

Data File : VX001739.D

Acq On : 15 May 2018 12:27

Operator : JC/MD

Sample : J2737-08DL 10X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

Quant Time: May 16 04:04:21 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	269553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194494	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	5.51	113	160266	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	8.72	98	570772	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	171634	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	

Target Compounds

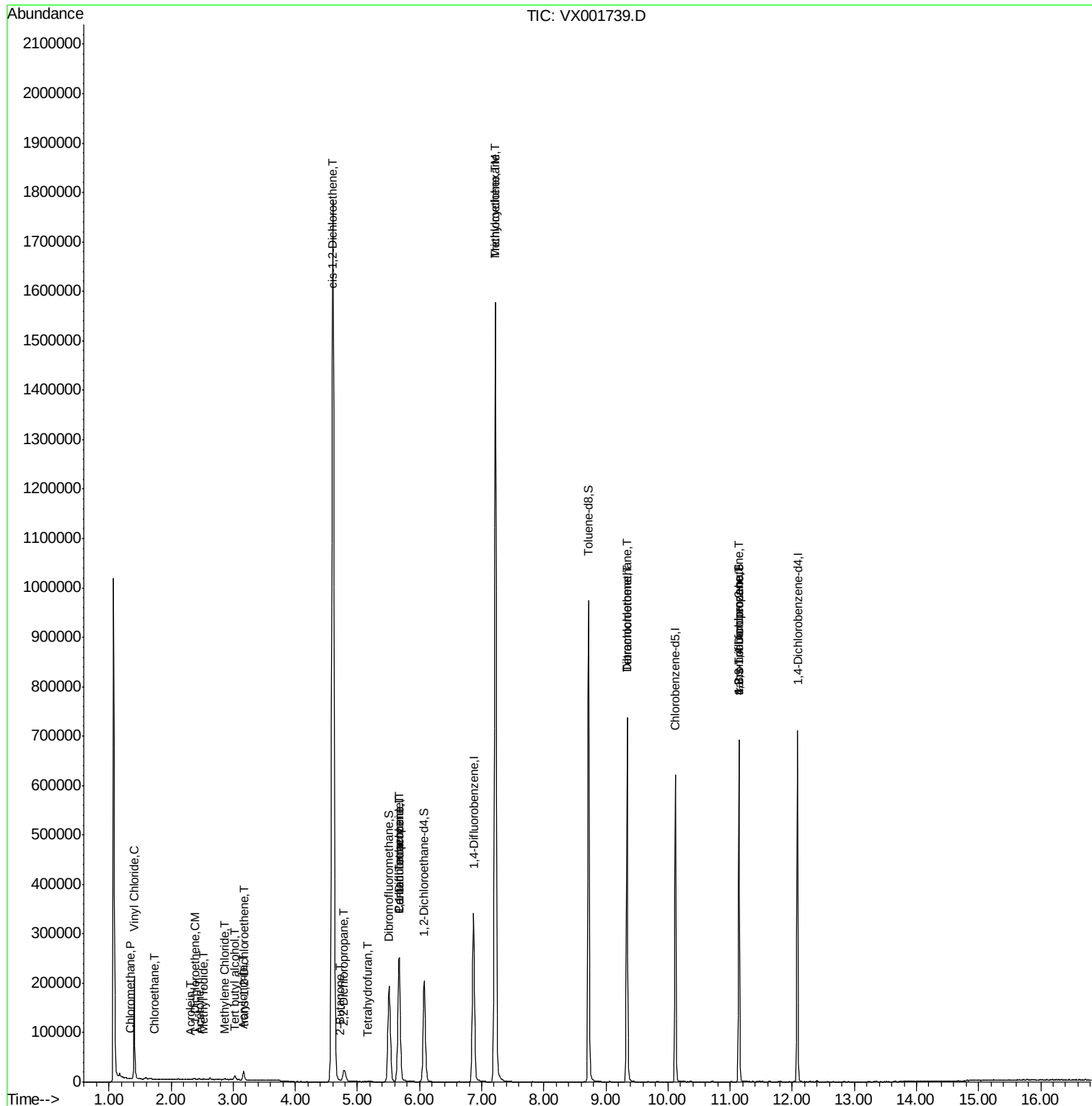
						Qvalue
3) Chloromethane	1.33	50	752	0.26	ug/l	92
4) Vinyl Chloride	1.40	62	131078	41.49	ug/l	99
5) Bromomethane	1.66	94	1481	Below	Cal	86
6) Chloroethane	1.73	64	480	0.24	ug/l	96
10) Methyl Iodide	2.51	142	1901	0.75	ug/l	98
11) Tert butyl alcohol	3.03	59	5068	7.90	ug/l #	78
12) 1,1-Dichloroethene	2.39	96	991	0.37	ug/l #	51
13) Acrolein	2.31	56	207	0.45	ug/l #	68
15) Acrylonitrile	3.15	53	384	0.24	ug/l #	75
16) Acetone	2.45	43	2577	1.82	ug/l	99
20) Methylene Chloride	2.86	84	1237	0.41	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	6870	2.34	ug/l	92
25) 2-Butanone	4.72	43	488	0.22	ug/l #	90
26) 2,2-Dichloropropane	4.78	77	1911	0.46	ug/l #	52
27) cis-1,2-Dichloroethene	4.60	96	1163833	348.48	ug/l	90
29) Tetrahydrofuran	5.16	42	322	0.23	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	16306	3.91	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22796	5.22	ug/l #	16
39) Methylcyclohexane	7.22	83	6934	1.42	ug/l #	1
44) Trichloroethene	7.22	130	645297	169.14	ug/l	100
60) Dibromochloromethane	9.34	129	135623	43.87	ug/l #	11
64) Tetrachloroethene	9.34	164	162964	41.77	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	82764	27.98	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	82764	81.18	ug/l #	10

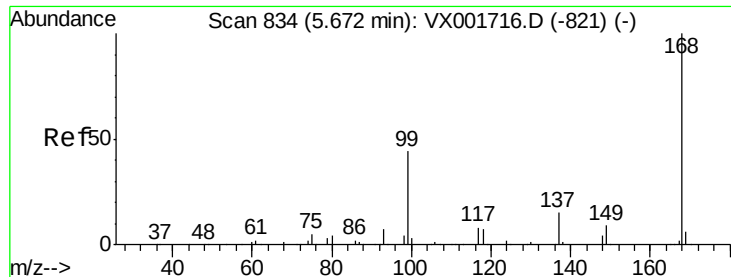
(#)=qualifier out of range (m)=manual integration (+)=signals summed

Data File : VX001739.D
Acq On : 15 May 2018 12:27
Operator : JC/MD
Sample : J2737-08DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503

Quant Time: May 16 04:04:21 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: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

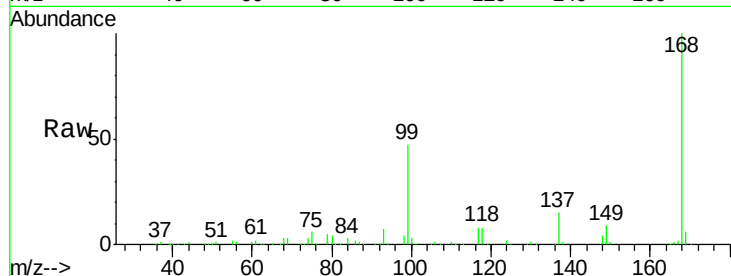
KY062MW128-180503

Tgt Ion: 168 Resp: 269553

Ion Ratio Lower Upper

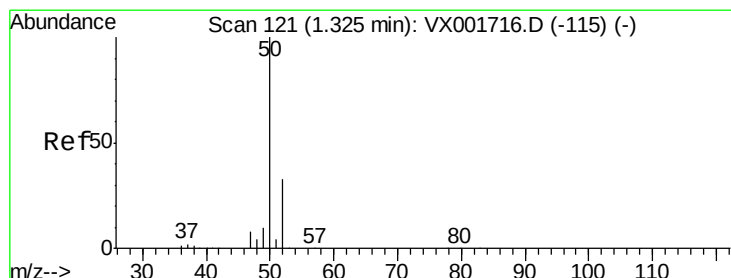
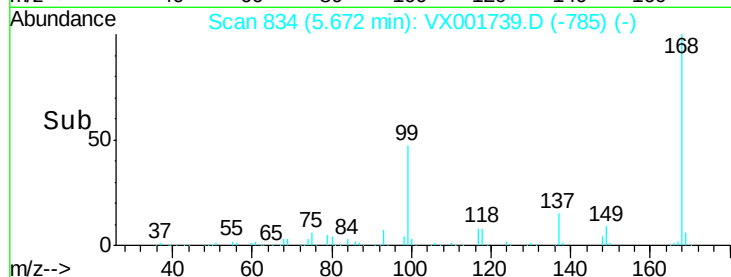
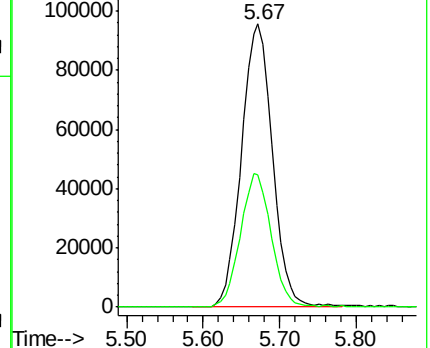
168 100

99 46.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.26 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX001739.D

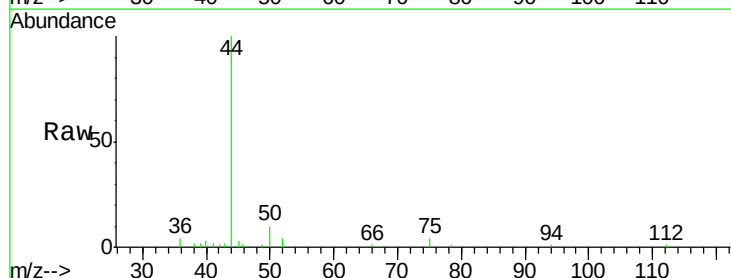
Acq: 15 May 2018 12:27

Tgt Ion: 50 Resp: 752

Ion Ratio Lower Upper

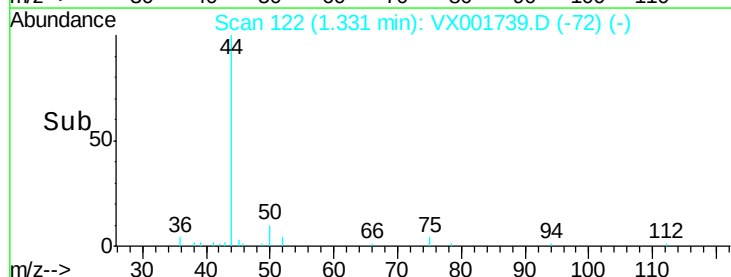
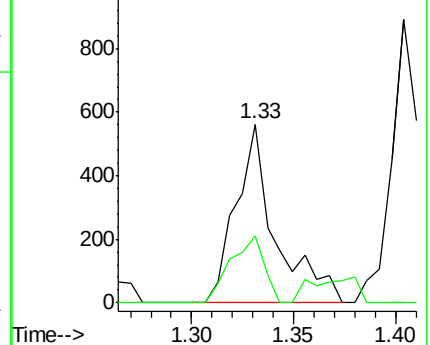
50 100

