Lower	Upper
84	100		
49	105.2	96.3	144.5
51	27.6	29.8	44.6#
86	43.8	51.0	76.6#

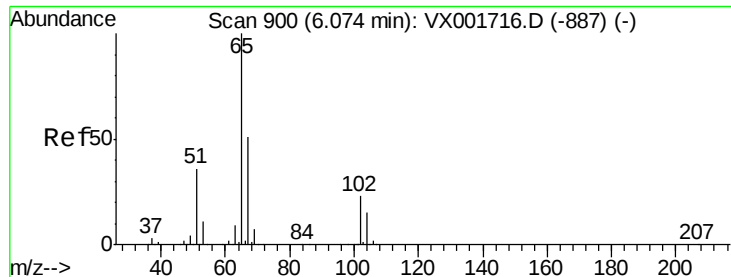


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001730.D
Acq: 15 May 2018 00:57

Tgt Ion: 56 Resp: 4604

Ion	Ratio	Lower	Upper
56	100		
69	174.5	25.0	37.6#
84	120.0	71.0	106.4#





#33

1,2-Dichloroethane-d4

Concen: 46.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

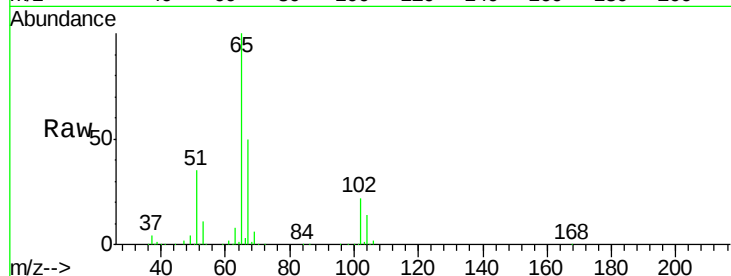
MW-02

Tgt Ion: 65 Resp: 174129

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8

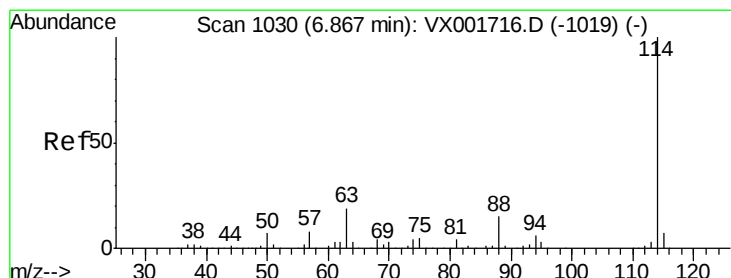
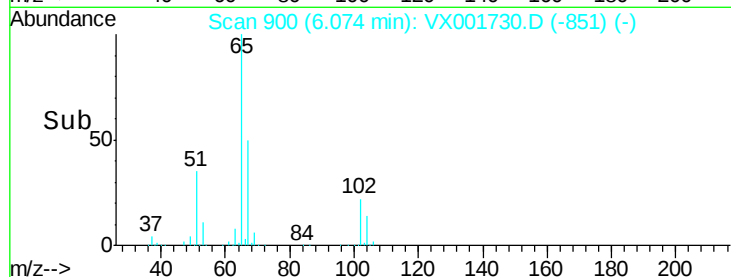


Abundance Ion 64.90 (64.60 to 65.60): VX001716.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX001716.D (-887) (-)

