

Data File : VX001876.D

Acq On : 21 May 2018 14:37

Operator : JC/MD

Sample : J2884-10RE

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 7 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-180510RE

Quant Time: May 22 01:49:23 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	272919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	143391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182986	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	162964	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	8.72	98	558106	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	158975	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	1746	0.55	ug/l #	85
5) Bromomethane	1.66	94	721	Below	Cal #	66
6) Chloroethane	1.66	64	11726	5.82	ug/l #	55
10) Methyl Iodide	2.51	142	769	0.30	ug/l #	89
16) Acetone	2.45	43	18856	13.12	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	30045	8.89	ug/l	97
31) Cyclohexane	5.67	56	4152	0.90	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15680	3.73	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21845	4.96	ug/l #	16
44) Trichloroethene	7.21	130	2315	0.60	ug/l	86
76) 1,2,3-Trichloropropane	11.14	75	72664	26.65	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	72664	77.47	ug/l #	10

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

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Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-180510RE

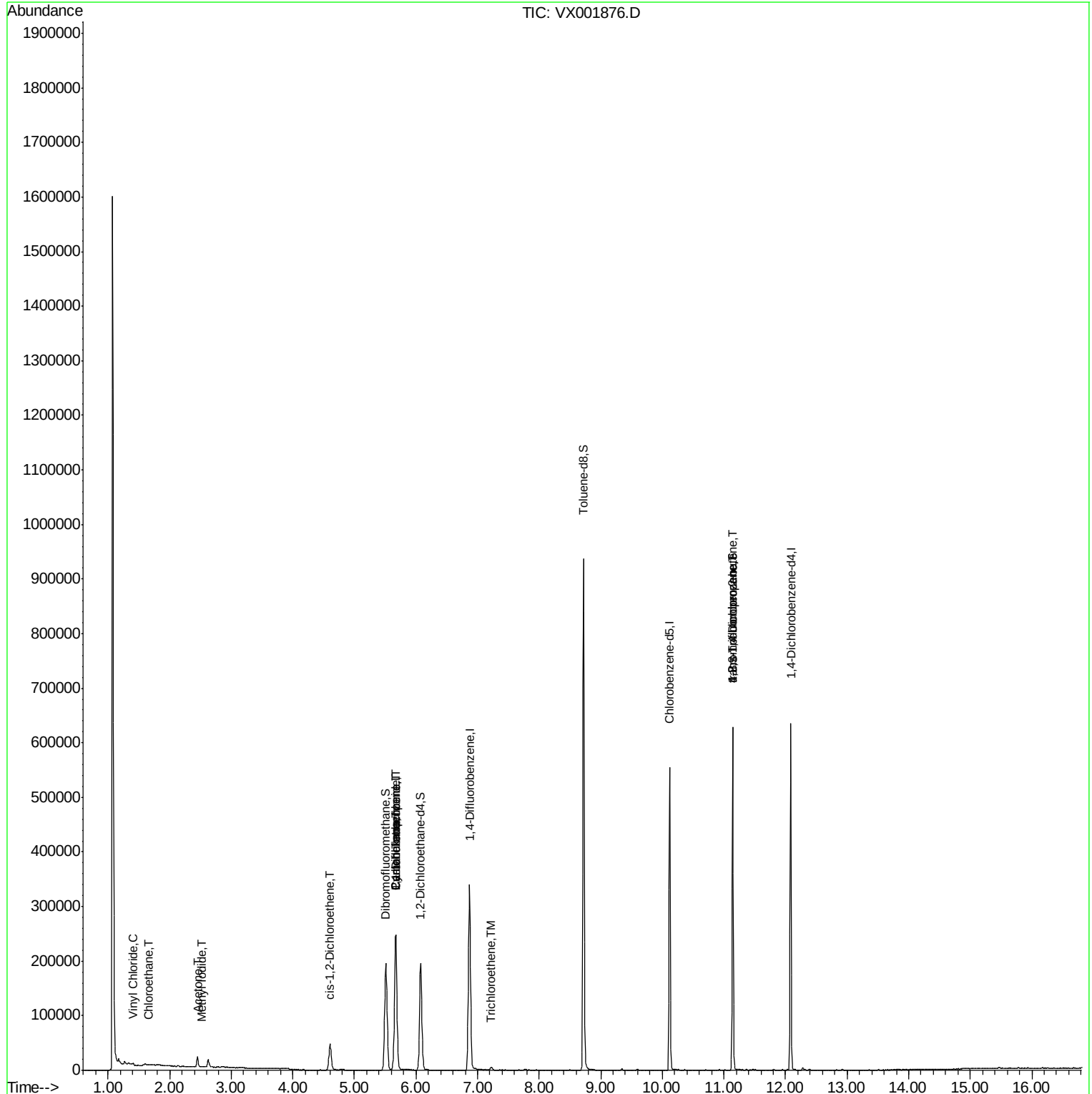
Quant Time: May 22 01:49:23 2018

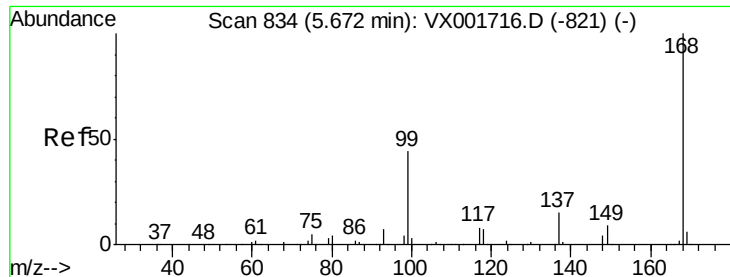
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

