

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
 Data File : VX001798.D
 Acq On : 17 May 2018 18:40
 Operator : JC/MD
 Sample : J2853-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507DL

Quant Time: May 18 04:00:00 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	259105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156216	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
35) Dibromofluoromethane	5.51	113	132504	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	8.72	98	454989	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.15	95	125653	33.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.72%	

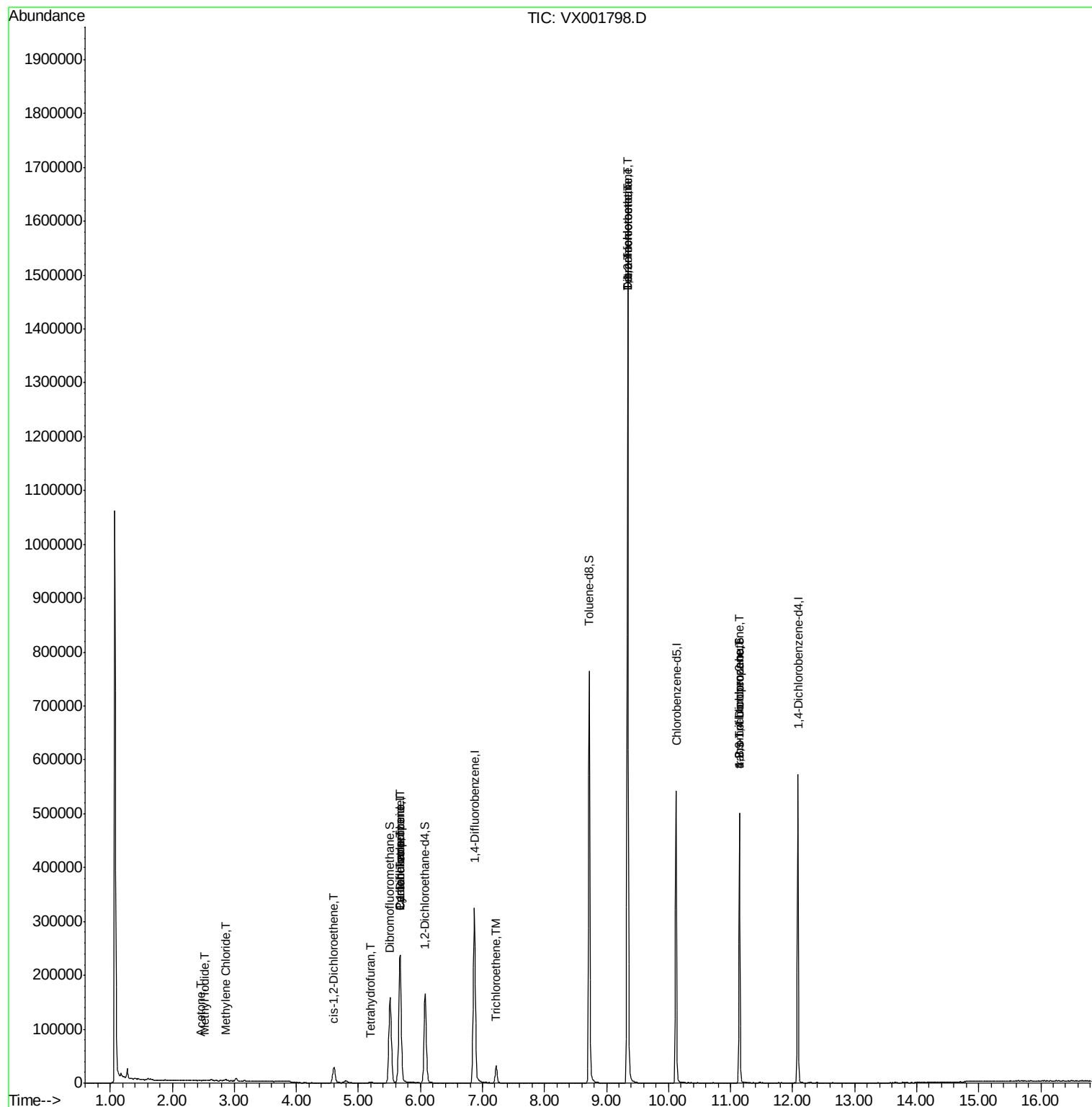
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1278	Below Cal		85
10) Methyl Iodide	2.52	142	1081	0.44 ug/l	#	92
16) Acetone	2.45	43	1141	0.84 ug/l	#	80
20) Methylene Chloride	2.86	84	1348	0.46 ug/l		91
27) cis-1,2-Dichloroethene	4.60	96	19480	6.07 ug/l		96
29) Tetrahydrofuran	5.18	42	551	0.40 ug/l	#	51
31) Cyclohexane	5.67	56	3909	0.90 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	14596	3.66 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	21513	5.15 ug/l	#	17
44) Trichloroethene	7.22	130	13115	3.60 ug/l		99
55) 1,1,2-Trichloroethane	9.34	97	2302	0.80 ug/l	#	1
60) Dibromochloromethane	9.34	129	294211	99.65 ug/l	#	11
64) Tetrachloroethene	9.34	164	359705	102.04 ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	58971	24.90 ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	58971	72.60 ug/l	#	10

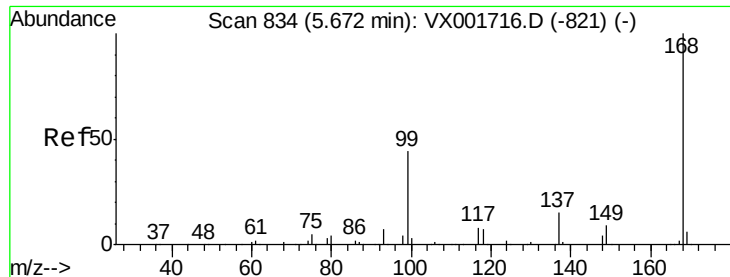
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
Data File : VX001798.D
Acq On : 17 May 2018 18:40
Operator : JC/MD
Sample : J2853-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW336-180507DL

Quant Time: May 18 04:00:00 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

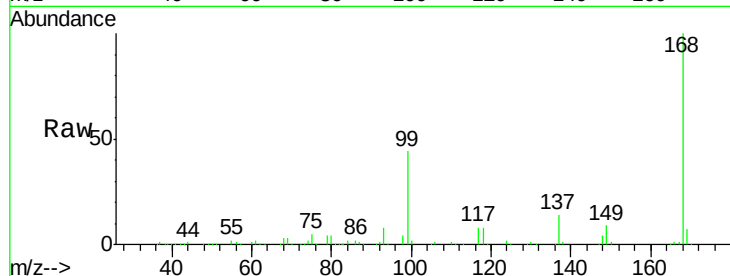
ST008MW336-180507DL

Tgt Ion:168 Resp: 259105

Ion Ratio Lower Upper

168 100

99 44.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

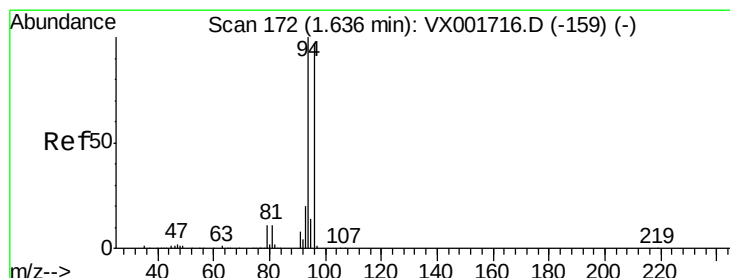
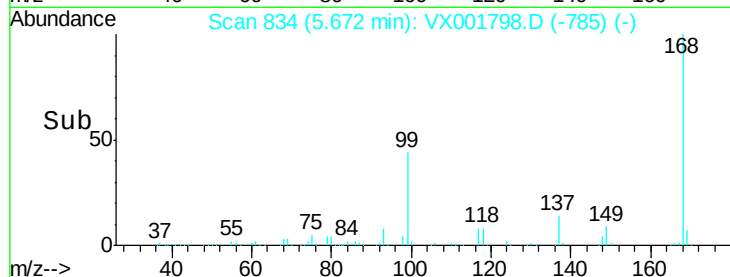
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001798.D