6.07

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

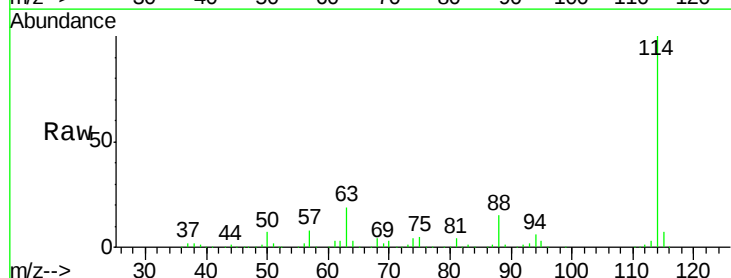
Tgt Ion: 114 Resp: 379557

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

88 15.0 0.0 29.8



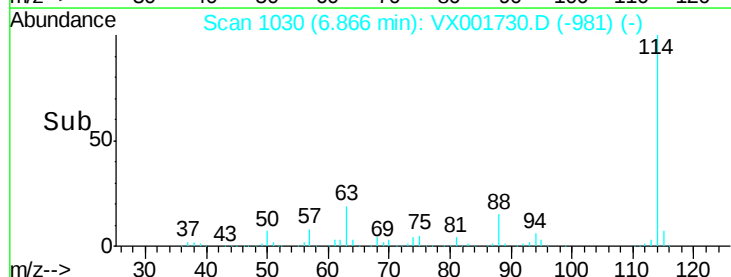
Abundance Ion 113.90 (113.60 to 114.60): VX001716.D (-1019) (-)

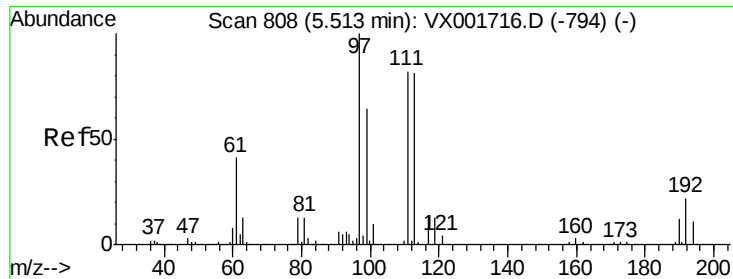
Ion 63.00 (62.70 to 63.70): VX001716.D (-1019) (-)

Ion 87.90 (87.60 to 88.60): VX001716.D (-1019) (-)

6.87

Time-->





#35

Dibromofluoromethane

Concen: 44.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

MW-02

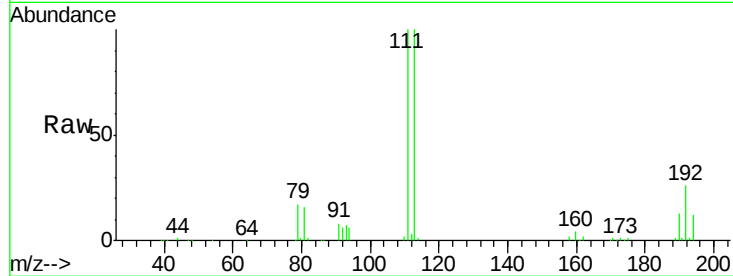
Tgt Ion:113 Resp: 143052

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

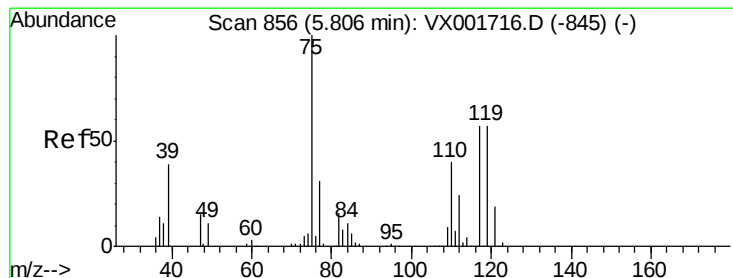
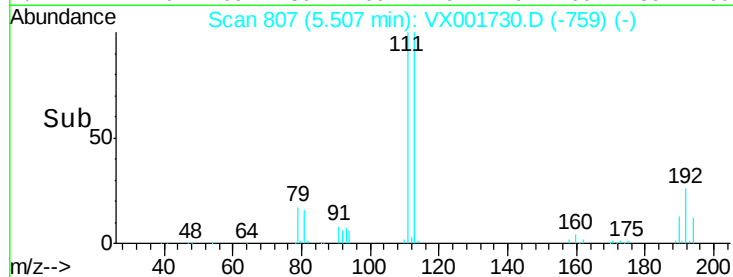
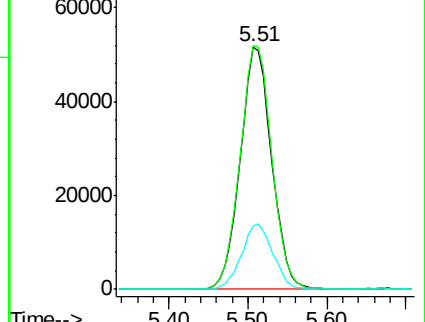
192 26.9 21.6 32.4



