

Data File : VX001748.D

Acq On : 15 May 2018 16:29

Operator : JC/MD

Sample : J2856-06

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-DUPLICATE

Quant Time: May 16 04:12:33 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	251839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161844	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.51	113	132405	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.72	98	441643	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
62) 4-Bromofluorobenzene	11.15	95	141047	38.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.76%	

Target Compounds

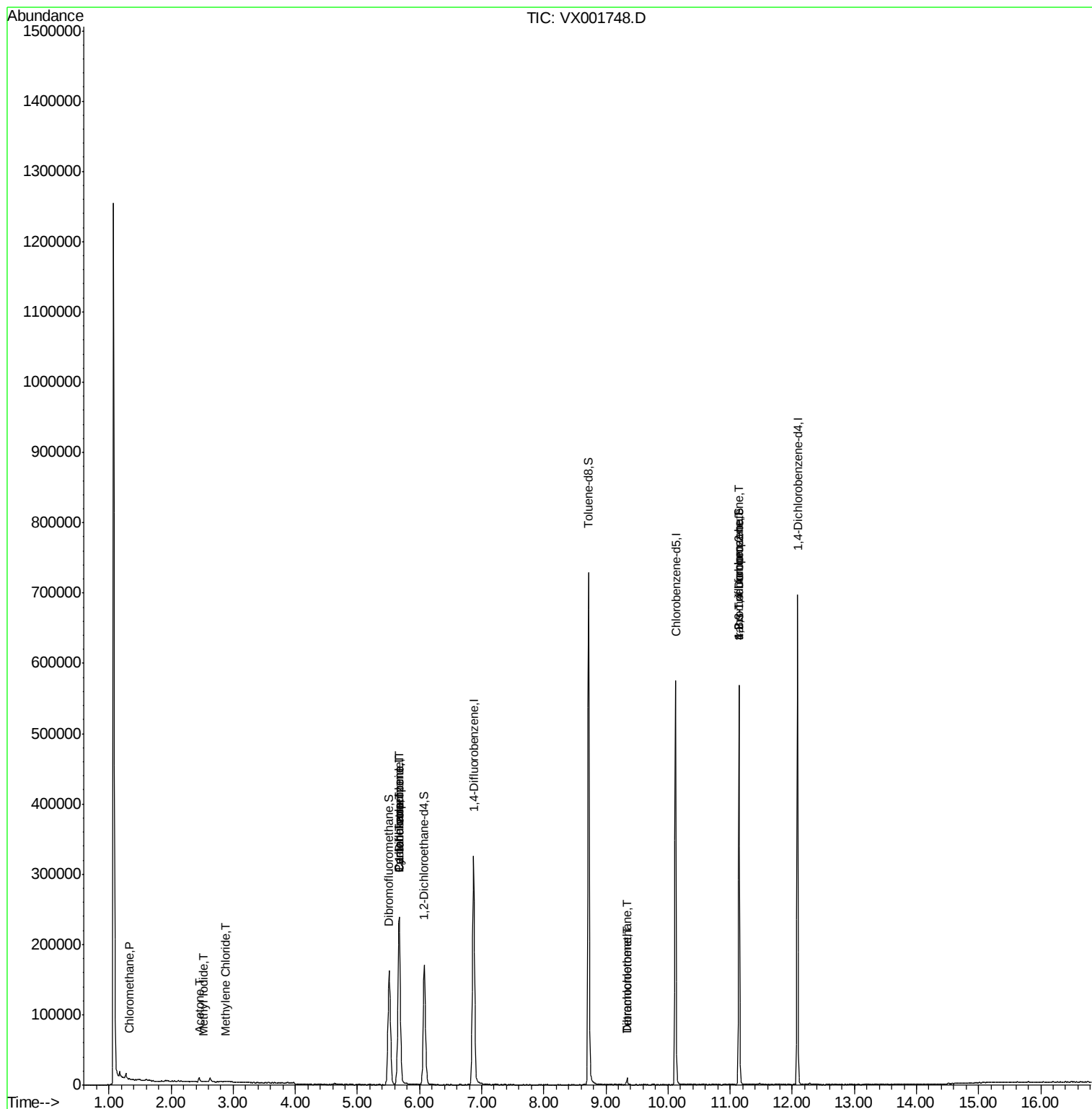
						Qvalue
3) Chloromethane	1.32	50	890	0.33	ug/l	89
5) Bromomethane	1.65	94	1259	Below	Cal	84
10) Methyl Iodide	2.52	142	1049	0.44	ug/l #	92
16) Acetone	2.45	43	5710	4.31	ug/l	99
20) Methylene Chloride	2.87	84	633	0.22	ug/l #	78
31) Cyclohexane	5.67	56	4301	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15632	4.02	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21504	5.28	ug/l #	15
60) Dibromochloromethane	9.34	129	1730	0.60	ug/l #	11
64) Tetrachloroethene	9.34	164	2195	0.58	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	66611	23.38	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	66611	68.38	ug/l #	10

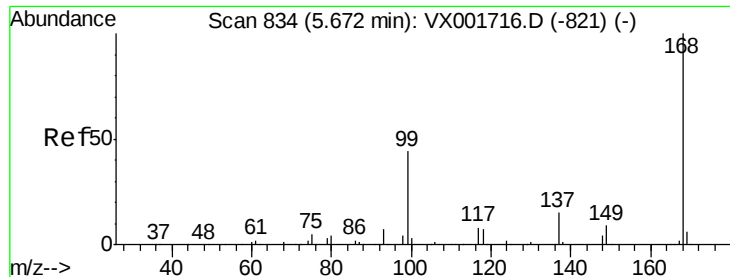
(#)= qualifier out of range (m)= manual integration (+)= signals summed

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Quant Time: May 16 04:12:33 2018
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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: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

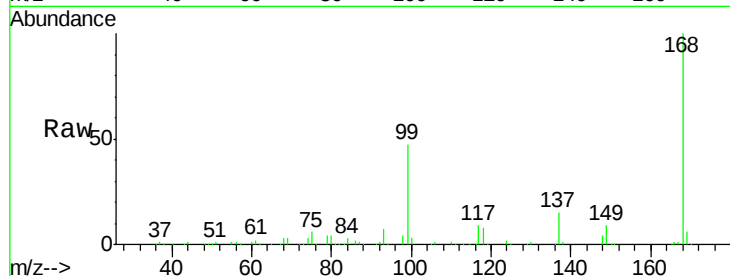
MW-DUPLICATE

Tgt Ion: 168 Resp: 251839

Ion Ratio Lower Upper

168 100

99 47.0 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

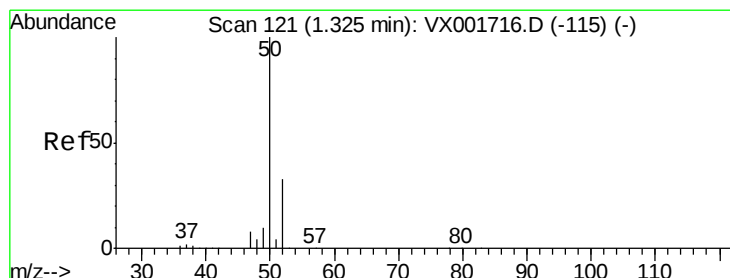
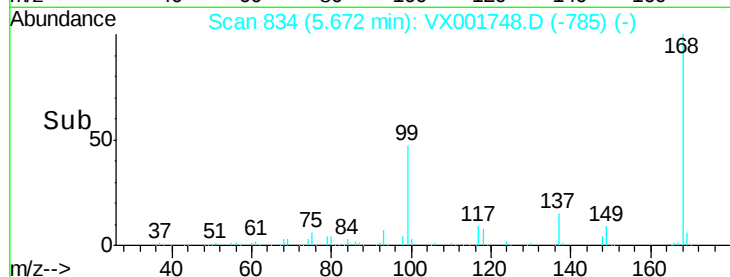
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001748.D