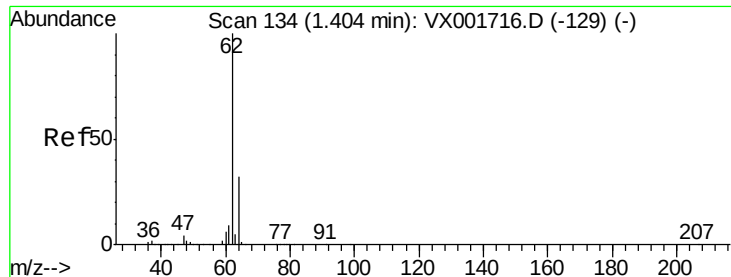
52 37.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 41.49 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

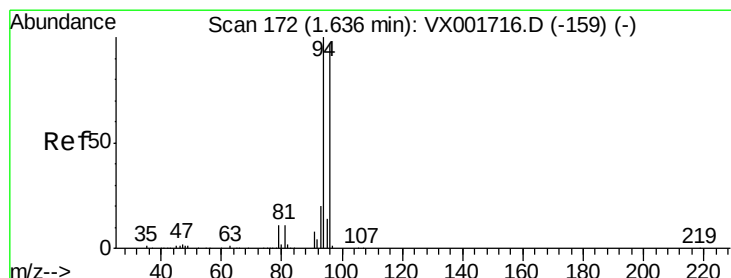
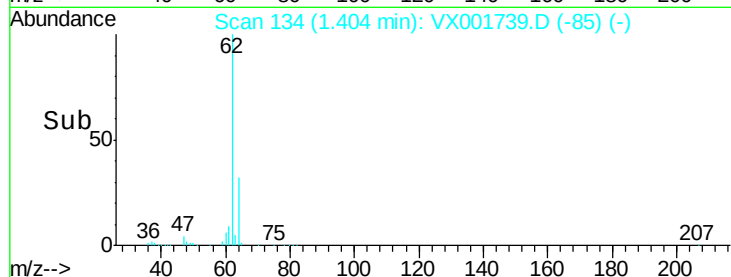
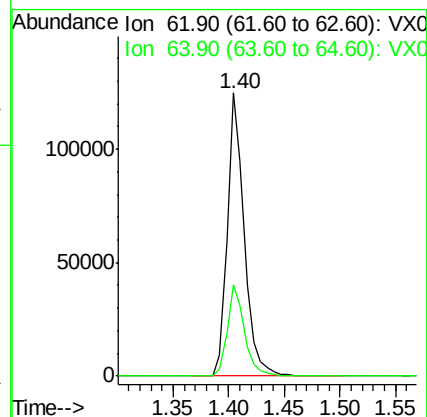
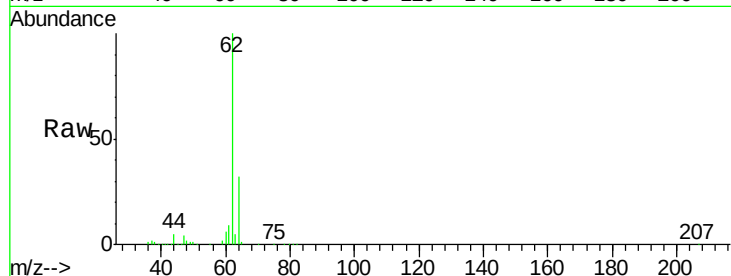
KY062MW128-180503

Tgt Ion: 62 Resp: 131078

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001739.D

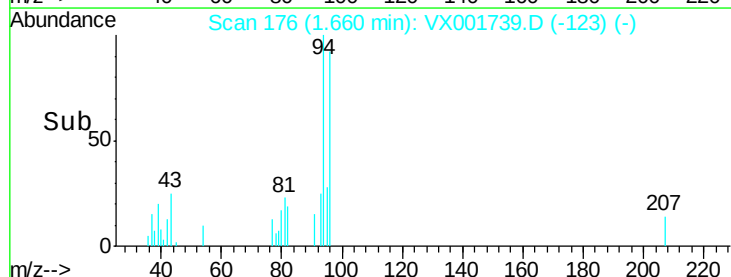
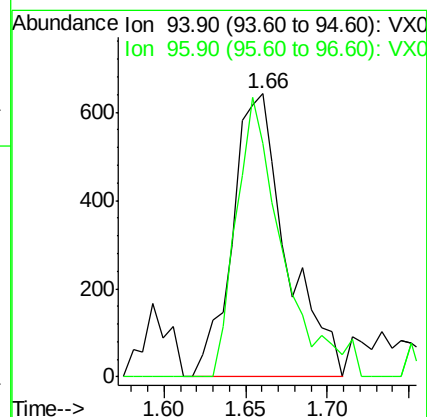
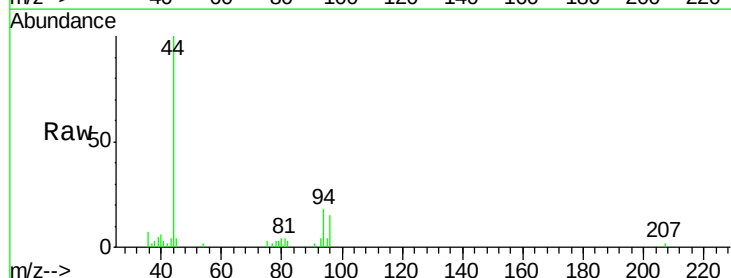
Acq: 15 May 2018 12:27

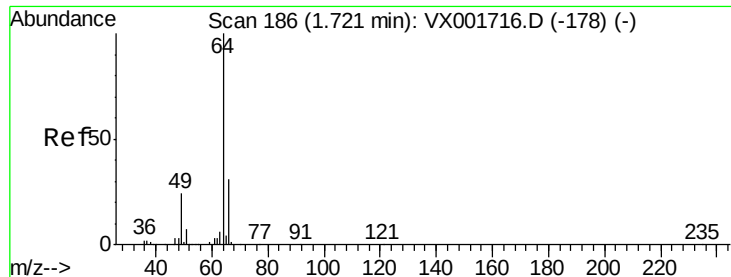
Tgt Ion: 94 Resp: 1481

Ion Ratio Lower Upper

94 100

96 82.6 77.4 116.0





#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

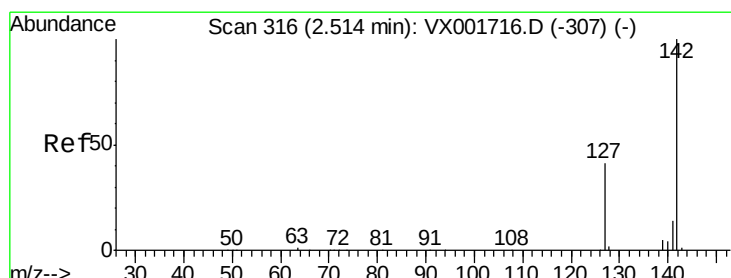
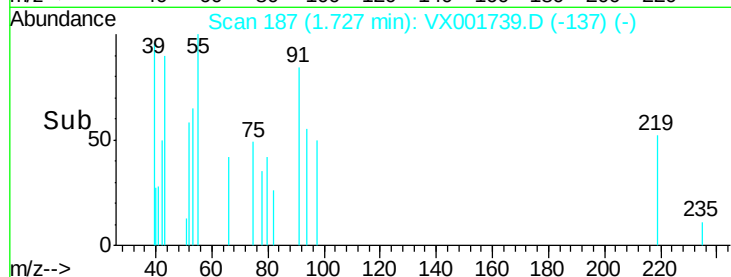
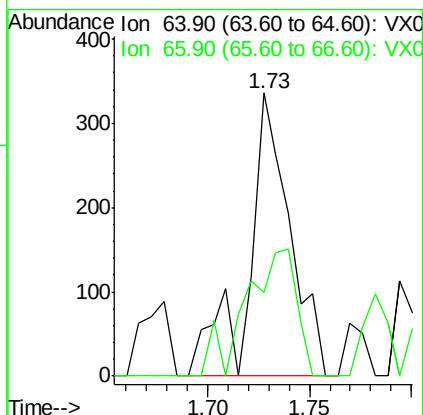
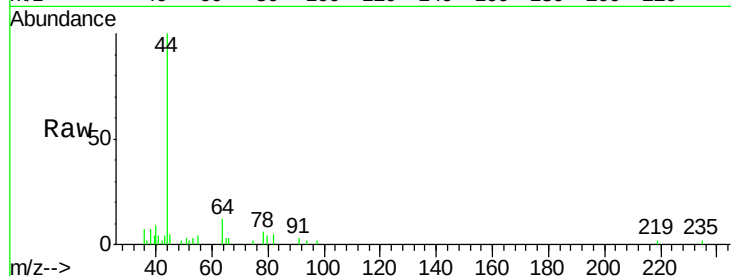
KY062MW128-180503

Tgt Ion: 64 Resp: 480

Ion Ratio Lower Upper

64 100

66 29.5 25.2 37.8



#10

Methyl Iodide

Concen: 0.75 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

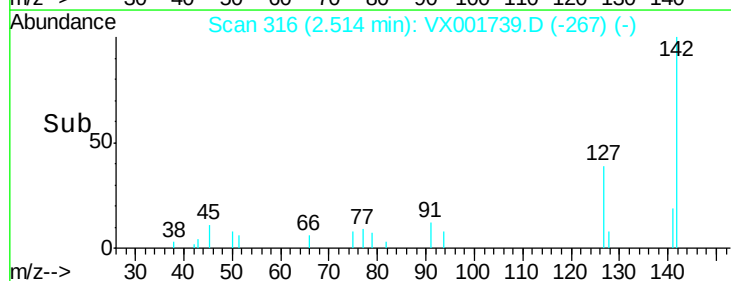
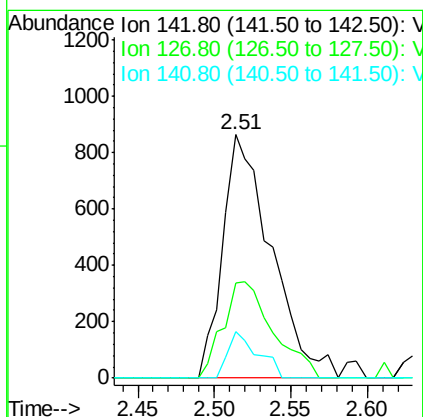
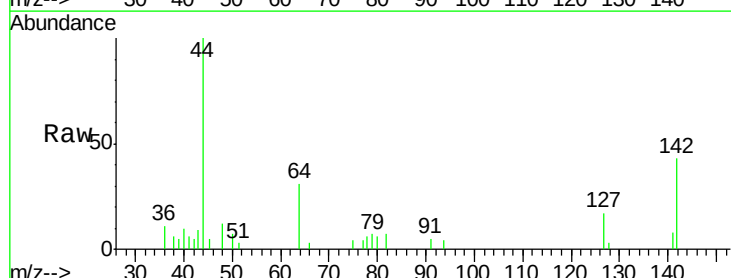
Tgt Ion: 142 Resp: 1901

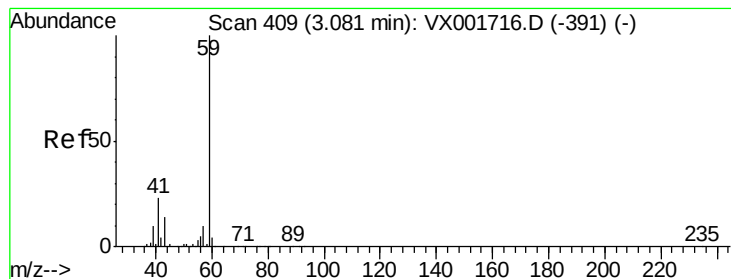
Ion Ratio Lower Upper

142 100

127 40.9 32.5 48.7

141 11.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 7.90 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.05 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