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: 3.88 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

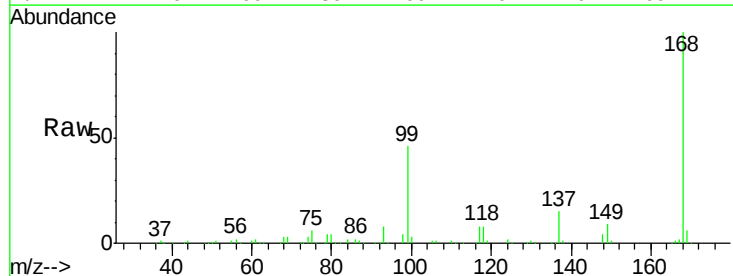
Tgt Ion: 75 Resp: 16975

Ion Ratio Lower Upper

75 100

110 9.9 19.1 57.1#

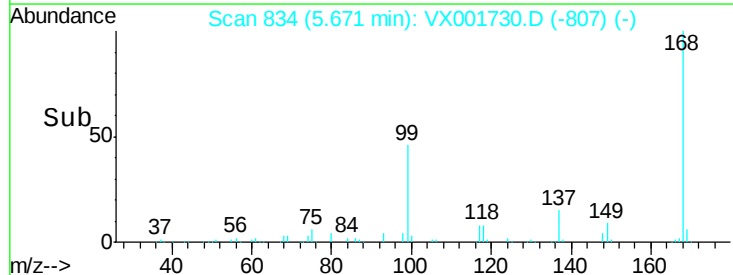
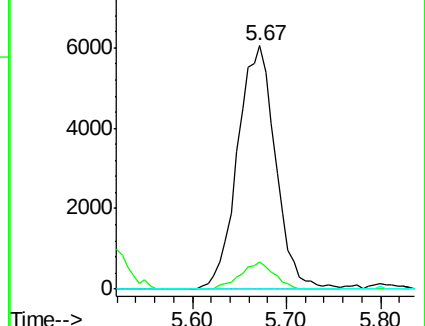
77 0.0 24.6 37.0#