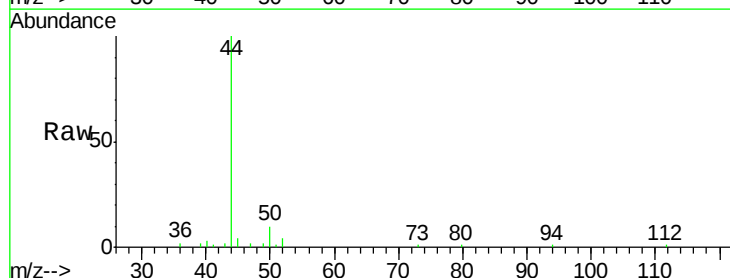
Acq: 15 May 2018 16:29

Tgt Ion: 50 Resp: 890

Ion Ratio Lower Upper

50 100

52 39.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

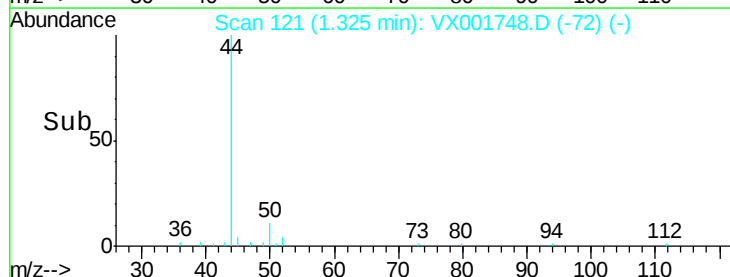
600

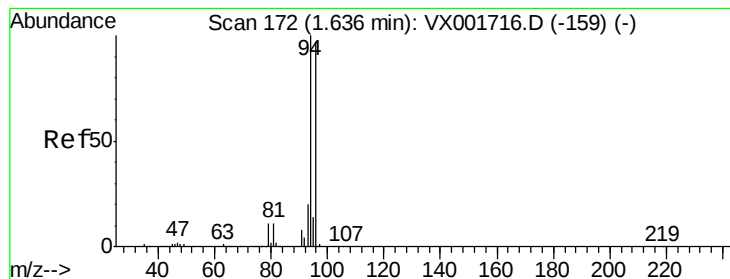
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

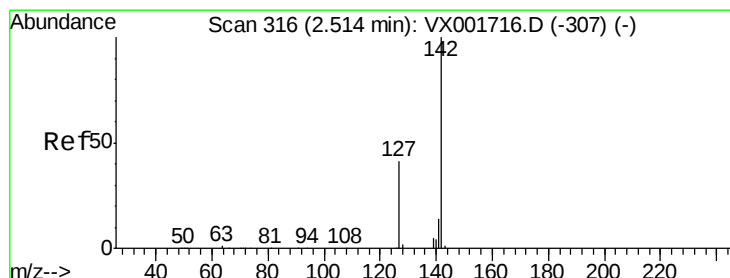
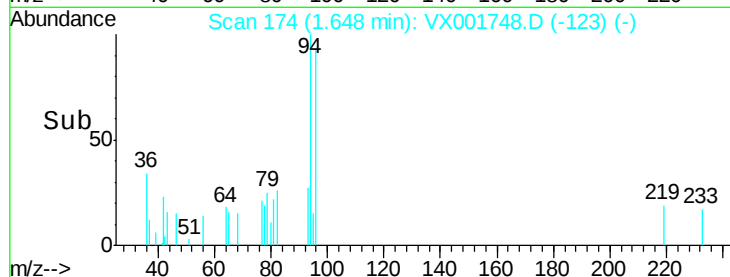
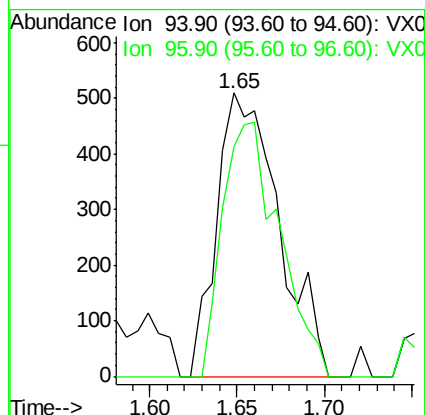
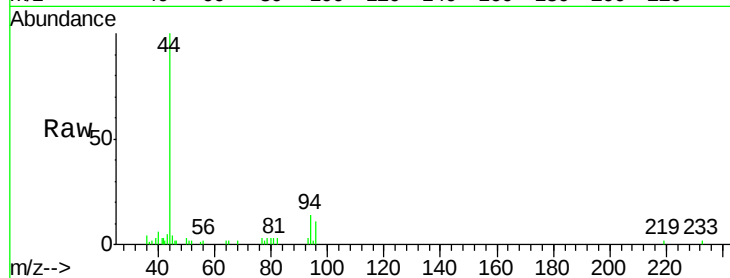
MW-DUPLICATE

Tgt Ion: 94 Resp: 1259

Ion Ratio Lower Upper

94 100

96 81.3 77.4 116.0



#10

Methyl Iodide

Concen: 0.44 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

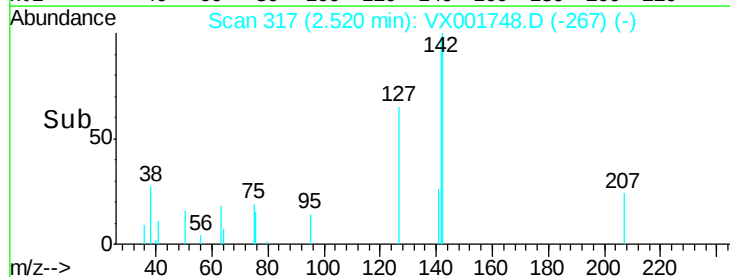
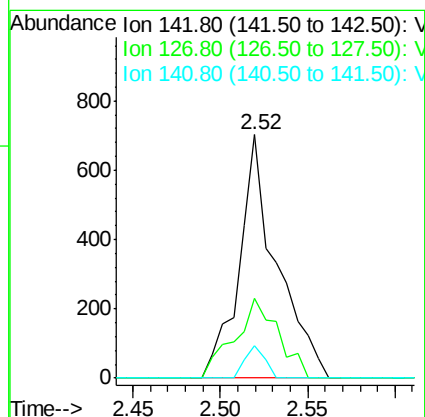
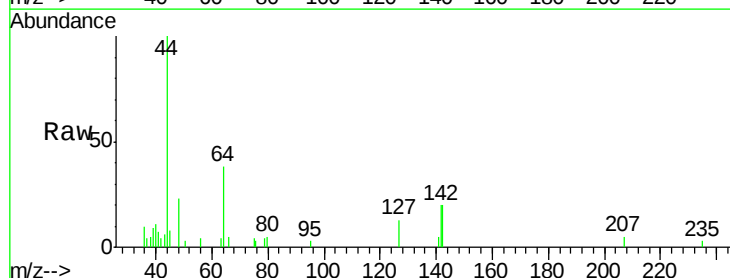
Tgt Ion: 142 Resp: 1049

