

Data File : VX001751.D

Acq On : 15 May 2018 17:49

Operator : JC/MD

Sample : J2737-08DL 100X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503DL

Quant Time: May 16 04:15:25 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	243224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173136	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
35) Dibromofluoromethane	5.51	113	143214	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	8.72	98	481035	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.15	95	143854	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	596	0.23	ug/l	# 83
4) Vinyl Chloride	1.40	62	12530	4.40	ug/l	99
5) Bromomethane	1.65	94	1635	Below	Cal	89
10) Methyl Iodide	2.51	142	1953	0.85	ug/l	97
11) Tert butyl alcohol	3.03	59	1905	3.29	ug/l	# 78
13) Acrolein	2.31	56	263	0.64	ug/l	# 76
15) Acrylonitrile	3.15	53	761	0.52	ug/l	# 91
16) Acetone	2.45	43	1294	1.01	ug/l	98
17) Carbon Disulfide	2.57	76	1690	0.27	ug/l	# 93
21) trans-1,2-Dichloroethene	3.17	96	1048	0.40	ug/l	# 78
25) 2-Butanone	4.73	43	433	0.22	ug/l	# 51
27) cis-1,2-Dichloroethene	4.60	96	103360	34.30	ug/l	92
29) Tetrahydrofuran	5.17	42	300	0.23	ug/l	# 33
36) 1,1-Dichloropropene	5.67	75	14828	4.02	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	20096	5.20	ug/l	# 17
44) Trichloroethene	7.22	130	57087	16.93	ug/l	98
60) Dibromochloromethane	9.34	129	12240	4.48	ug/l	# 11
64) Tetrachloroethene	9.34	164	14480	4.25	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	67756	29.79	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	11.14	75	67756	86.20	ug/l	# 10
93) 1,2,4-Trichlorobenzene	13.65	180	747	0.22	ug/l	83

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503DL

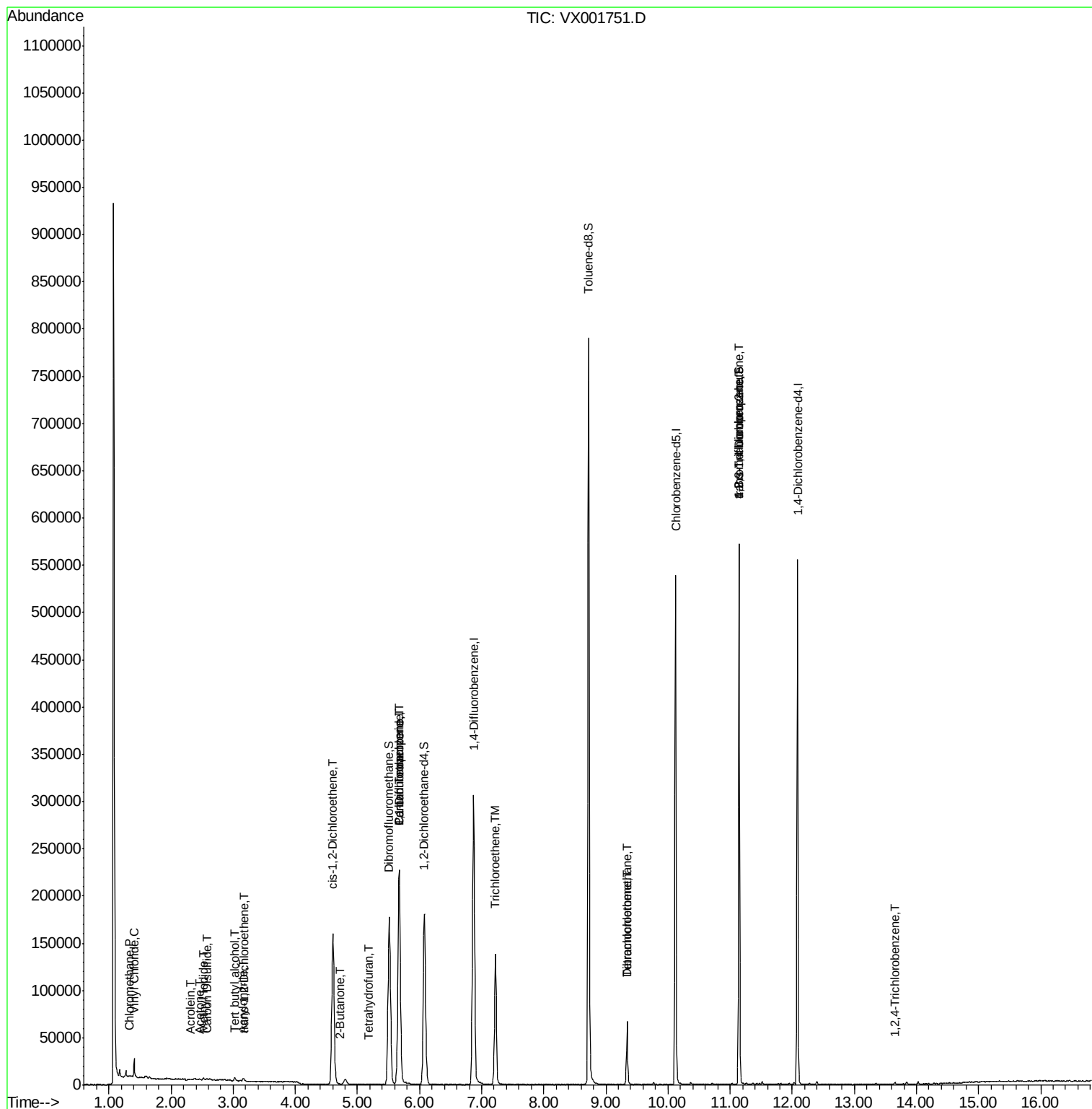
Quant Time: May 16 04:15:25 2018

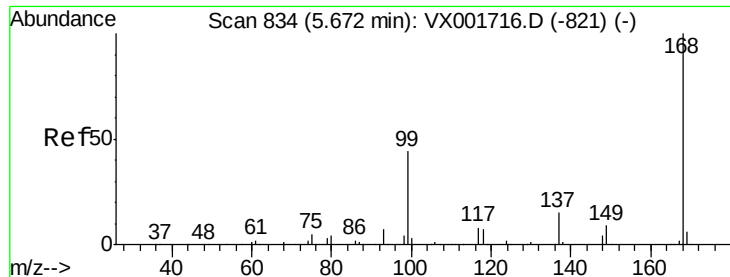
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

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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: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

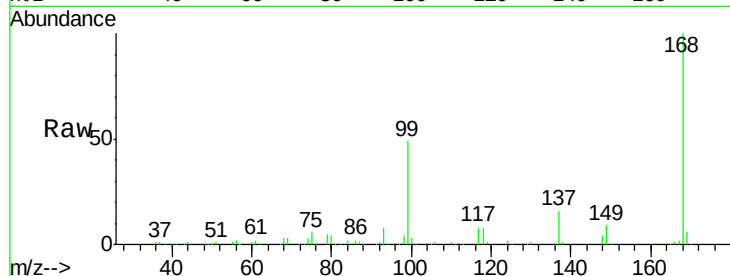
KY062MW128-180503DL

Tgt Ion: 168 Resp: 243224

Ion Ratio Lower Upper

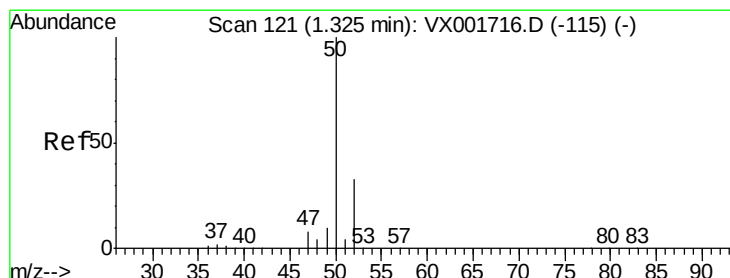
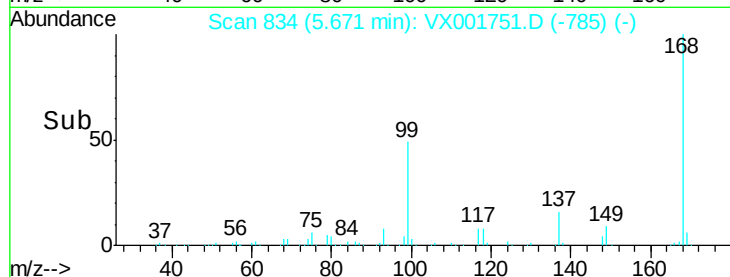
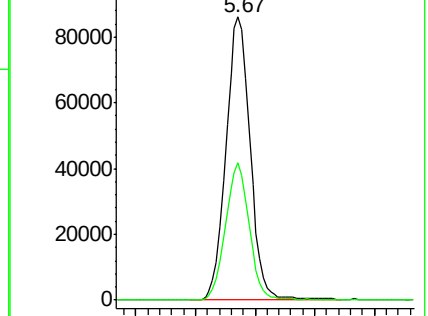
168 100

99 48.6 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: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001751.D

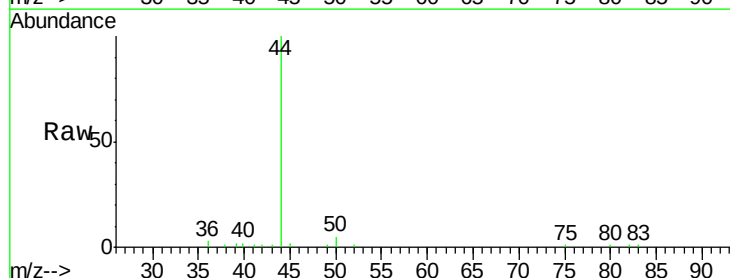
Acq: 15 May 2018 17:49

Tgt Ion: 50 Resp: 596

Ion Ratio Lower Upper

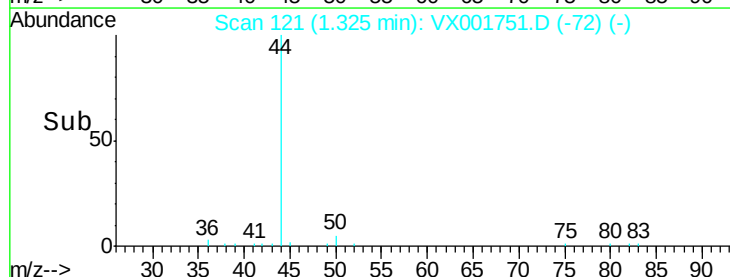
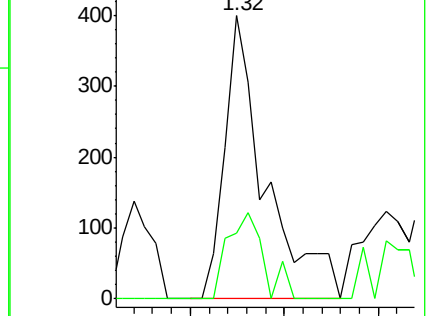
50 100

