

Data File : VX001677.D
Acq On : 12 May 2018 19:49
Operator : JC/MD
Sample : J2885-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW159-180508

Quant Time: May 14 06:03:42 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	258767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211717	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	
35) Dibromofluoromethane	5.51	113	169616	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
50) Toluene-d8	8.72	98	590146	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	187914	43.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.32%	

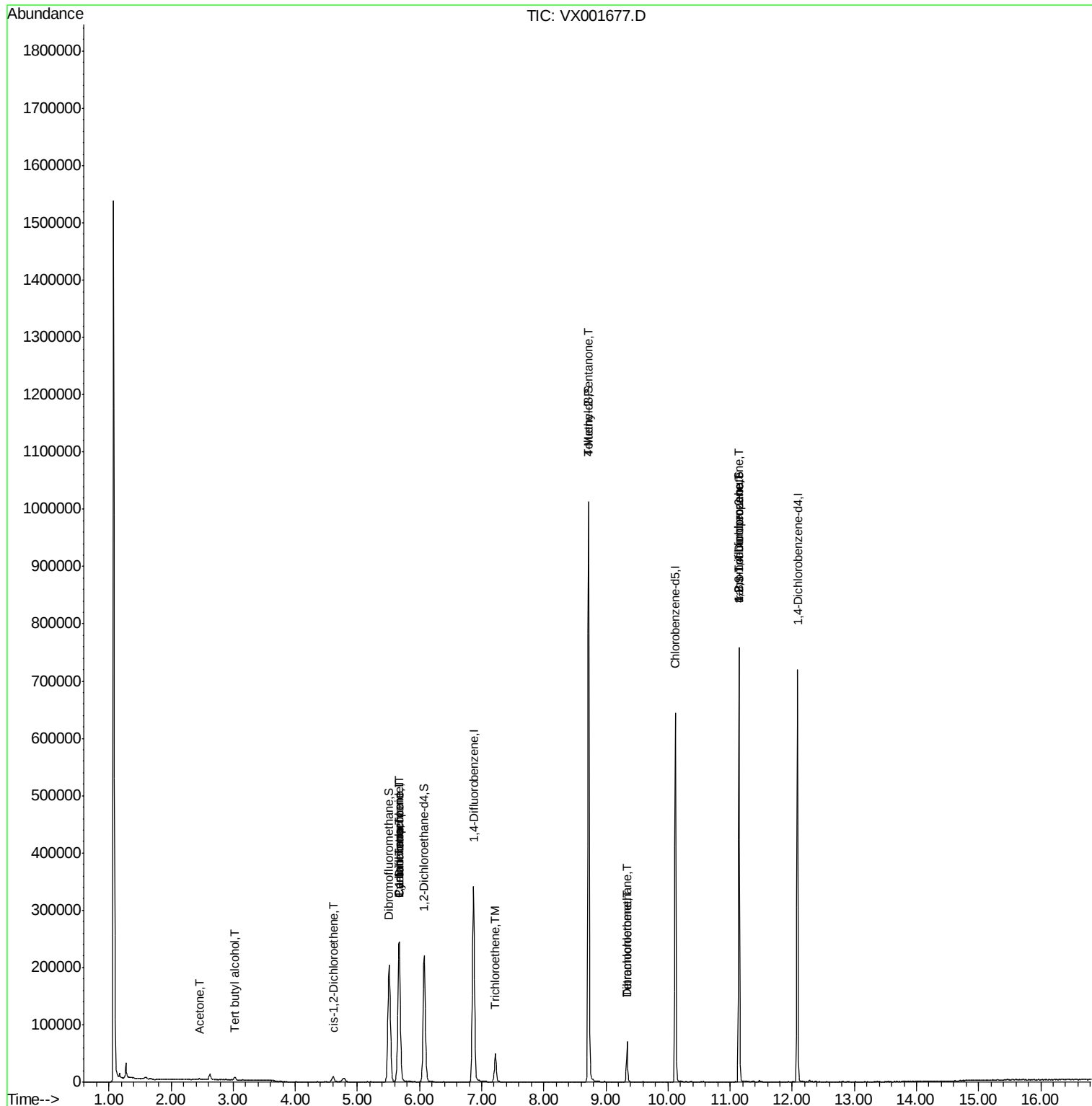
Target Compounds			Qvalue			
5) Bromomethane	1.63	94	69	Below Cal	#	3
11) Tert butyl alcohol	3.03	59	3191	4.07	ug/l #	78
13) Acrolein	2.30	56	95	Below Cal	#	1
16) Acetone	2.45	43	1102	0.65	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	5097	1.50	ug/l	96
31) Cyclohexane	5.67	56	4483	0.94	ug/l #	5
36) 1,1-Dichloropropene	5.67	75	15856	3.57	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22121	4.67	ug/l #	15
44) Trichloroethene	7.22	130	19595	4.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.72	43	2619	0.53	ug/l #	1
60) Dibromochloromethane	9.34	129	12088	3.45	ug/l #	11
64) Tetrachloroethene	9.34	164	14546	3.43	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	92395	28.88	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	92395	88.48	ug/l #	7

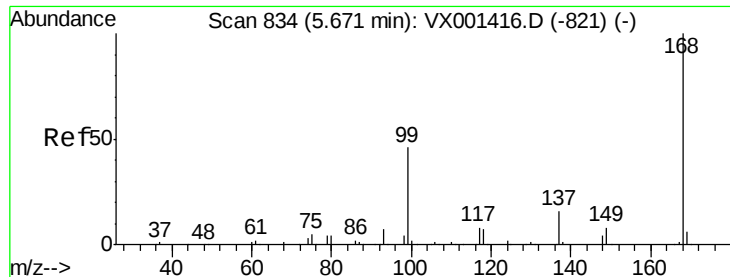
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

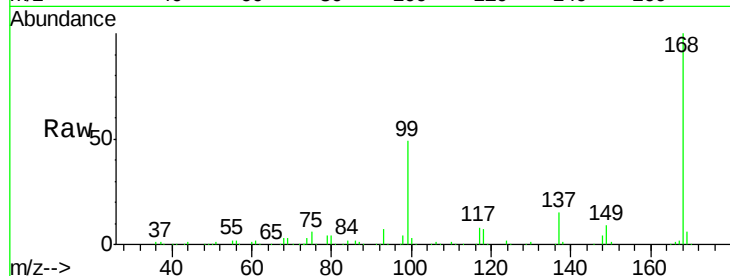
SS052MW159-180508

Tgt Ion: 168 Resp: 258767

Ion Ratio Lower Upper

168 100

99 48.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

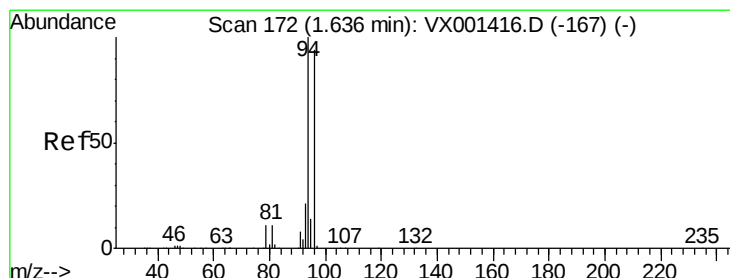
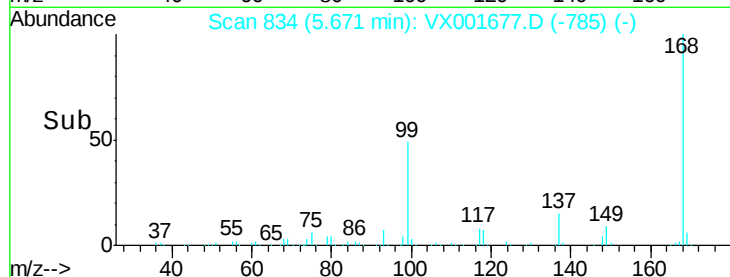
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX001677.D