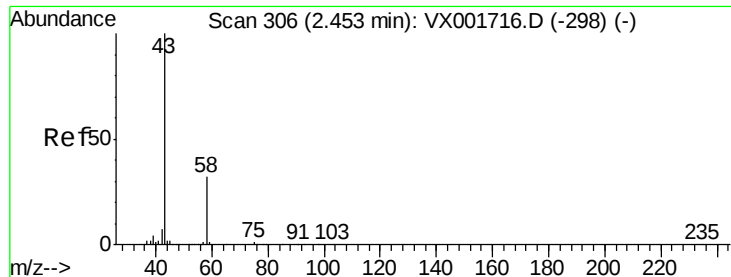
Ion Ratio Lower Upper

142 100

127 38.1 32.5 48.7

141 7.0 11.4 17.0#





#16

Acetone

Concen: 4.31 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

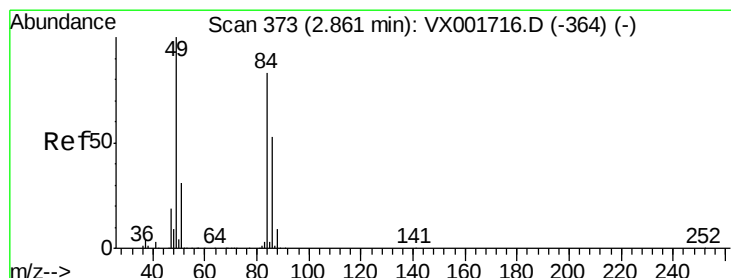
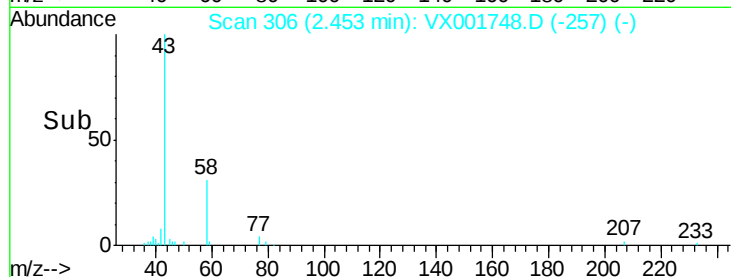
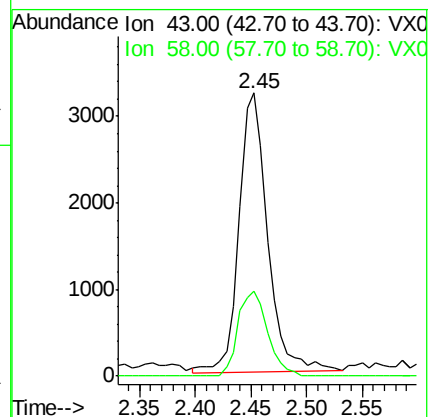
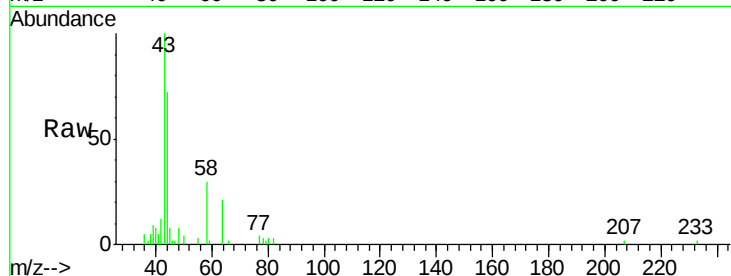
MW-DUPLICATE

Tgt Ion: 43 Resp: 5710

Ion Ratio Lower Upper

43 100

58 30.9 25.3 37.9



#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

Tgt Ion: 84 Resp: 633

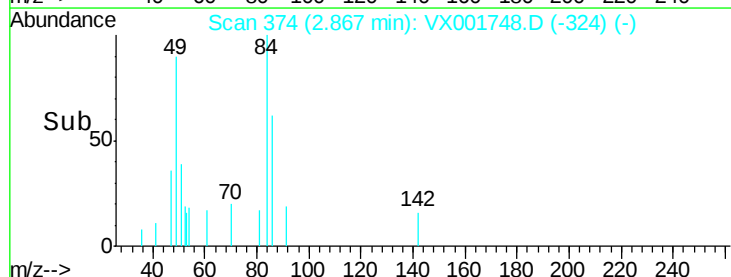
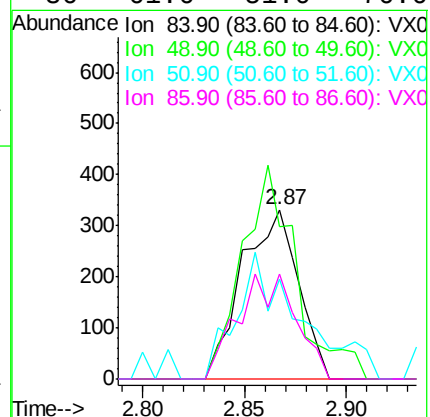
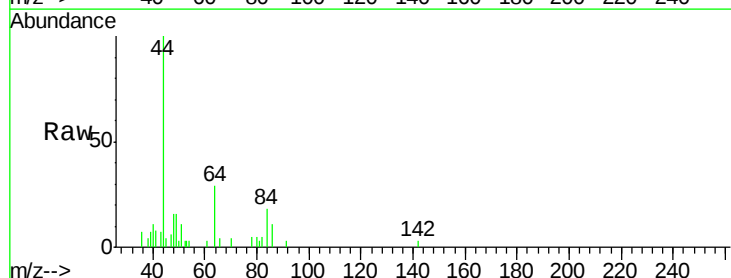
Ion Ratio Lower Upper