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: VX001876.D

Acq: 21 May 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

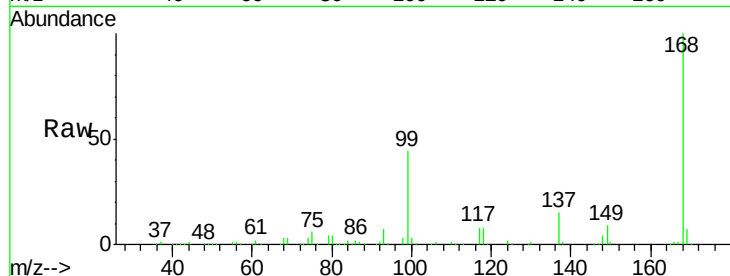
KY037MW090-180510RE

Tgt Ion:168 Resp: 272919

Ion Ratio Lower Upper

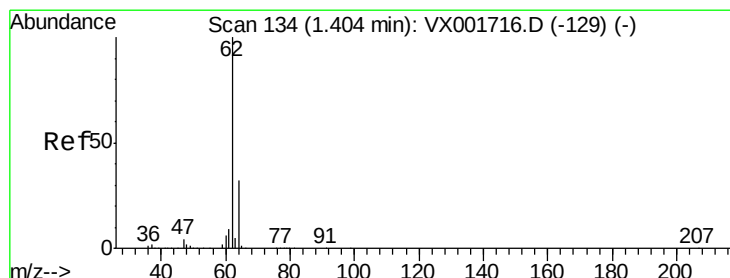
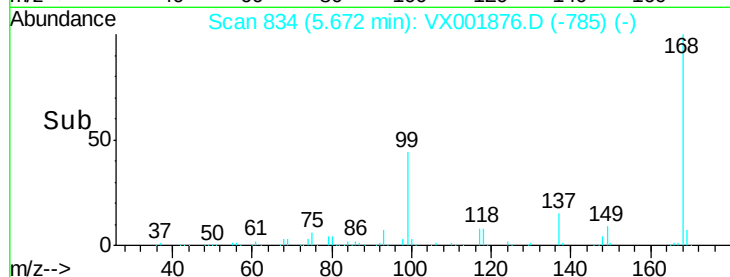
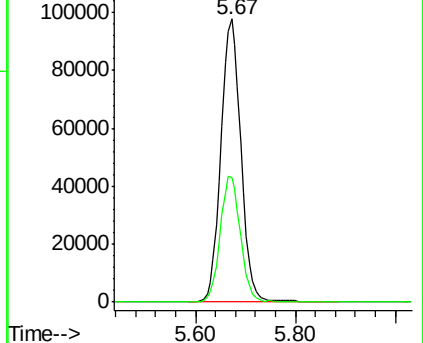
168 100

99 44.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001876.D

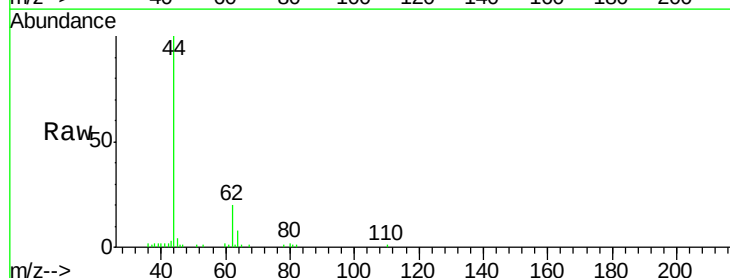
Acq: 21 May 2018 14:37

Tgt Ion: 62 Resp: 1746

Ion Ratio Lower Upper

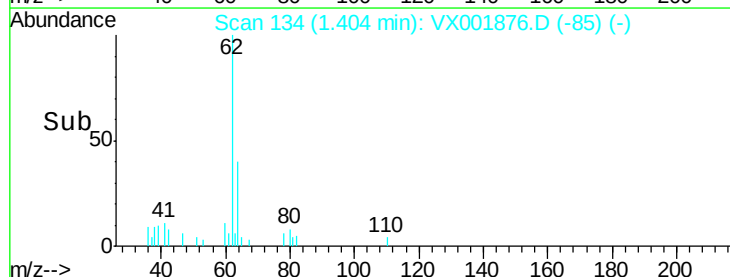
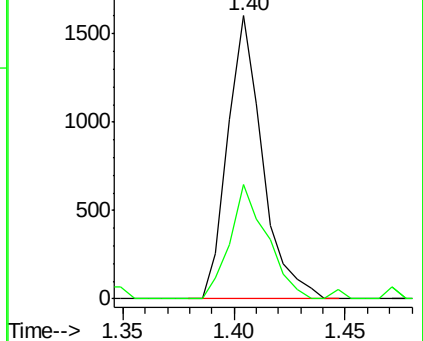
62 100

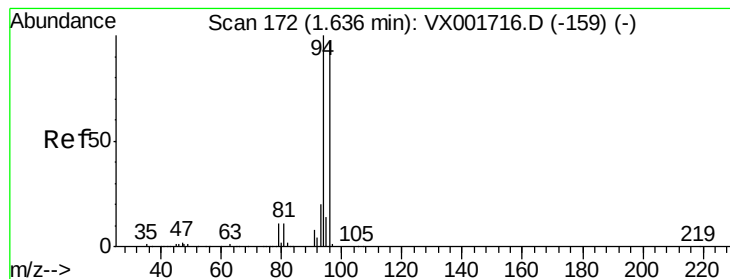
64 40.3 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

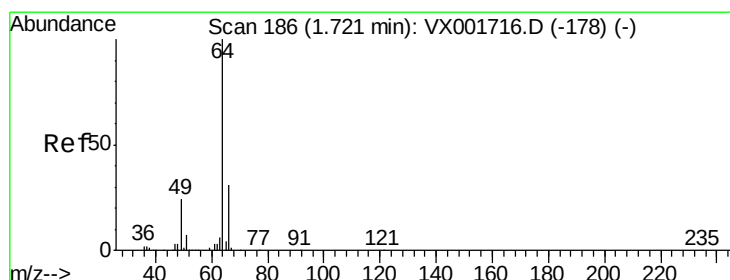
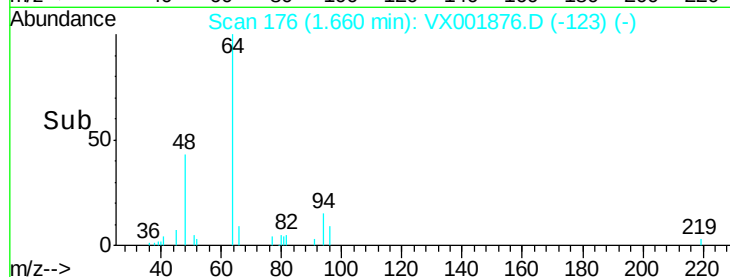
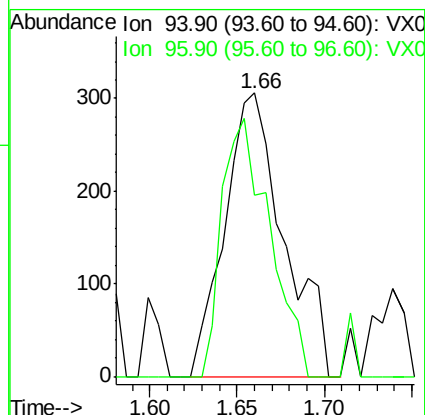
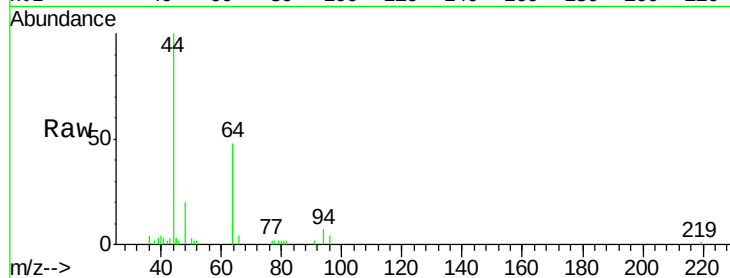
KY037MW090-180510RE