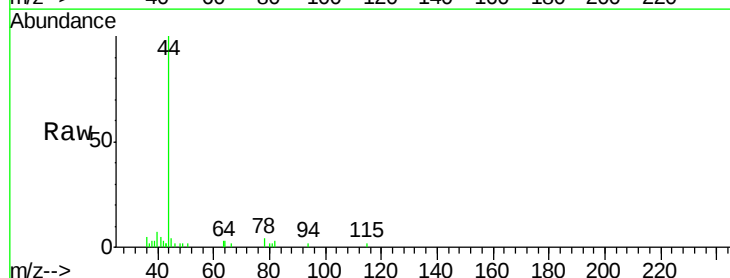
Acq: 12 May 2018 19:49

Tgt Ion: 94 Resp: 69

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

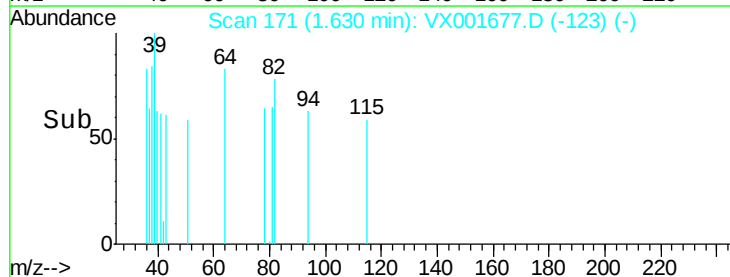
300

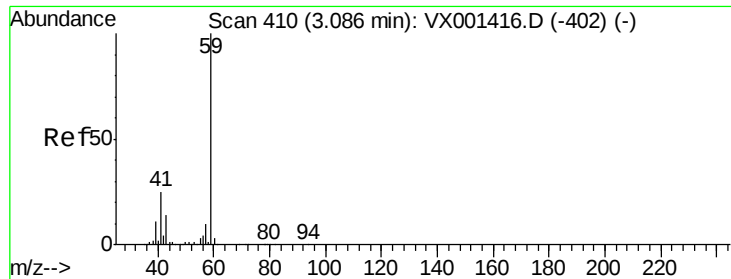
200

100

0

Time-->

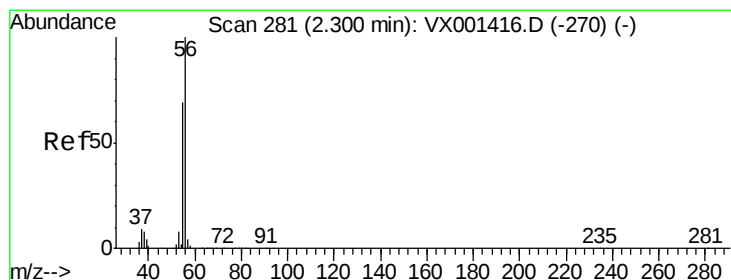
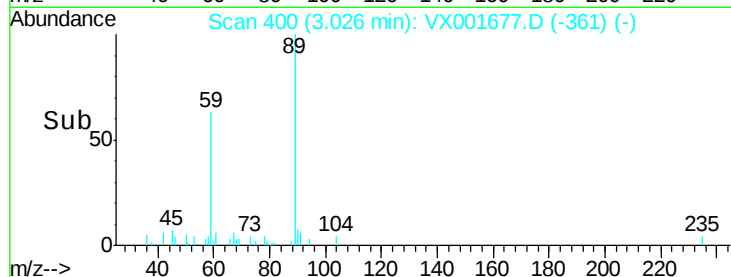
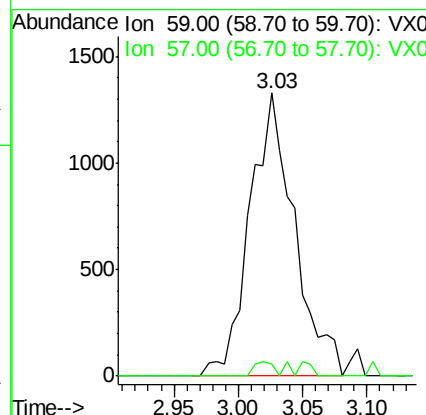
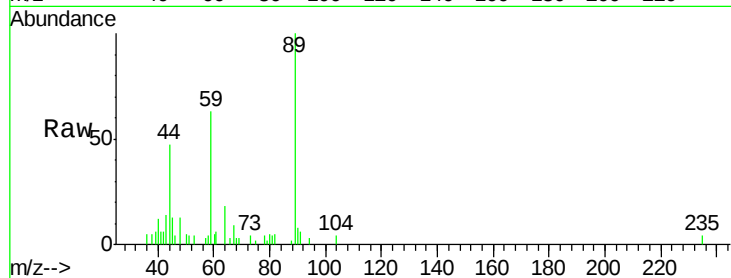




#11
 Tert butyl alcohol
 Concen: 4.07 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

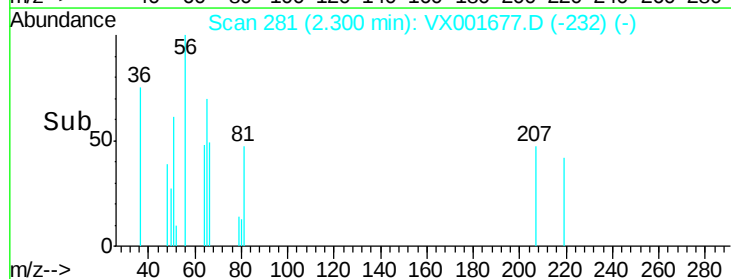
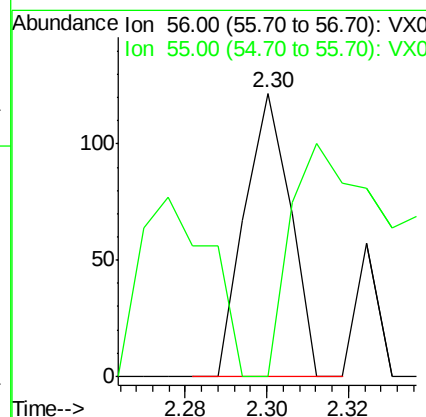
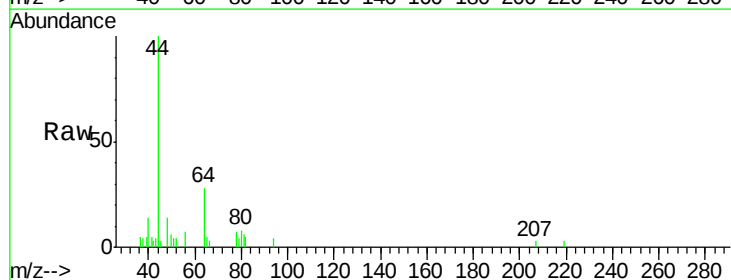
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW159-180508

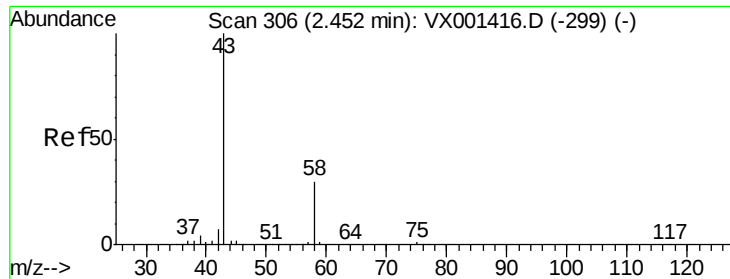
Tgt Ion: 59 Resp: 3191
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.2 12.4#