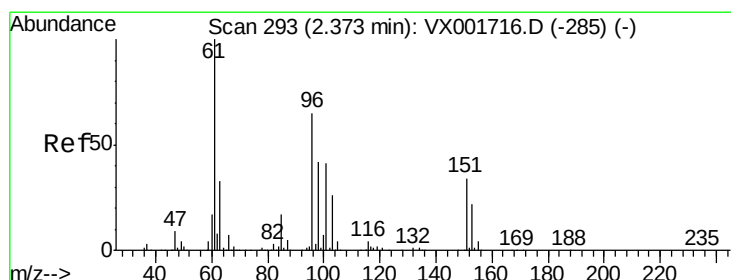
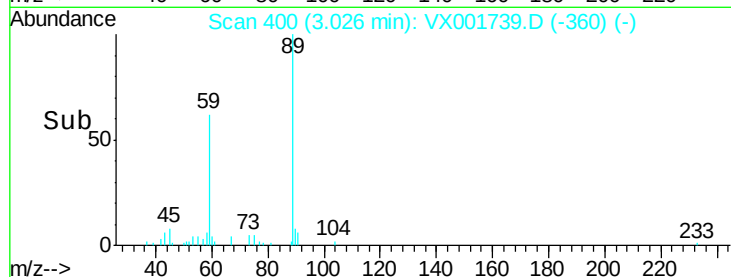
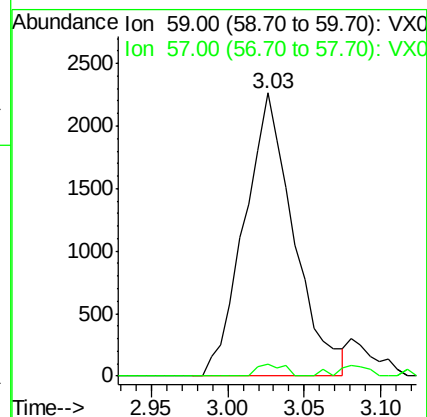
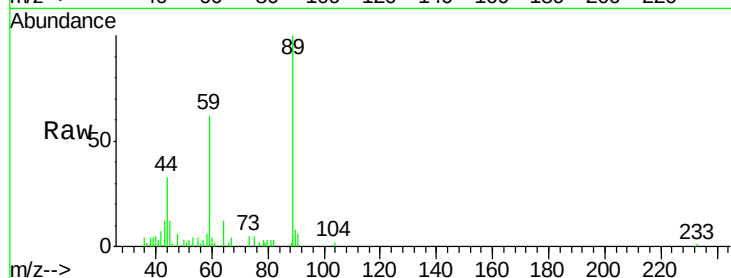
KY062MW128-180503

Tgt Ion: 59 Resp: 5068

Ion Ratio Lower Upper

59 100

57 2.3 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.37 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

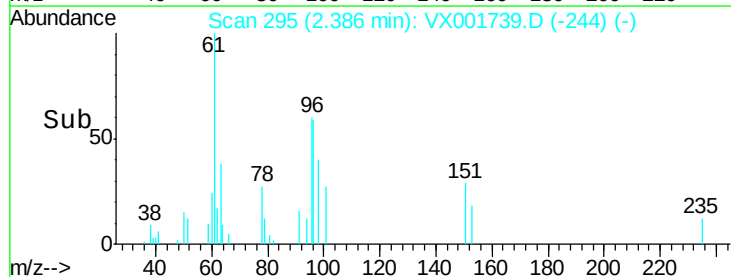
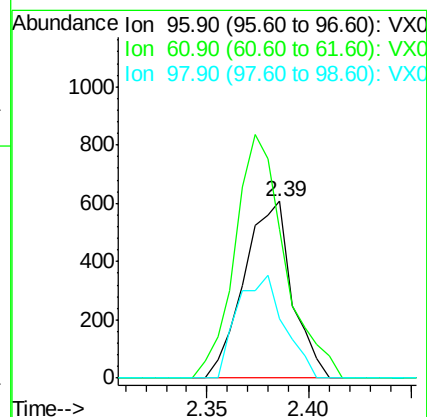
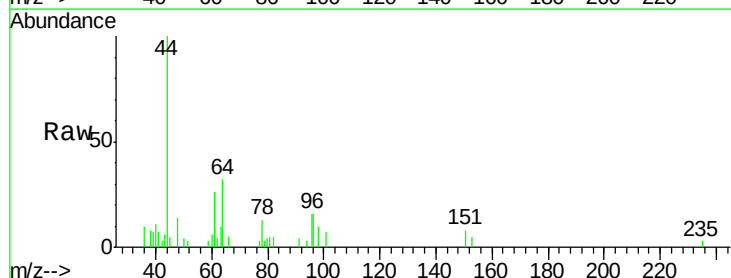
Tgt Ion: 96 Resp: 991

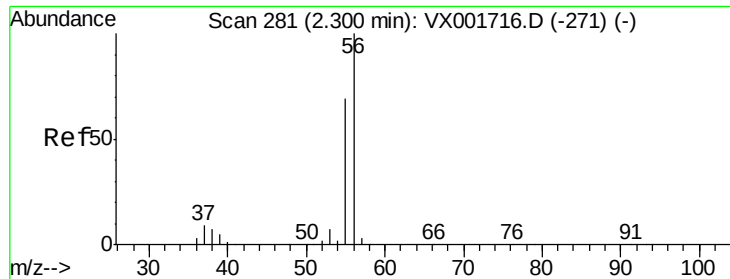
Ion Ratio Lower Upper

96 100

61 83.9 122.2 183.2#

98 33.4 51.4 77.0#

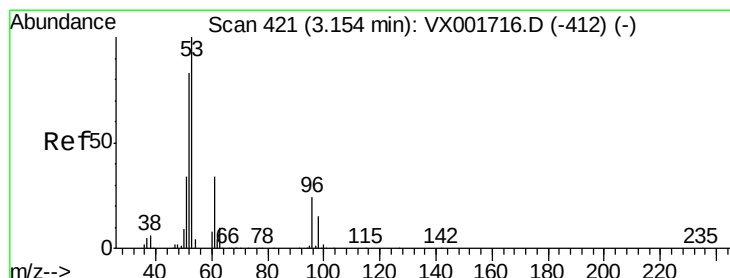
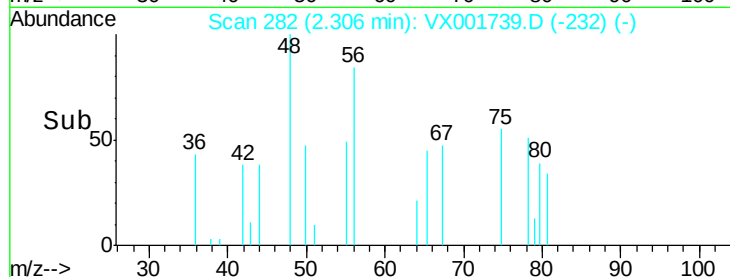
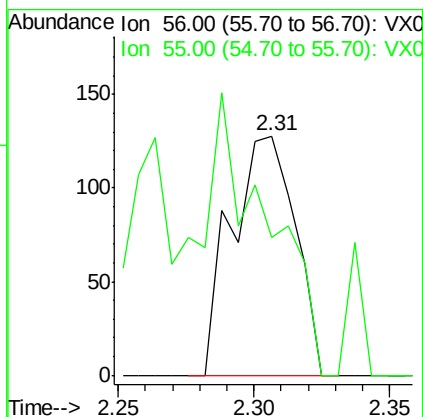
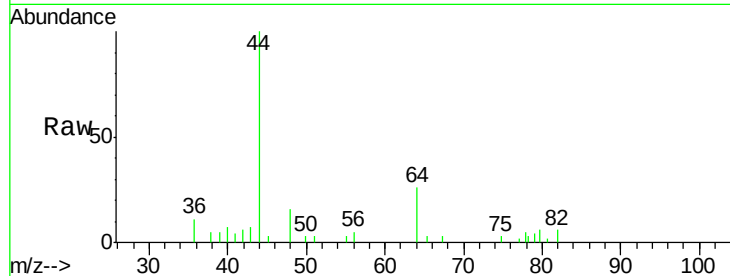




#13
Acrolein
Concen: 0.45 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

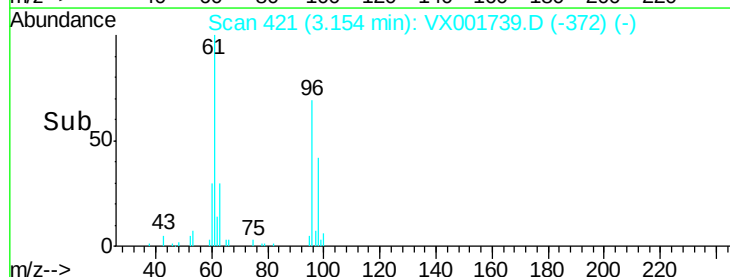
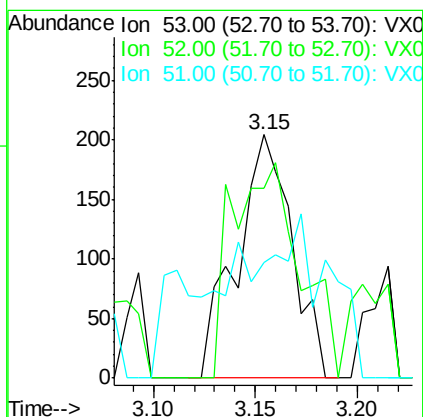
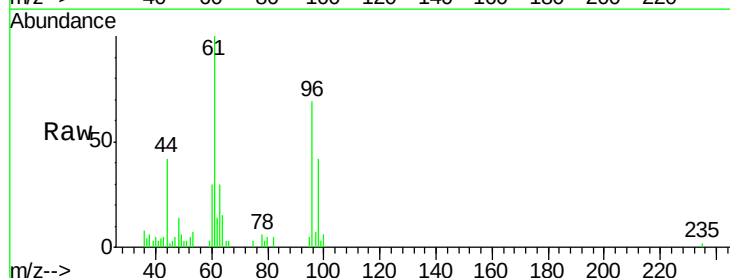
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503

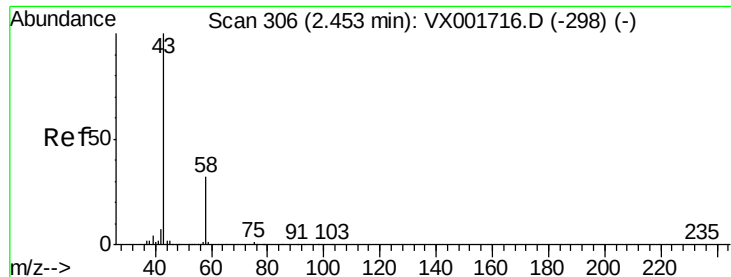
Tgt Ion: 56 Resp: 207
Ion Ratio Lower Upper
56 100
55 96.6 56.2 84.2#



#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Tgt Ion: 53 Resp: 384
Ion Ratio Lower Upper
53 100
52 109.1 65.6 98.4#
51 27.3 28.1 42.1#