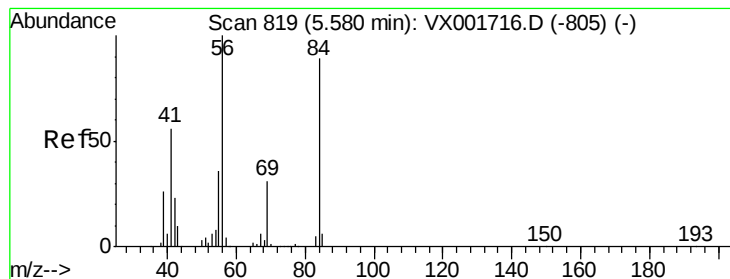
84 100

49 90.3 96.3 144.5#

51 58.6 29.8 44.6#

86 61.6 51.0 76.6





#31

Cyclohexane

Concen: 1.01 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

MW-DUPLICATE

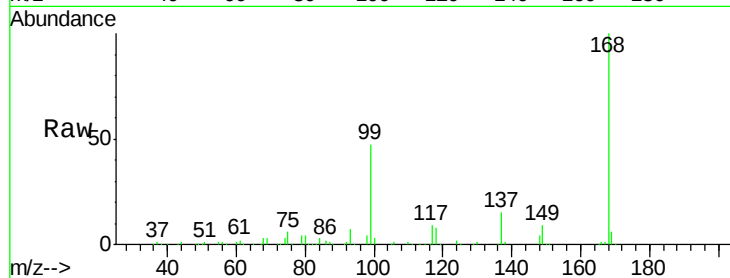
Tgt Ion: 56 Resp: 4301

Ion Ratio Lower Upper

56 100

69 208.5 25.0 37.6#

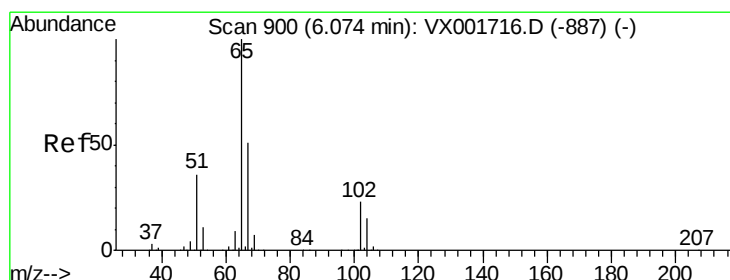
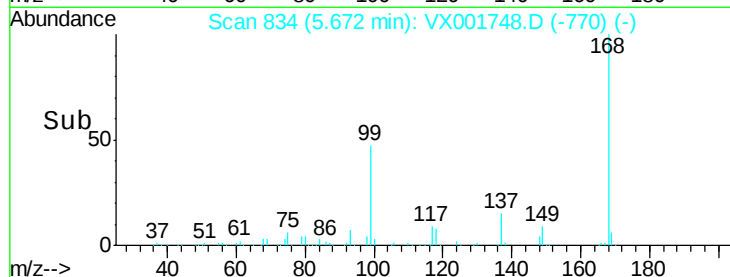
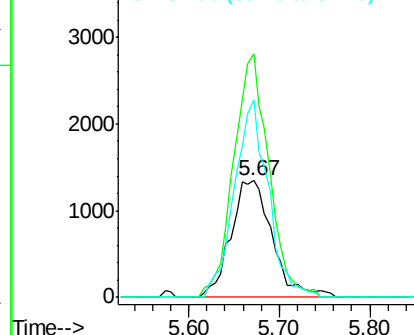
84 169.6 71.0 106.4#



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: 47.95 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001748.D

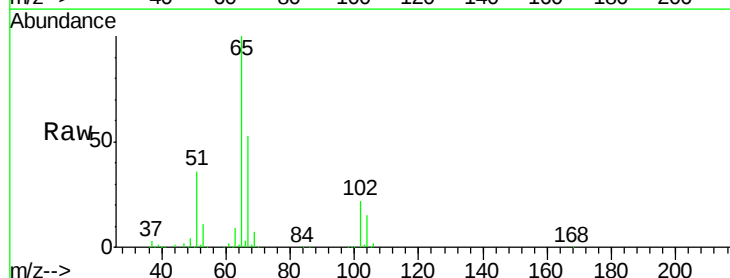
Acq: 15 May 2018 16:29

Tgt Ion: 65 Resp: 161844

Ion Ratio Lower Upper

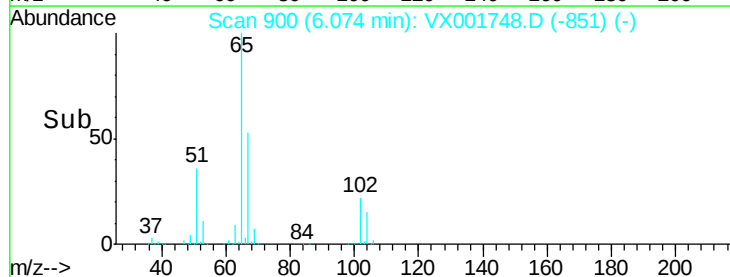
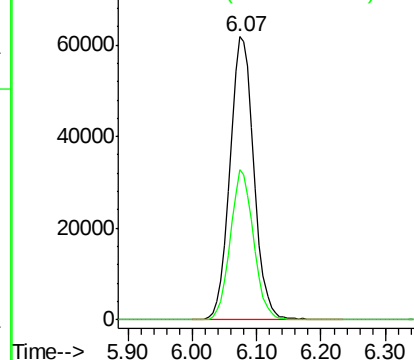
65 100

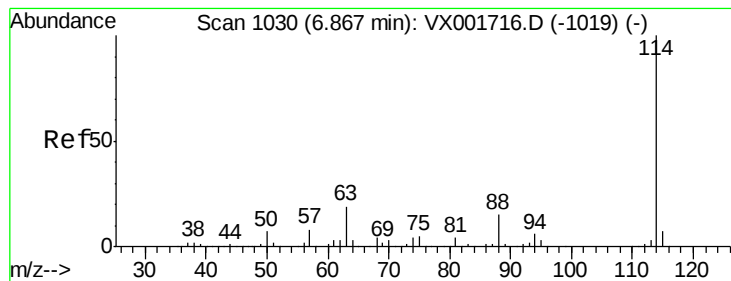
67 51.6 0.0 102.8



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: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

MW-DUPLICATE

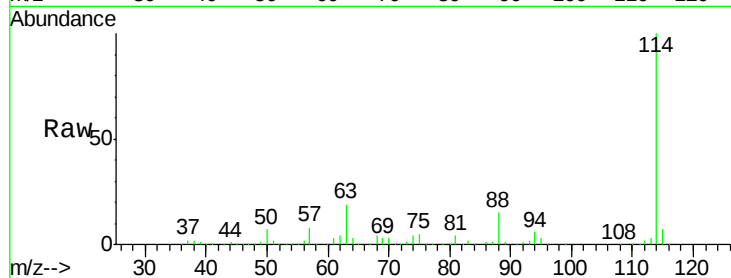
Tgt Ion:114 Resp: 337722

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

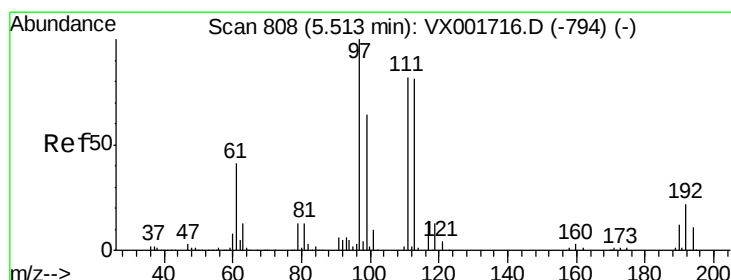
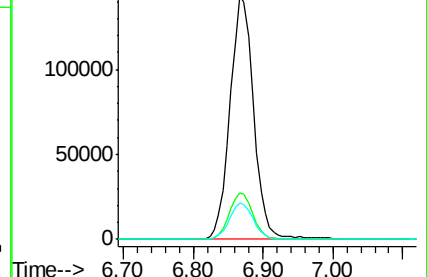
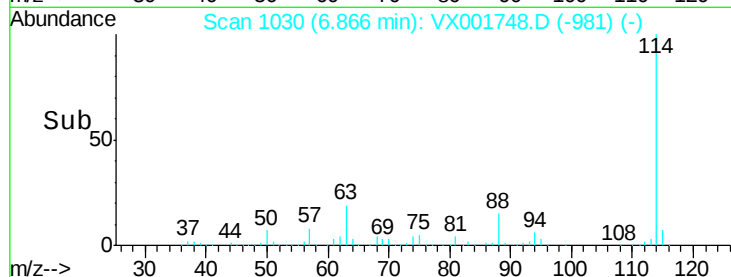
88 14.7 0.0 29.8