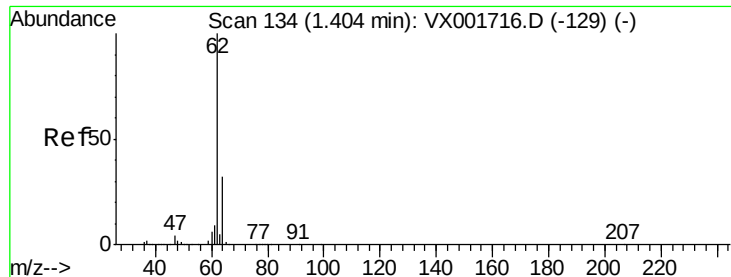
52 23.1 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 4.40 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

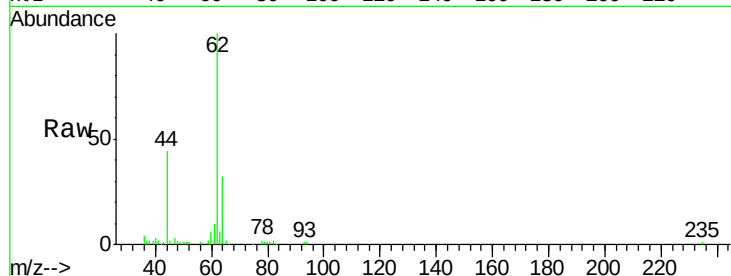
KY062MW128-180503DL

Tgt Ion: 62 Resp: 12530

Ion Ratio Lower Upper

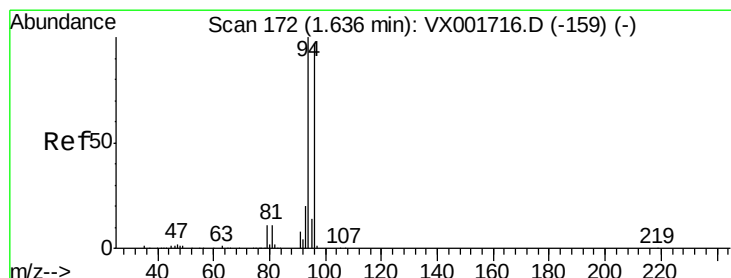
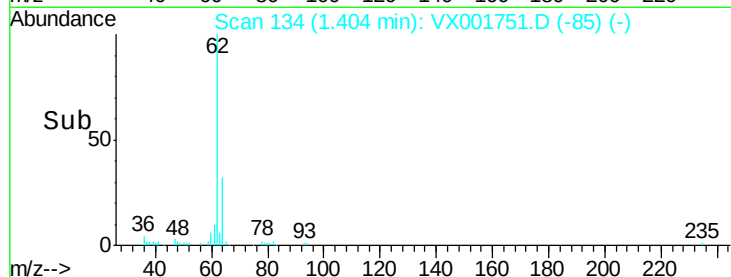
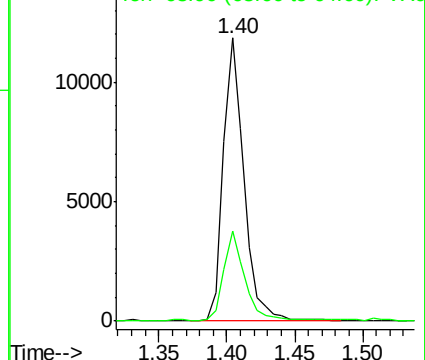
62 100

64 31.7 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: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001751.D

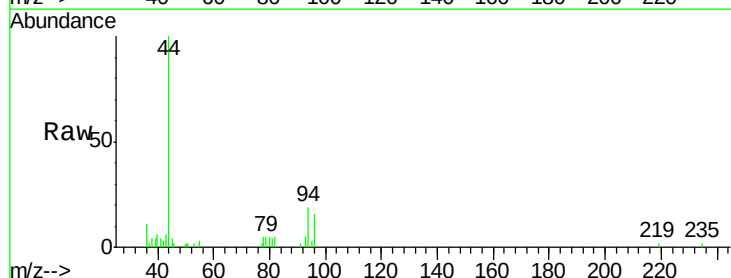
Acq: 15 May 2018 17:49

Tgt Ion: 94 Resp: 1635

Ion Ratio Lower Upper

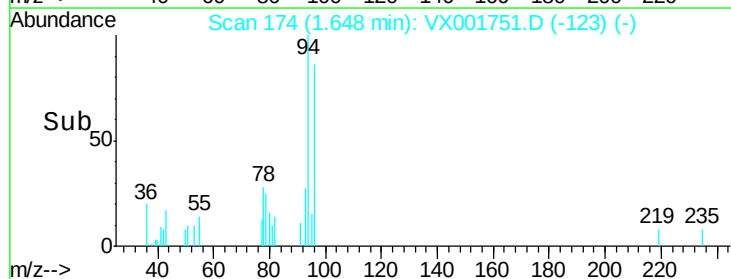
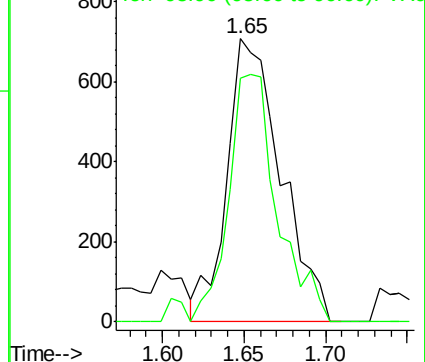
94 100

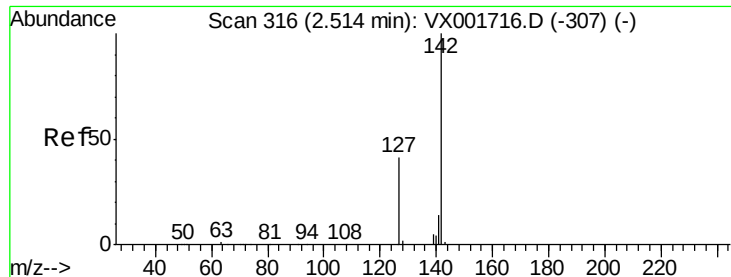
96 86.3 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

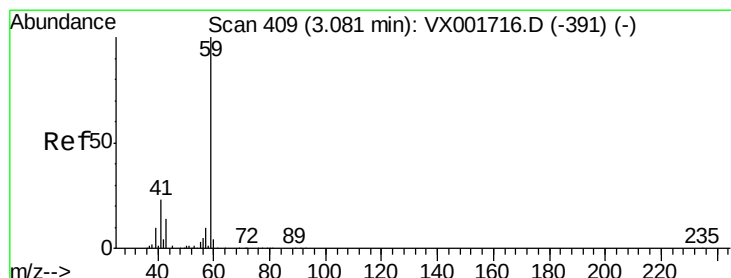
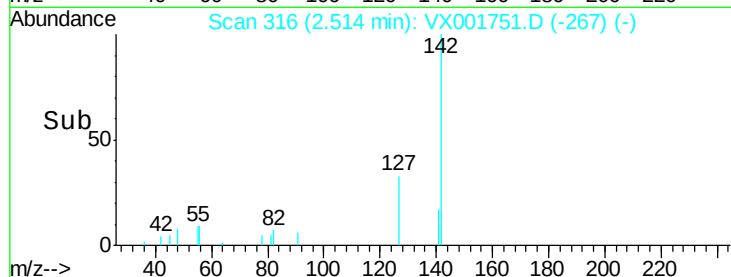
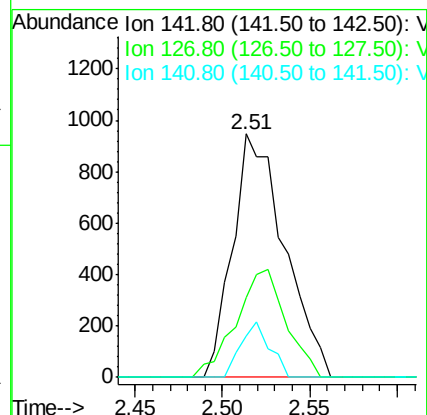
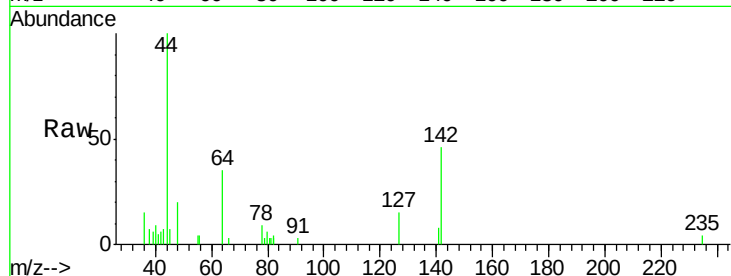




#10
Methyl Iodide
Concen: 0.85 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