#16

Acetone

Concen: 1.82 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

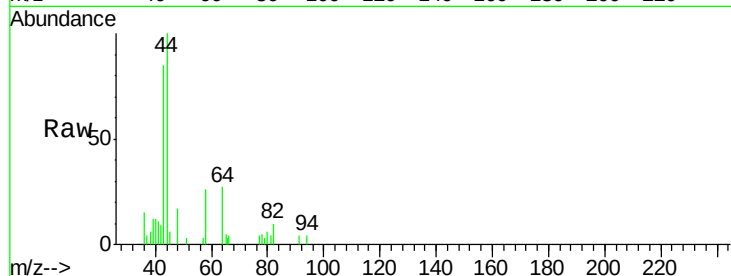
KY062MW128-180503

Tgt Ion: 43 Resp: 2577

Ion Ratio Lower Upper

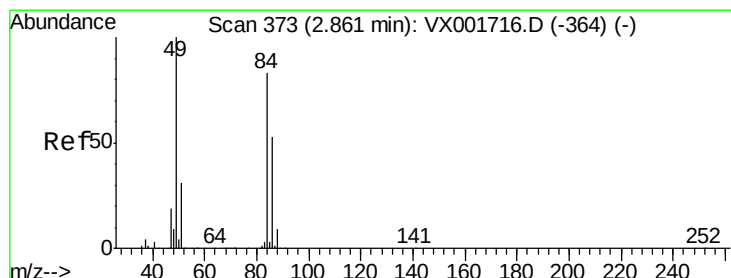
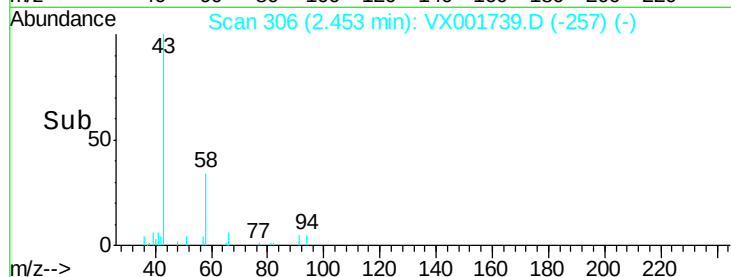
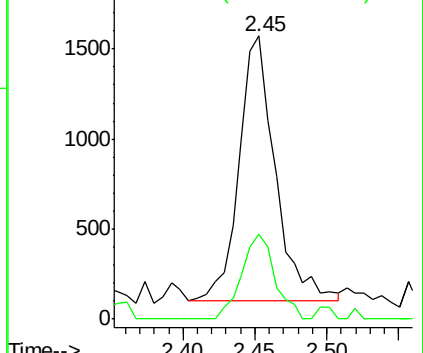
43 100

58 32.2 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.41 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Tgt Ion: 84 Resp: 1237

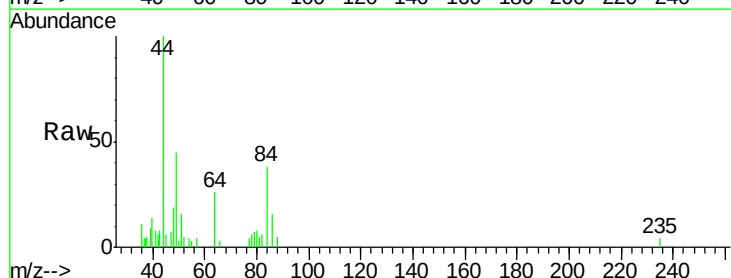
Ion Ratio Lower Upper

84 100

49 116.8 96.3 144.5

51 34.0 29.8 44.6

86 40.8 51.0 76.6#

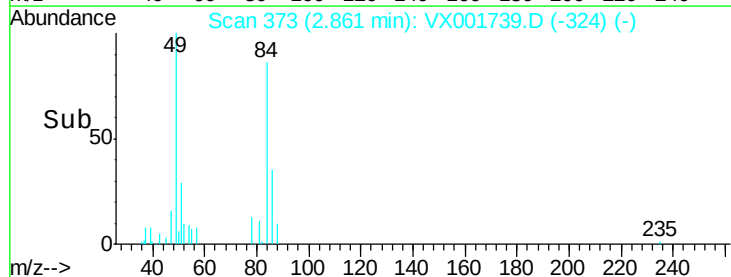
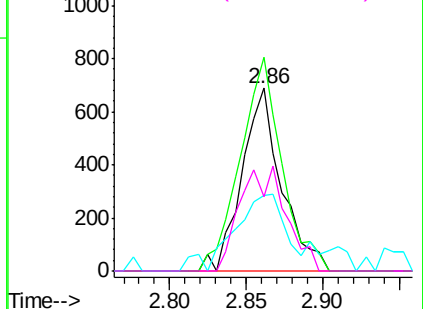


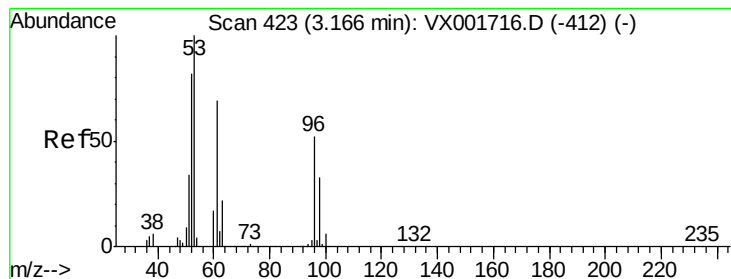
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 2.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

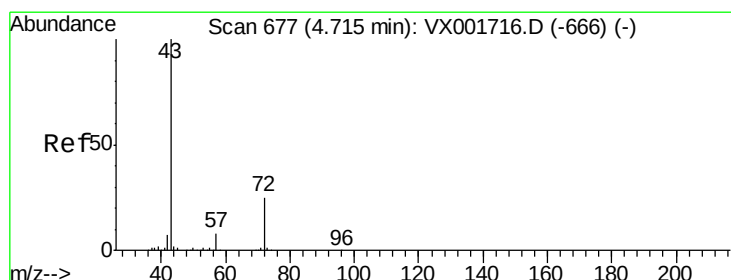
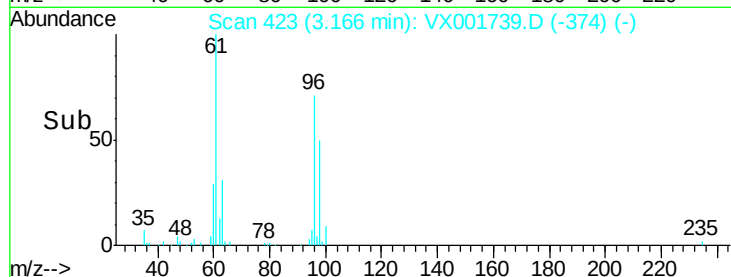
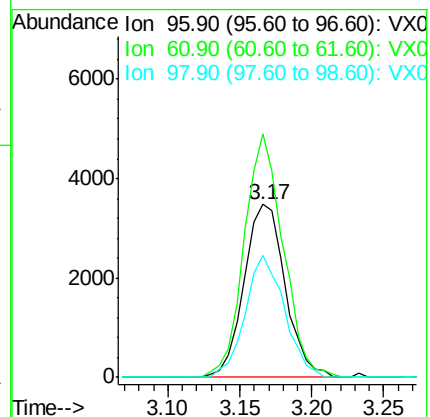
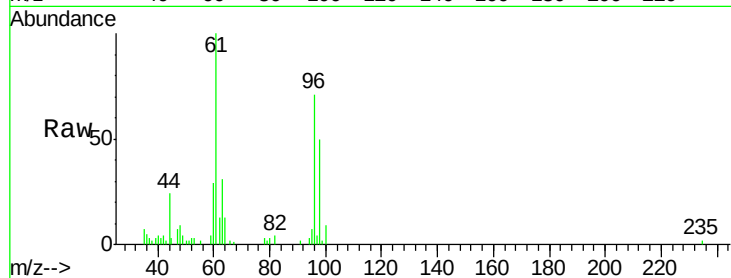
Tgt Ion: 96 Resp: 6870

Ion Ratio Lower Upper

96 100

61 140.8 105.8 158.8

98 70.5 50.2 75.4



#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001739.D

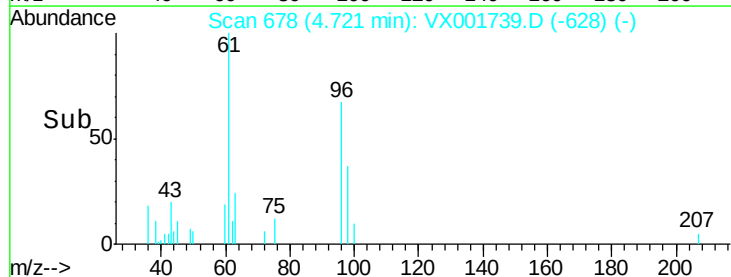
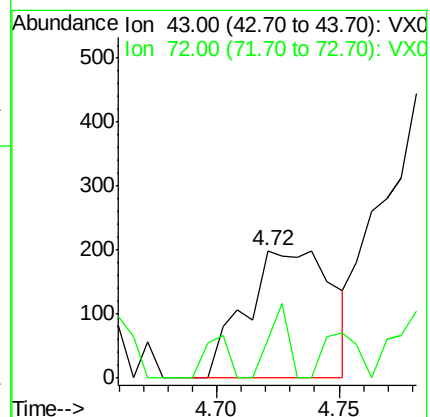
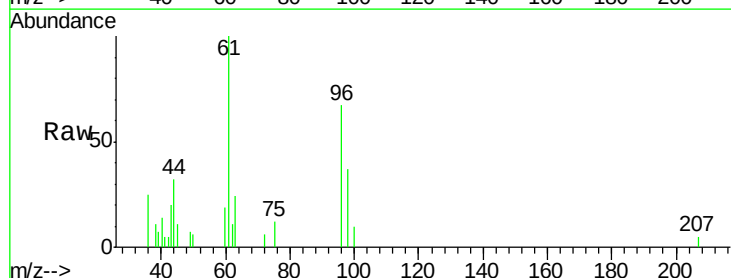
Acq: 15 May 2018 12:27

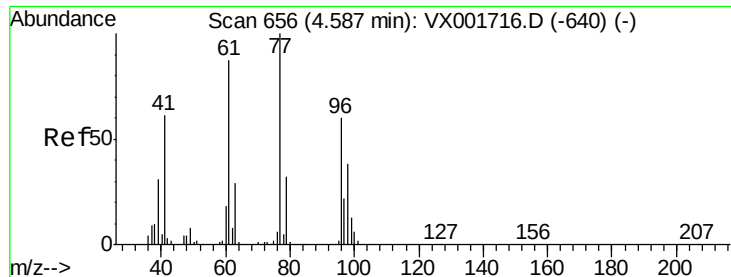
Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