#13
 Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

Tgt Ion: 56 Resp: 95
 Ion Ratio Lower Upper
 56 100
 55 154.7 54.5 81.7#





#16

Acetone

Concen: 0.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

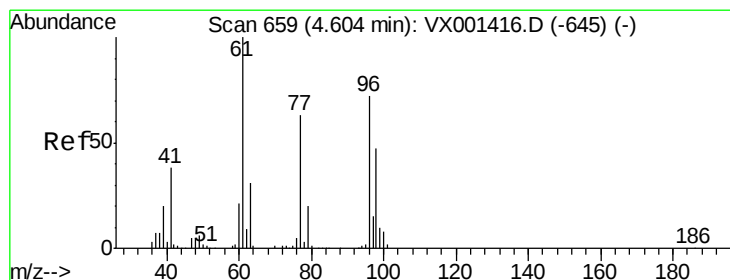
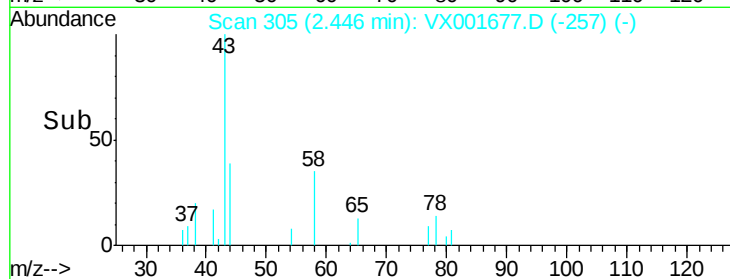
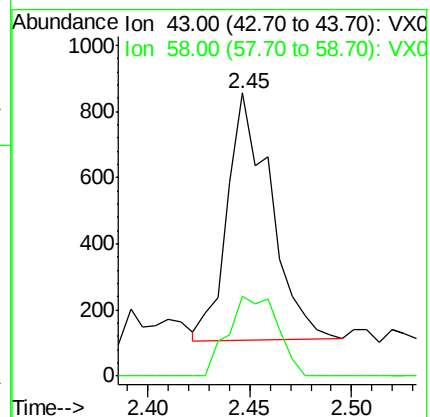
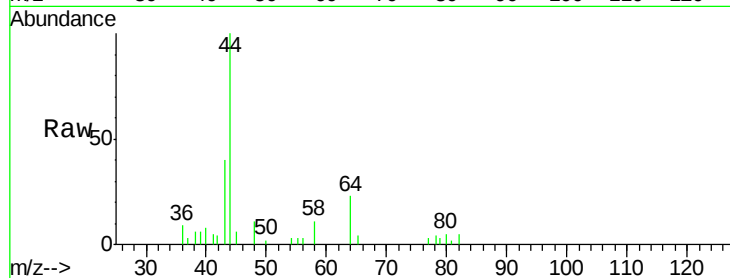
SS052MW159-180508

Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

58 32.8 23.8 35.8



#27

cis-1,2-Dichloroethene

Concen: 1.50 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

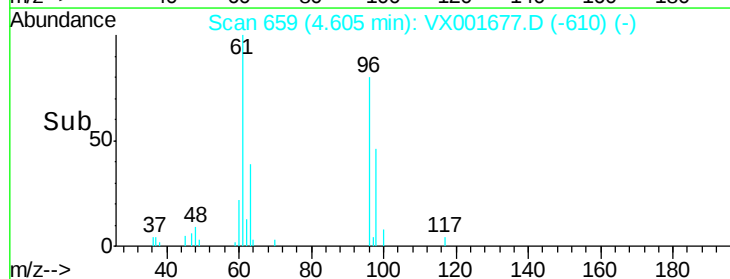
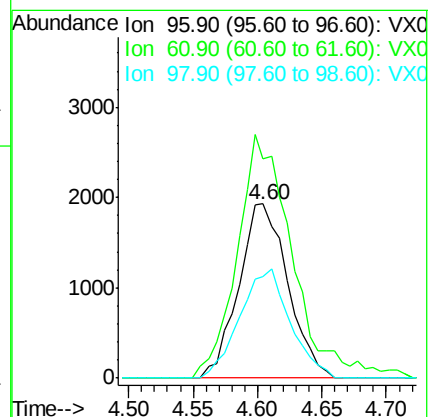
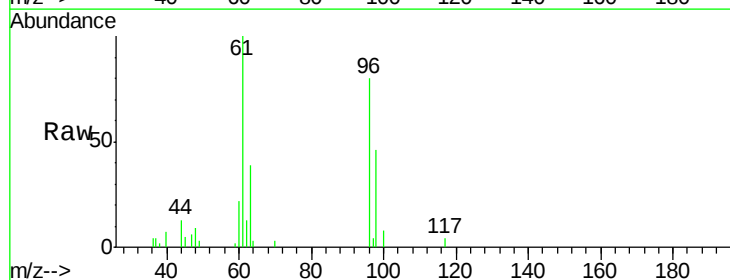
Tgt Ion: 96 Resp: 5097

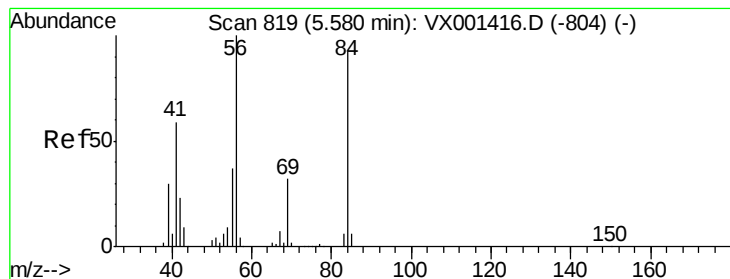
Ion Ratio Lower Upper

96 100

61 157.2 0.0 301.6

98 64.4 0.0 131.6





#31

Cyclohexane

Concen: 0.94 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS052MW159-180508

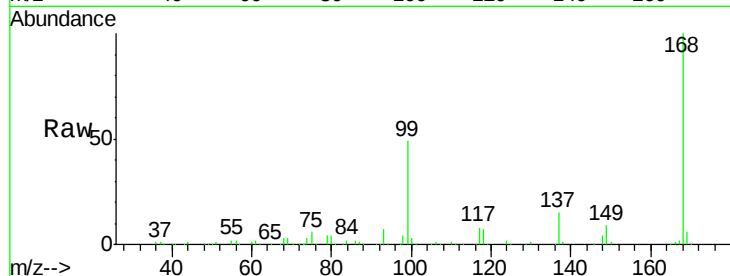
Tgt Ion: 56 Resp: 4483

Ion Ratio Lower Upper

56 100

69 172.8 25.4 38.0#

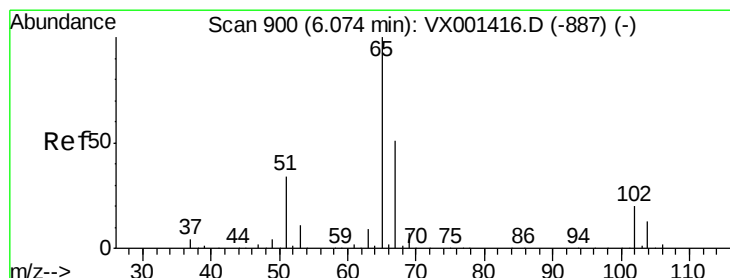
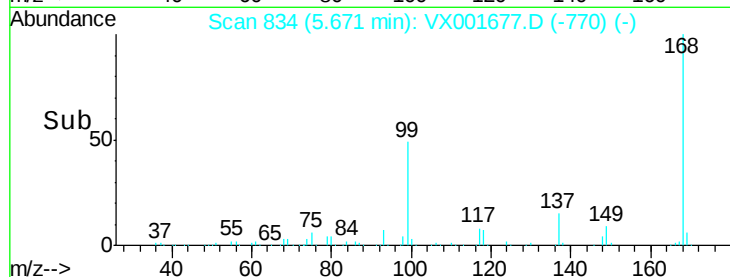
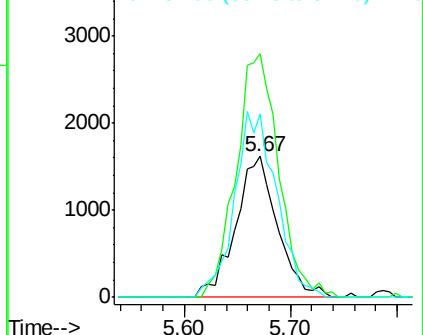
84 130.5 73.8 110.8#