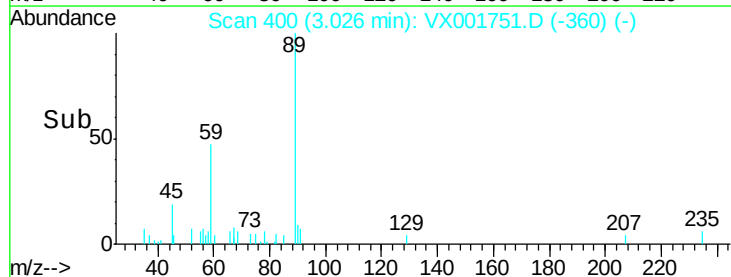
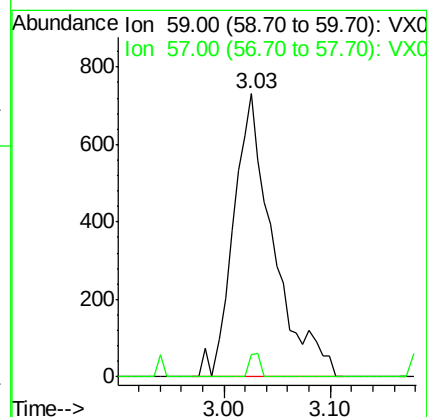
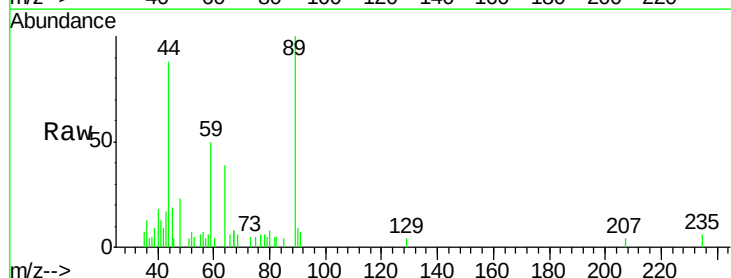
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503DL

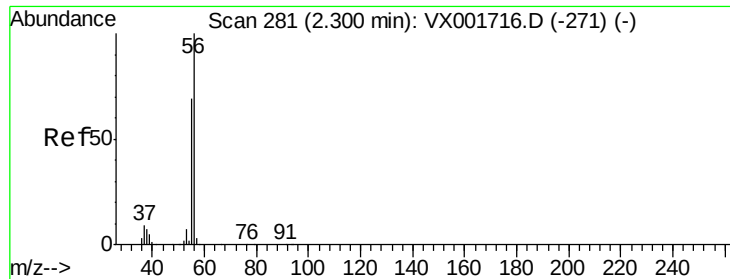
Tgt Ion: 142 Resp: 1953
Ion Ratio Lower Upper
142 100
127 42.5 32.5 48.7
141 12.6 11.4 17.0



#11
Tert butyl alcohol
Concen: 3.29 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

Tgt Ion: 59 Resp: 1905
Ion Ratio Lower Upper
59 100
57 2.3 8.5 12.7#





#13

Acrolein

Concen: 0.64 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

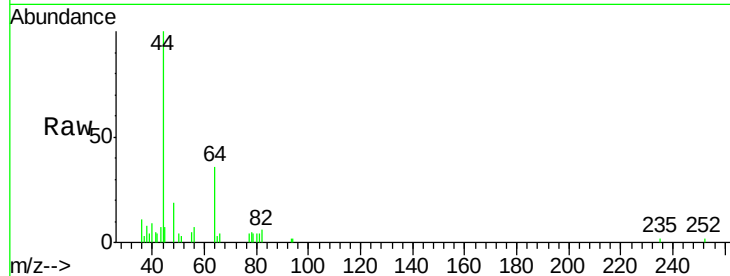
KY062MW128-180503DL

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

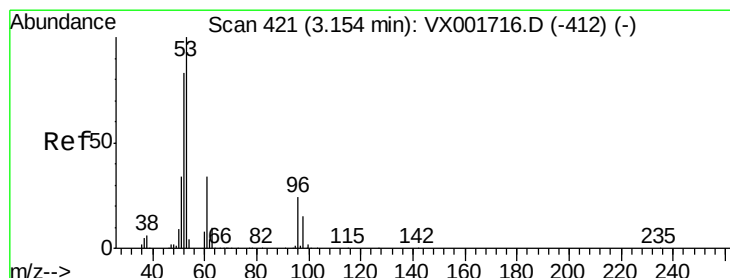
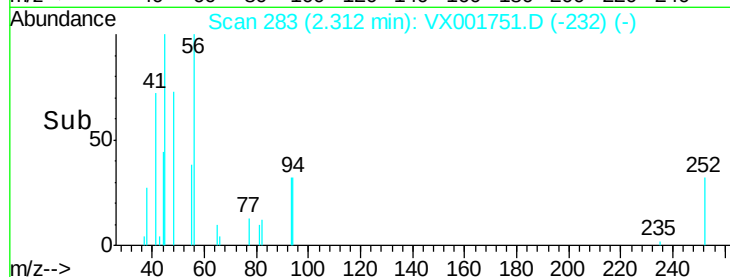
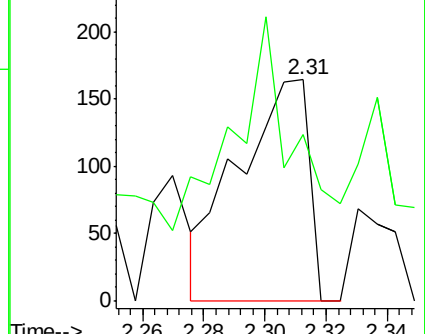
56 100

55 90.1 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

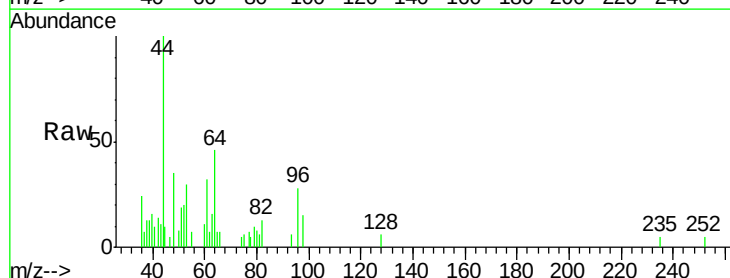
Tgt Ion: 53 Resp: 761

Ion Ratio Lower Upper

53 100

52 83.8 65.6 98.4

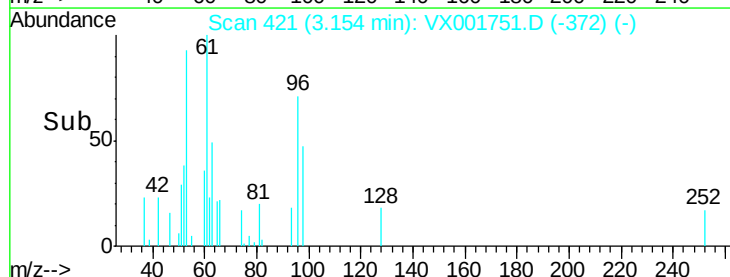
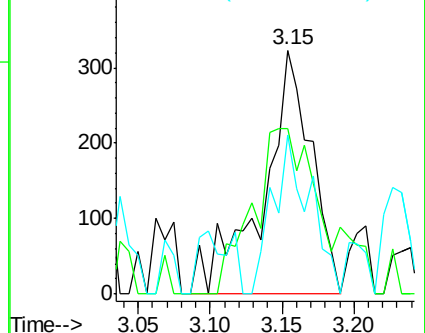
51 49.8 28.1 42.1#

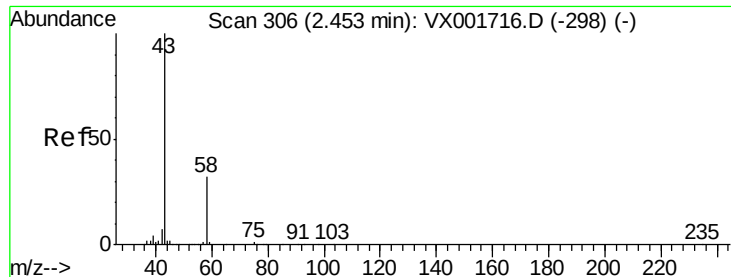


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.01 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

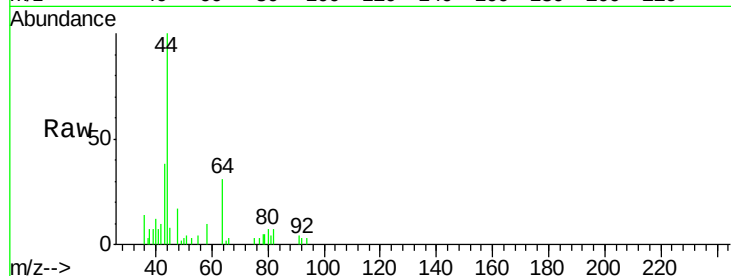
KY062MW128-180503DL

Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

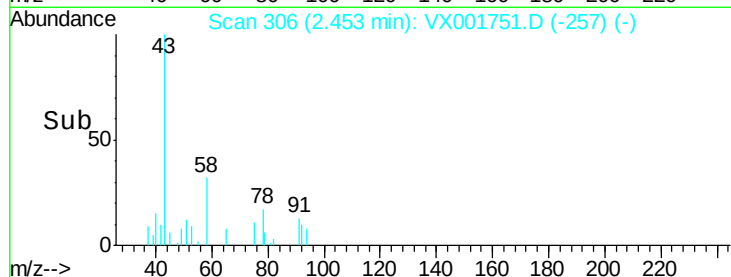
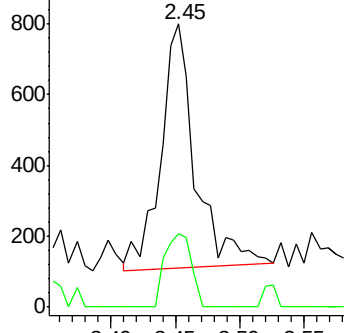
43 100