72 29.8 19.8 29.6#





#26

2,2-Dichloropropane

Concen: 0.46 ug/l

RT: 4.78 min Scan# 687

Delta R.T. 0.19 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

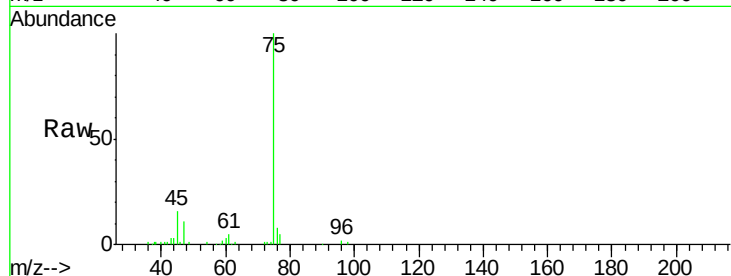
KY062MW128-180503

Tgt Ion: 77 Resp: 1911

Ion Ratio Lower Upper

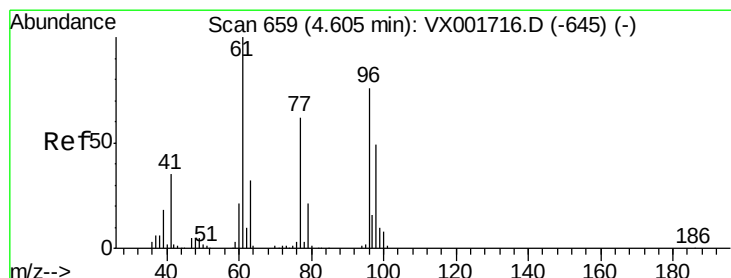
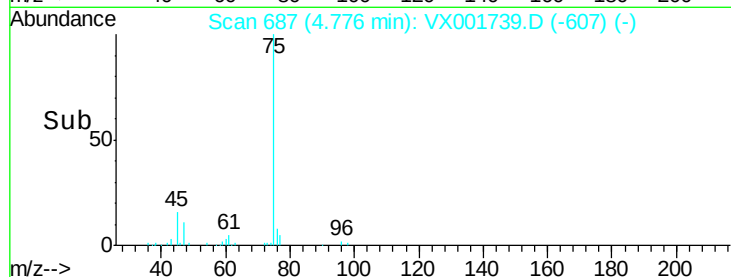
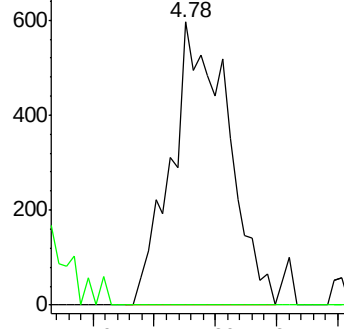
77 100

97 0.0 11.6 34.8#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 348.48 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

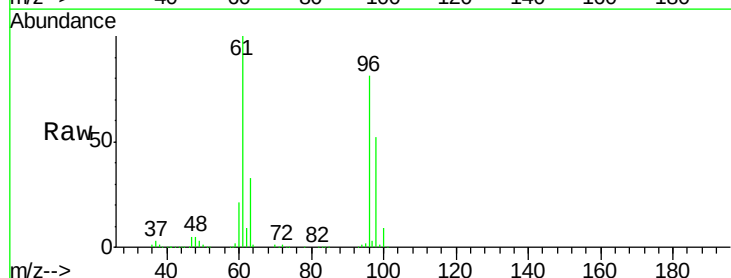
Tgt Ion: 96 Resp: 1163833

Ion Ratio Lower Upper

96 100

61 122.8 0.0 280.4

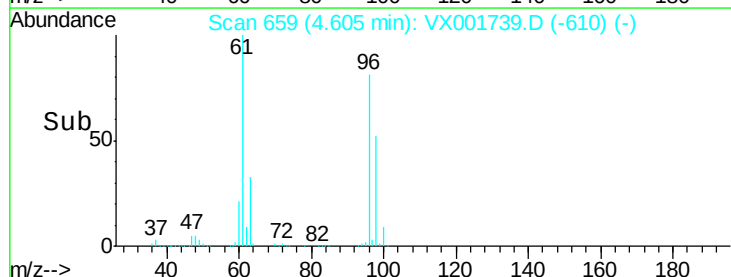
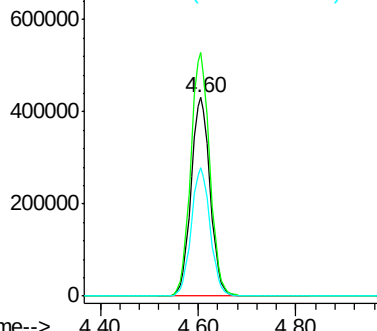
98 64.4 0.0 128.4

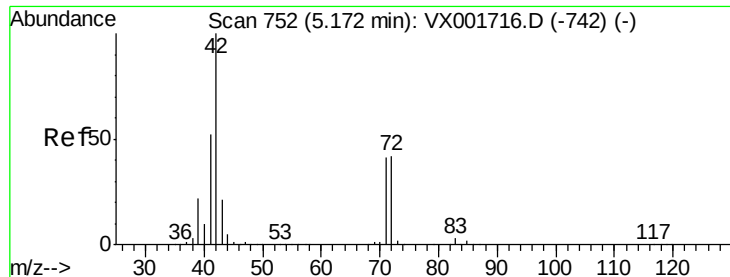


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

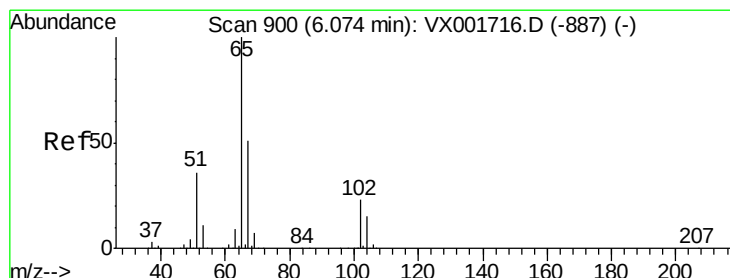
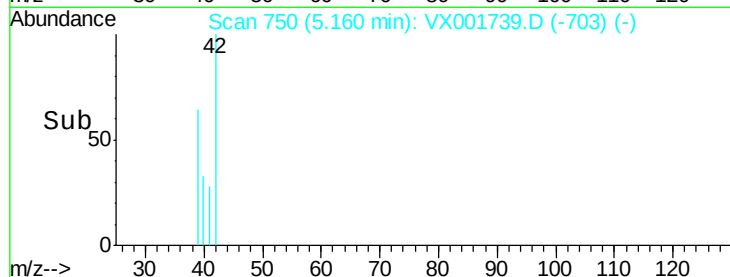
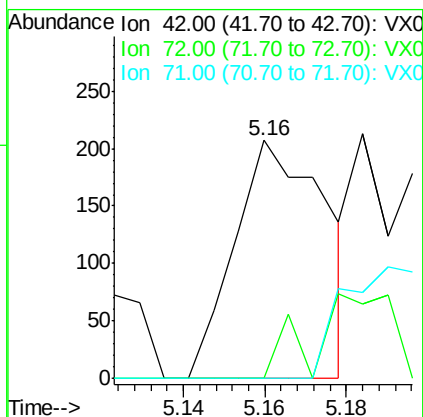
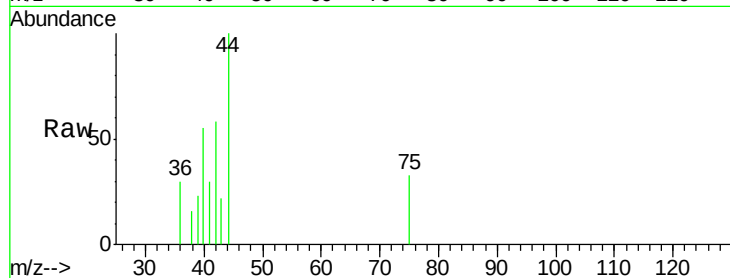
Tgt Ion: 42 Resp: 322

Ion Ratio Lower Upper

42 100

72 30.1 35.4 53.2#

71 0.0 33.2 49.8#



#33

1,2-Dichloroethane-d4

Concen: 53.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001739.D

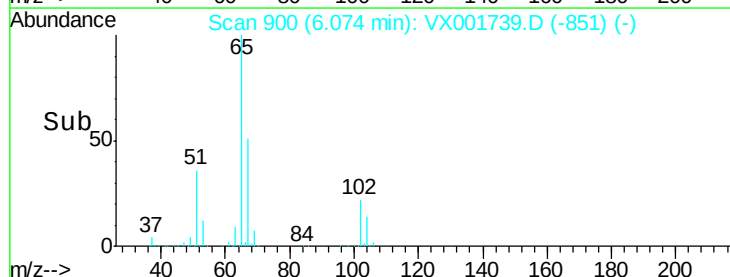
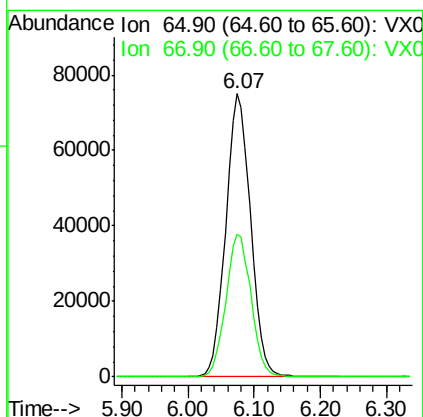
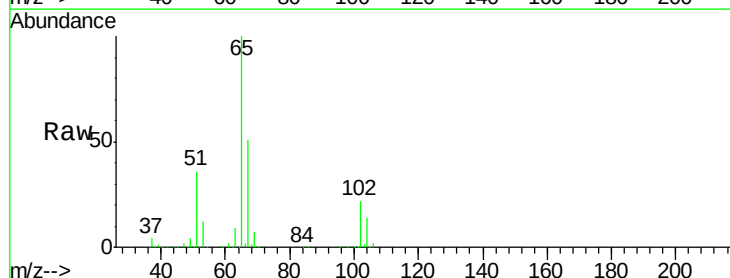
Acq: 15 May 2018 12:27

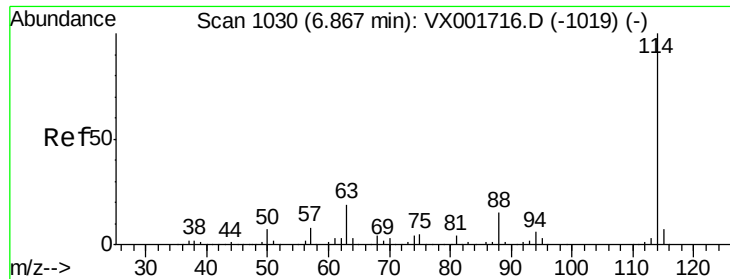
Tgt Ion: 65 Resp: 194494

Ion Ratio Lower Upper

65 100

67 50.9 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: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