Tgt Ion: 94 Resp: 721

Ion Ratio Lower Upper

94 100

96 63.7 77.4 116.0#



#6

Chloroethane

Concen: 5.82 ug/l

RT: 1.66 min Scan# 176

Delta R.T. -0.06 min

Lab File: VX001876.D

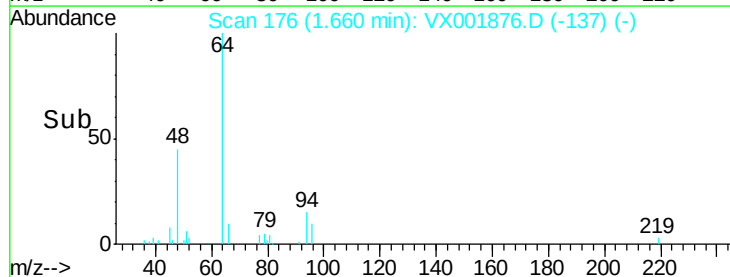
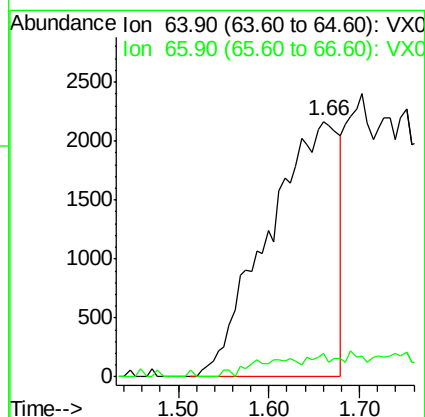
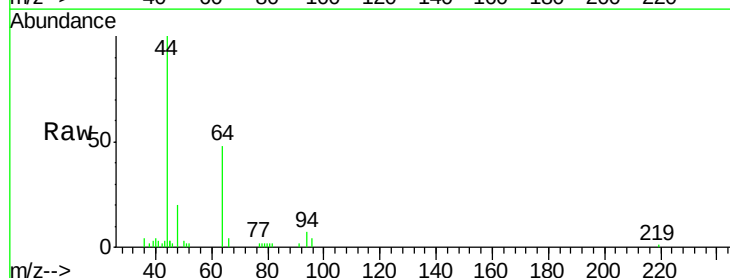
Acq: 21 May 2018 14:37

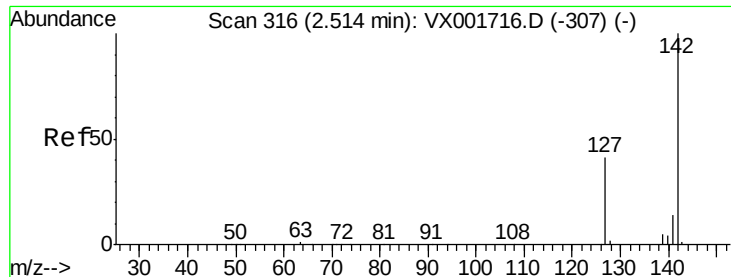
Tgt Ion: 64 Resp: 11726

Ion Ratio Lower Upper

64 100

66 6.6 25.2 37.8#

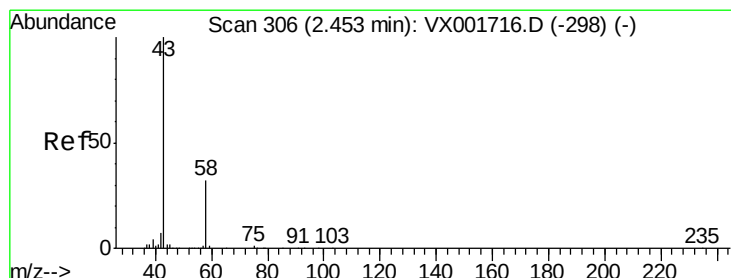
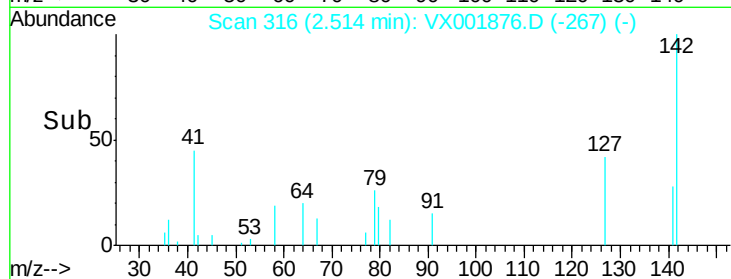
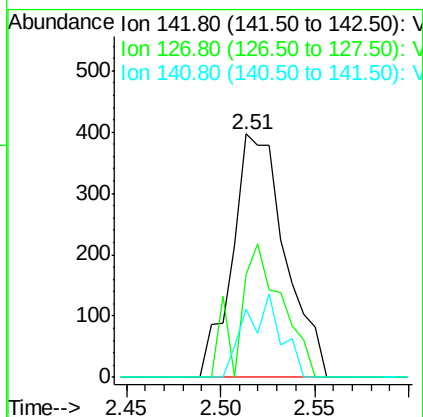
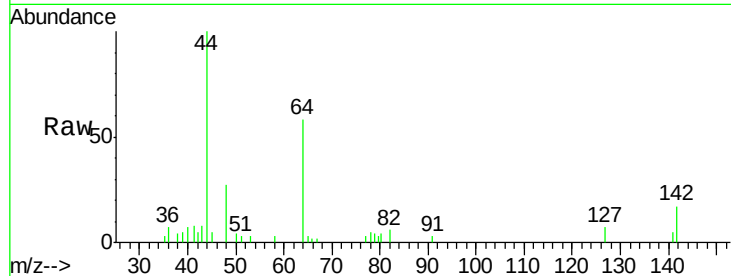




#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001876.D
Acq: 21 May 2018 14:37

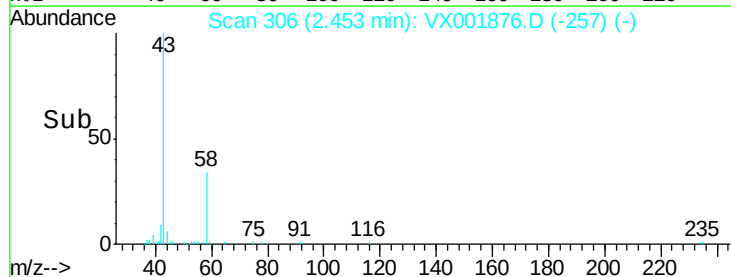
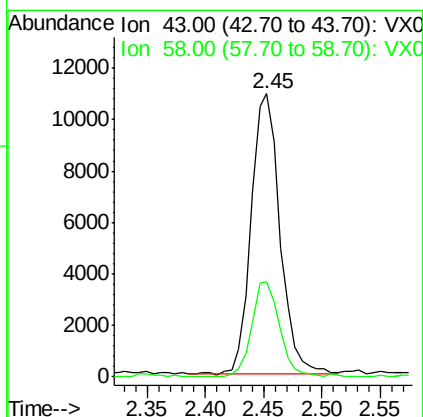
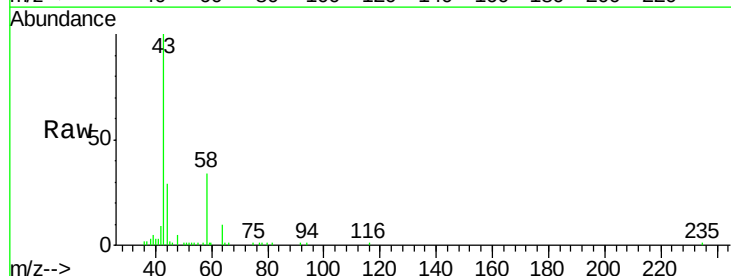
Instrument :
MSVOA_X
ClientSampleId :
KY037MW090-180510RE