58 30.5 25.3 37.9

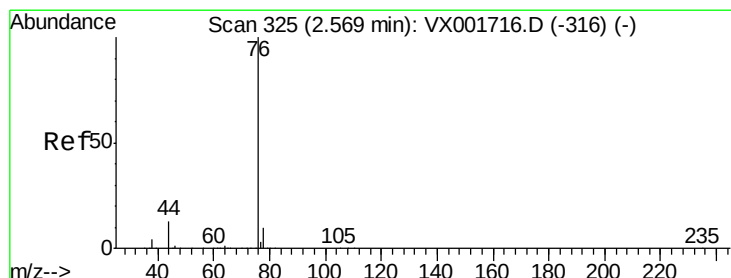


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001751.D

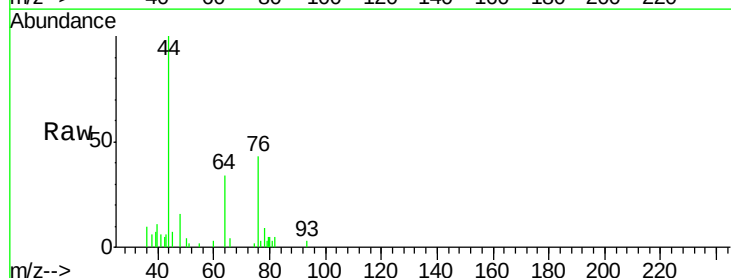
Acq: 15 May 2018 17:49

Tgt Ion: 76 Resp: 1690

Ion Ratio Lower Upper

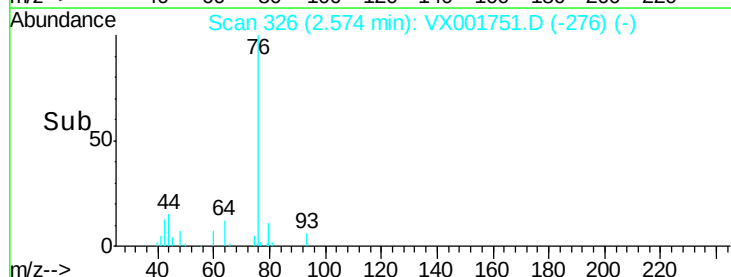
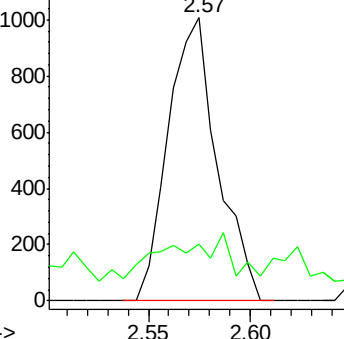
76 100

78 12.1 7.6 11.4#

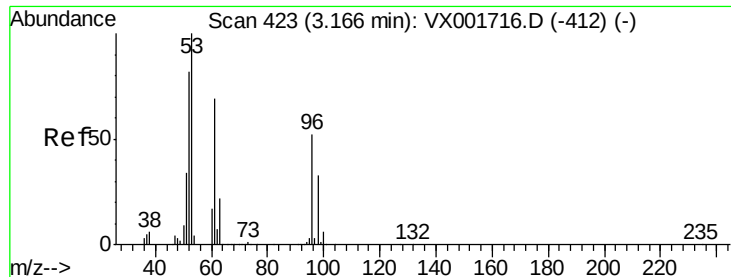


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503DL

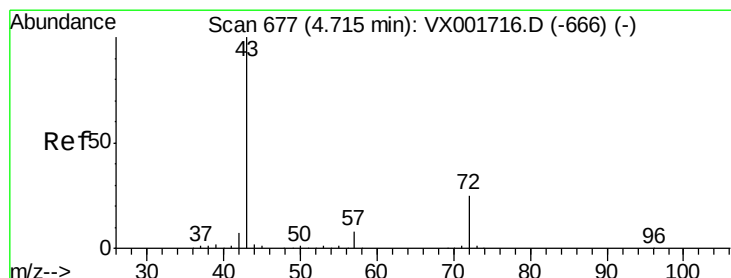
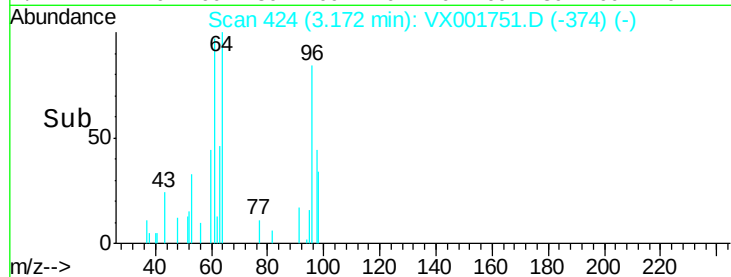
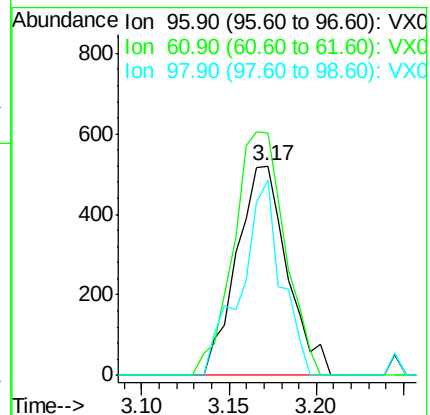
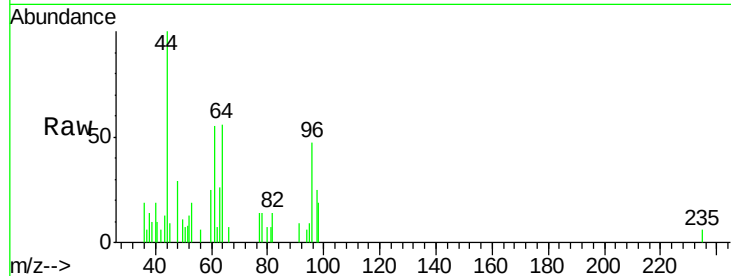
Tgt Ion: 96 Resp: 1048

Ion Ratio Lower Upper

96 100

61 115.6 105.8 158.8

98 93.3 50.2 75.4#



#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001751.D

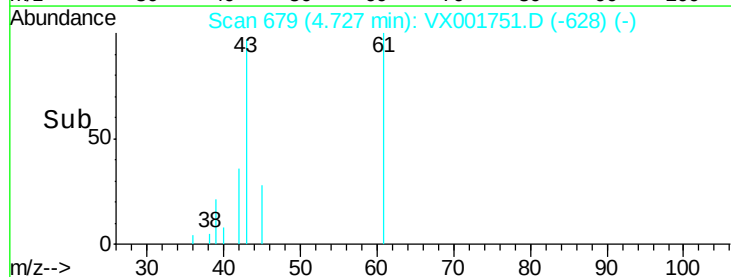
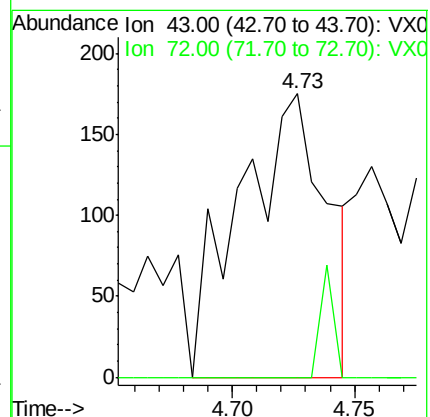
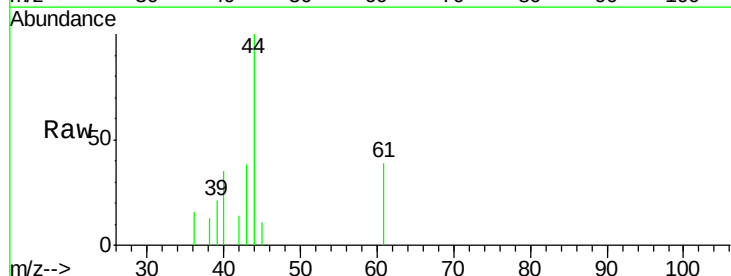
Acq: 15 May 2018 17:49

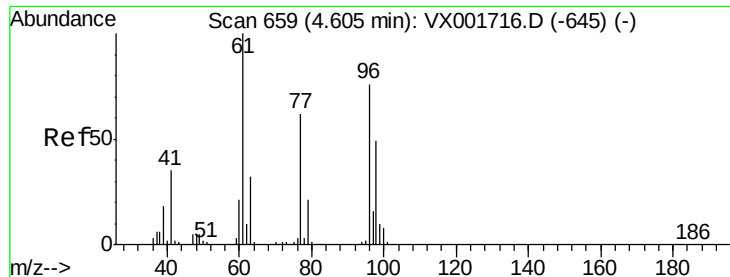
Tgt Ion: 43 Resp: 433

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.6#





#27

cis-1,2-Dichloroethene

Concen: 34.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

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KY062MW128-180503DL

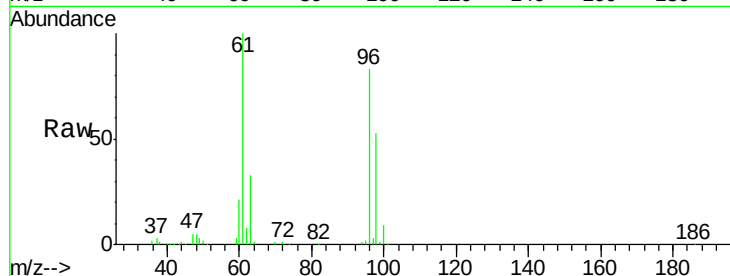
Tgt Ion: 96 Resp: 103360

Ion Ratio Lower Upper

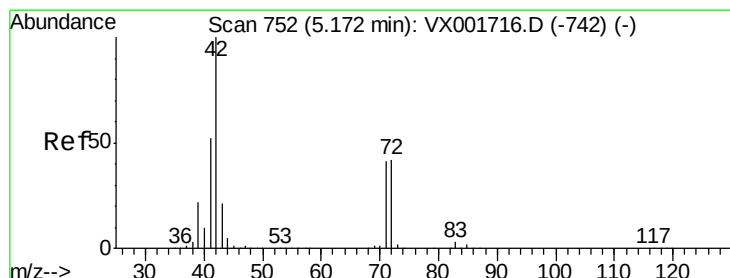
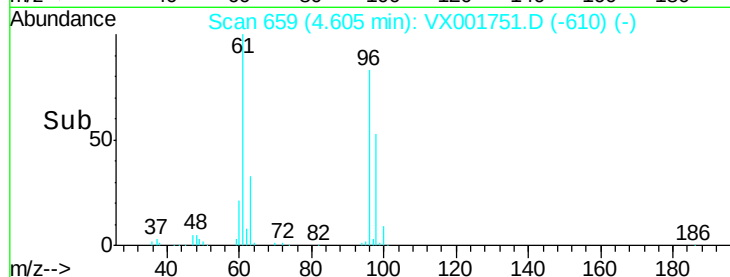
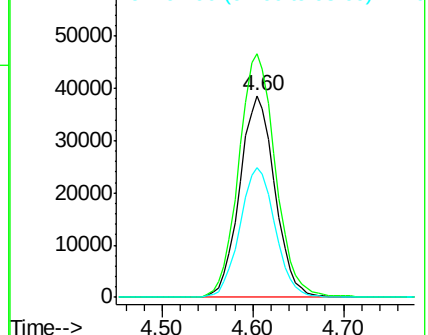
96 100