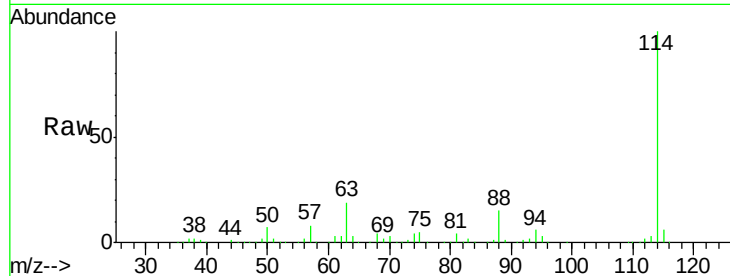
Tgt Ion:114 Resp: 362419

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

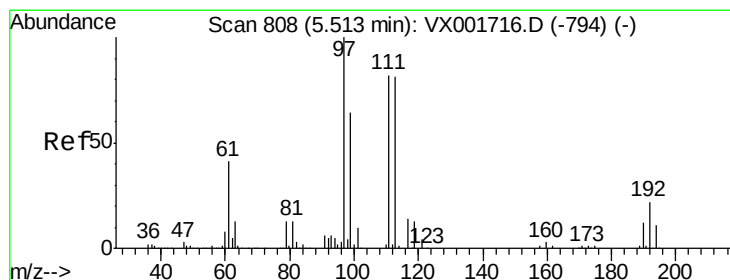
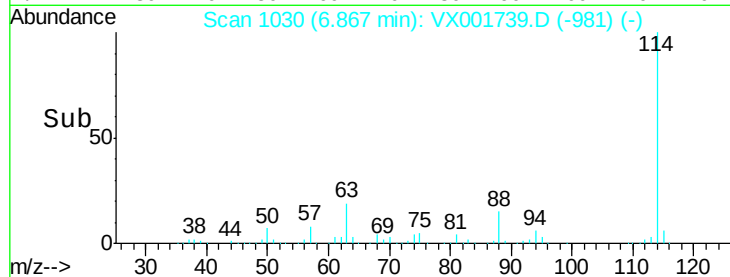
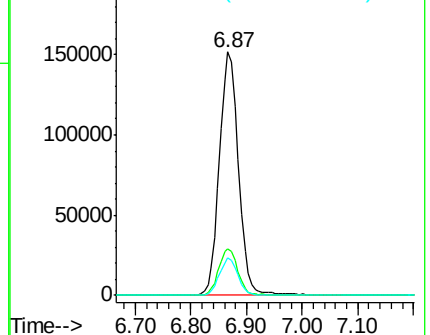
88 15.4 0.0 29.8



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: 52.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

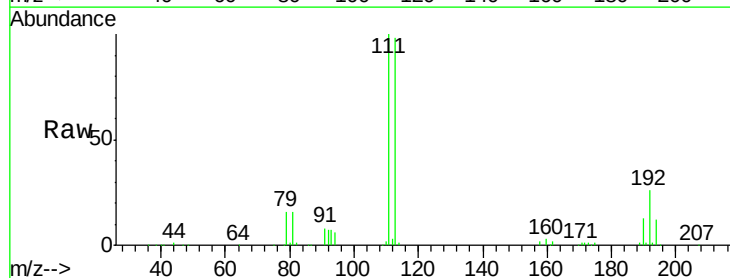
Tgt Ion:113 Resp: 160266

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

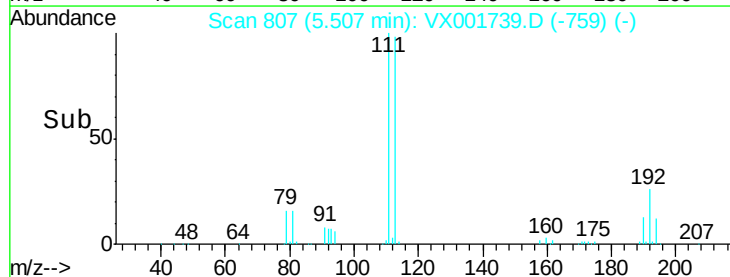
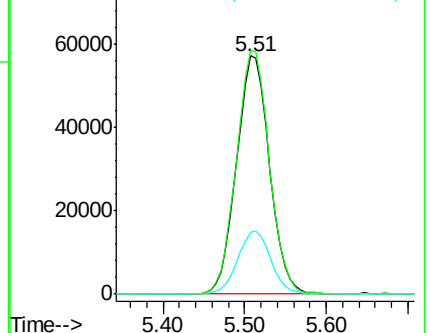
192 26.5 21.6 32.4

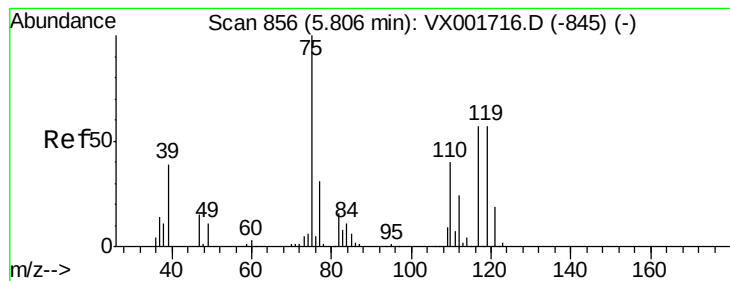


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.91 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

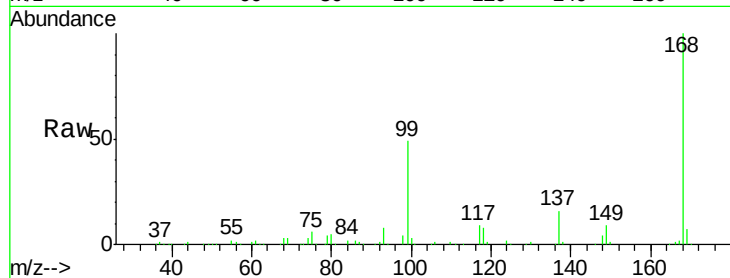
Tgt Ion: 75 Resp: 16306

Ion Ratio Lower Upper

75 100

110 10.2 19.1 57.1#

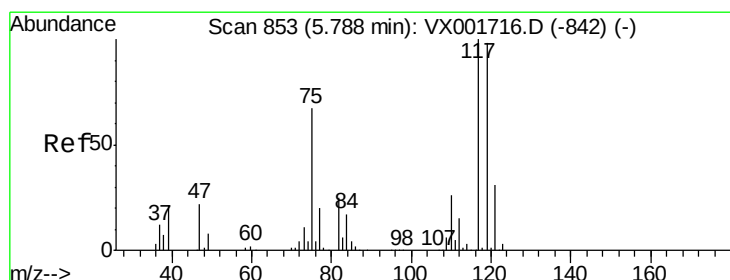
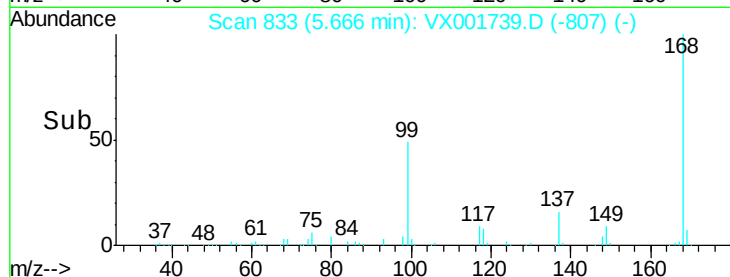
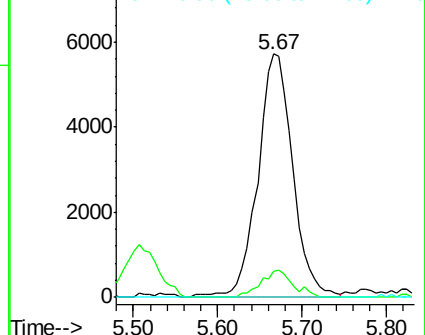
77 0.0 24.6 37.0#



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: 5.22 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

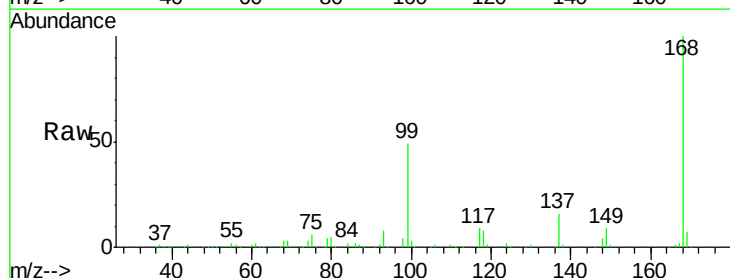
Tgt Ion: 117 Resp: 22796

Ion Ratio Lower Upper

117 100

119 5.5 77.6 116.4#

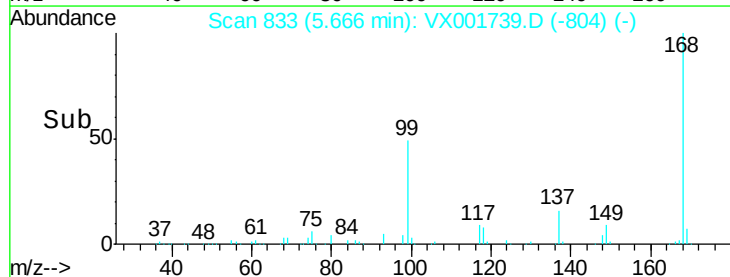
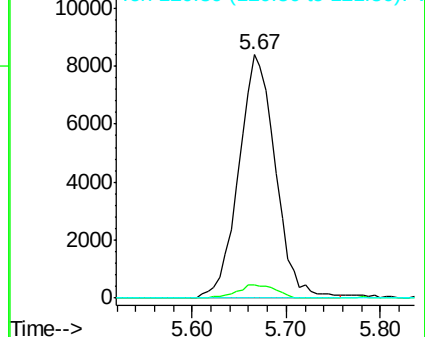
121 0.0 24.6 36.8#

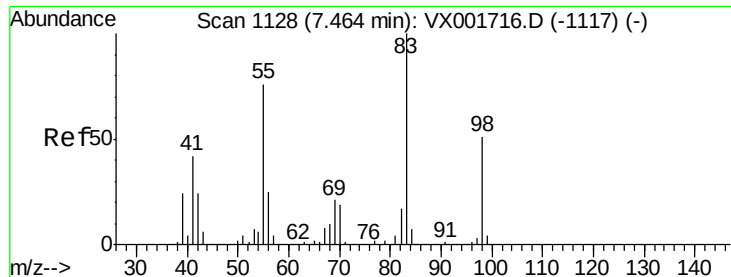


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

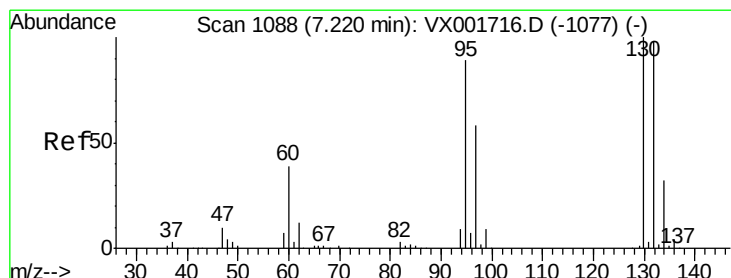
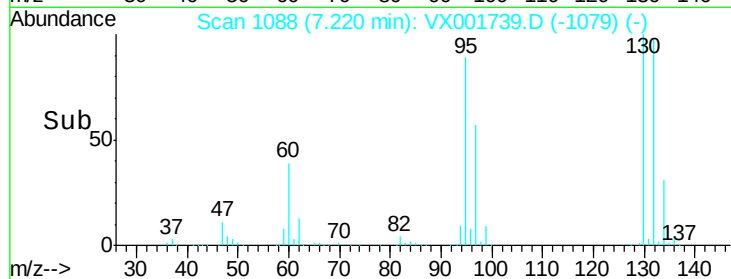
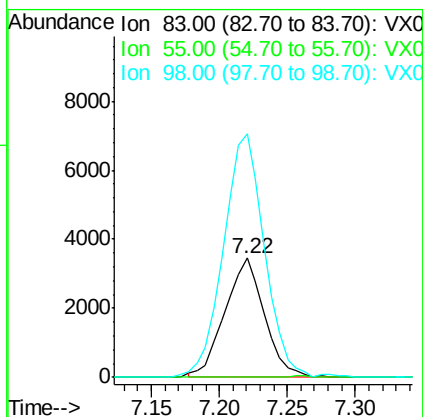
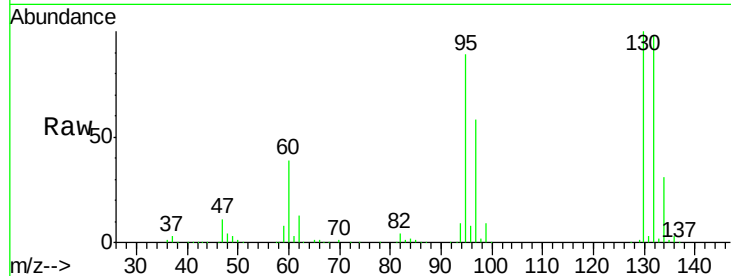