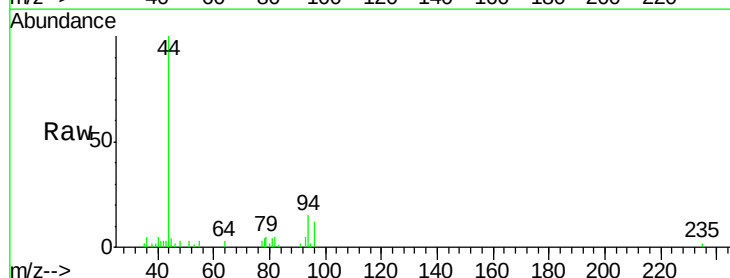
Acq: 17 May 2018 18:40

Tgt Ion: 94 Resp: 1278

Ion Ratio Lower Upper

94 100

96 81.5 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

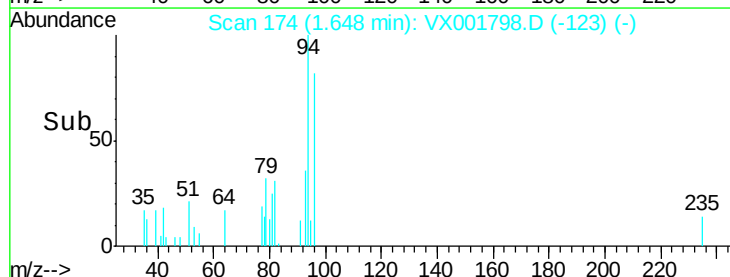
600

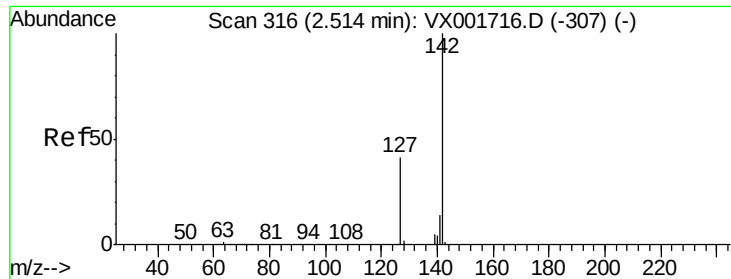
400

200

0

Time-->

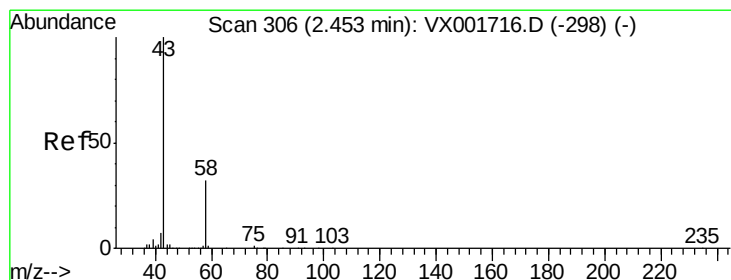
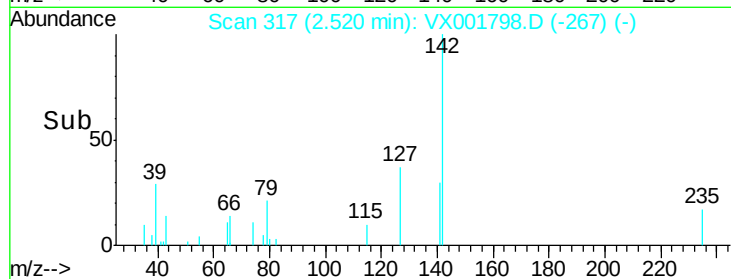
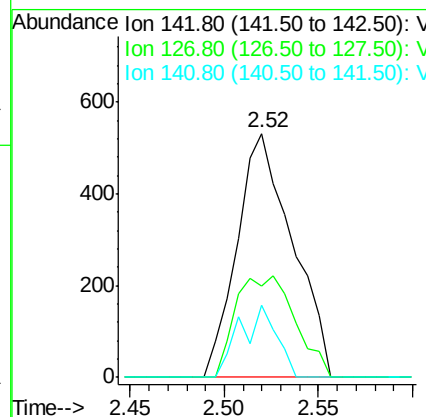
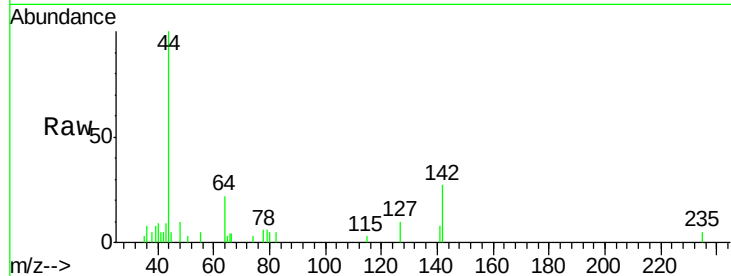




#10
Methyl Iodide
Concen: 0.44 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001798.D
Acq: 17 May 2018 18:40

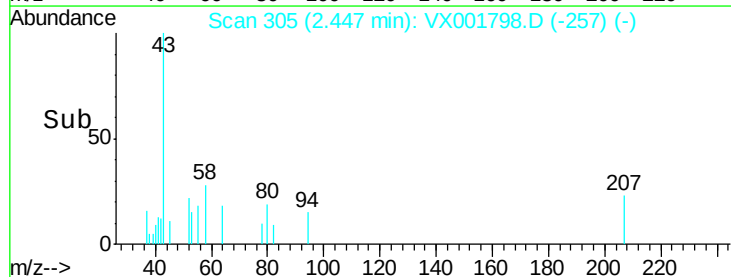
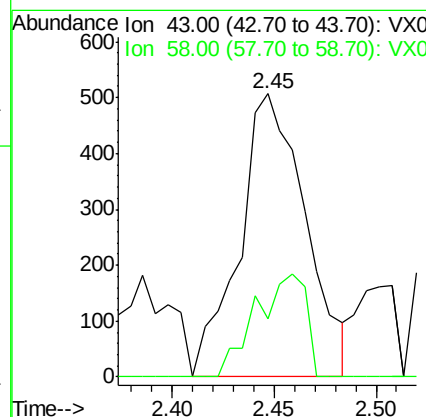
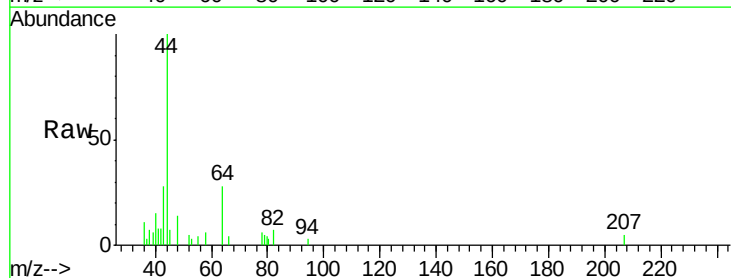
Instrument :
MSVOA_X
ClientSampleId :
ST008MW336-180507DL

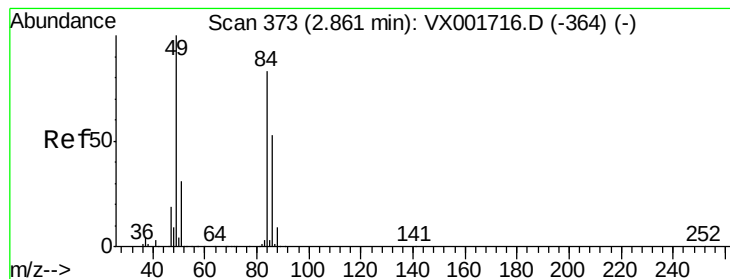
Tgt Ion: 142 Resp: 1081
Ion Ratio Lower Upper
142 100
127 44.5 32.5 48.7
141 19.6 11.4 17.0#



#16
Acetone
Concen: 0.84 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001798.D
Acq: 17 May 2018 18:40

Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 20.5 25.3 37.9#





#20

Methylene Chloride

Concen: 0.46 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

ST008MW336-180507DL

Tgt Ion: 84 Resp: 1348

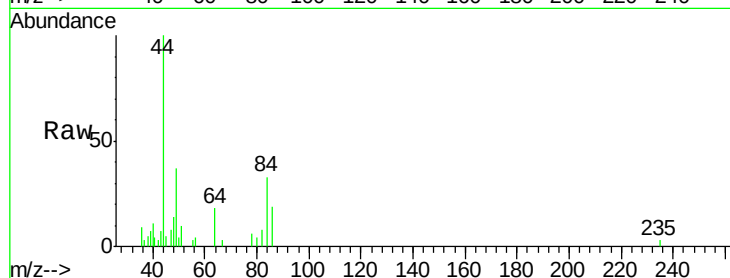
Ion Ratio Lower Upper

84 100

49 111.0 96.3 144.5

51 31.3 29.8 44.6

86 57.4 51.0 76.6

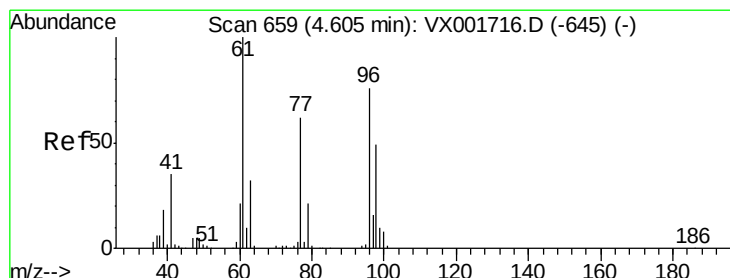
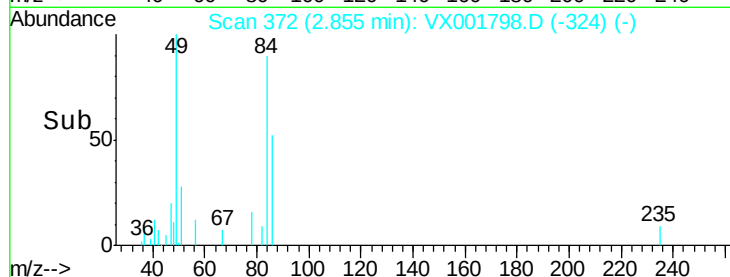
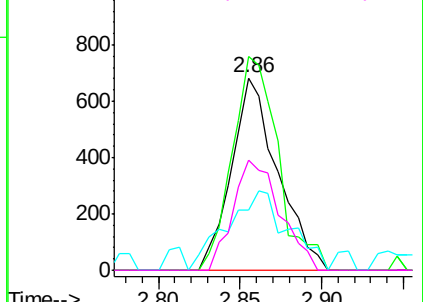


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.07 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

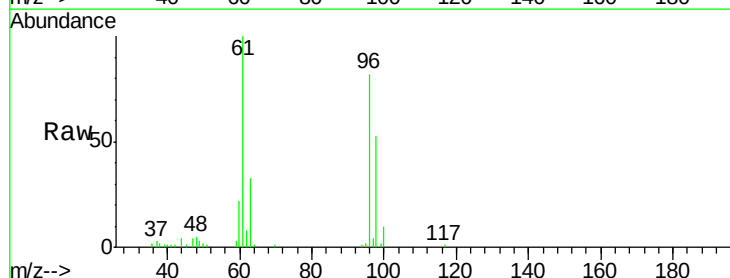
Tgt Ion: 96 Resp: 19480

Ion Ratio Lower Upper

96 100

61 133.7 0.0 280.4

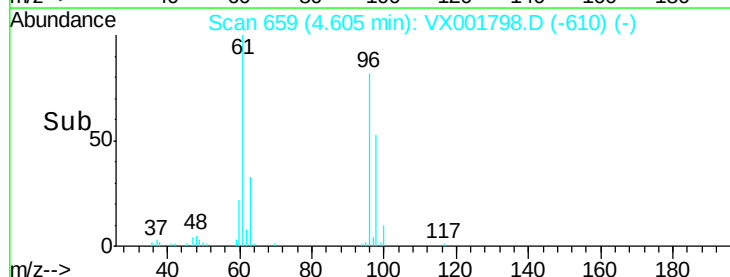
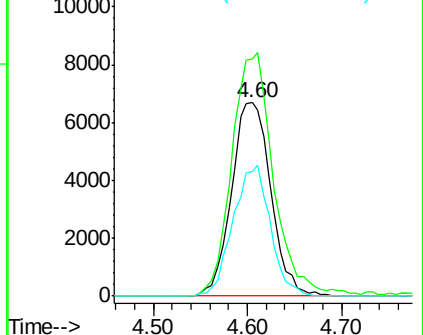
98 64.2 0.0 128.4

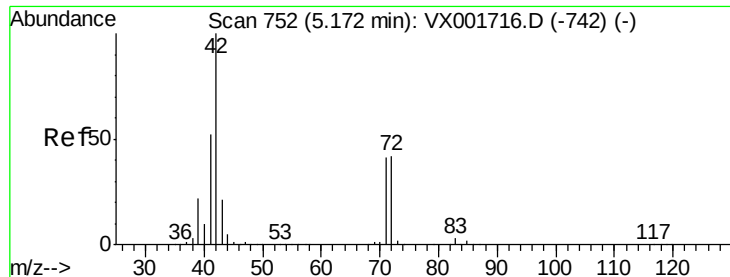


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

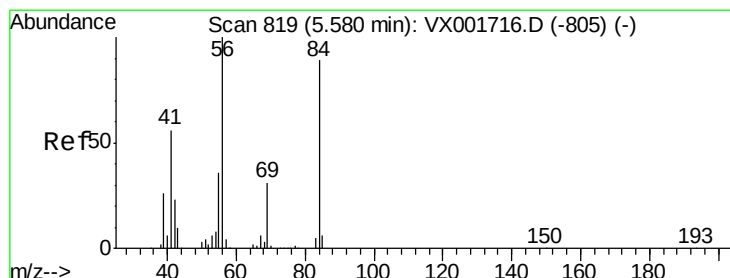
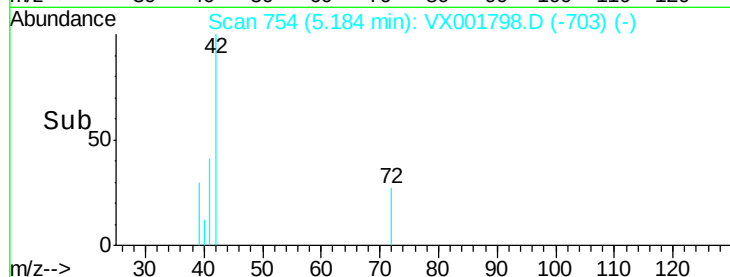
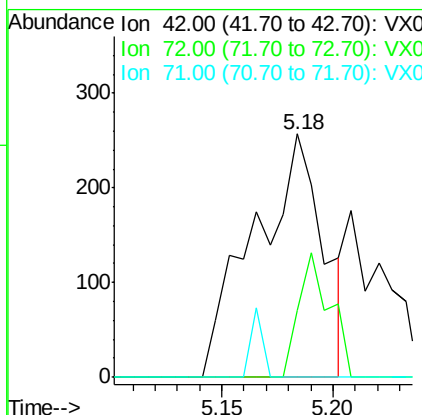
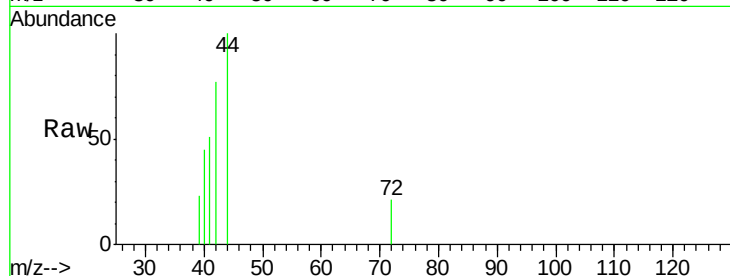
Instrument :

MSVOA_X

ClientSampleId :

ST008MW336-180507DL

Tgt Ion:	42	Resp:	551
Ion	Ratio	Lower	Upper
42	100		
72	23.2	35.4	53.2#
71	0.0	33.2	49.8#



#31

Cyclohexane

Concen: 0.90 ug/l

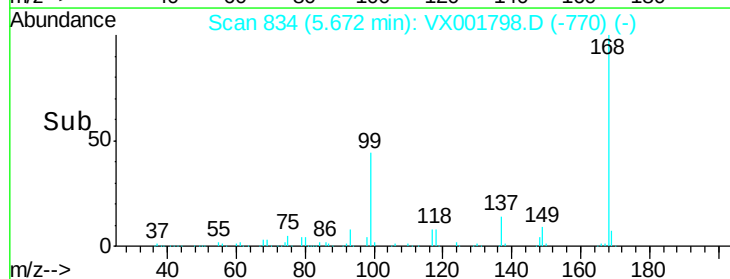
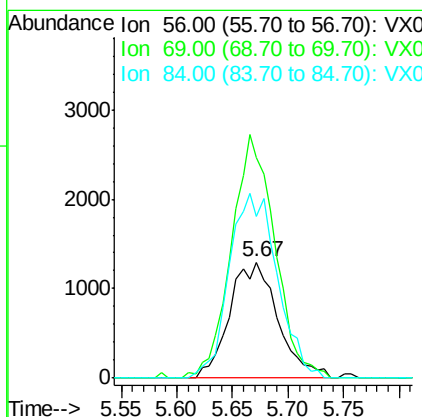
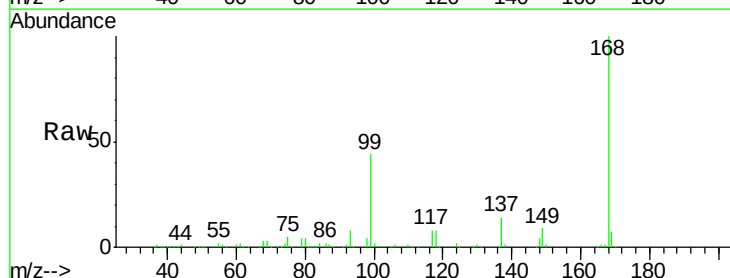
RT: 5.67 min Scan# 834