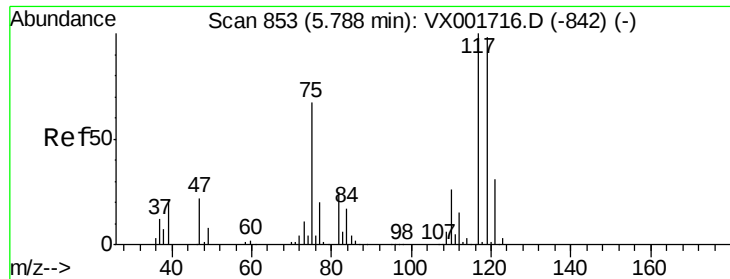


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

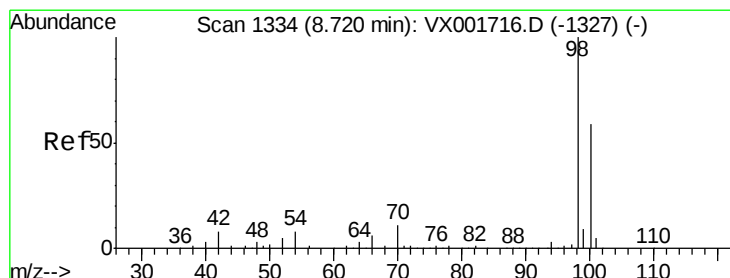
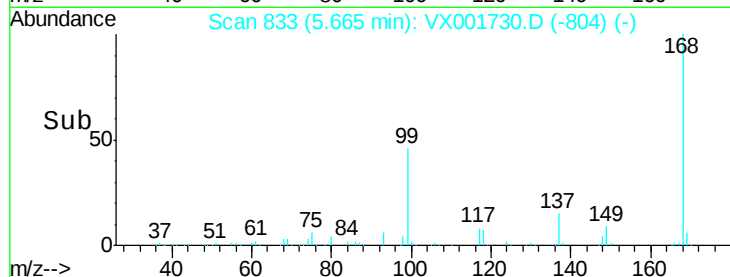
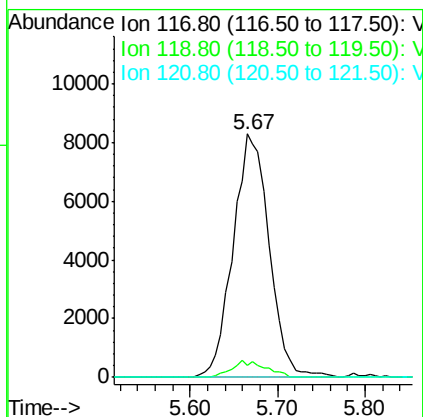
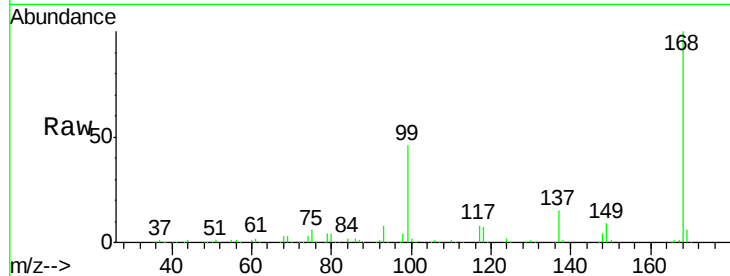




#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001730.D
Acq: 15 May 2018 00:57

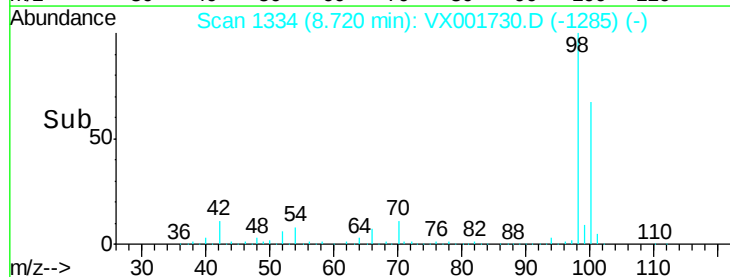
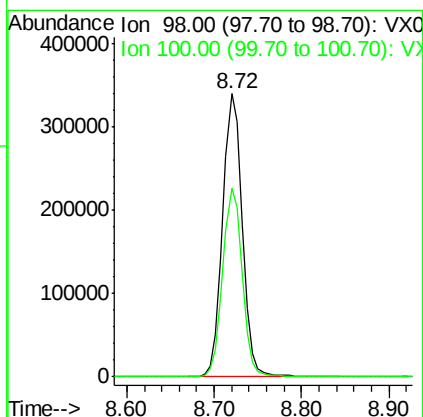
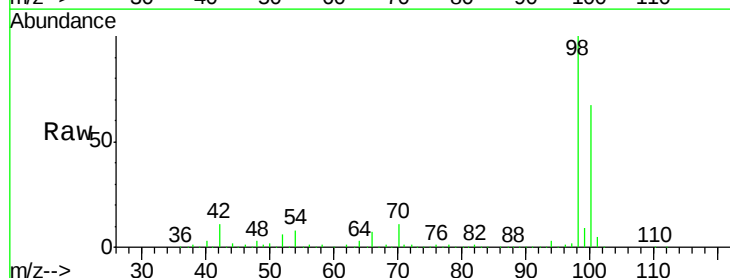
Instrument :
MSVOA_X
ClientSampled :
MW-02