#39
Methylcyclohexane
Concen: 1.42 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.24 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

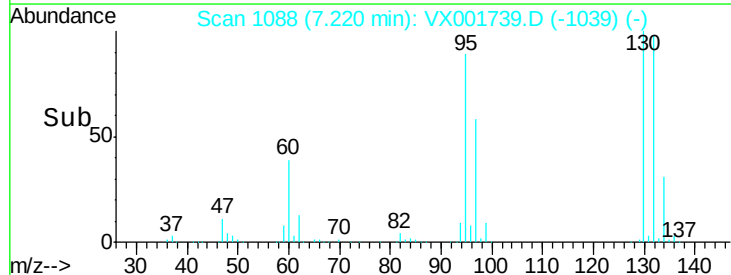
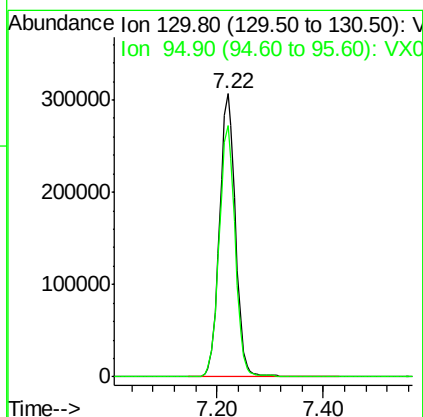
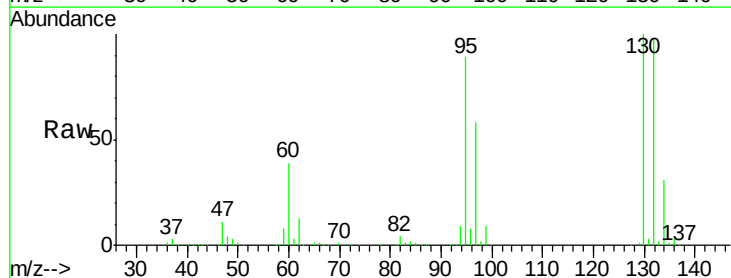
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503

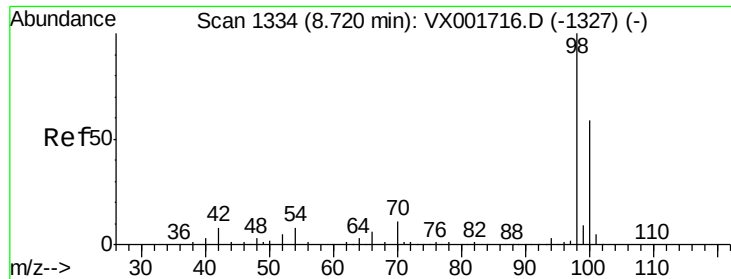
Tgt Ion: 83 Resp: 6934
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 203.2 40.4 60.6#



#44
Trichloroethene
Concen: 169.14 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Tgt Ion: 130 Resp: 645297
Ion Ratio Lower Upper
130 100
95 88.8 0.0 177.2

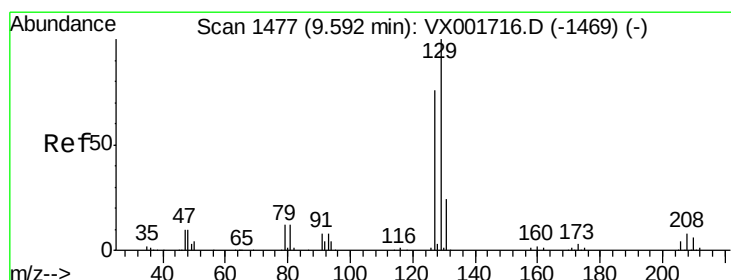
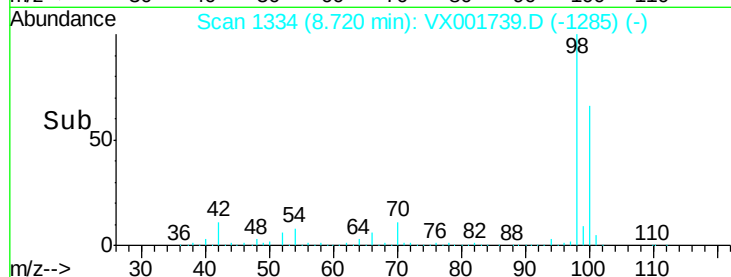
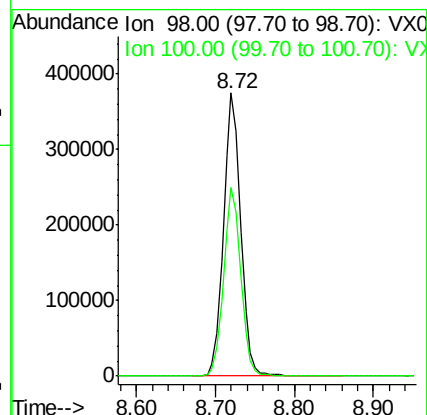
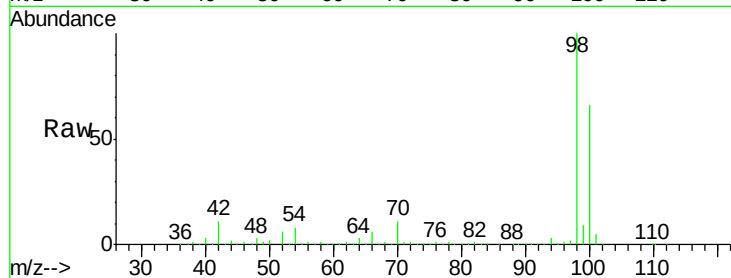




#50
Toluene-d8
Concen: 52.11 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

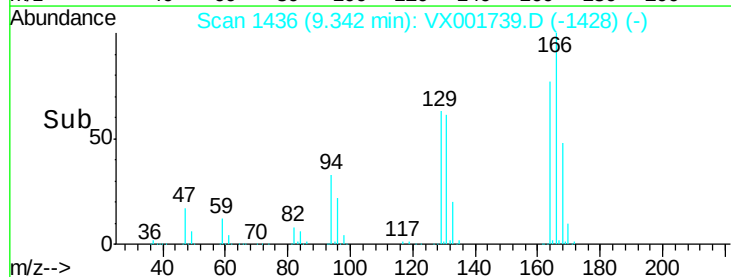
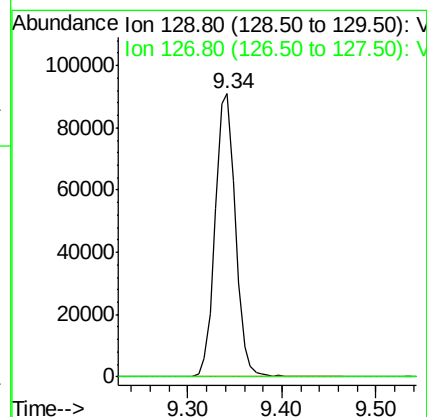
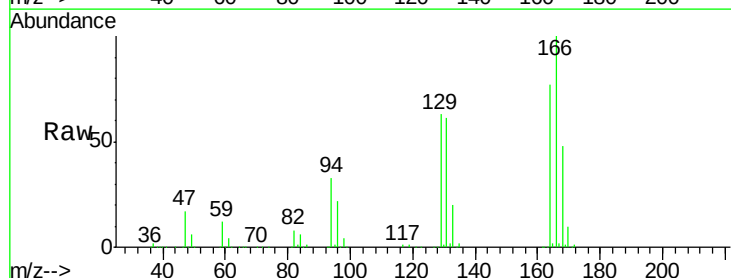
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503

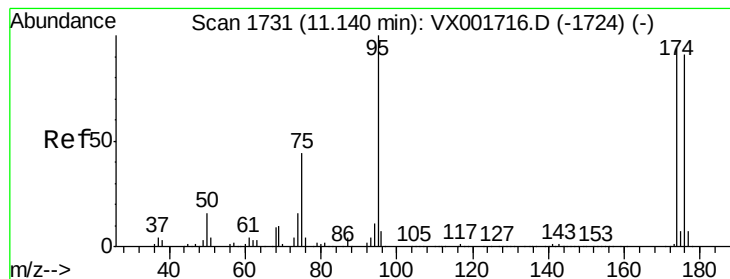
Tgt Ion: 98 Resp: 570772
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0



#60
Dibromochloromethane
Concen: 43.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Tgt Ion: 129 Resp: 135623
Ion Ratio Lower Upper
129 100
127 0.1 38.7 116.1#





#62

4-Bromofluorobenzene

Concen: 43.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

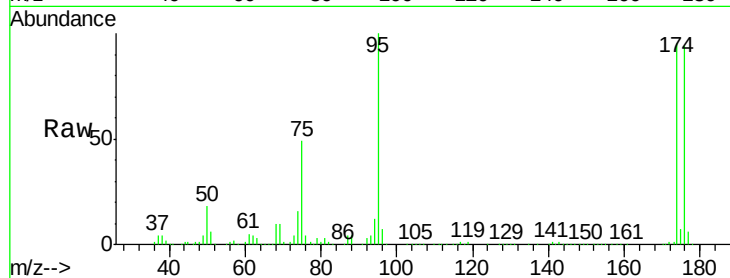
Tgt Ion: 95 Resp: 171634

Ion Ratio Lower Upper

95 100

174 103.4 0.0 201.8

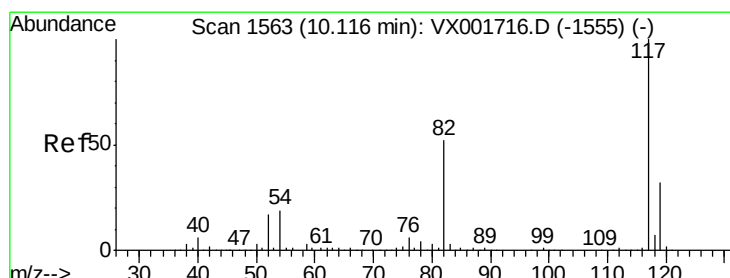
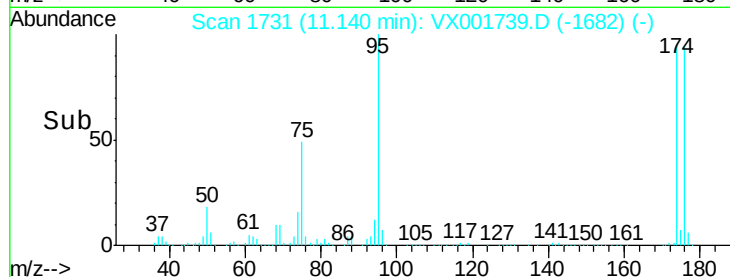
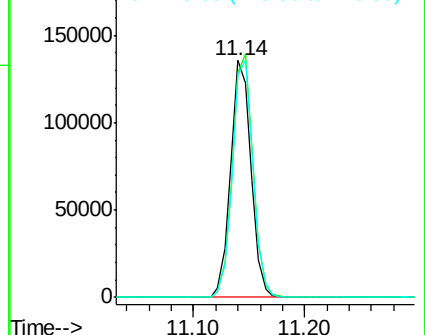
176 100.6 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001739.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001739.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001739.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