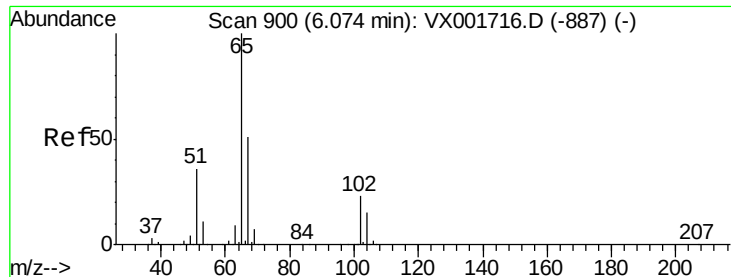
Delta R.T. 0.09 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

Tgt Ion:	56	Resp:	3909
Ion	Ratio	Lower	Upper
56	100		
69	190.2	25.0	37.6#
84	139.9	71.0	106.4#

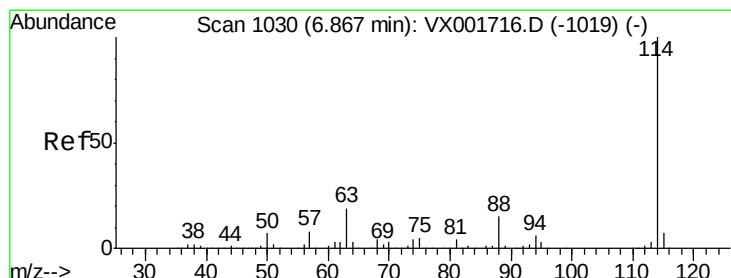
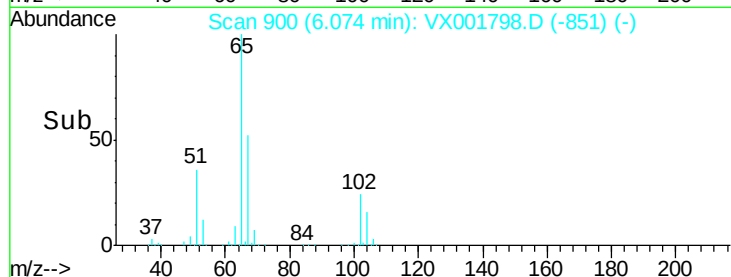
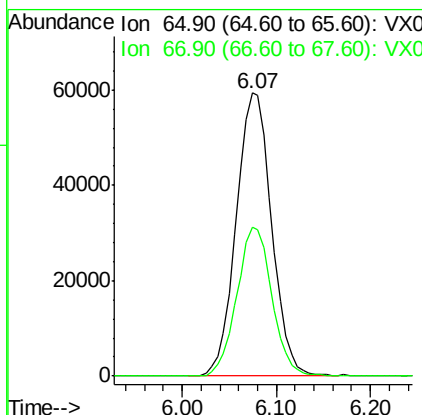
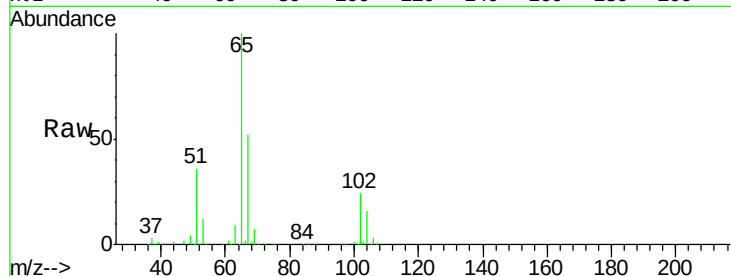




#33
 1,2-Dichloroethane-d4
 Concen: 44.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001798.D
 Acq: 17 May 2018 18:40

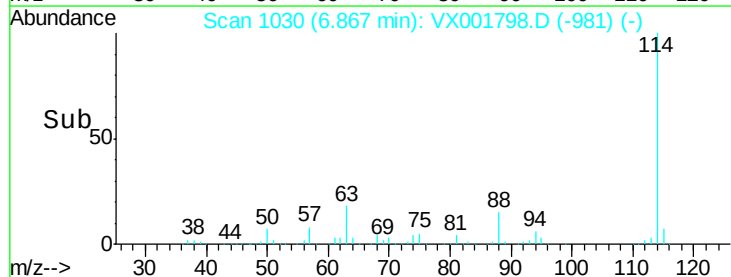
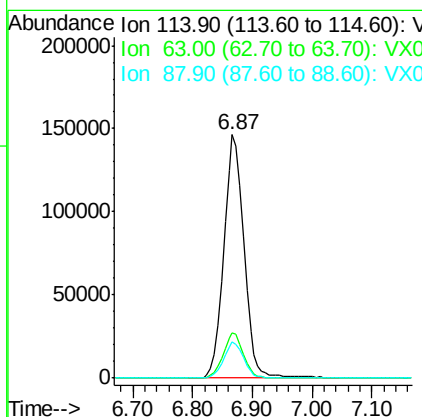
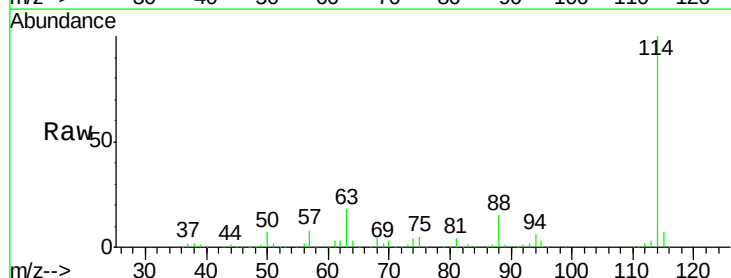
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507DL

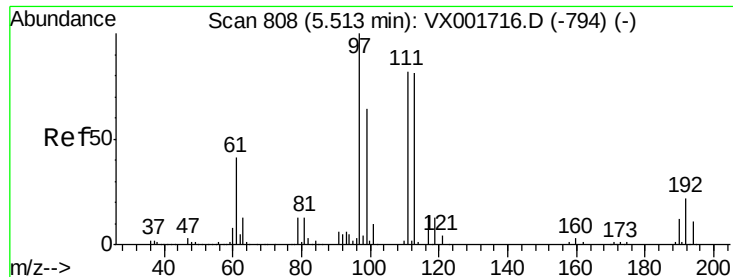
Tgt Ion: 65 Resp: 156216
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001798.D
 Acq: 17 May 2018 18:40

Tgt Ion: 114 Resp: 346103
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 14.8 0.0 29.8