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: 56.92 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001677.D

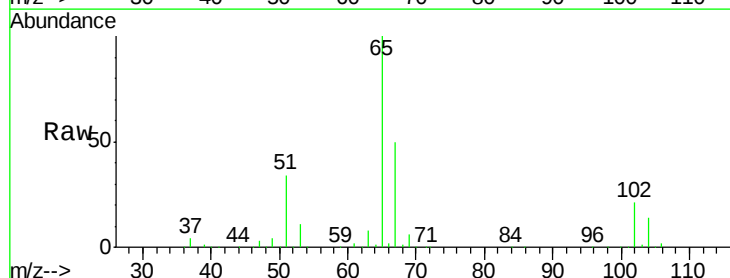
Acq: 12 May 2018 19:49

Tgt Ion: 65 Resp: 211717

Ion Ratio Lower Upper

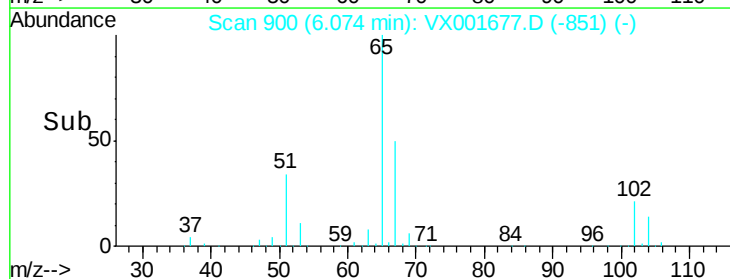
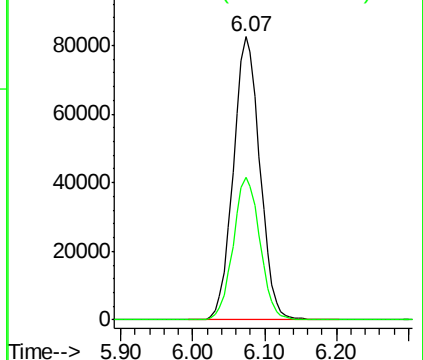
65 100

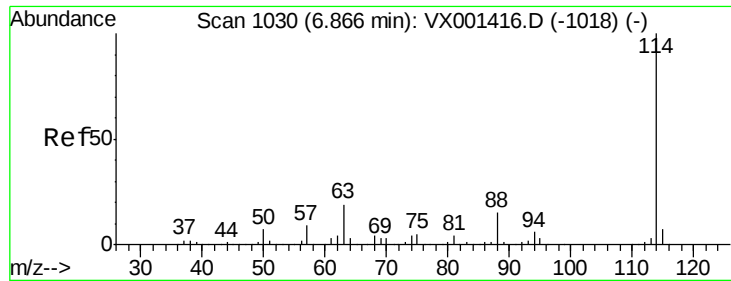
67 50.5 0.0 101.8



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: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS052MW159-180508

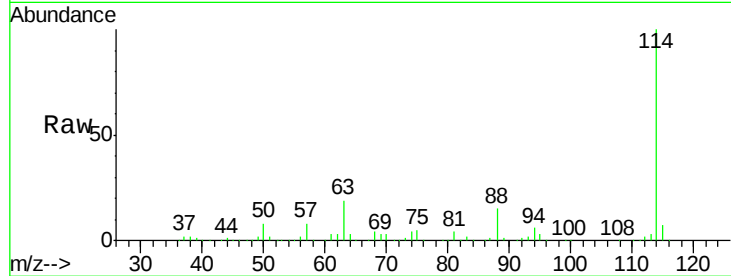
Tgt Ion:114 Resp: 349318

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

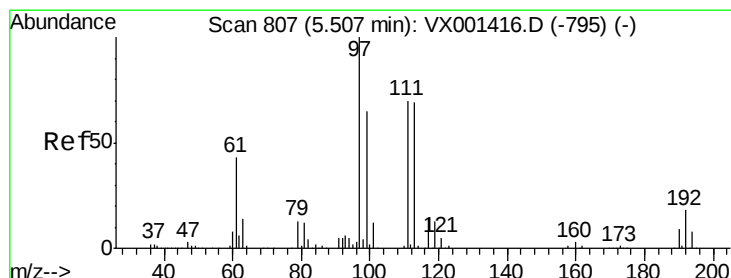
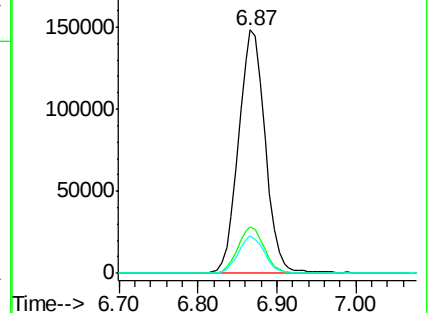
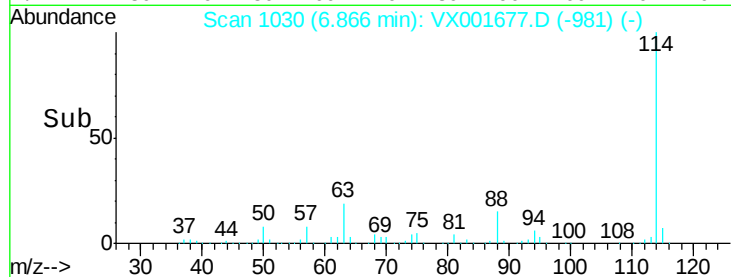
88 15.5 0.0 30.8



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: 54.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

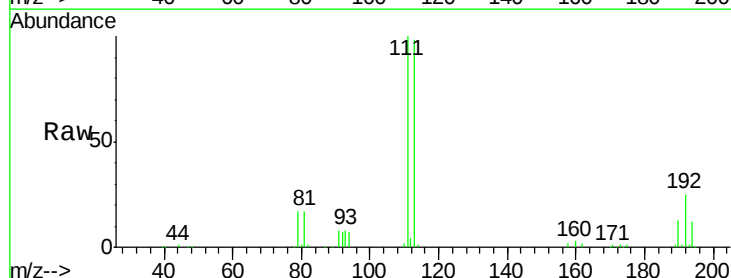
Tgt Ion:113 Resp: 169616

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

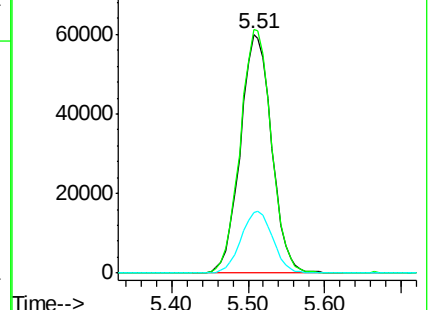
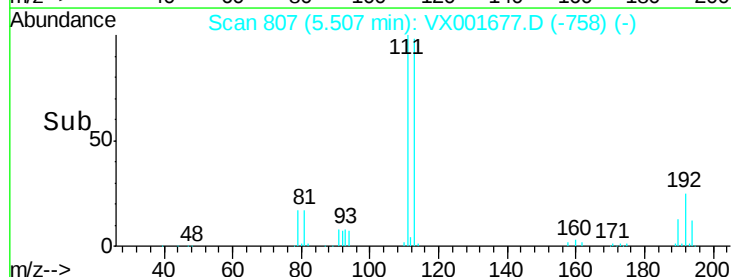
192 26.2 21.4 32.0