61 126.7 0.0 280.4

98 65.1 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: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

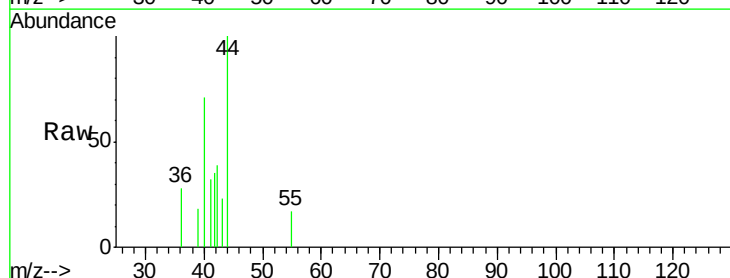
Tgt Ion: 42 Resp: 300

Ion Ratio Lower Upper

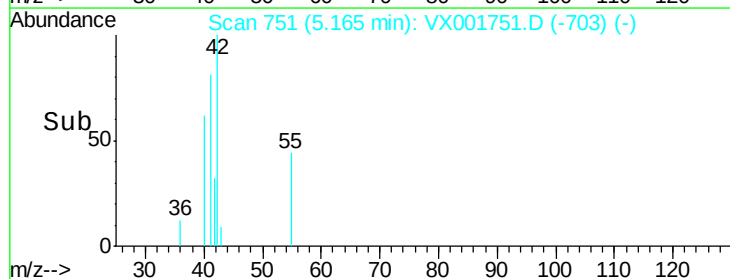
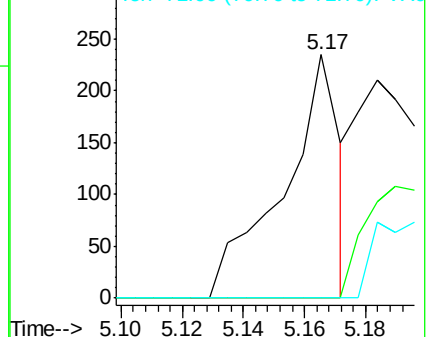
42 100

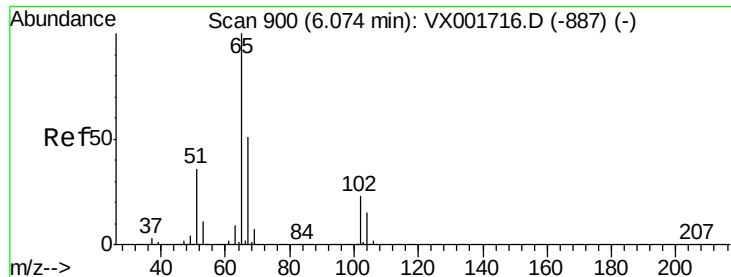
72 0.0 35.4 53.2#

71 0.0 33.2 49.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

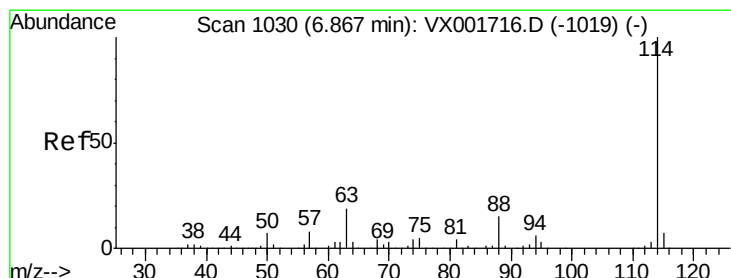
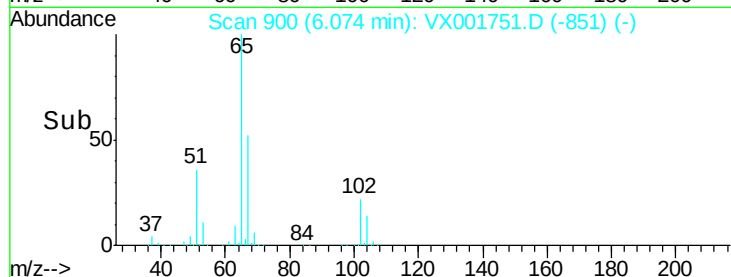
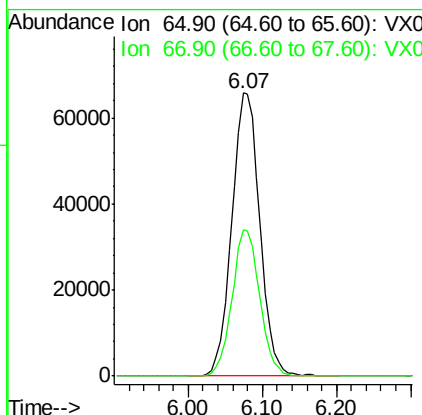
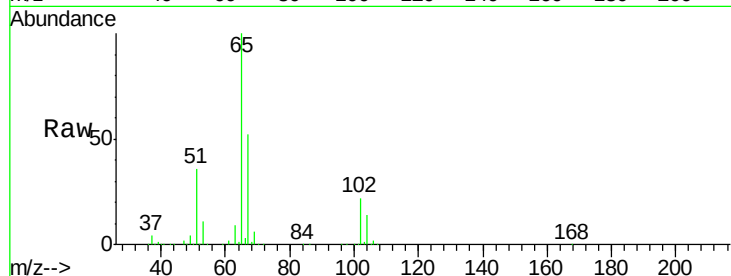




#33
 1,2-Dichloroethane-d4
 Concen: 53.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001751.D
 Acq: 15 May 2018 17:49

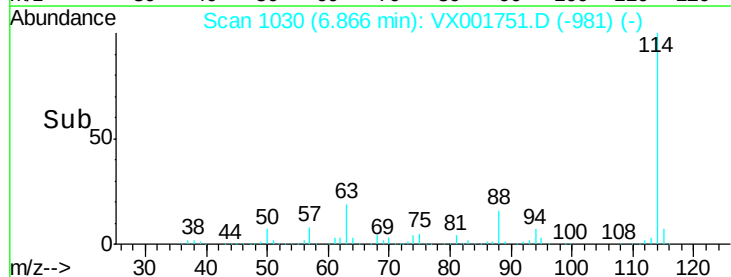
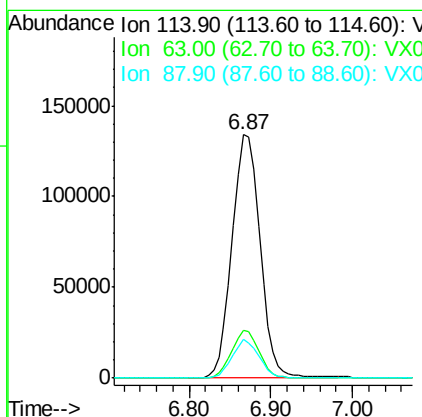
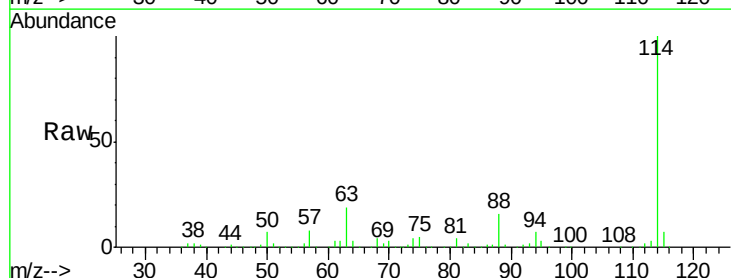
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-180503DL

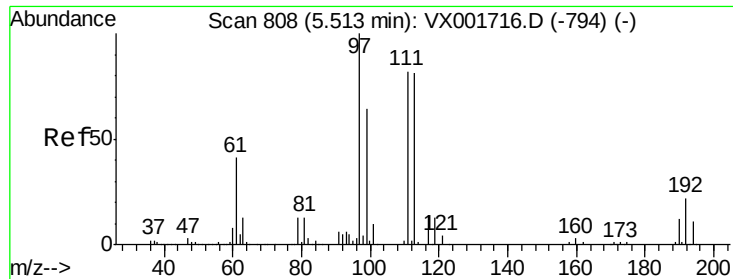
Tgt Ion: 65 Resp: 173136
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001751.D
 Acq: 15 May 2018 17:49

Tgt Ion: 114 Resp: 320223
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 15.8 0.0 29.8