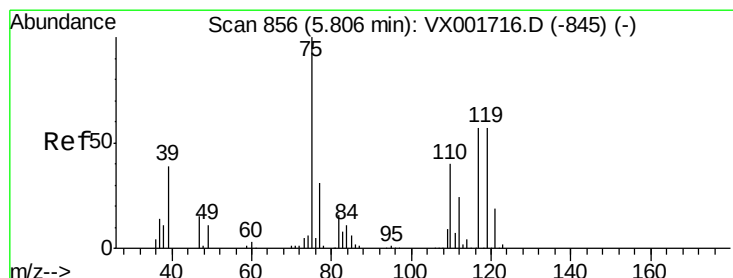
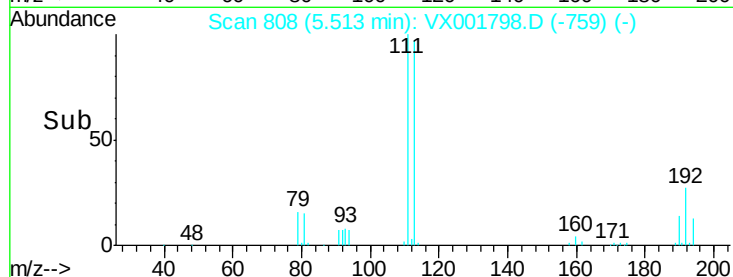
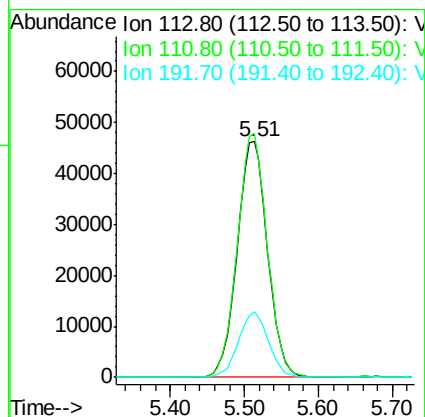
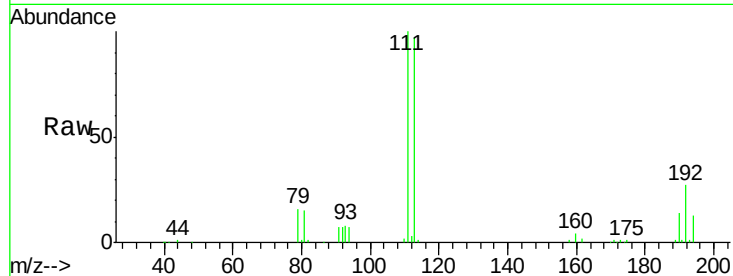




#35
 Dibromofluoromethane
 Concen: 45.37 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001798.D
 Acq: 17 May 2018 18:40

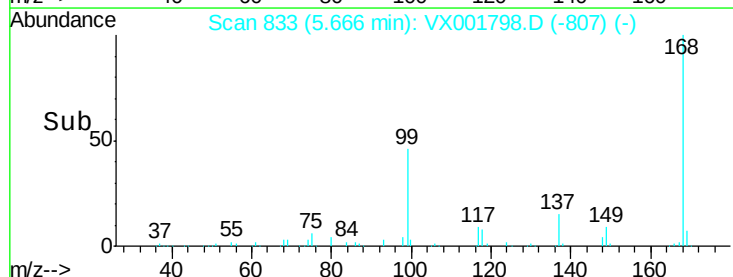
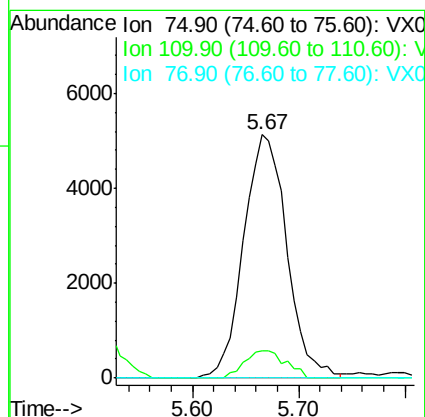
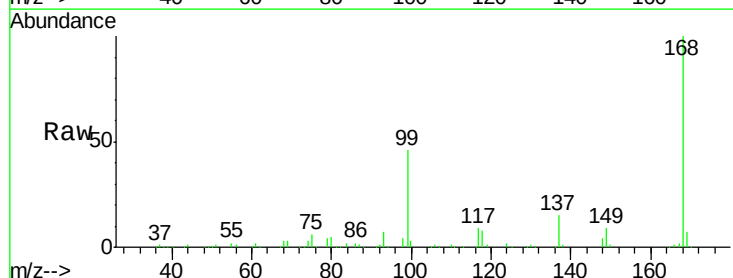
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507DL

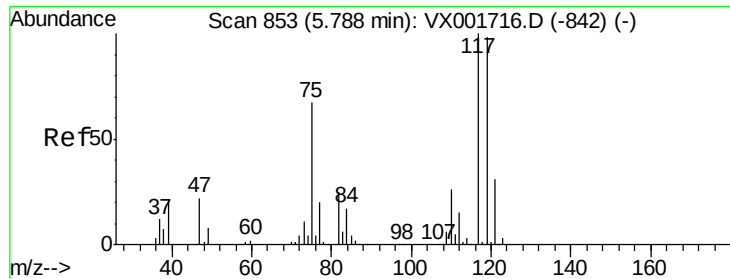
Tgt Ion:113 Resp: 132504
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 27.4 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001798.D
 Acq: 17 May 2018 18:40

Tgt Ion: 75 Resp: 14596
 Ion Ratio Lower Upper
 75 100
 110 10.8 19.1 57.1#
 77 0.0 24.6 37.0#

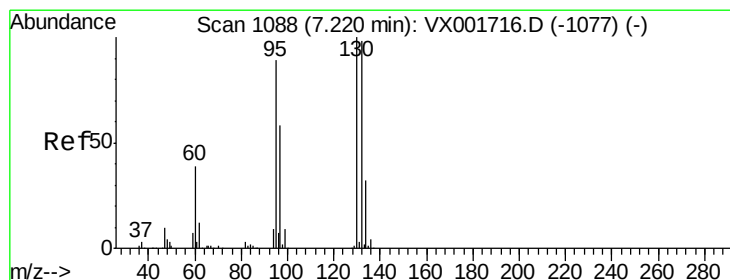
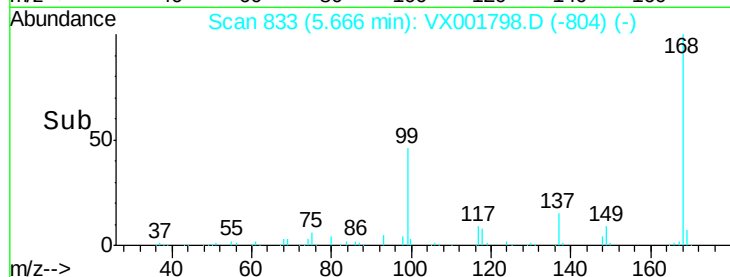
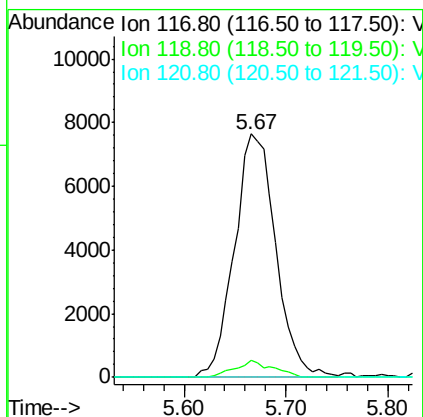
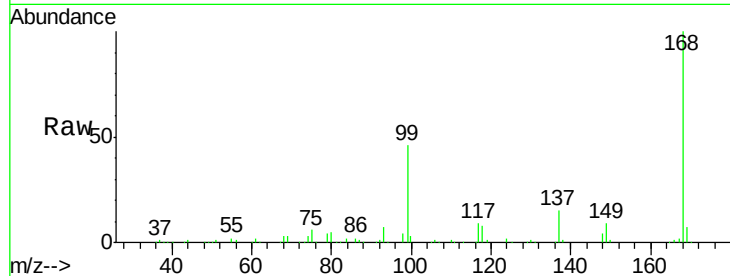




#38
 Carbon Tetrachloride
 Concen: 5.15 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001798.D
 Acq: 17 May 2018 18:40

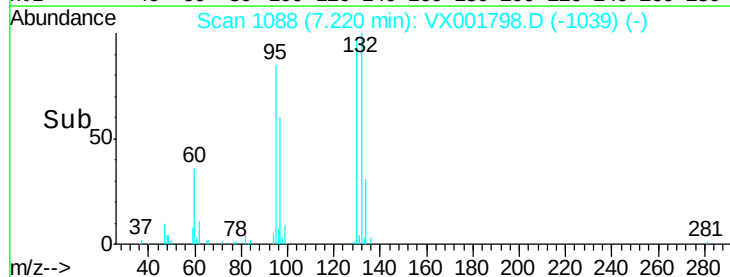
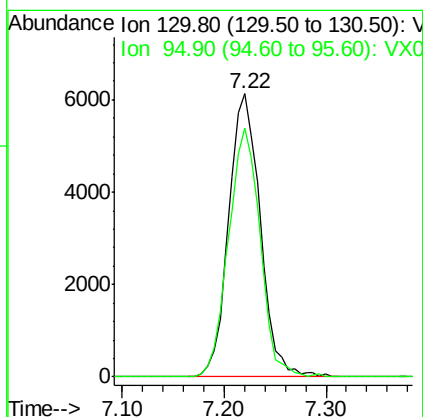
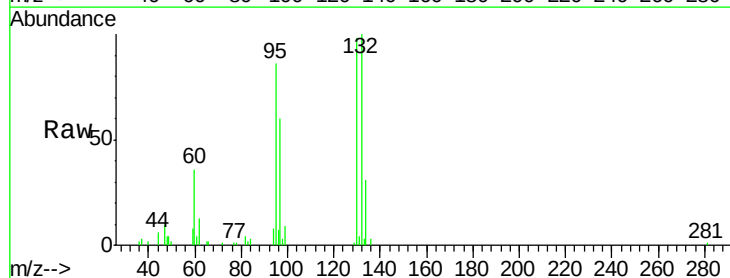
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507DL