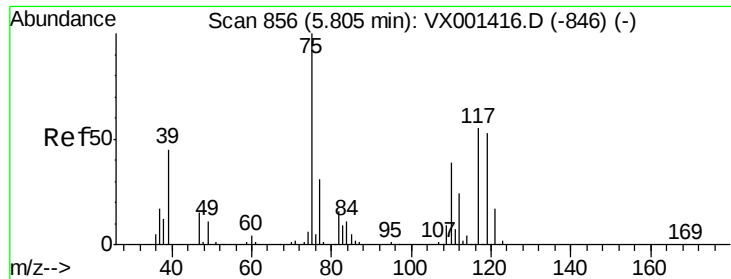


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.57 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

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SS052MW159-180508

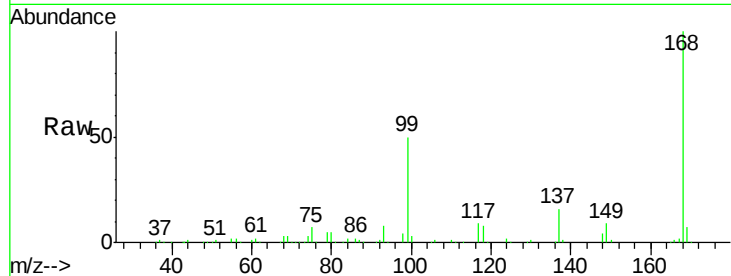
Tgt Ion: 75 Resp: 15856

Ion Ratio Lower Upper

75 100

110 10.8 18.9 56.7#

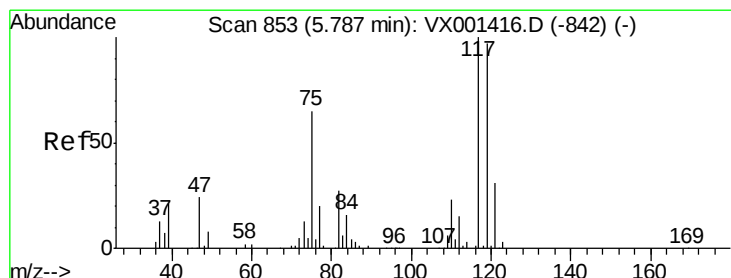
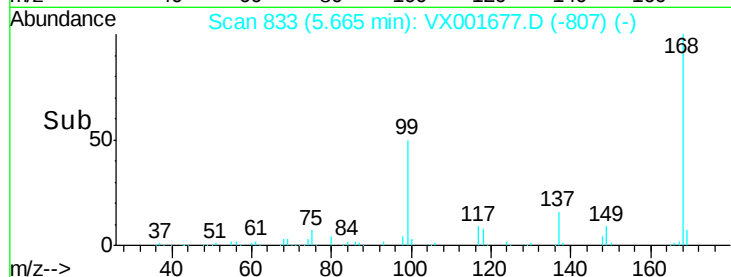
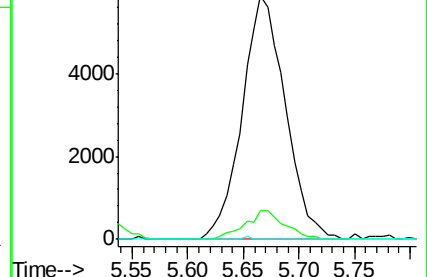
77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX001416.D (-846) (-)

Ion 109.90 (109.60 to 110.60): VX001416.D (-846) (-)

Ion 76.90 (76.60 to 77.60): VX001416.D (-846) (-)



#38

Carbon Tetrachloride

Concen: 4.67 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

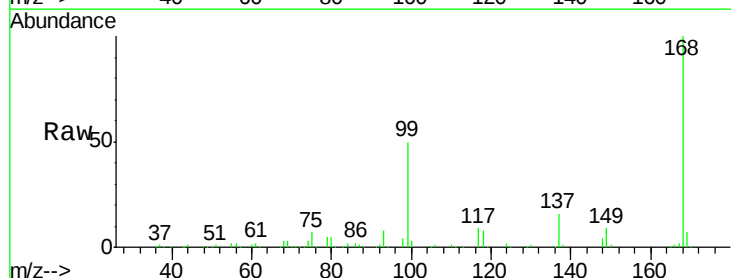
Tgt Ion: 117 Resp: 22121

Ion Ratio Lower Upper

117 100

119 4.4 77.0 115.6#

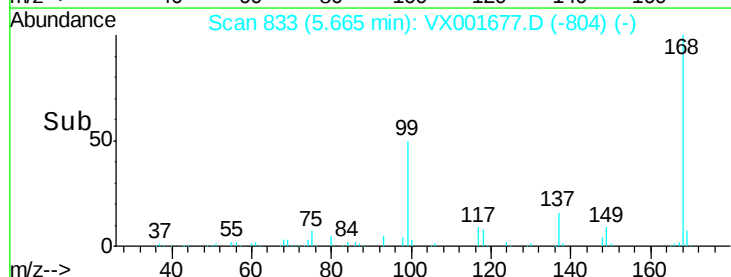
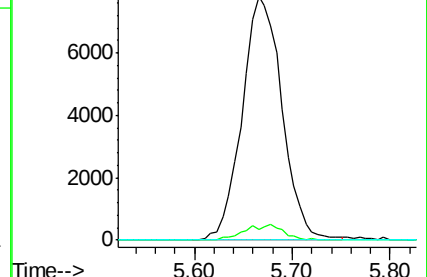
121 0.0 25.1 37.7#

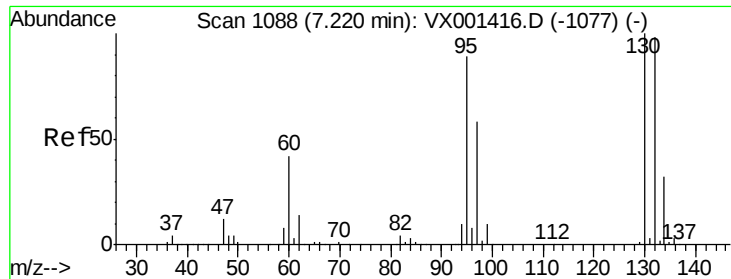


Abundance Ion 116.80 (116.50 to 117.50): VX001416.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX001416.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX001416.D (-842) (-)