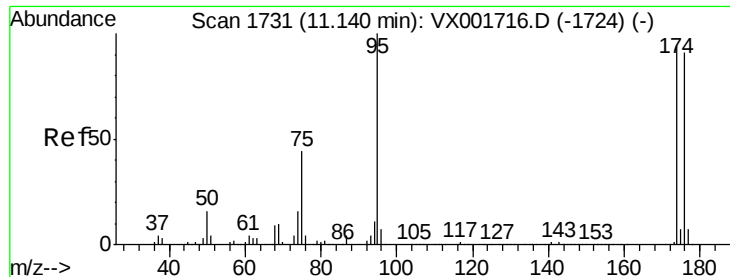
Tgt Ion: 117 Resp: 23789
Ion Ratio Lower Upper
117 100
119 4.8 77.6 116.4#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 45.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001730.D
Acq: 15 May 2018 00:57

Tgt Ion: 98 Resp: 527618
Ion Ratio Lower Upper
98 100
100 66.7 54.0 81.0

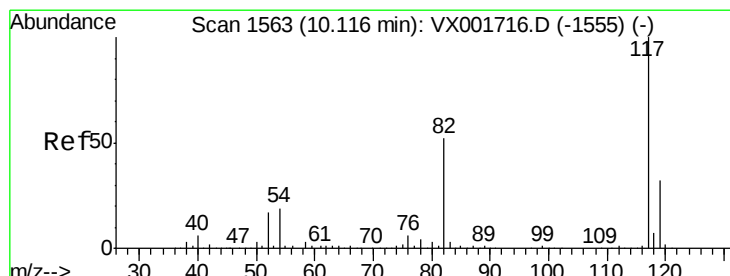
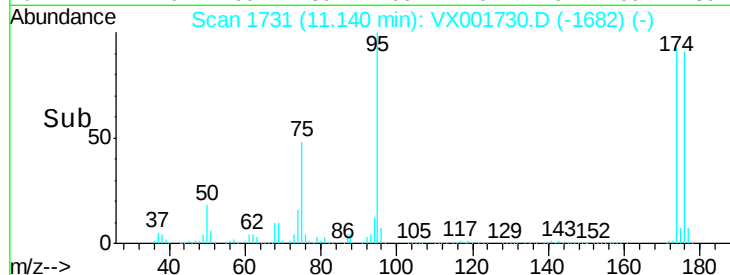
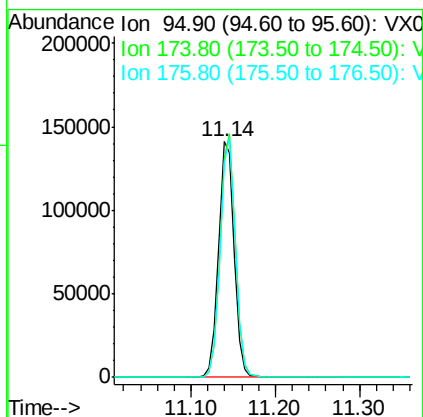
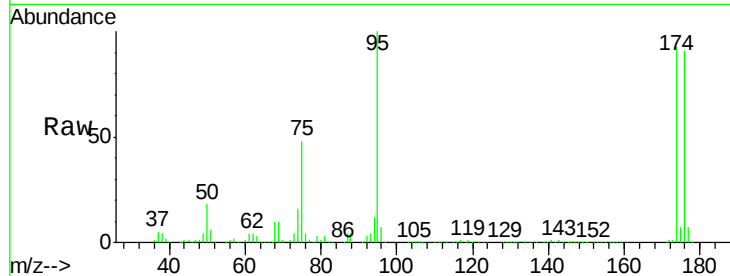




#62
4-Bromofluorobenzene
Concen: 43.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001730.D
Acq: 15 May 2018 00:57