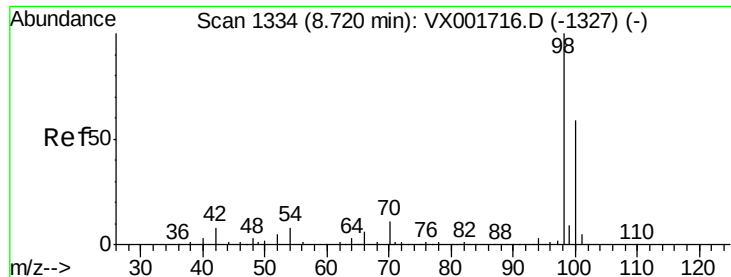
Tgt Ion:117 Resp: 21513
 Ion Ratio Lower Upper
 117 100
 119 6.7 77.6 116.4#
 121 0.0 24.6 36.8#



#44
 Trichloroethene
 Concen: 3.60 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001798.D
 Acq: 17 May 2018 18:40

Tgt Ion:130 Resp: 13115
 Ion Ratio Lower Upper
 130 100
 95 88.1 0.0 177.2

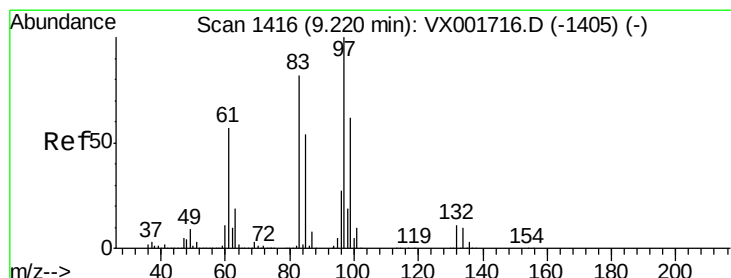
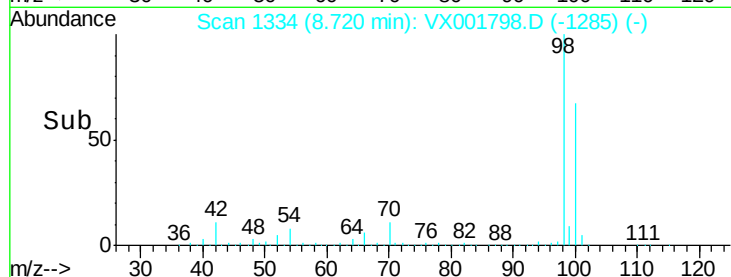
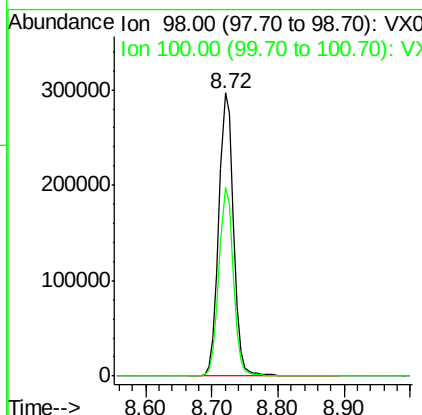
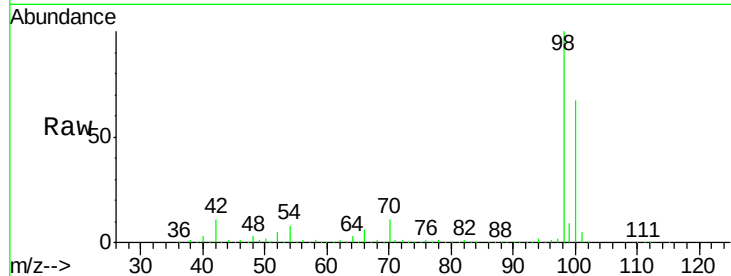




#50
Toluene-d8
Concen: 43.49 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001798.D
Acq: 17 May 2018 18:40

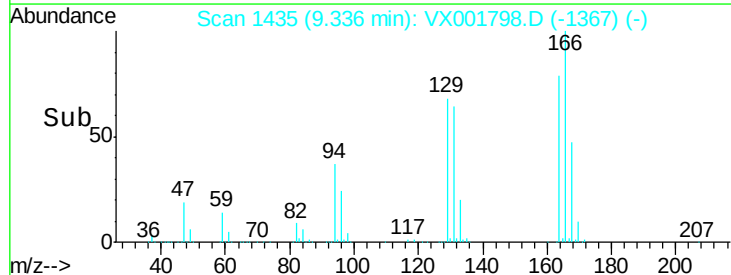
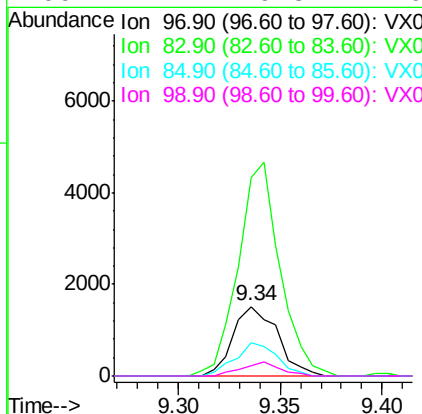
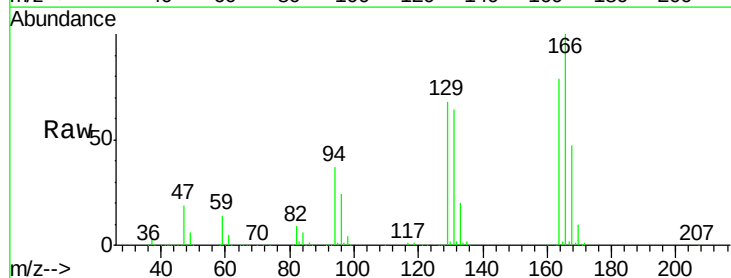
Instrument :
MSVOA_X
ClientSampleId :
ST008MW336-180507DL

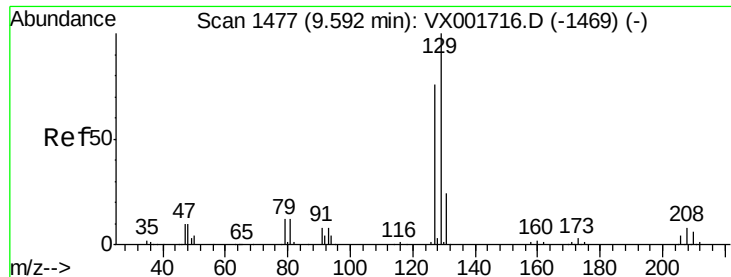
Tgt Ion: 98 Resp: 454989
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0



#55
1,1,2-Trichloroethane
Concen: 0.80 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.12 min
Lab File: VX001798.D
Acq: 17 May 2018 18:40

Tgt Ion: 97 Resp: 2302
Ion Ratio Lower Upper
97 100
83 283.7 65.8 98.8#
85 47.5 43.4 65.0
99 14.7 49.8 74.6#