#44

Trichloroethene

Concen: 4.94 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

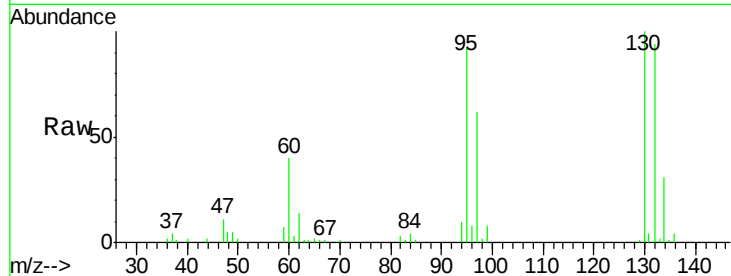
SS052MW159-180508

Tgt Ion:130 Resp: 19595

Ion Ratio Lower Upper

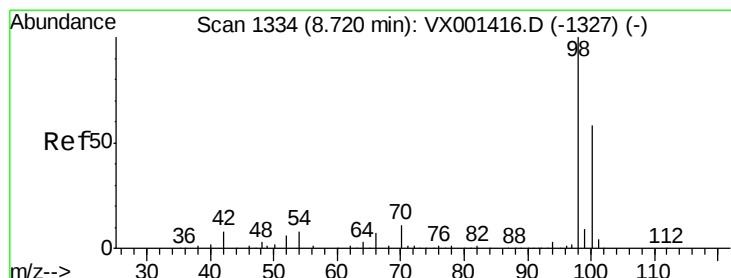
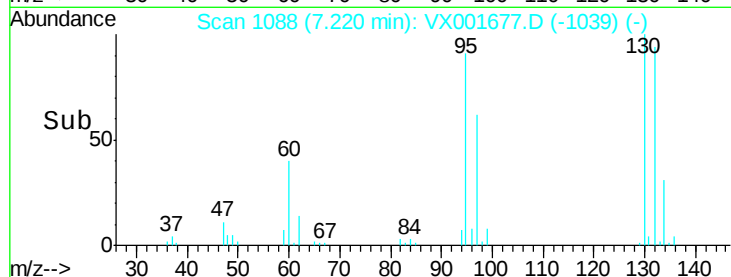
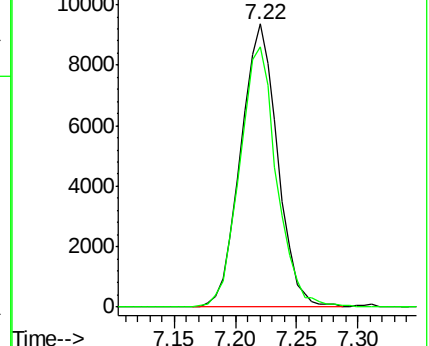
130 100

95 92.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001677.D

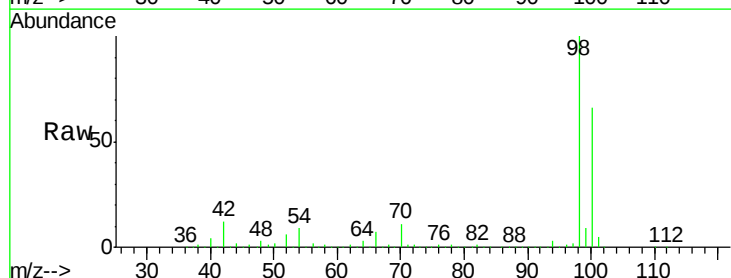
Acq: 12 May 2018 19:49

Tgt Ion: 98 Resp: 590146

Ion Ratio Lower Upper

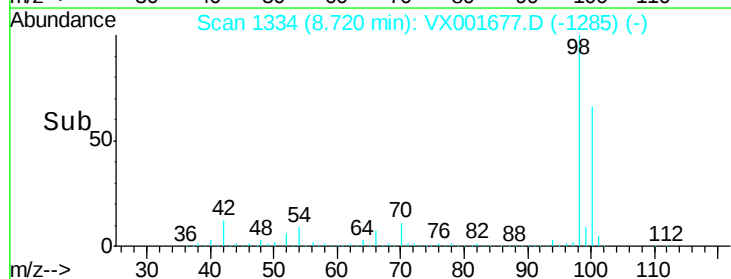
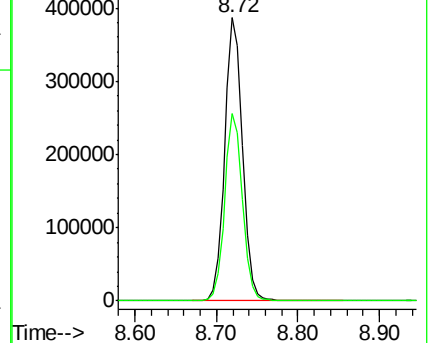
98 100

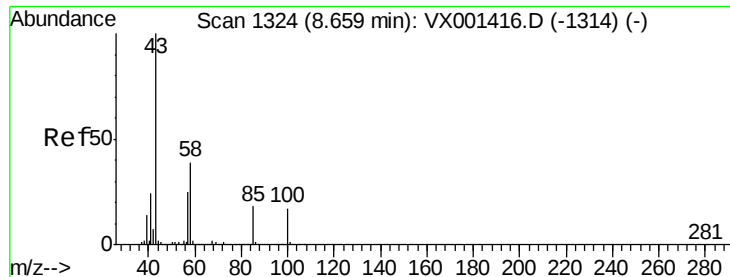
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

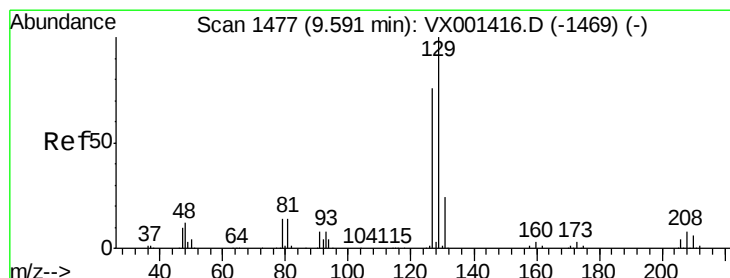
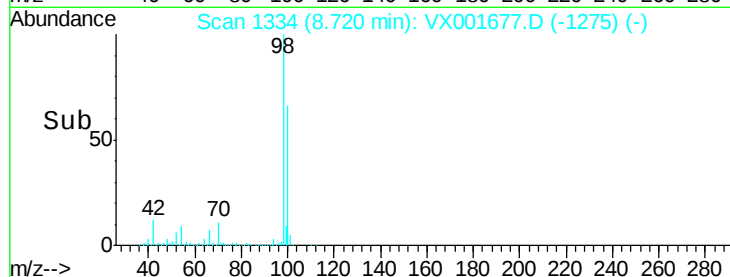
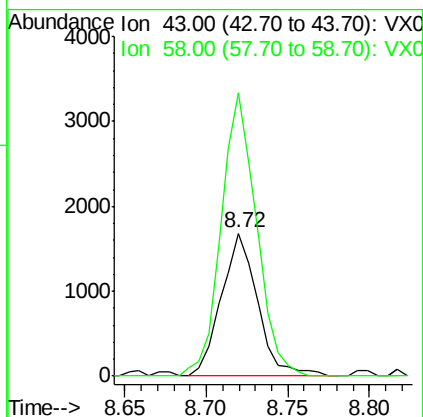
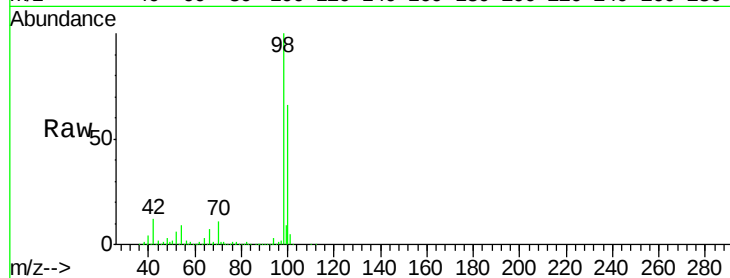




#51
 4-Methyl-2-Pentanone
 Concen: 0.53 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.06 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