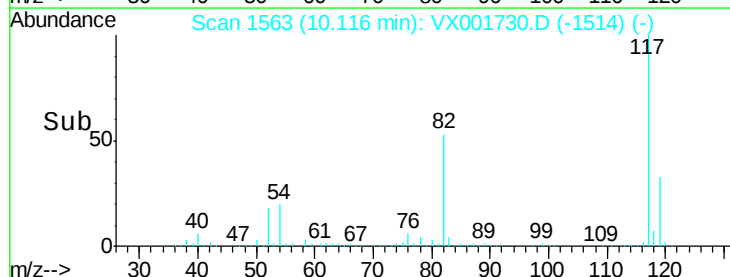
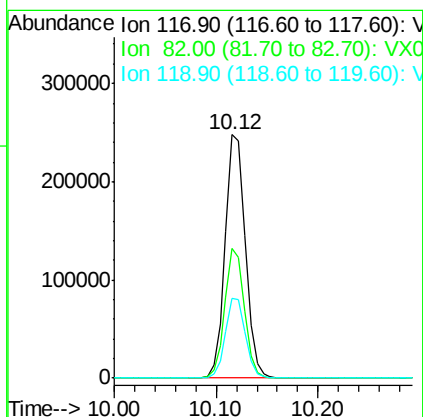
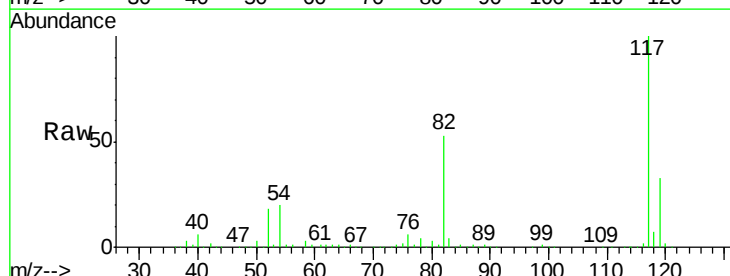
Instrument :
MSVOA_X
ClientSampleId :
MW-02

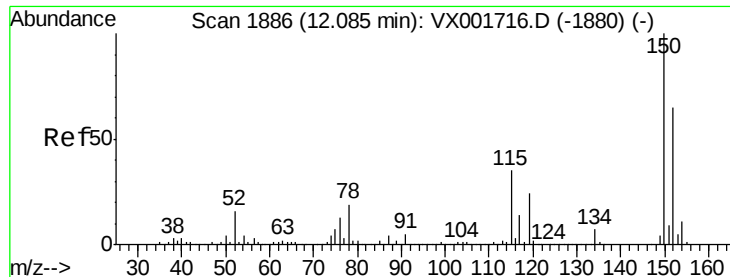
Tgt Ion: 95 Resp: 181108
Ion Ratio Lower Upper
95 100
174 101.0 0.0 201.8
176 99.1 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001730.D
Acq: 15 May 2018 00:57

Tgt Ion: 117 Resp: 341383
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.2
119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