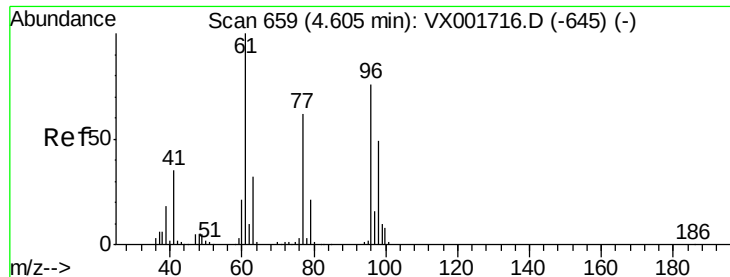
Tgt Ion:142 Resp: 769
Ion Ratio Lower Upper
142 100
127 45.0 32.5 48.7
141 23.1 11.4 17.0#



#16
Acetone
Concen: 13.12 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001876.D
Acq: 21 May 2018 14:37

Tgt Ion: 43 Resp: 18856
Ion Ratio Lower Upper
43 100
58 34.0 25.3 37.9





#27

cis-1,2-Dichloroethene

Concen: 8.89 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-180510RE

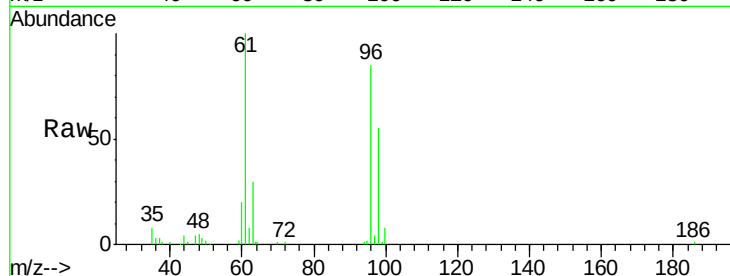
Tgt Ion: 96 Resp: 30045

Ion Ratio Lower Upper

96 100

61 135.3 0.0 280.4

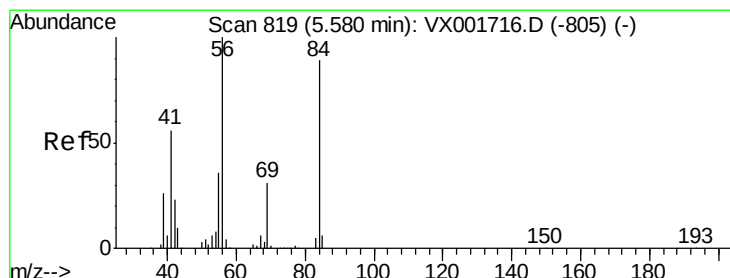
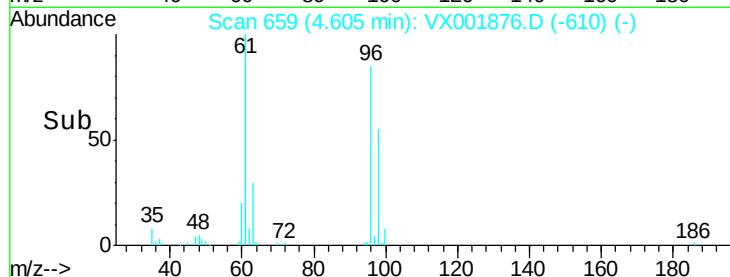
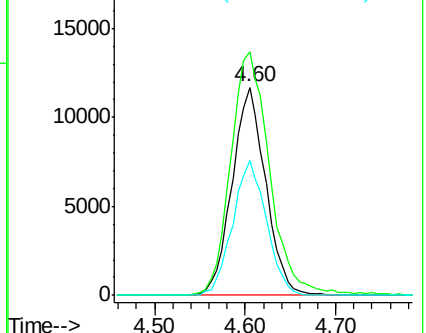
98 65.2 0.0 128.4



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



#31

Cyclohexane

Concen: 0.90 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

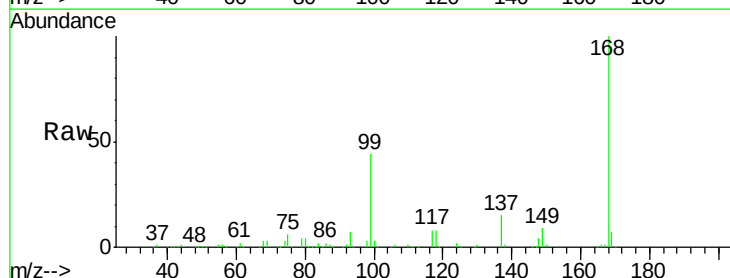
Tgt Ion: 56 Resp: 4152

Ion Ratio Lower Upper

56 100

69 185.5 25.0 37.6#

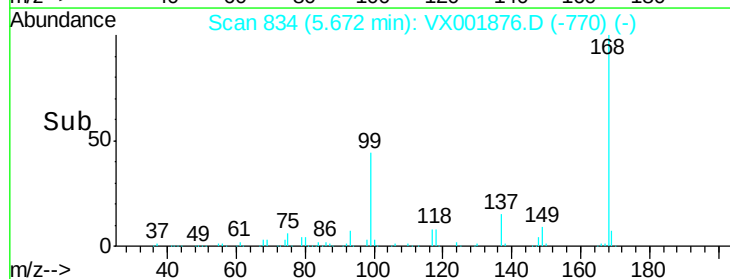
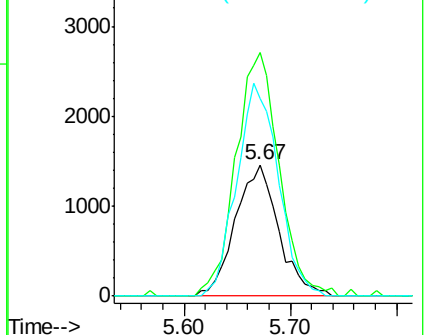
84 150.8 71.0 106.4#