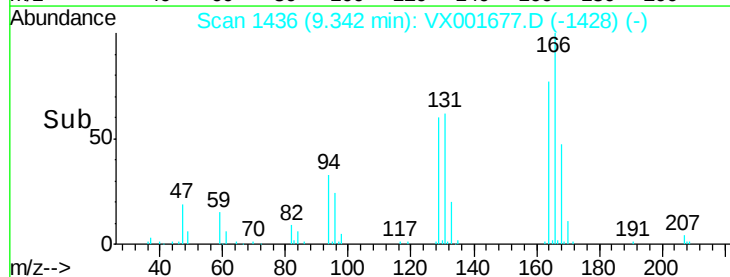
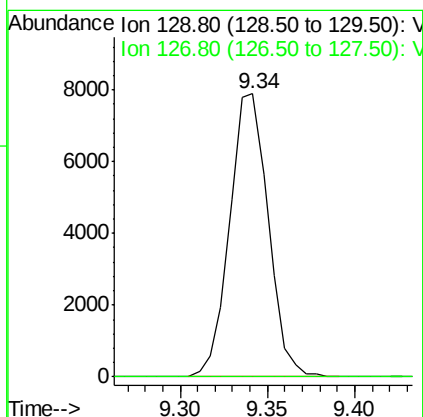
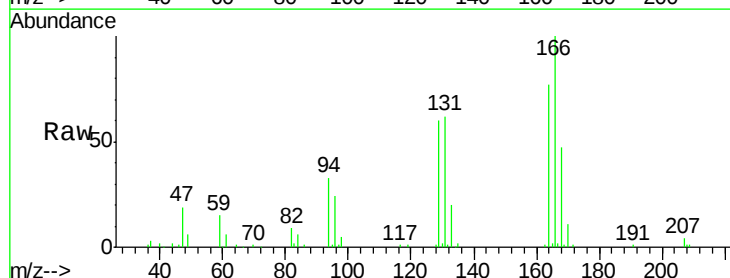
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW159-180508

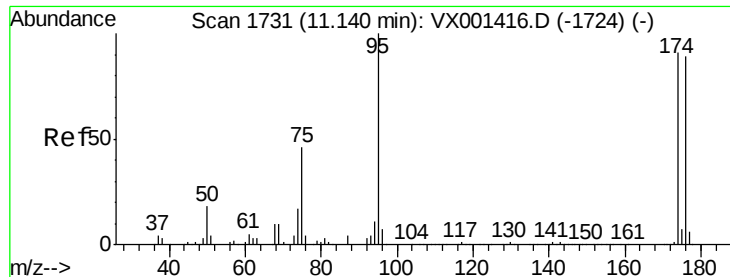
Tgt Ion: 43 Resp: 2619
 Ion Ratio Lower Upper
 43 100
 58 191.4 30.8 46.2#



#60
 Dibromochloromethane
 Concen: 3.45 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

Tgt Ion: 129 Resp: 12088
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#





#62

4-Bromofluorobenzene

Concen: 43.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS052MW159-180508

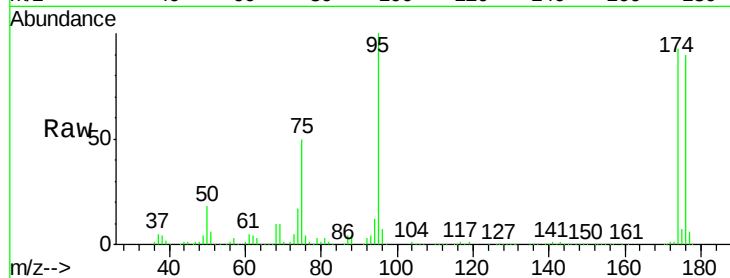
Tgt Ion: 95 Resp: 187914

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

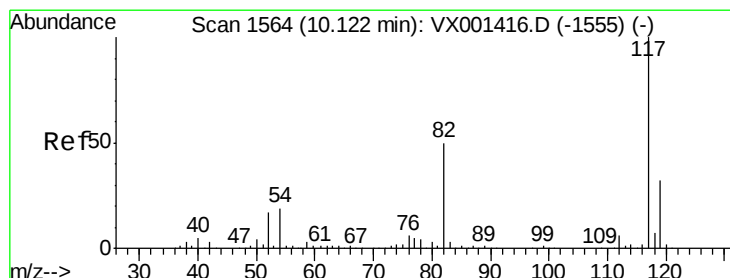
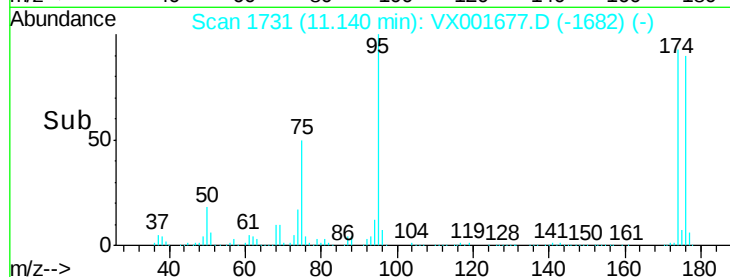
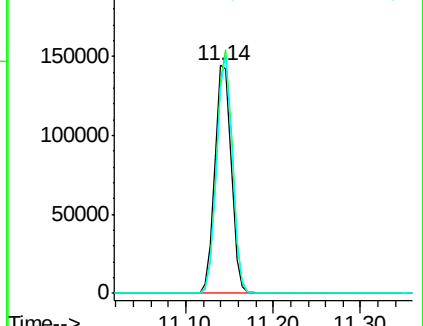
176 98.5 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

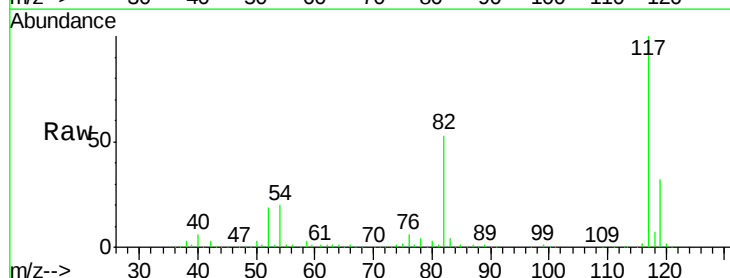
Tgt Ion: 117 Resp: 304087

Ion Ratio Lower Upper

117 100

82 53.1 40.0 60.0

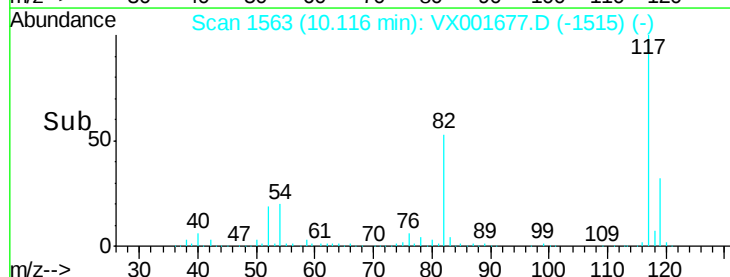
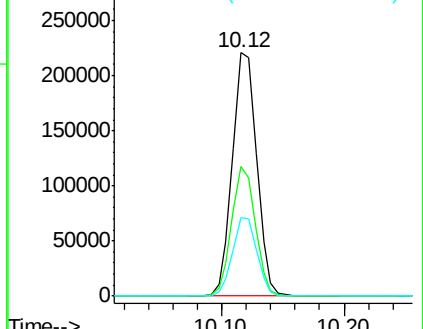
119 32.4 25.8 38.8

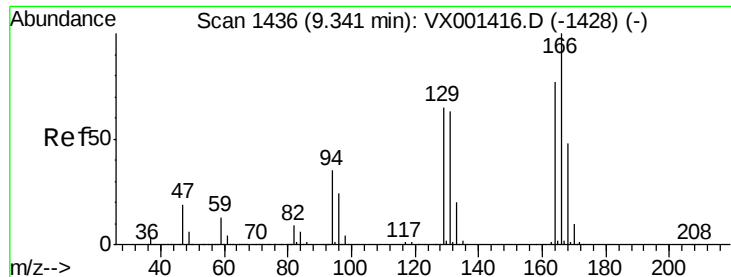


Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)





#64

Tetrachloroethene

Concen: 3.43 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS052MW159-180508