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: 46.46 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

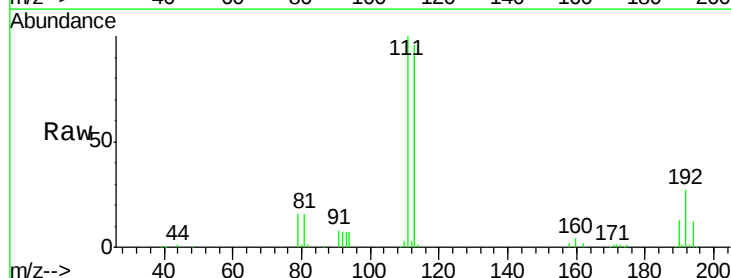
Tgt Ion:113 Resp: 132405

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

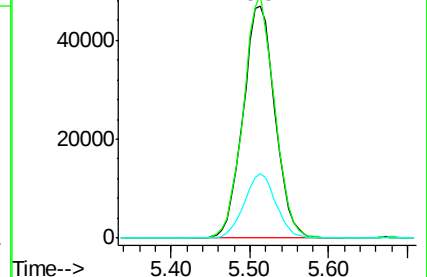
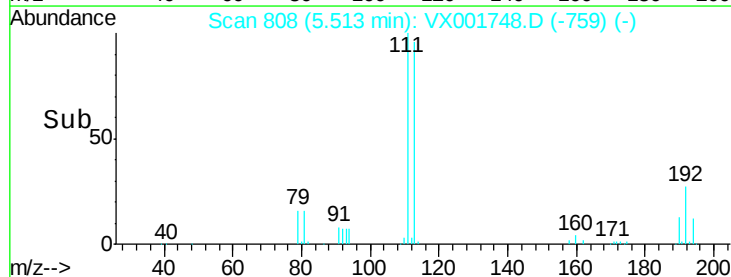
192 27.4 21.6 32.4

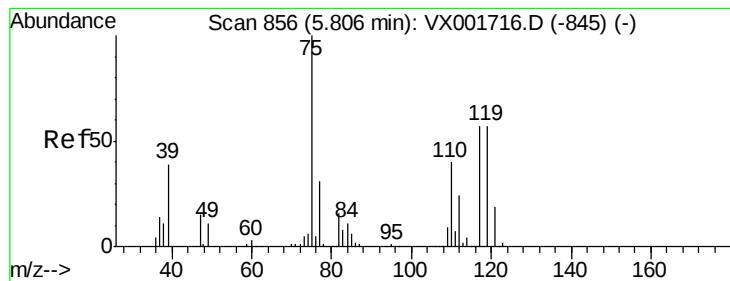


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.02 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

MW-DUPLICATE

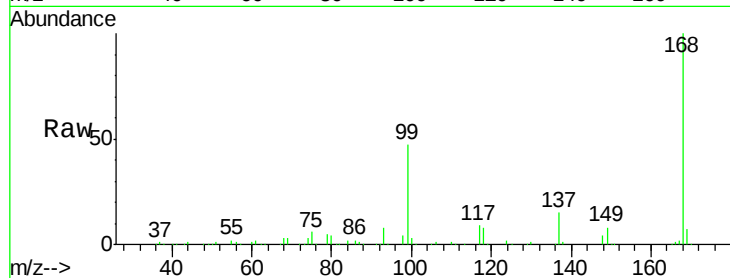
Tgt Ion: 75 Resp: 15632

Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.1#

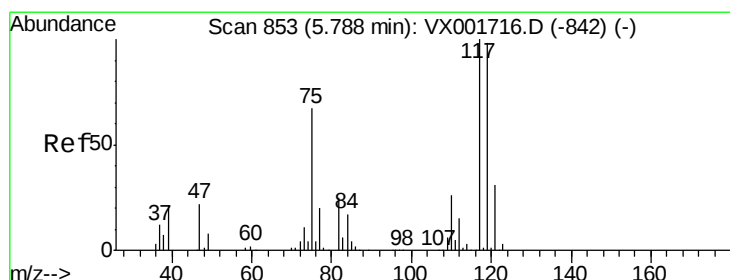
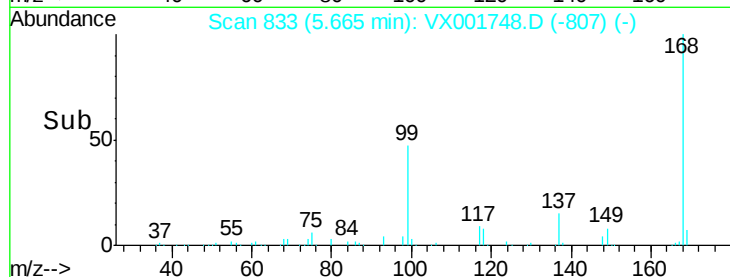
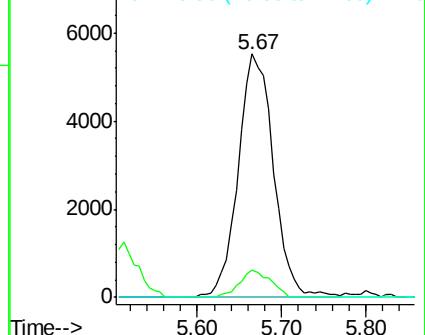
77 0.0 24.6 37.0#



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: 5.28 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

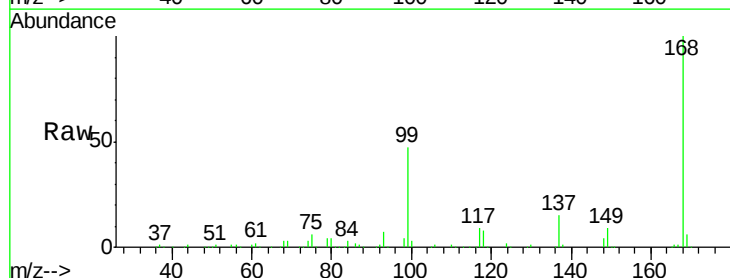
Tgt Ion: 117 Resp: 21504

Ion Ratio Lower Upper

117 100

119 4.4 77.6 116.4#

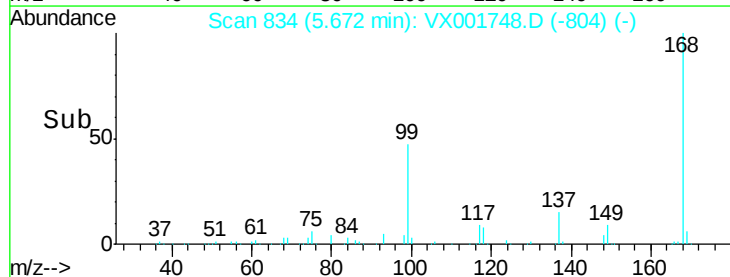
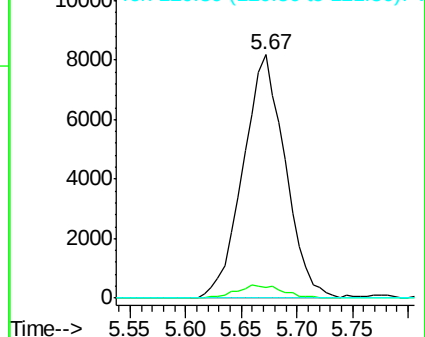
121 0.0 24.6 36.8#