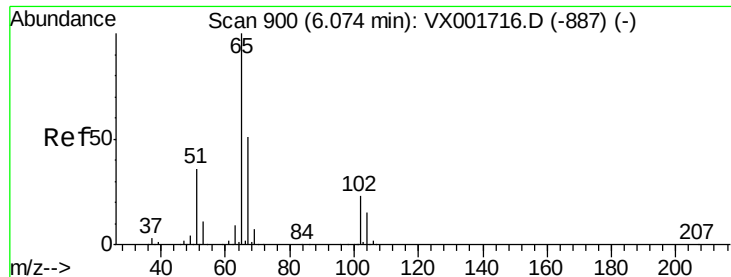


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

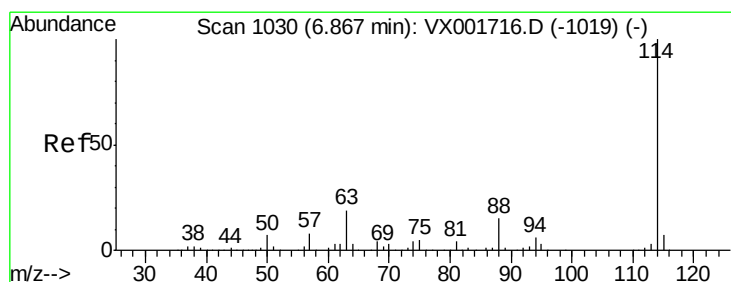
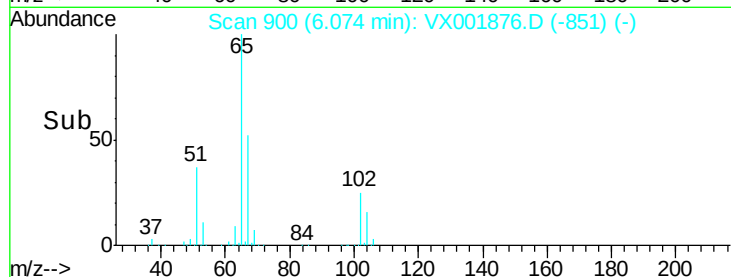
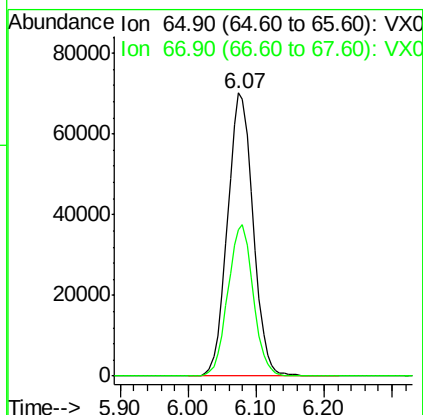
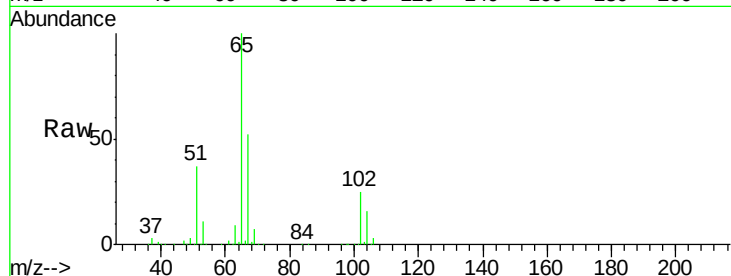




#33
 1,2-Dichloroethane-d4
 Concen: 50.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001876.D
 Acq: 21 May 2018 14:37

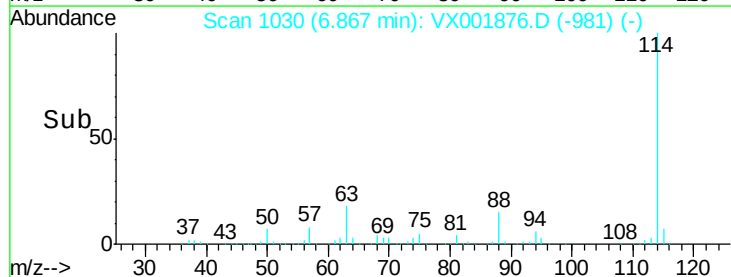
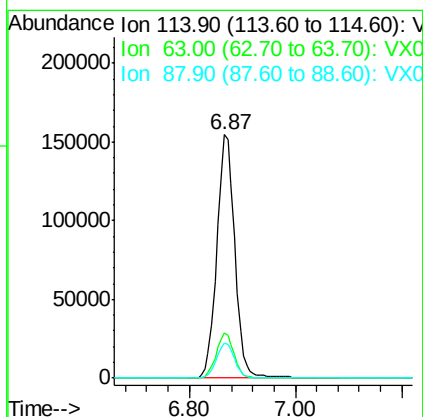
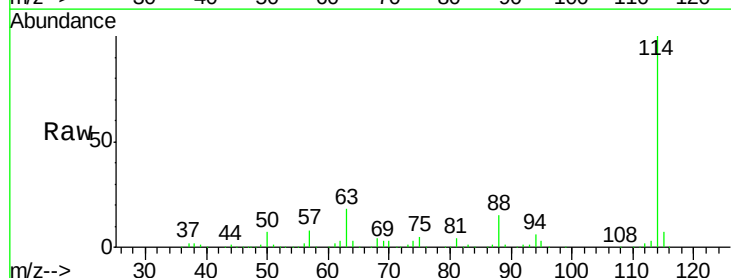
Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW090-180510RE

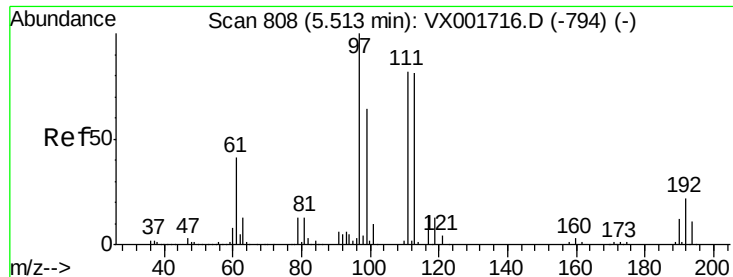
Tgt Ion: 65 Resp: 182986
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001876.D
 Acq: 21 May 2018 14:37

Tgt Ion: 114 Resp: 365549
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 14.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-180510RE

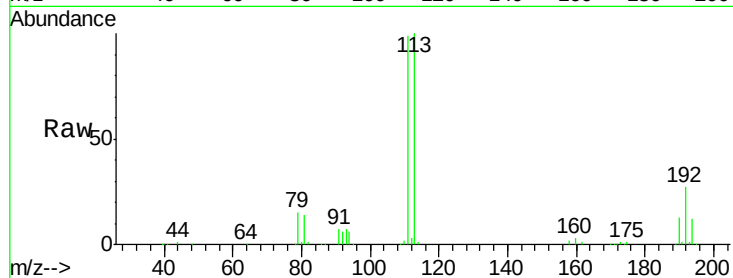
Tgt Ion:113 Resp: 162964

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

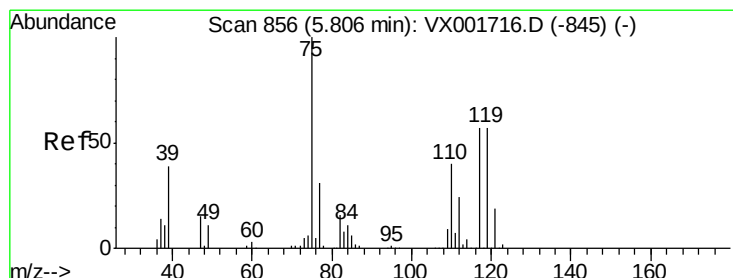
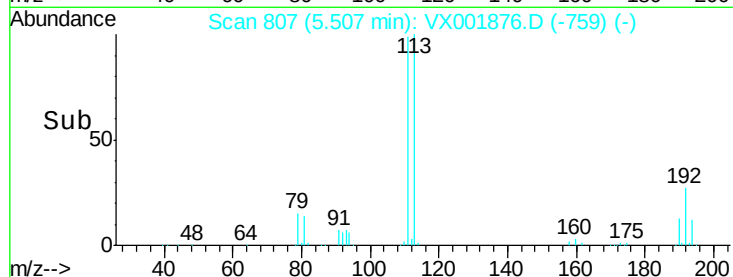
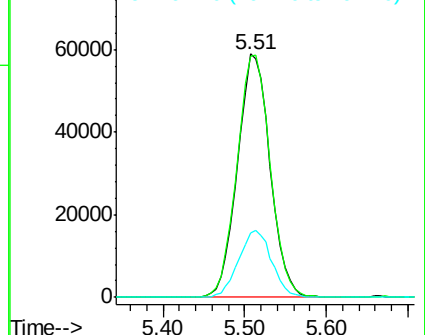
192 27.9 21.6 32.4