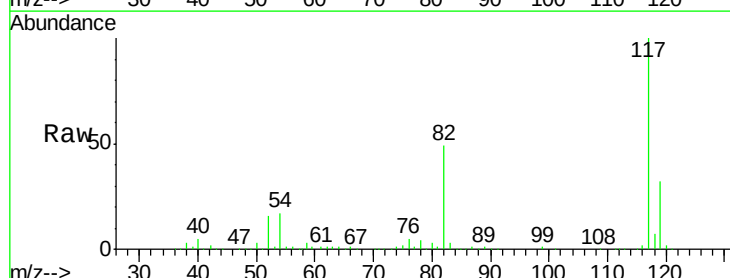
Tgt Ion: 117 Resp: 299736

Ion Ratio Lower Upper

117 100

82 49.1 41.4 62.2

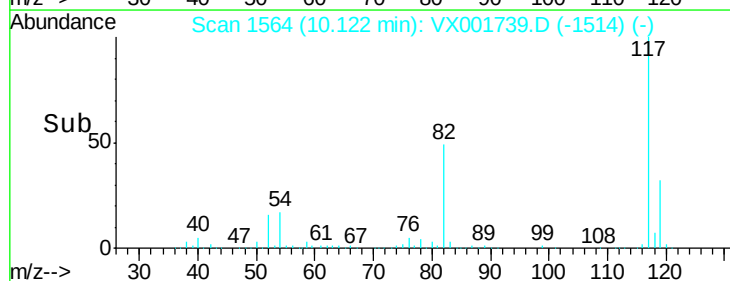
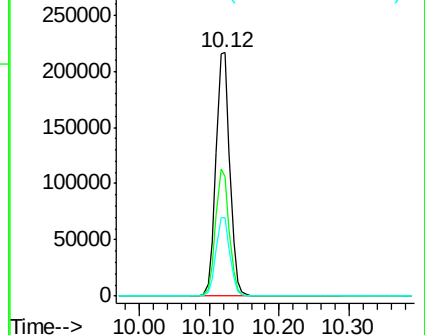
119 32.4 25.6 38.4

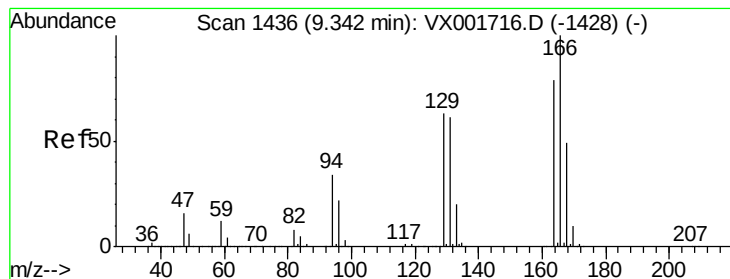


Abundance Ion 116.90 (116.60 to 117.60): VX001739.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001739.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001739.D (-1514) (-)





#64

Tetrachloroethene

Concen: 41.77 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

Tgt Ion:164 Resp: 162964

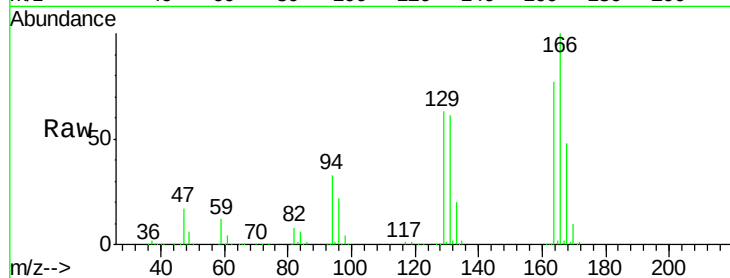
Ion Ratio Lower Upper

164 100

166 129.8 101.8 152.8

129 82.3 63.8 95.6

131 79.0 62.2 93.2

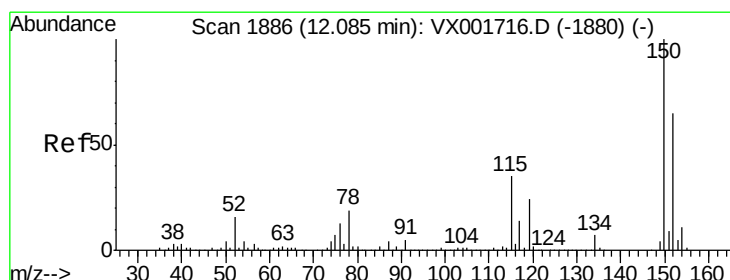
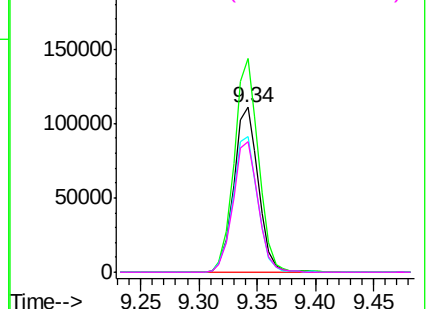
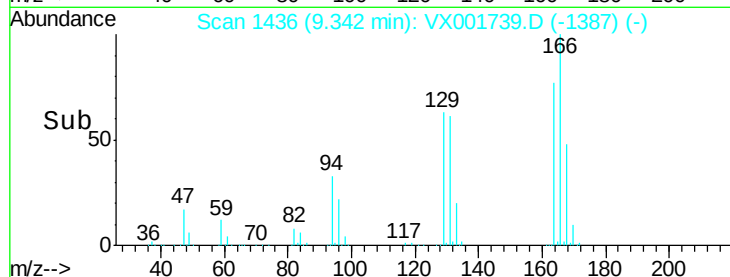


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX001739.D

Acq: 15 May 2018 12:27

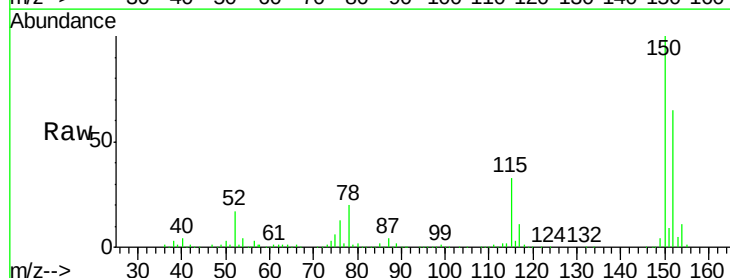
Tgt Ion:152 Resp: 155556

Ion Ratio Lower Upper

152 100

115 51.3 37.4 112.2

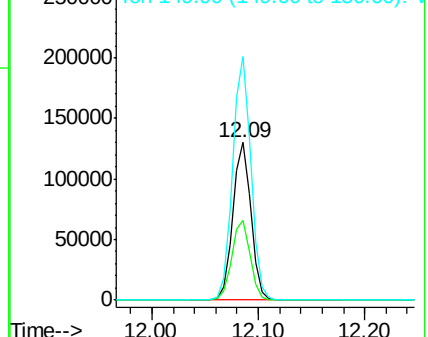
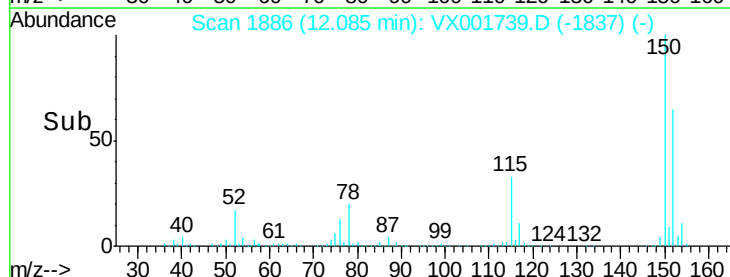
150 155.2 0.0 344.8

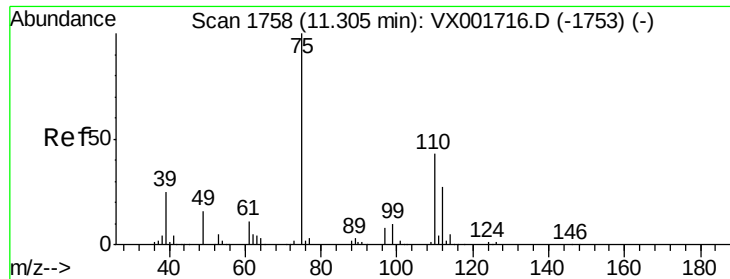


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

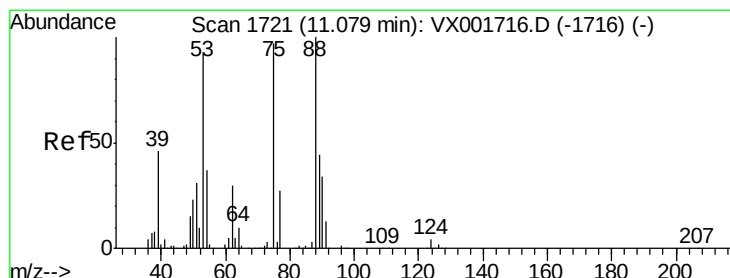
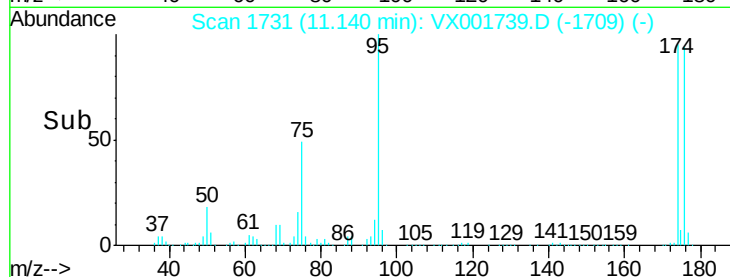
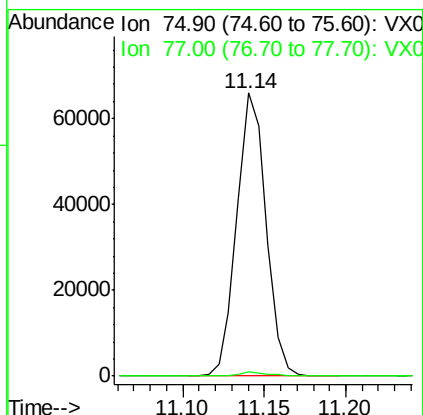
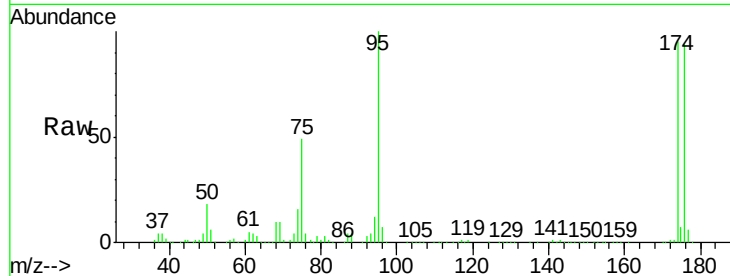




#76
 1,2,3-Trichloropropane
 Concen: 27.98 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001739.D
 Acq: 15 May 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-180503

Tgt Ion: 75 Resp: 82764
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.18 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001739.D
 Acq: 15 May 2018 12:27

Tgt Ion: 75 Resp: 82764
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.2#
 89 0.0 38.8 58.2#