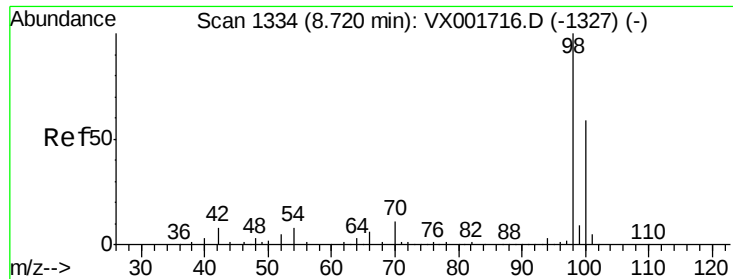


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

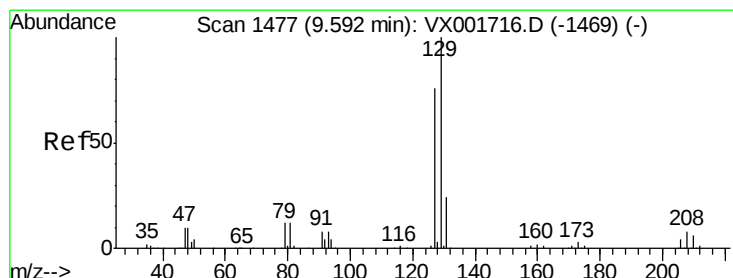
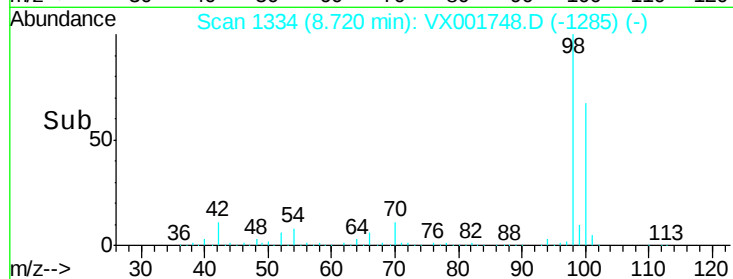
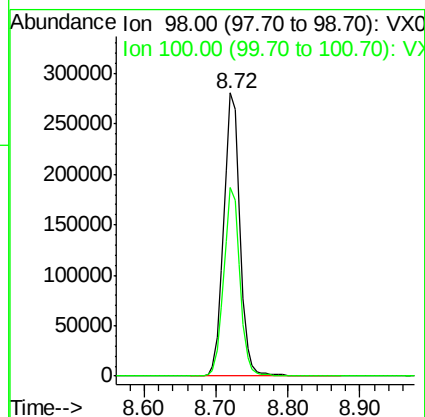
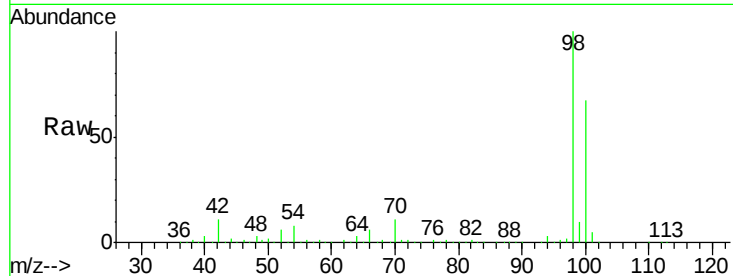




#50
Toluene-d8
Concen: 43.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001748.D
Acq: 15 May 2018 16:29

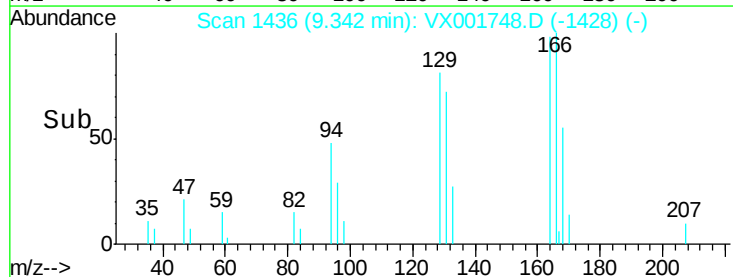
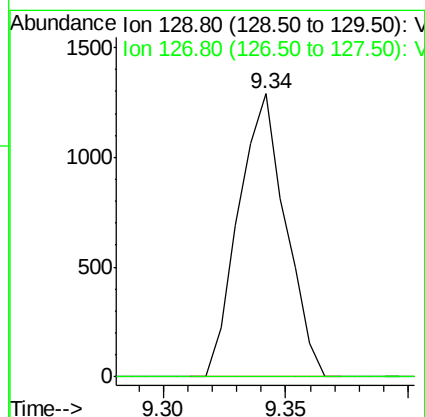
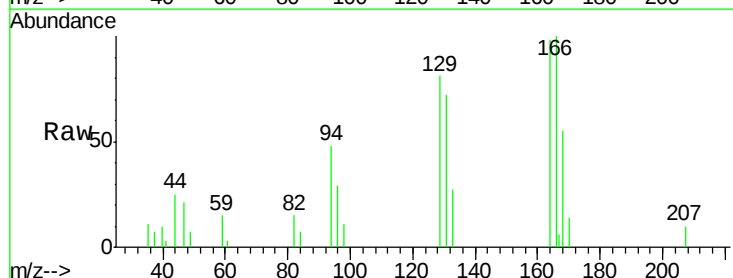
Instrument :
MSVOA_X
ClientSampleId :
MW-DUPLICATE

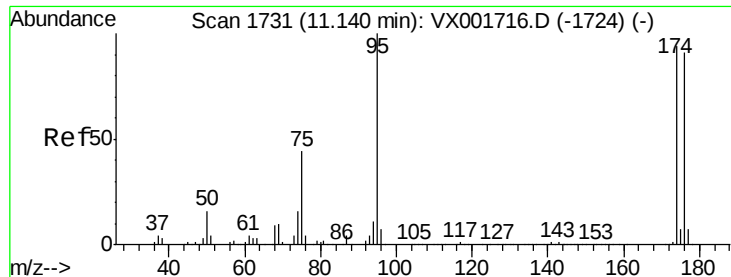
Tgt Ion: 98 Resp: 441643
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



#60
Dibromochloromethane
Concen: 0.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001748.D
Acq: 15 May 2018 16:29