#60

Dibromochloromethane

Concen: 99.65 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

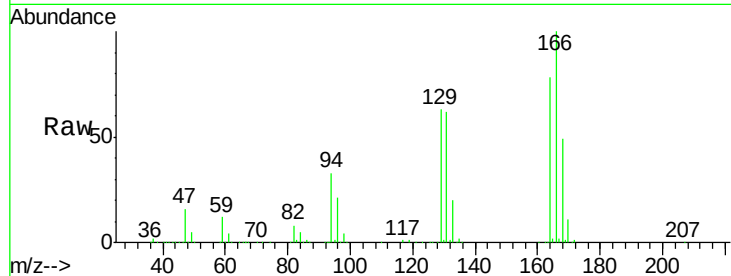
ST008MW336-180507DL

Tgt Ion:129 Resp: 294211

Ion Ratio Lower Upper

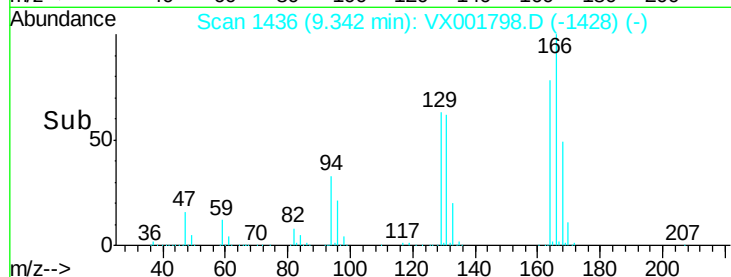
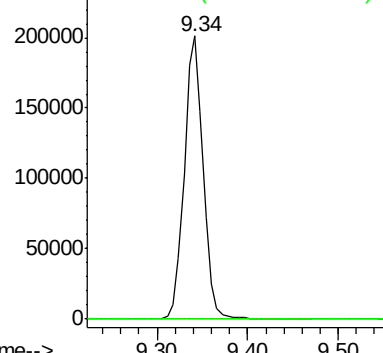
129 100

127 0.0 38.7 116.1#

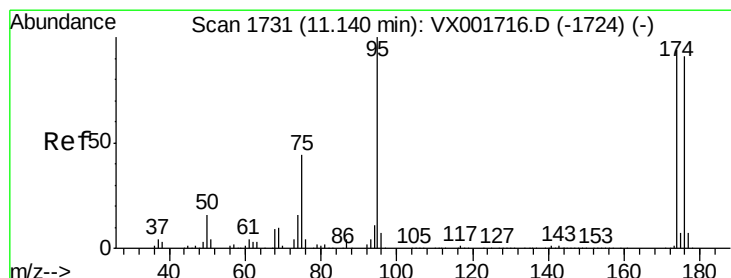


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 33.36 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

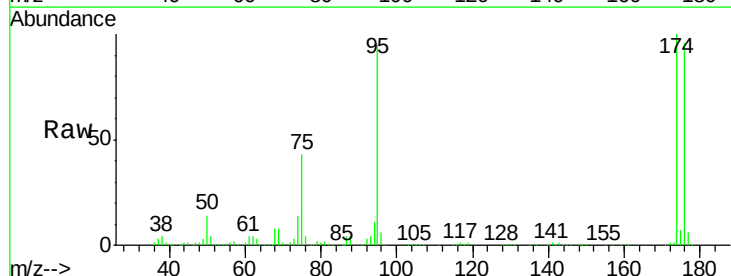
Tgt Ion: 95 Resp: 125653

Ion Ratio Lower Upper

95 100

174 103.3 0.0 201.8

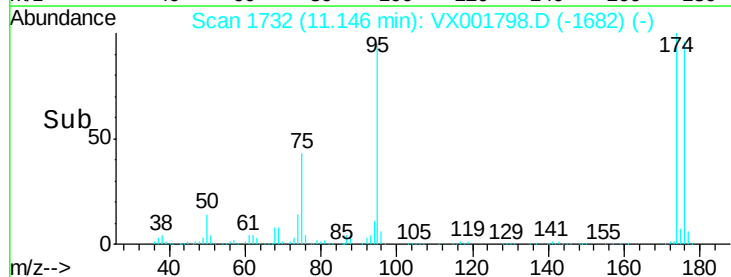
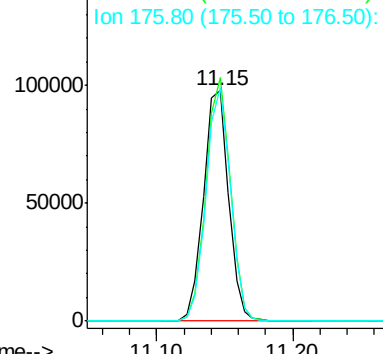
176 98.9 0.0 196.8



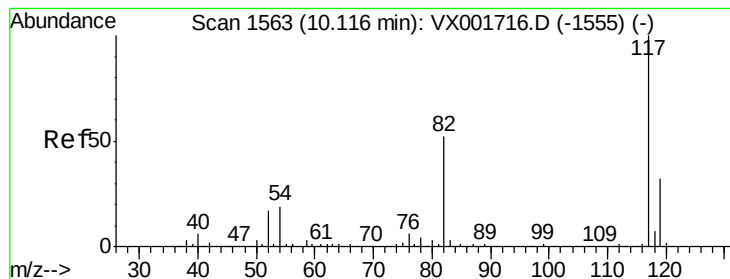
Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1564

Delta R.T. 0.01 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleID :

ST008MW336-180507DL

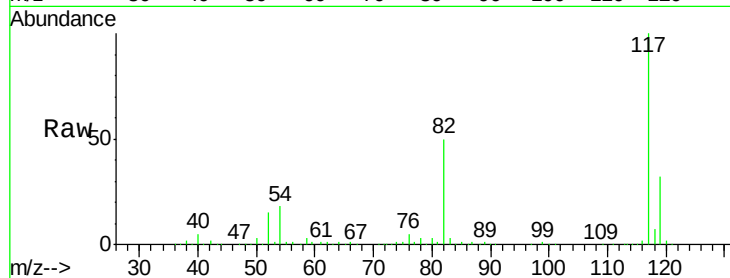
Tgt Ion:117 Resp: 270785

Ion Ratio Lower Upper

117 100

82 49.6 41.4 62.2

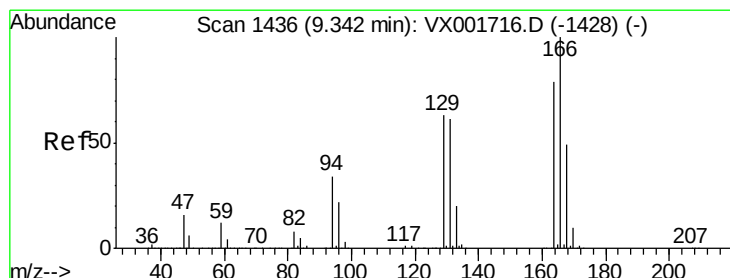
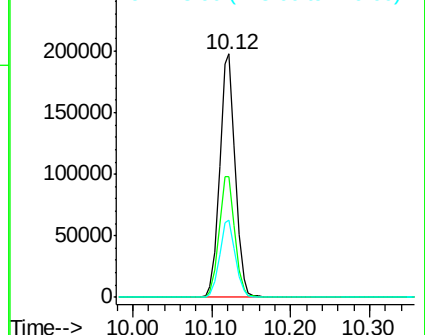
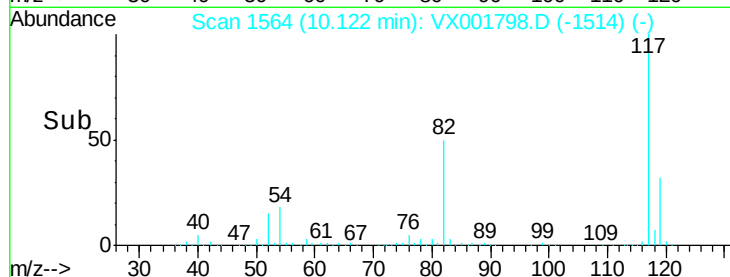
119 31.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 102.04 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001798.D

Acq: 17 May 2018 18:40

Tgt Ion:164 Resp: 359705

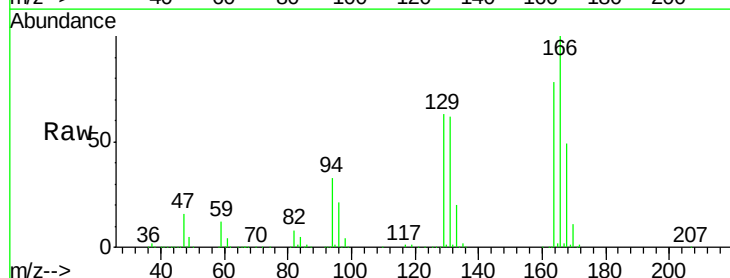
Ion Ratio Lower Upper

164 100

166 127.5 101.8 152.8

129 80.9 63.8 95.6

131 79.6 62.2 93.2

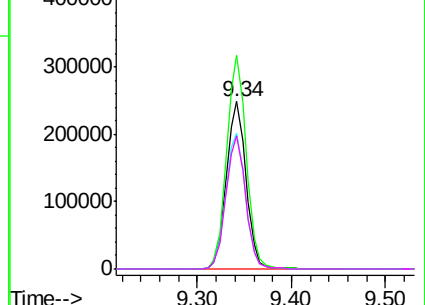
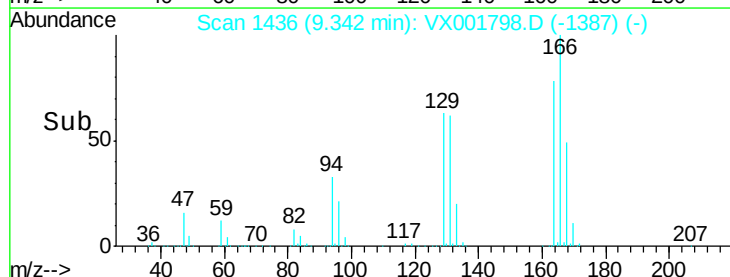