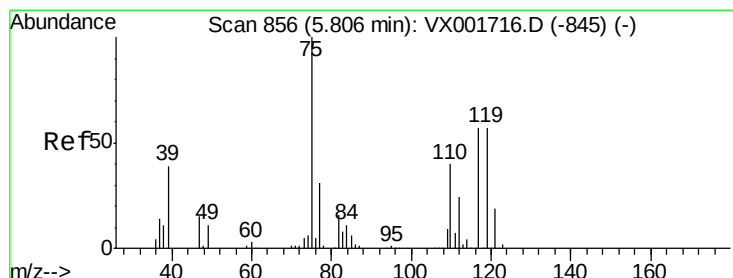
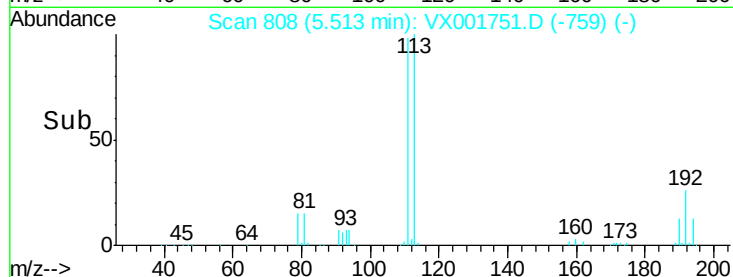
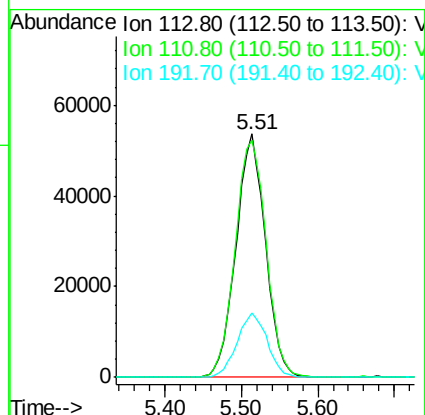
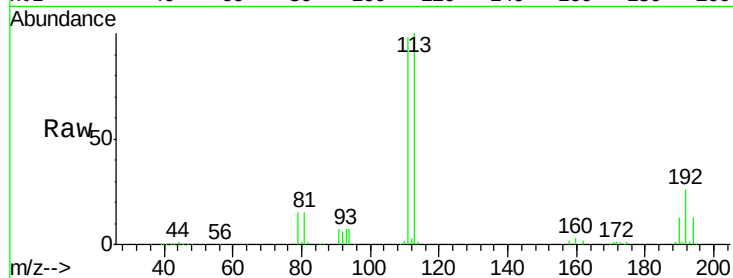




#35
 Dibromofluoromethane
 Concen: 53.00 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001751.D
 Acq: 15 May 2018 17:49

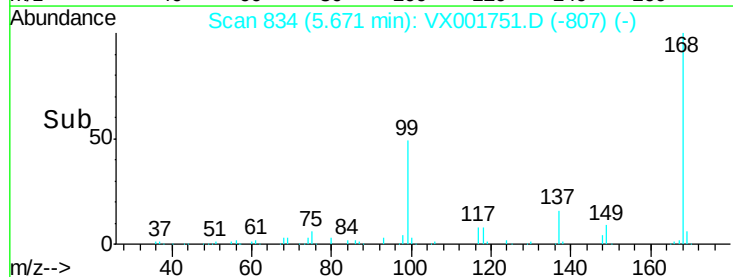
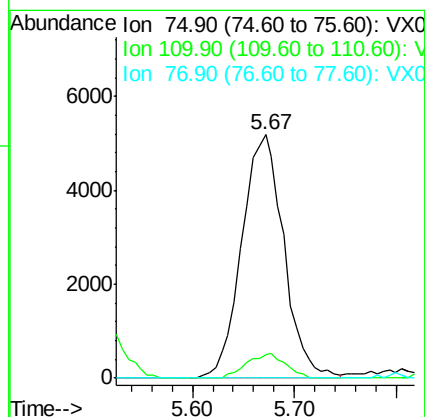
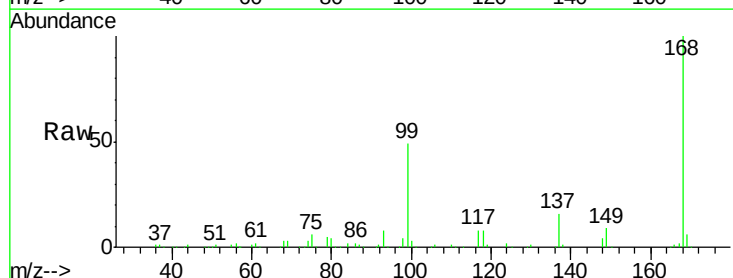
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-180503DL

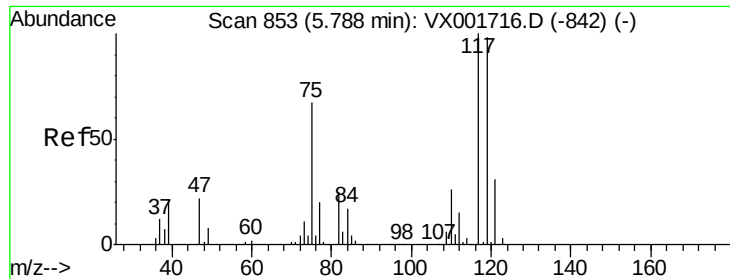
Tgt Ion:113 Resp: 143214
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 26.9 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 4.02 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001751.D
 Acq: 15 May 2018 17:49

Tgt Ion: 75 Resp: 14828
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 24.6 37.0#

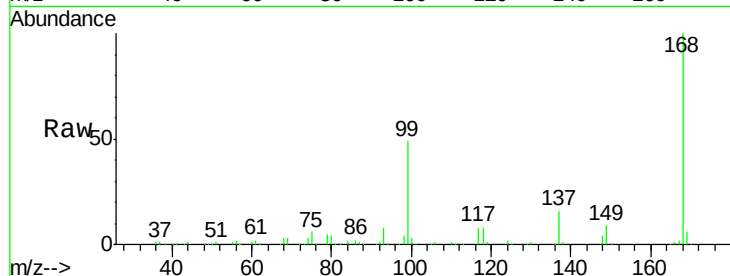




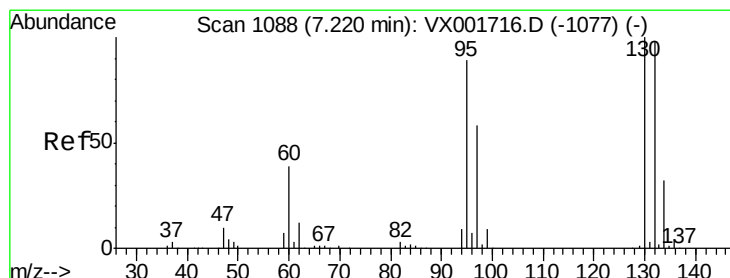
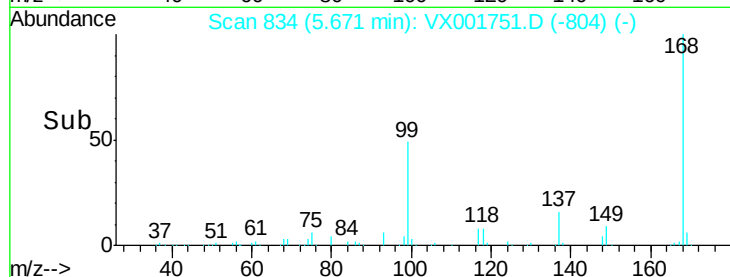
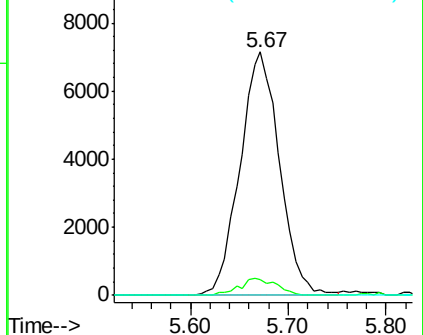
#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503DL

Tgt Ion:117 Resp: 20096
Ion Ratio Lower Upper
117 100
119 6.5 77.6 116.4#
121 0.0 24.6 36.8#

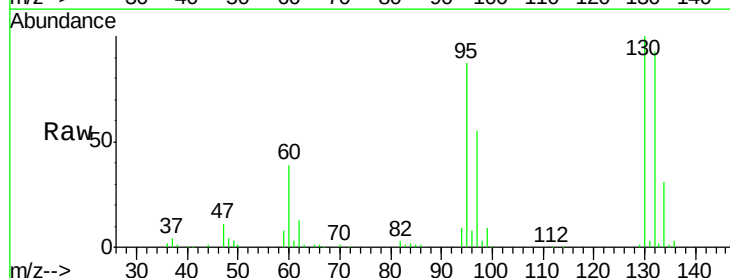


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

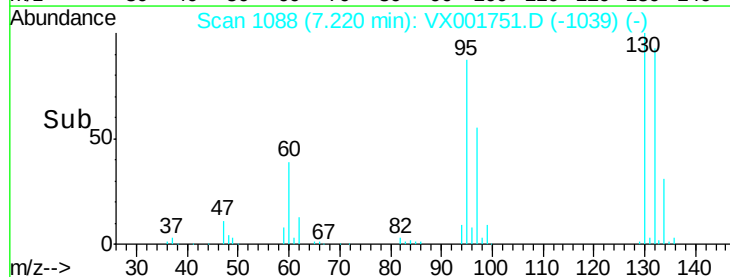
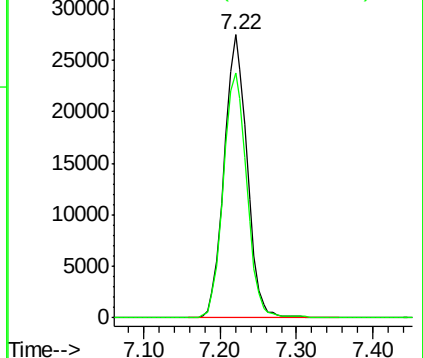


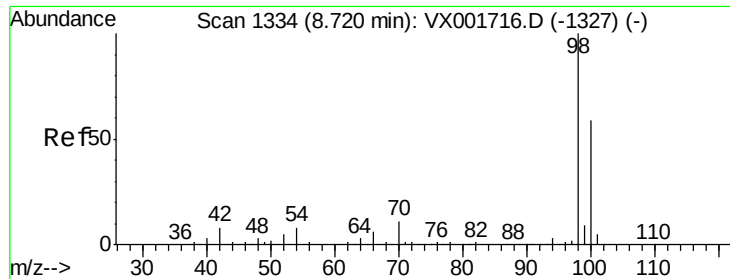
#44
Trichloroethene
Concen: 16.93 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