Tgt Ion: 129 Resp: 1730
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

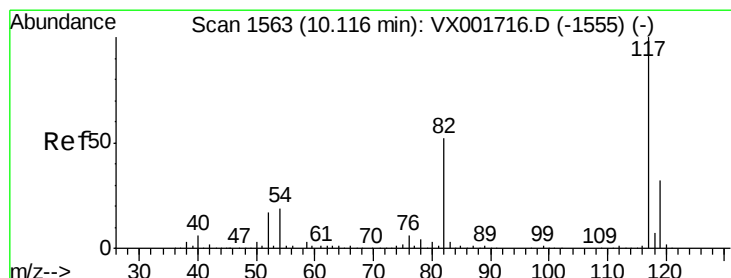
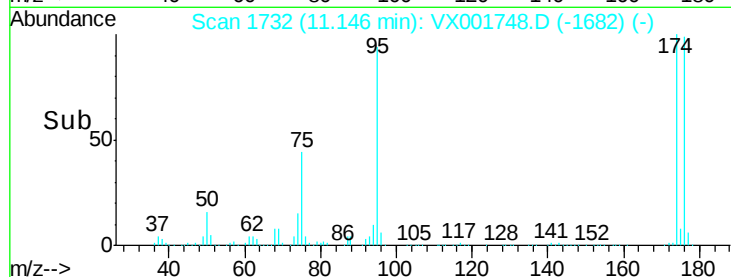
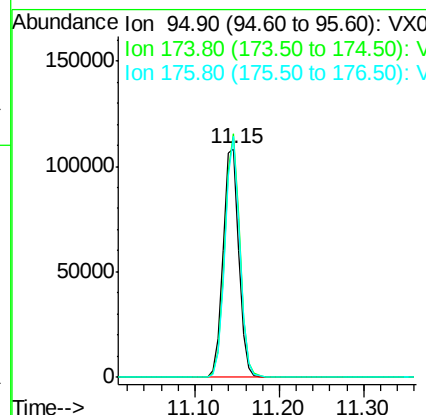
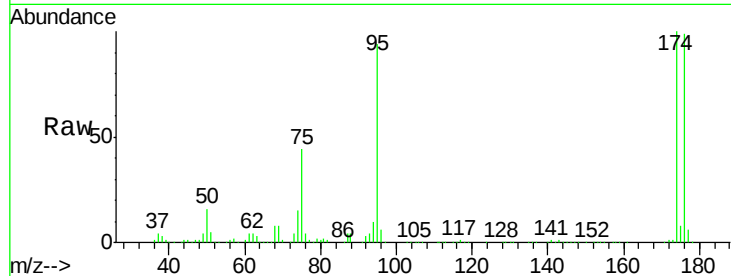




#62
4-Bromofluorobenzene
Concen: 38.38 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001748.D
Acq: 15 May 2018 16:29

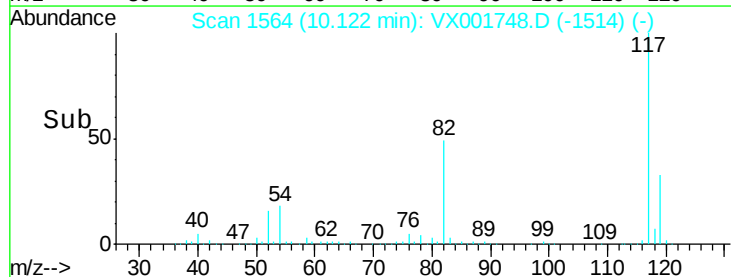
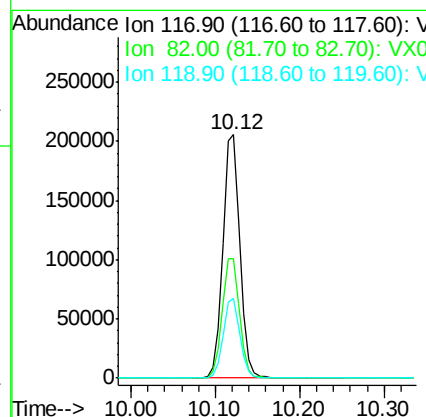
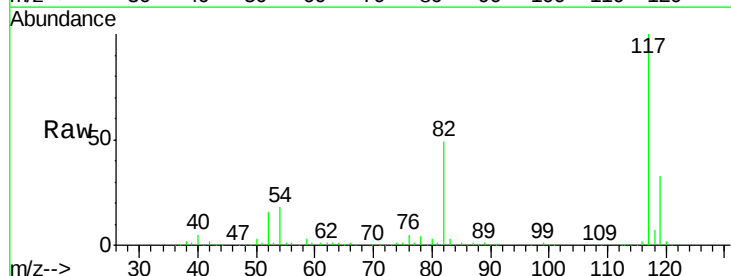
Instrument :
MSVOA_X
ClientSampleId :
MW-DUPLICATE

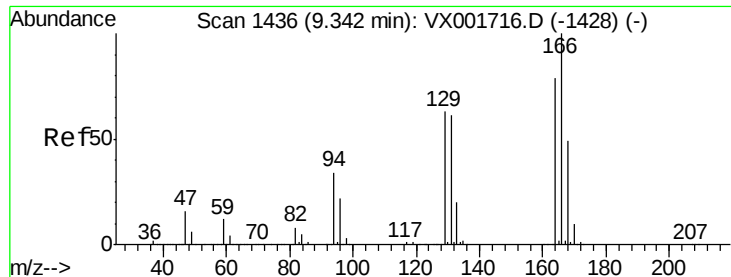
Tgt Ion: 95 Resp: 141047
Ion Ratio Lower Upper
95 100
174 101.8 0.0 201.8
176 98.9 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001748.D
Acq: 15 May 2018 16:29

Tgt Ion: 117 Resp: 288438
Ion Ratio Lower Upper
117 100
82 49.1 41.4 62.2
119 32.7 25.6 38.4