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: 3.73 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

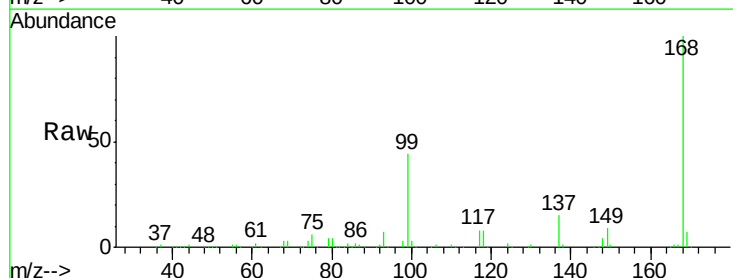
Tgt Ion: 75 Resp: 15680

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.1#

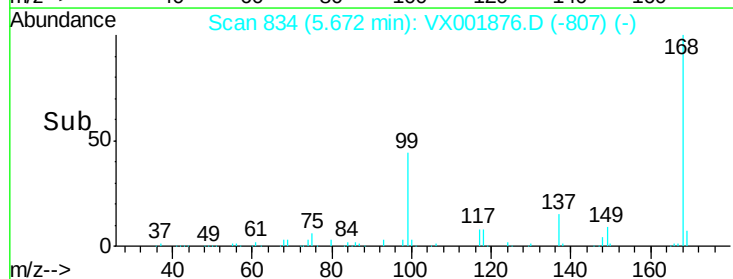
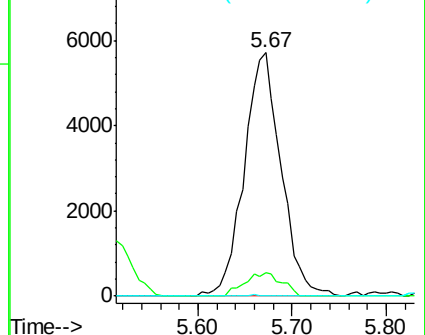
77 0.1 24.6 37.0#

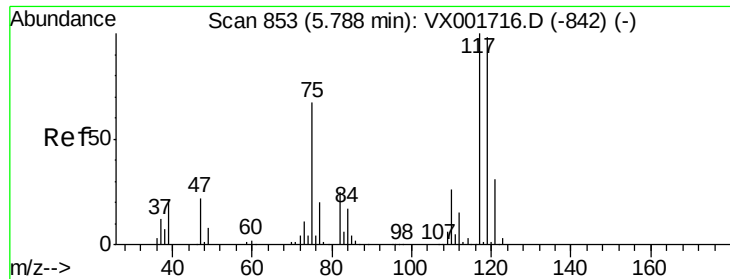


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

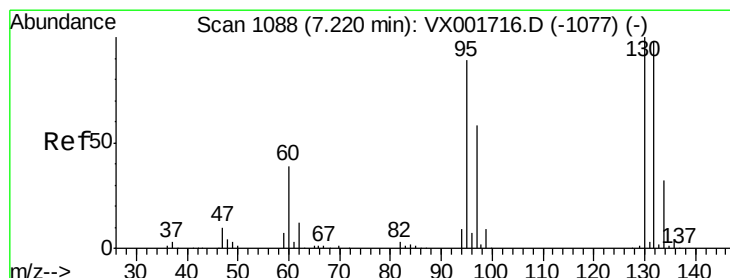
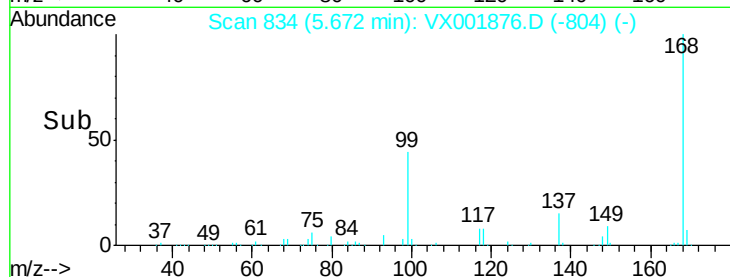
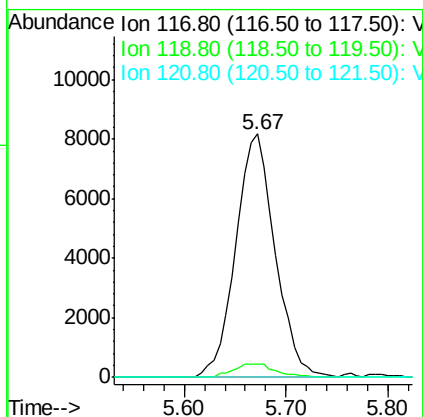
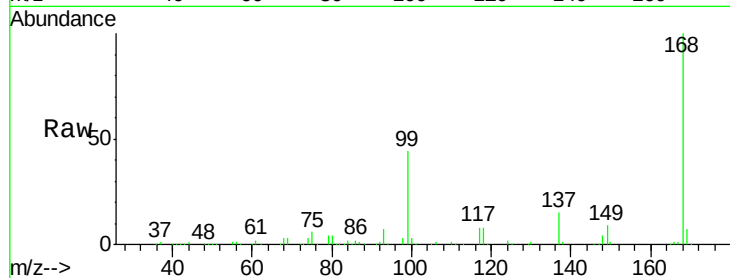




#38
Carbon Tetrachloride
Concen: 4.96 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001876.D
Acq: 21 May 2018 14:37

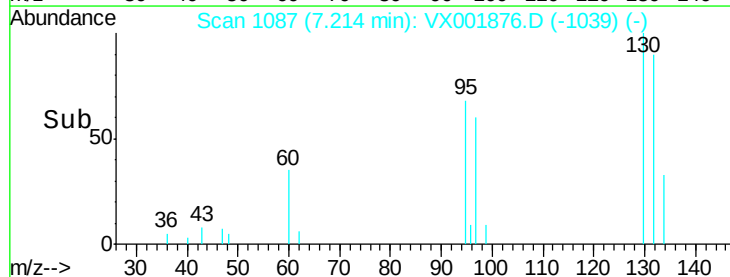
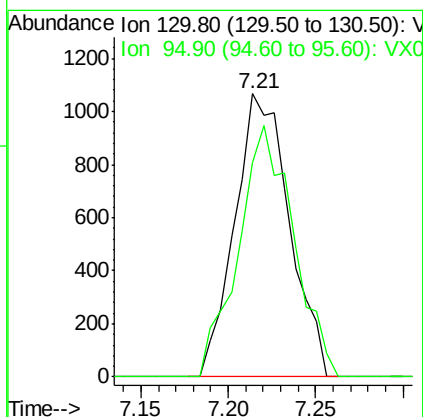
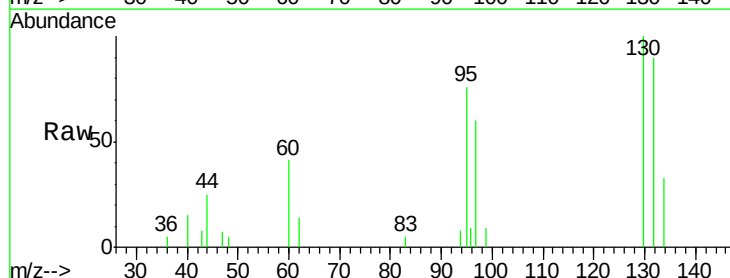
Instrument :
MSVOA_X
ClientSampleId :
KY037MW090-180510RE