Tgt Ion:130 Resp: 57087
Ion Ratio Lower Upper
130 100
95 86.5 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

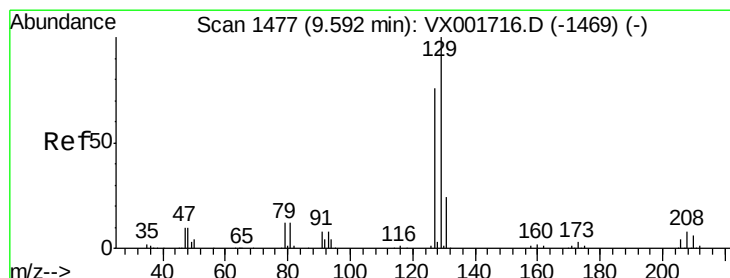
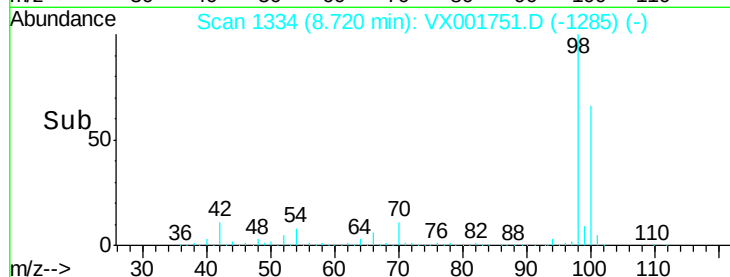
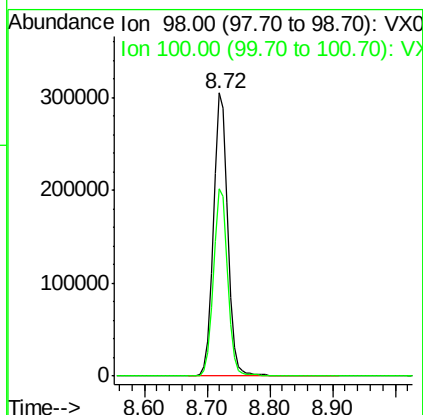
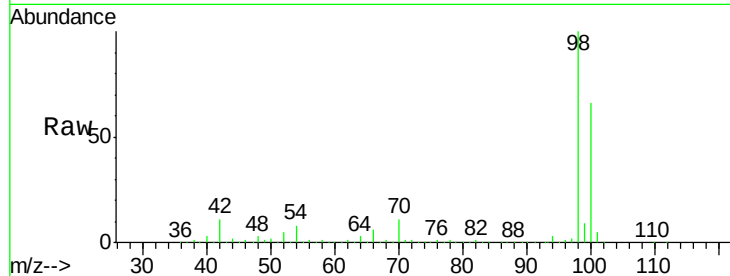




#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

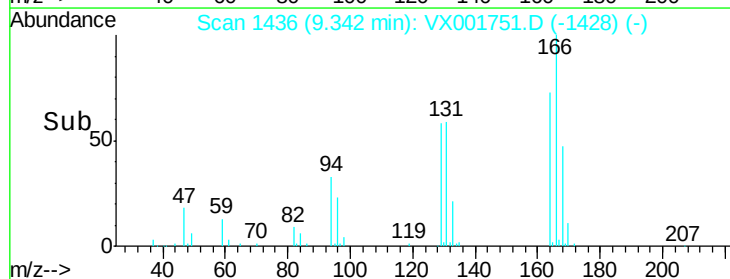
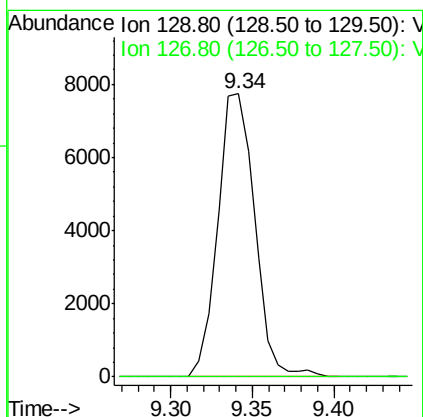
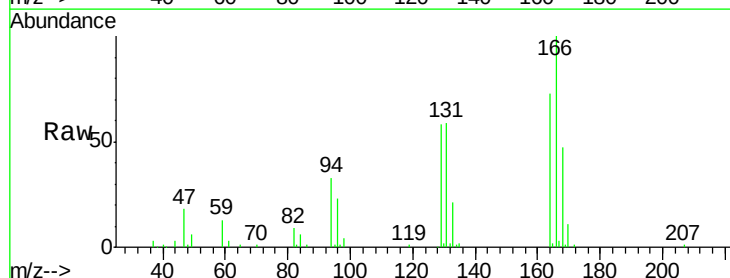
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503DL

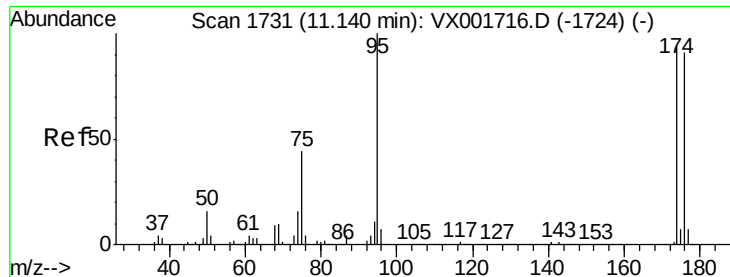
Tgt Ion: 98 Resp: 481035
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#60
Dibromochloromethane
Concen: 4.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

Tgt Ion: 129 Resp: 12240
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

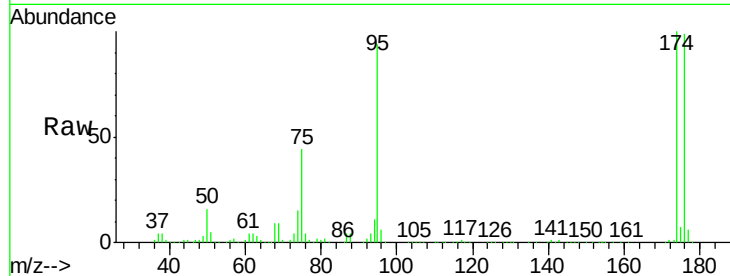




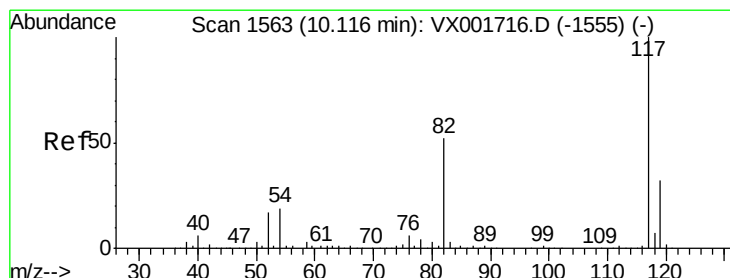
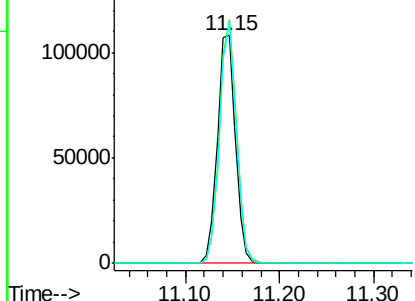
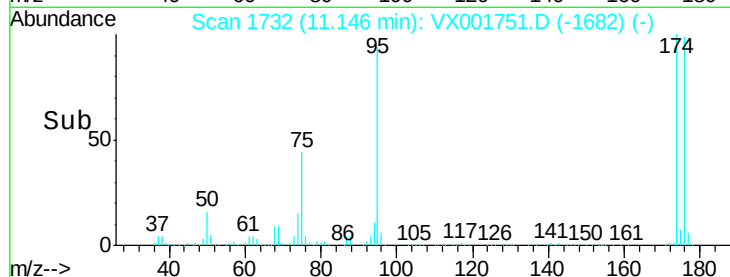
#62
4-Bromofluorobenzene
Concen: 41.28 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503DL

Tgt Ion: 95 Resp: 143854
Ion Ratio Lower Upper
95 100
174 101.9 0.0 201.8
176 99.1 0.0 196.8

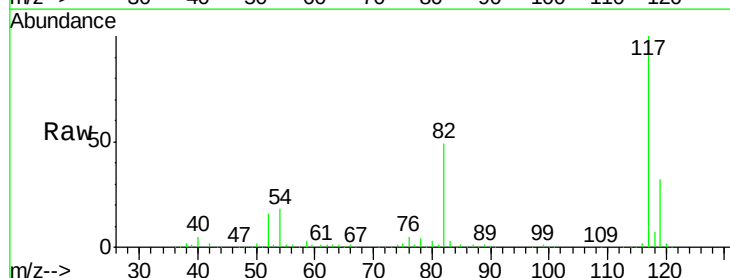


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

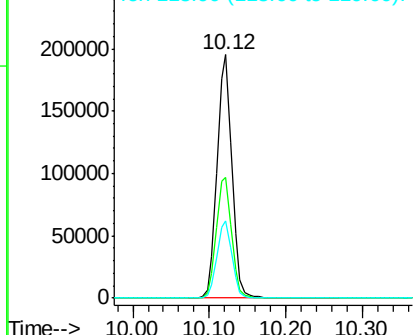
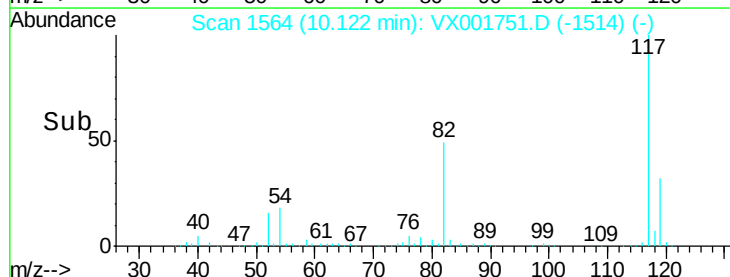