#64

Tetrachloroethene

Concen: 0.58 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001748.D

Acq: 15 May 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

MW-DUPLICATE

Tgt Ion:164 Resp: 2195

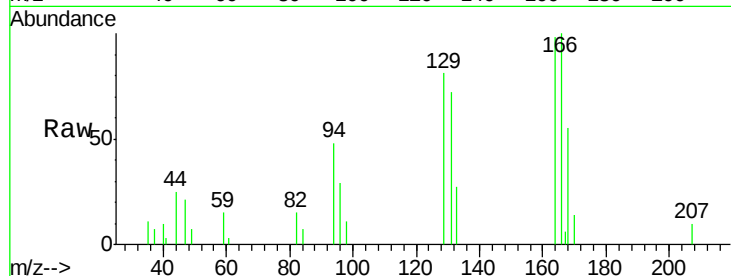
Ion Ratio Lower Upper

164 100

166 102.4 101.8 152.8

129 82.7 63.8 95.6

131 73.8 62.2 93.2

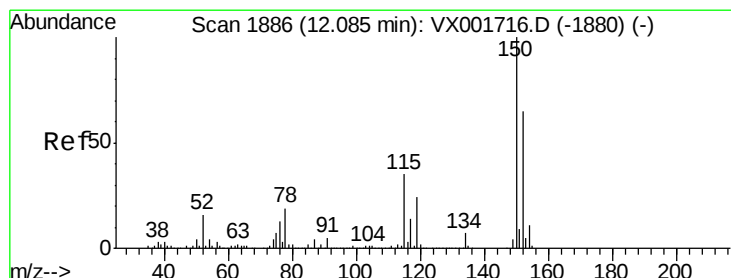
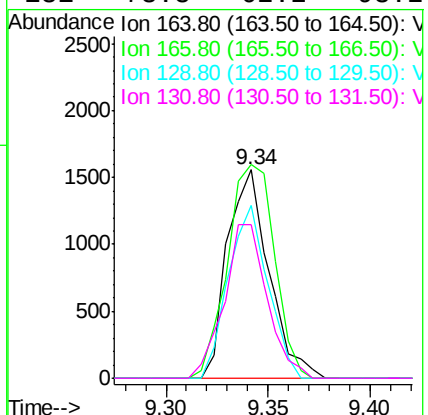
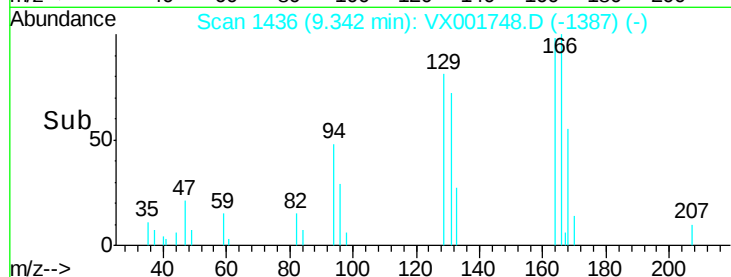


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX001748.D

Acq: 15 May 2018 16:29

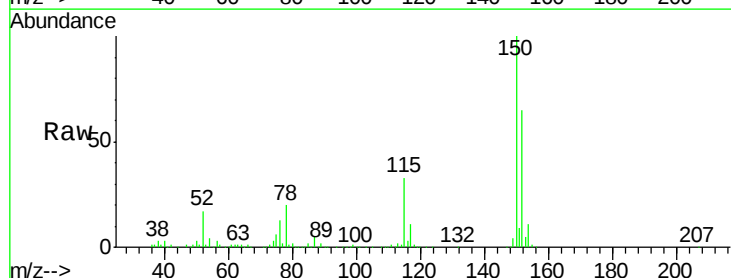
Tgt Ion:152 Resp: 149806

Ion Ratio Lower Upper

152 100

115 51.7 37.4 112.2

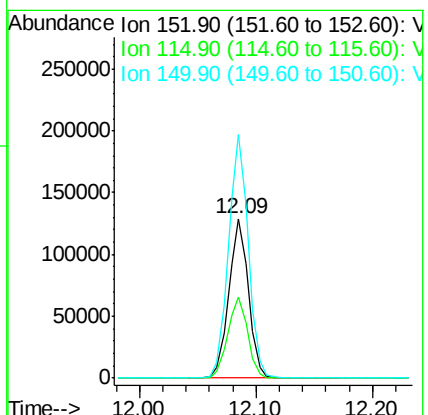
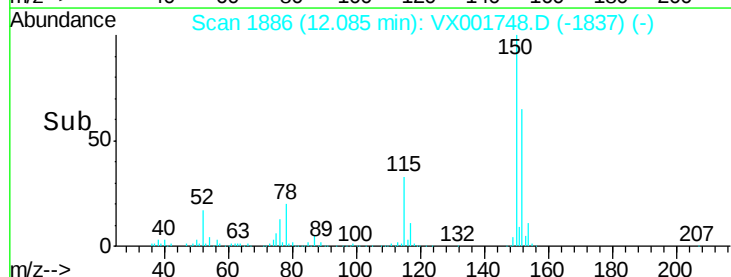
150 154.2 0.0 344.8

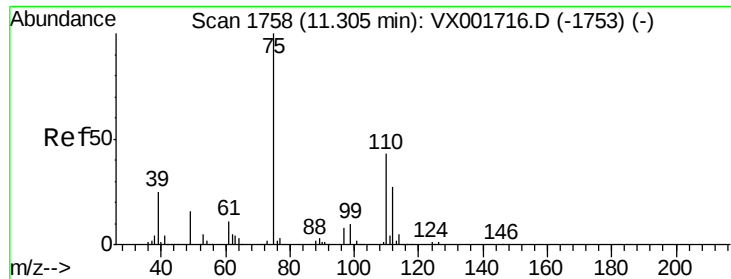


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

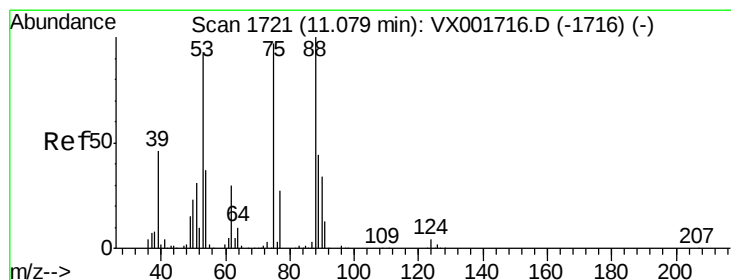
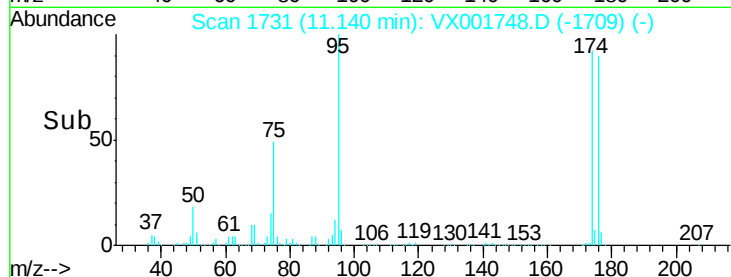
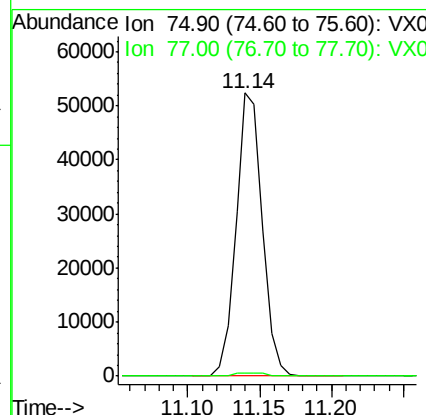
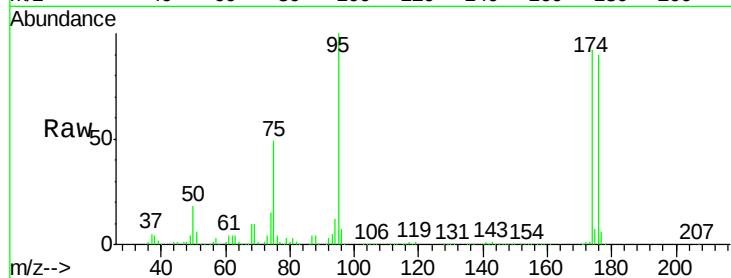




#76
 1,2,3-Trichloropropane
 Concen: 23.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001748.D
 Acq: 15 May 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-DUPLICATE

Tgt Ion: 75 Resp: 66611
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001748.D
 Acq: 15 May 2018 16:29

Tgt Ion: 75 Resp: 66611
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.4 119.2#
 89 0.1 38.8 58.2#