MW-02

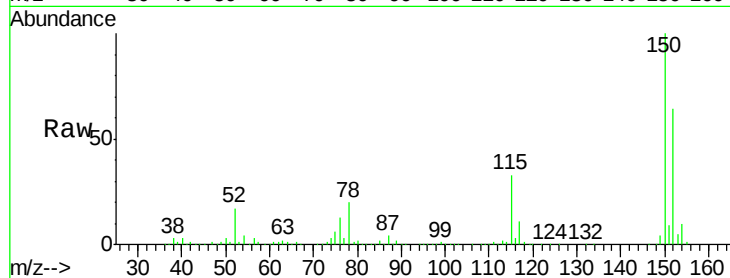
Tgt Ion:152 Resp: 211783

Ion Ratio Lower Upper

152 100

115 51.7 37.4 112.2

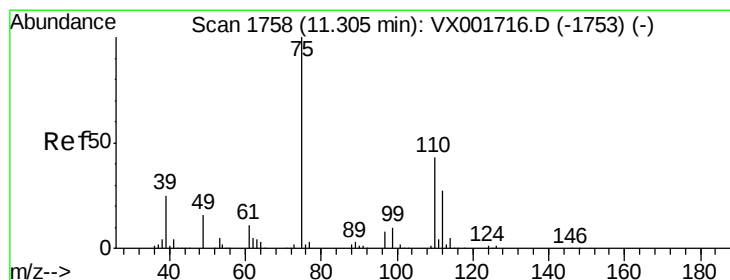
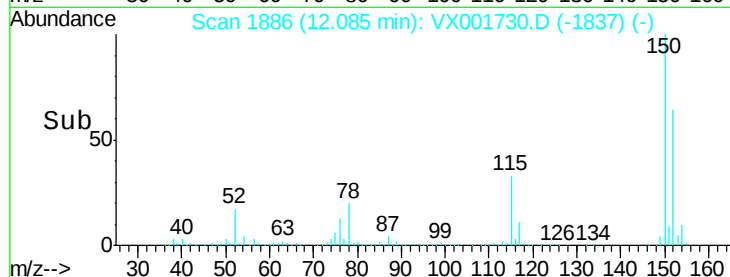
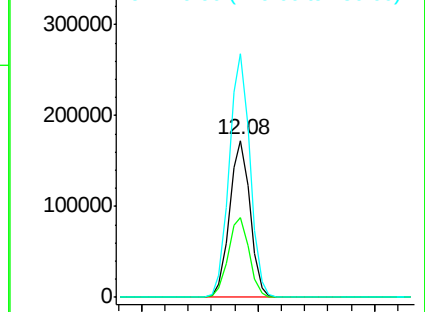
150 156.1 0.0 344.8



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: 21.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001730.D

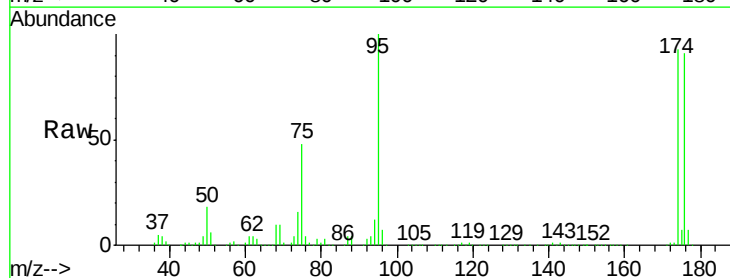
Acq: 15 May 2018 00:57

Tgt Ion: 75 Resp: 85990

Ion Ratio Lower Upper

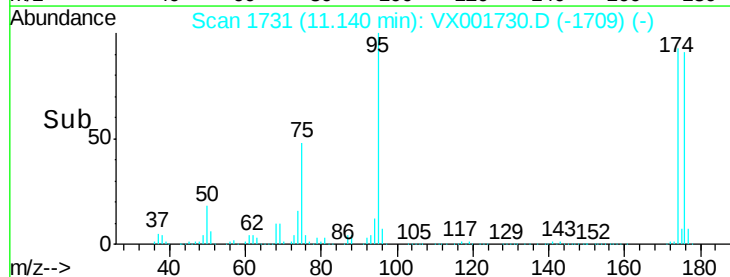
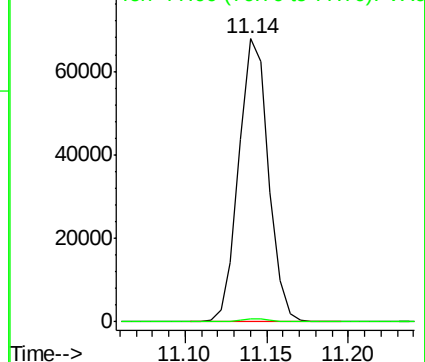
75 100

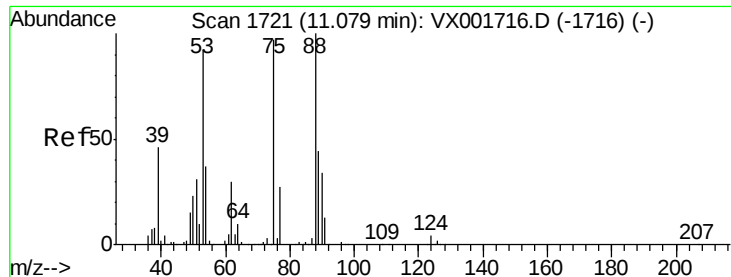
77 1.3 18.9 56.7#



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: 62.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001730.D

Acq: 15 May 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

MW-02

Tgt Ion: 75 Resp: 85990

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.2#

89 0.0 38.8 58.2#