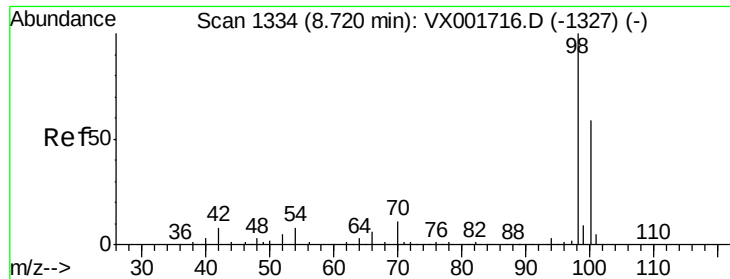
Tgt Ion:117 Resp: 21845
Ion Ratio Lower Upper
117 100
119 5.7 77.6 116.4#
121 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 0.60 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001876.D
Acq: 21 May 2018 14:37

Tgt Ion:130 Resp: 2315
Ion Ratio Lower Upper
130 100
95 75.5 0.0 177.2





#50

Toluene-d8

Concen: 50.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

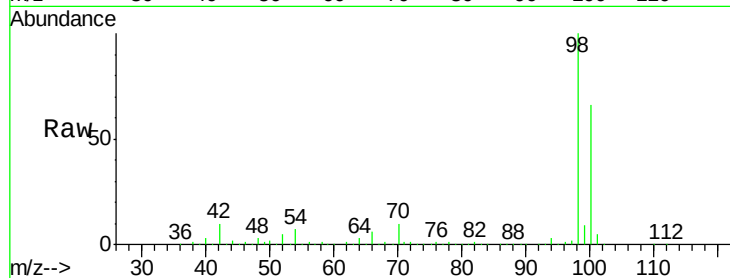
KY037MW090-180510RE

Tgt Ion: 98 Resp: 558106

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): V

8.72

400000

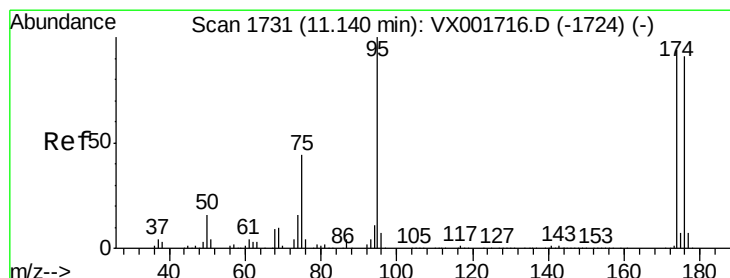
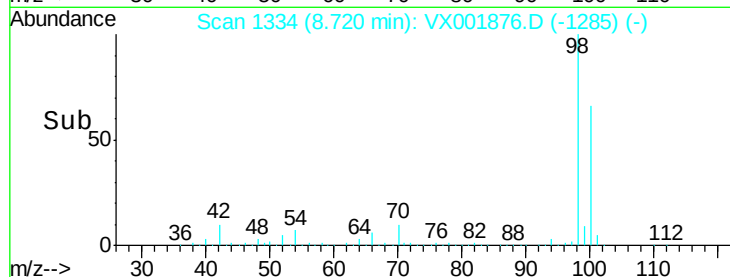
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

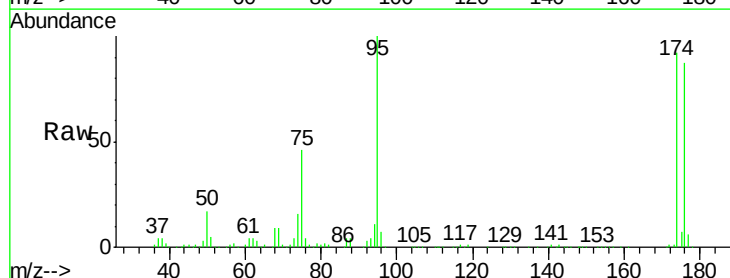
Tgt Ion: 95 Resp: 158975

Ion Ratio Lower Upper

95 100

174 103.4 0.0 201.8

176 98.8 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

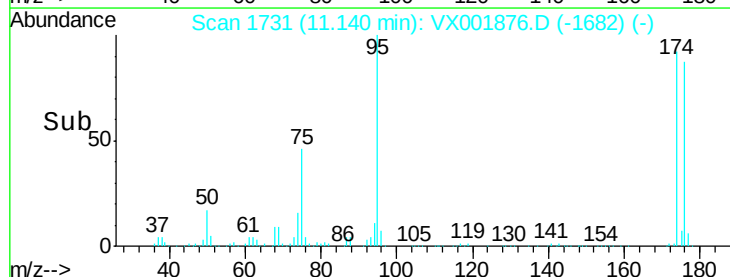
150000

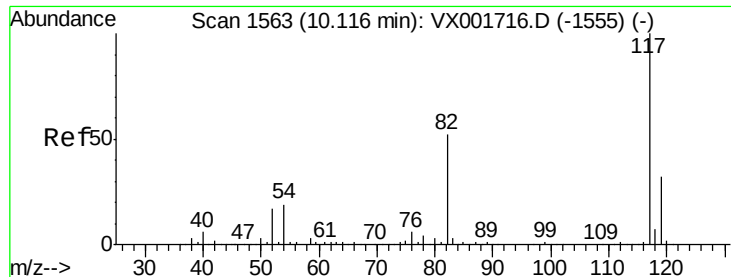
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