Tgt Ion:164 Resp: 14546

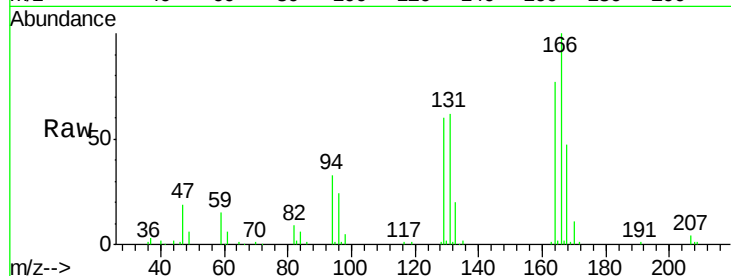
Ion Ratio Lower Upper

164 100

166 130.4 103.5 155.3

129 77.9 66.7 100.1

131 81.4 64.9 97.3

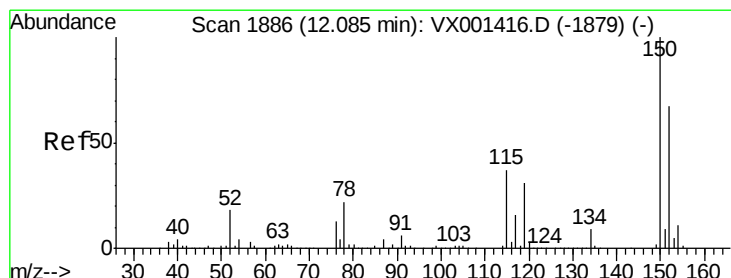
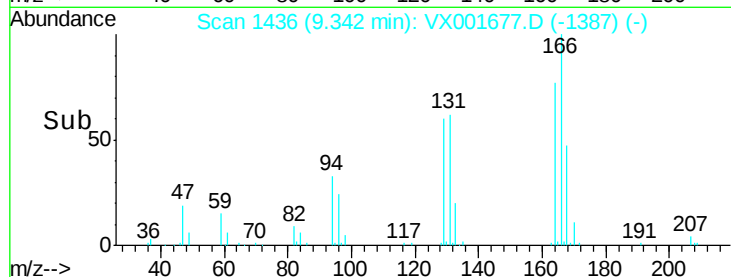
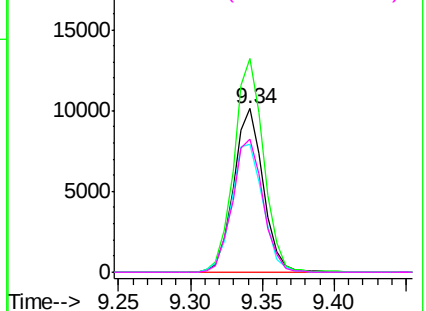


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

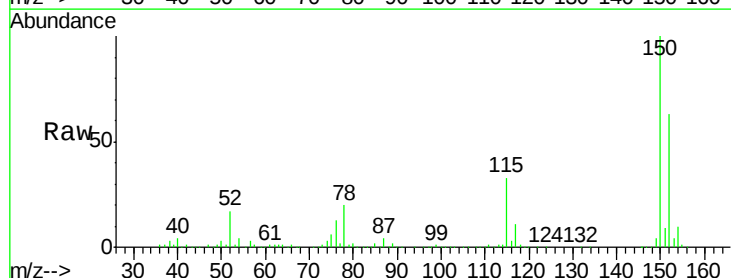
Tgt Ion:152 Resp: 157723

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

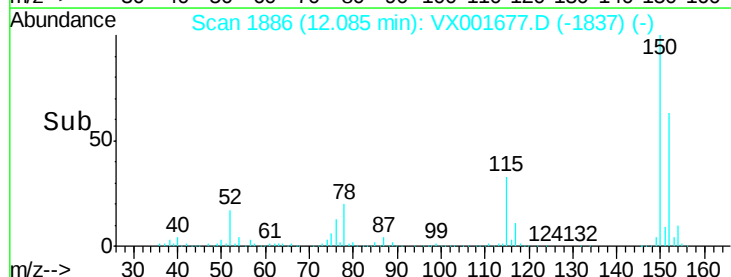
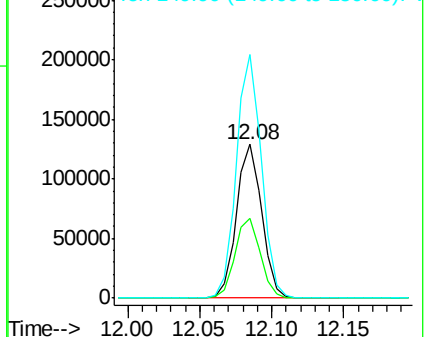
150 157.4 0.0 349.4

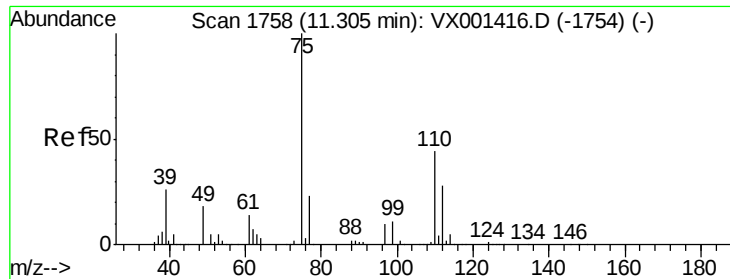


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

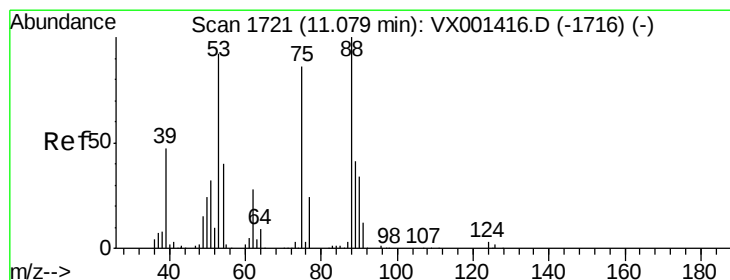
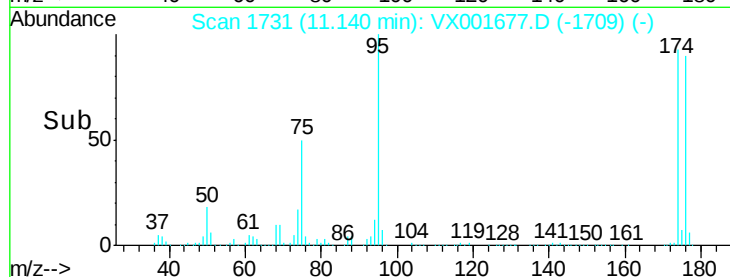
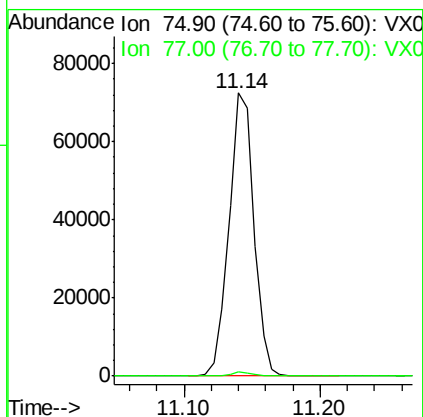
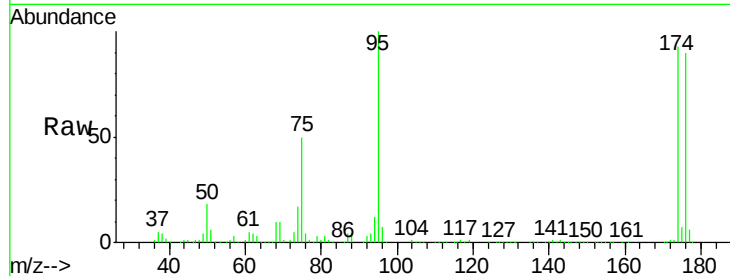




#76
 1,2,3-Trichloropropane
 Concen: 28.88 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW159-180508

Tgt Ion: 75 Resp: 92395
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.48 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

Tgt Ion: 75 Resp: 92395
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