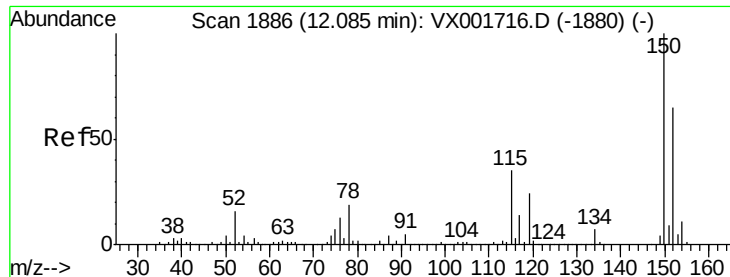
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX001798.D

Acq: 17 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

ST008MW336-180507DL

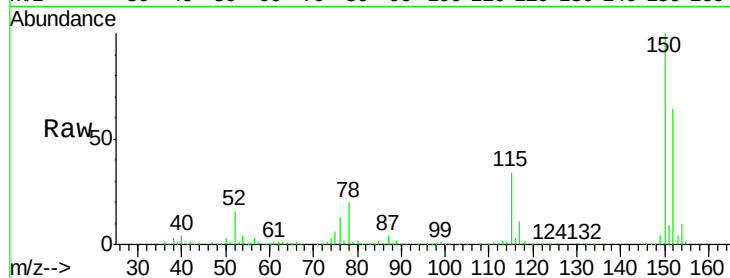
Tgt Ion:152 Resp: 124544

Ion Ratio Lower Upper

152 100

115 52.6 37.4 112.2

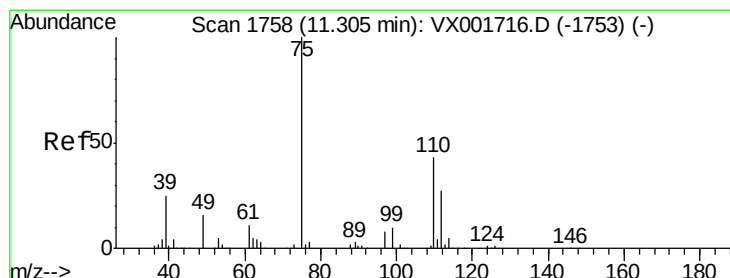
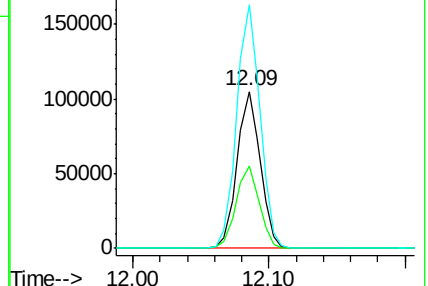
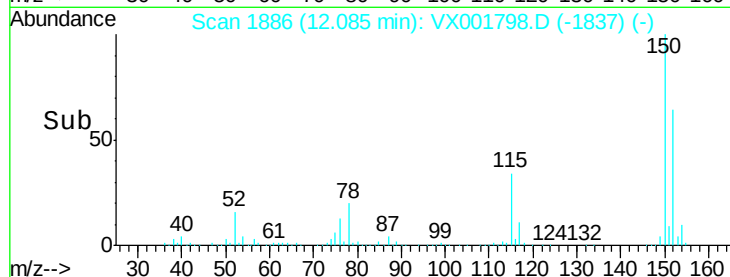
150 156.4 0.0 344.8



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: 24.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001798.D

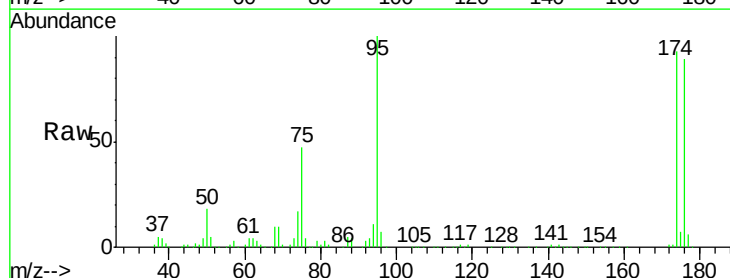
Acq: 17 May 2018 18:40

Tgt Ion: 75 Resp: 58971

Ion Ratio Lower Upper

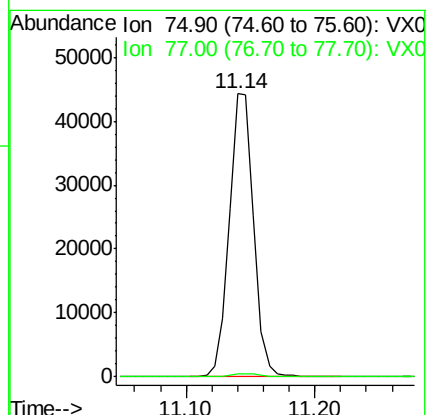
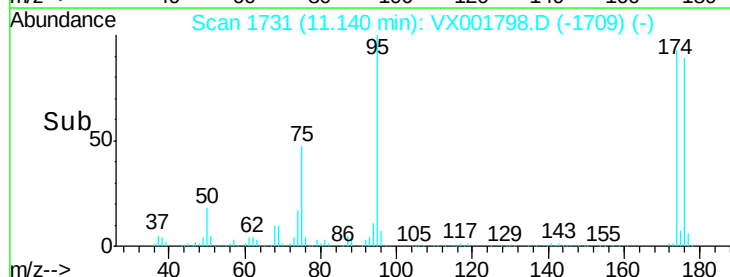
75 100

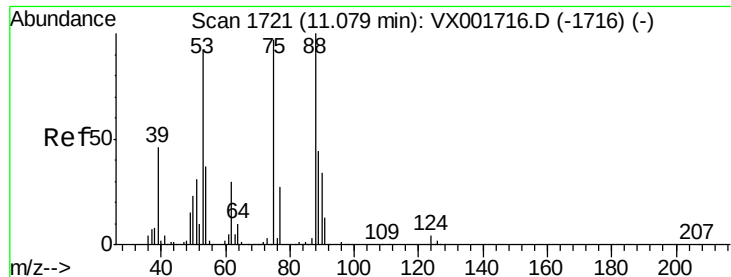
77 1.3 18.9 56.7#



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: 72.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001798.D

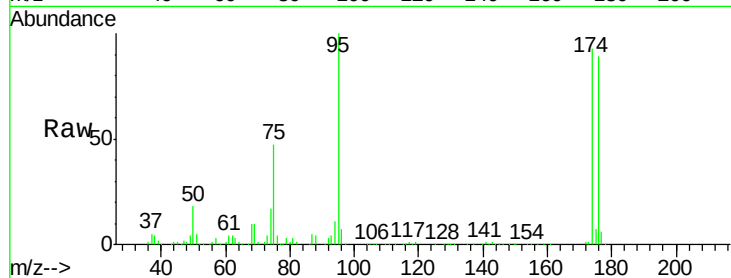
Acq: 17 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

ST008MW336-180507DL



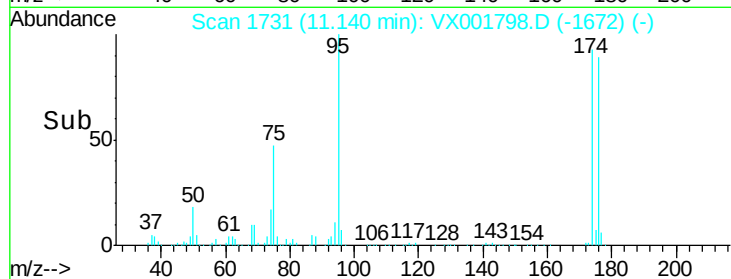
Tgt Ion: 75 Resp: 58971

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.2#

89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