KY037MW090-180510RE

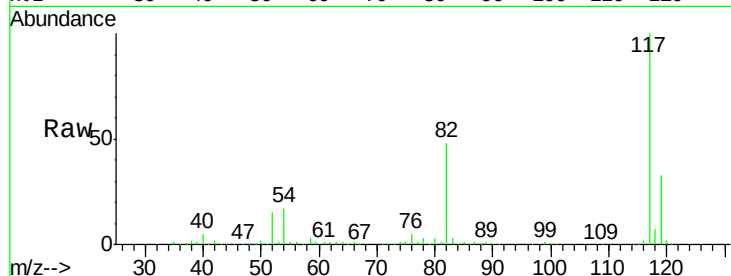
Tgt Ion:117 Resp: 274492

Ion Ratio Lower Upper

117 100

82 48.3 41.4 62.2

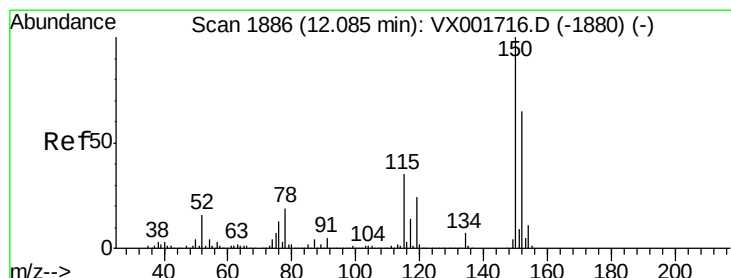
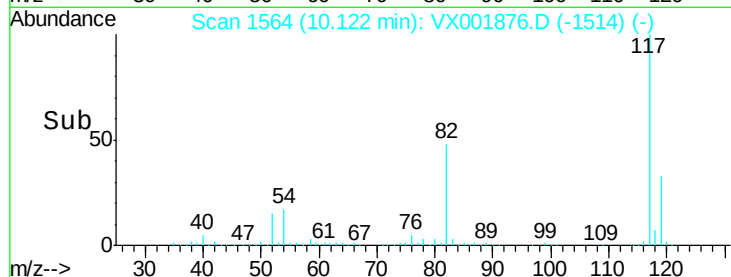
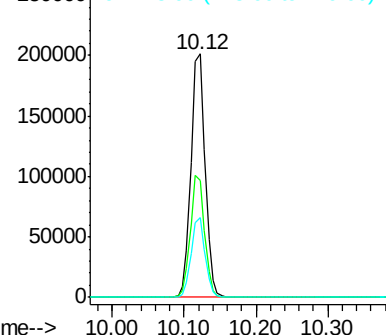
119 32.6 25.6 38.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001876.D

Acq: 21 May 2018 14:37

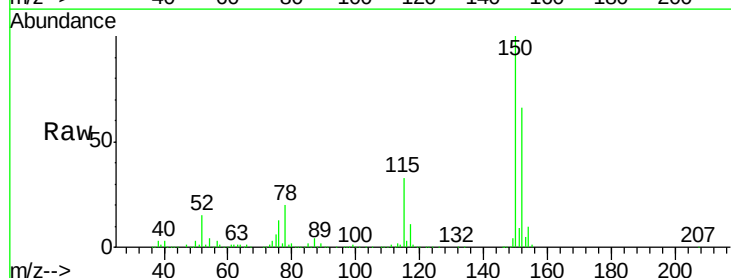
Tgt Ion:152 Resp: 143391

Ion Ratio Lower Upper

152 100

115 51.1 37.4 112.2

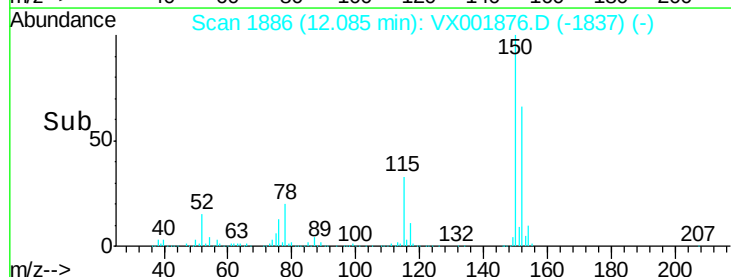
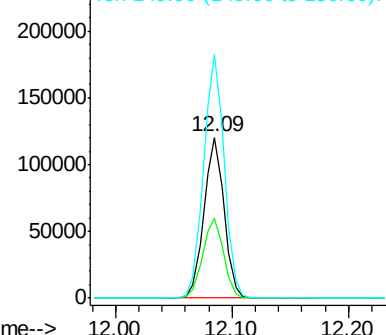
150 155.5 0.0 344.8

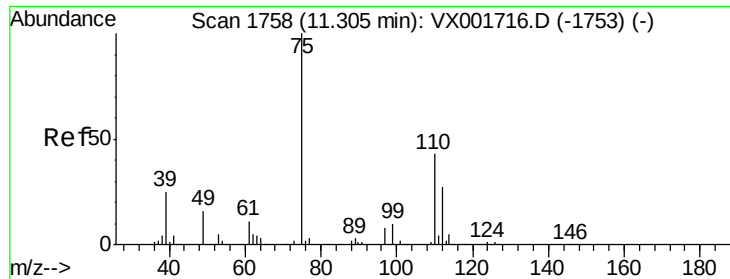


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

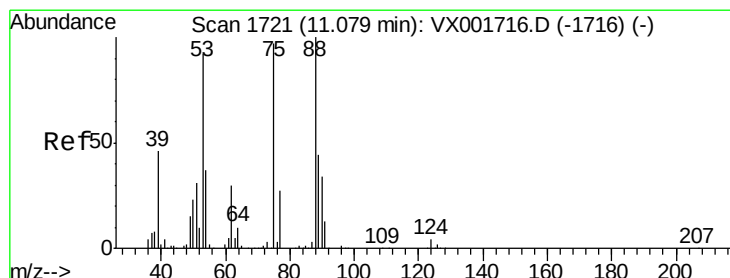
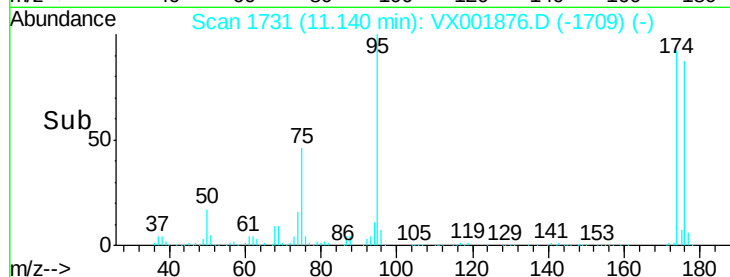
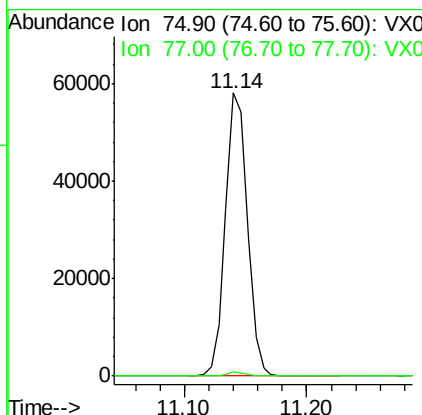
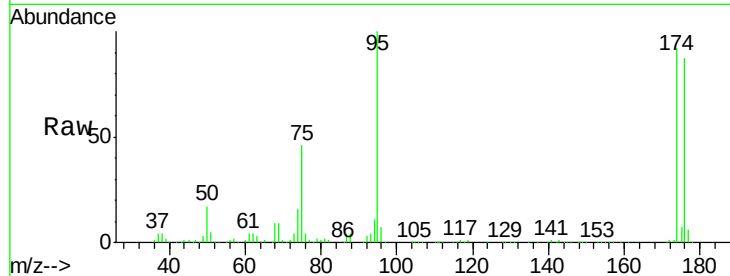




#76
 1,2,3-Trichloropropane
 Concen: 26.65 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001876.D
 Acq: 21 May 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW090-180510RE

Tgt Ion: 75 Resp: 72664
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001876.D
 Acq: 21 May 2018 14:37

Tgt Ion: 75 Resp: 72664
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.2#
 89 0.0 38.8 58.2#