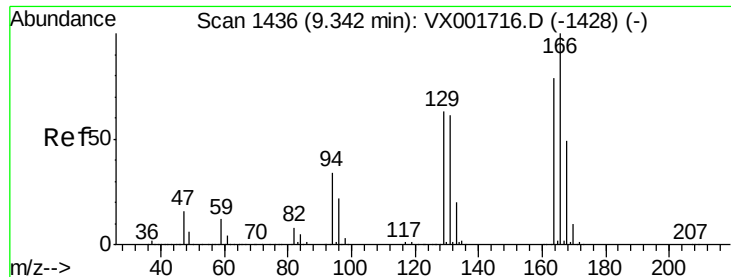
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001751.D
Acq: 15 May 2018 17:49

Tgt Ion: 117 Resp: 261861
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 31.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 4.25 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503DL

Tgt Ion:164 Resp: 14480

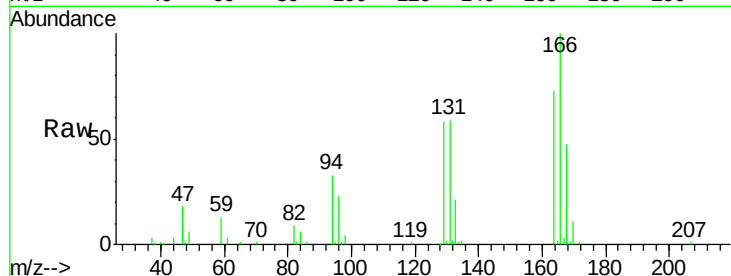
Ion Ratio Lower Upper

164 100

166 136.2 101.8 152.8

129 79.7 63.8 95.6

131 80.1 62.2 93.2

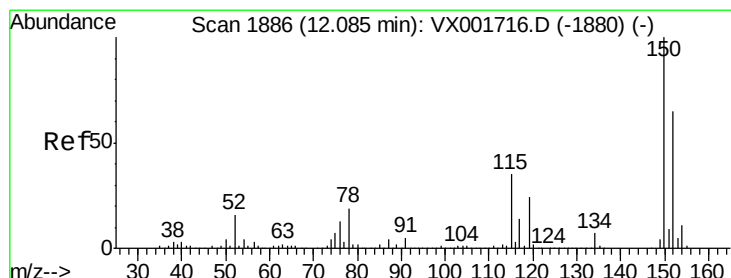
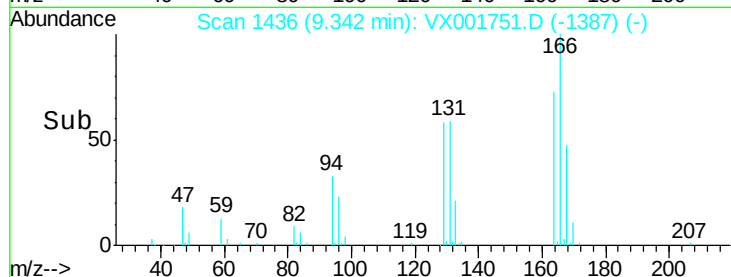
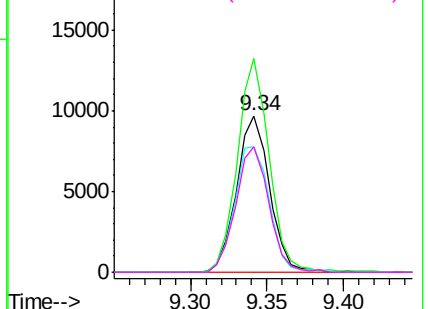


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

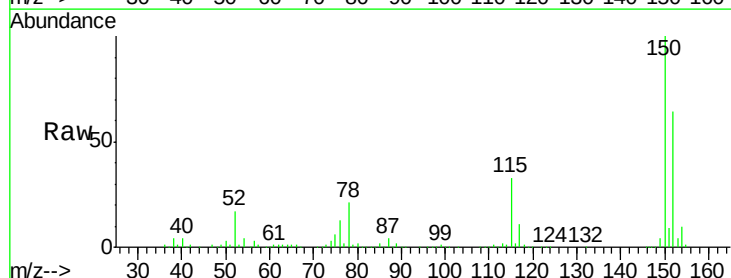
Tgt Ion:152 Resp: 119623

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

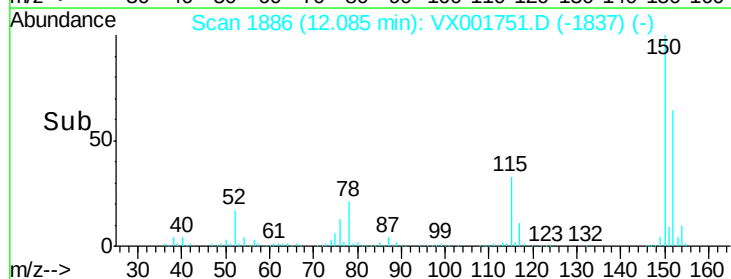
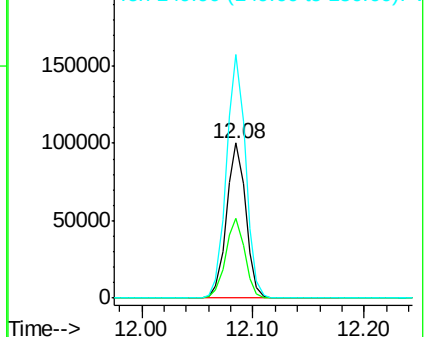
150 157.5 0.0 344.8

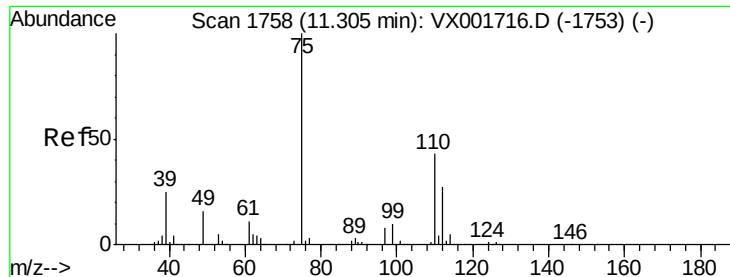


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

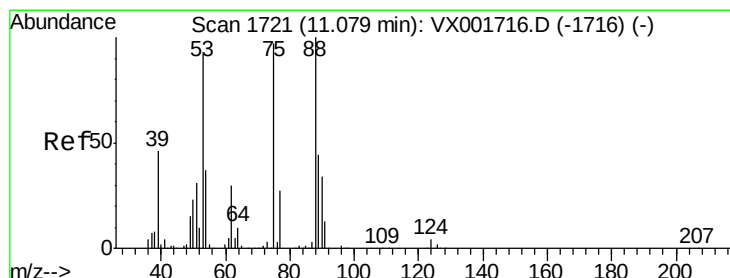
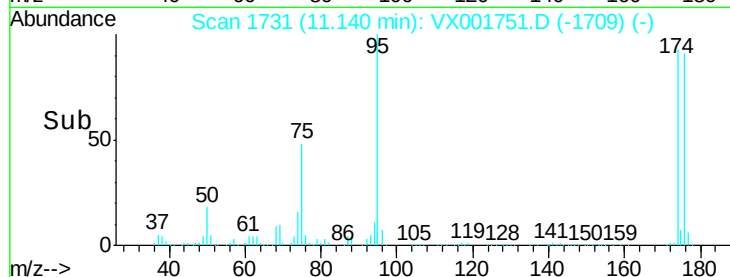
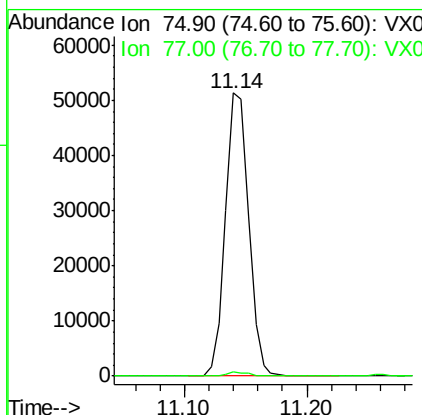
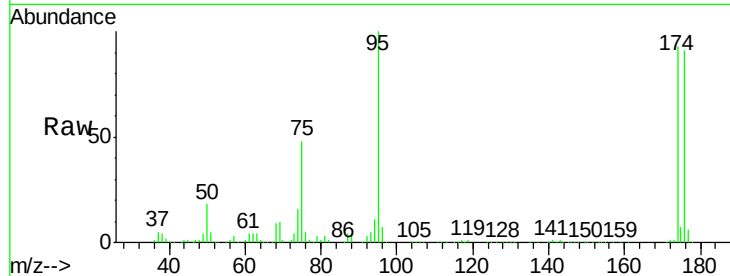




#76
 1,2,3-Trichloropropane
 Concen: 29.79 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001751.D
 Acq: 15 May 2018 17:49

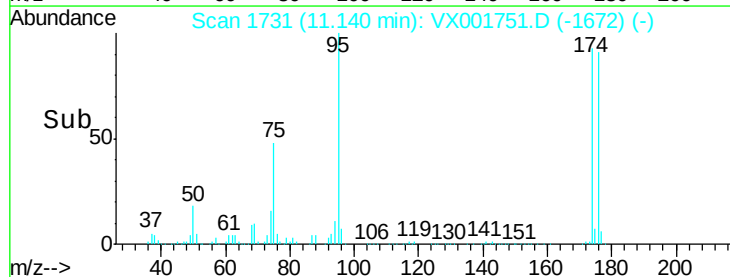
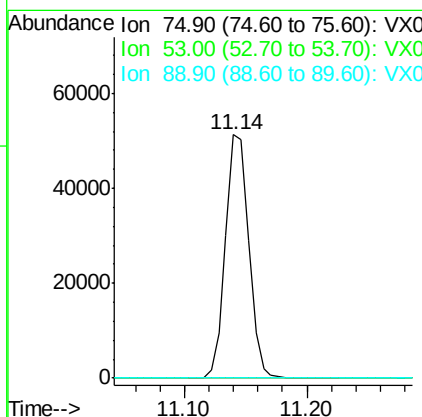
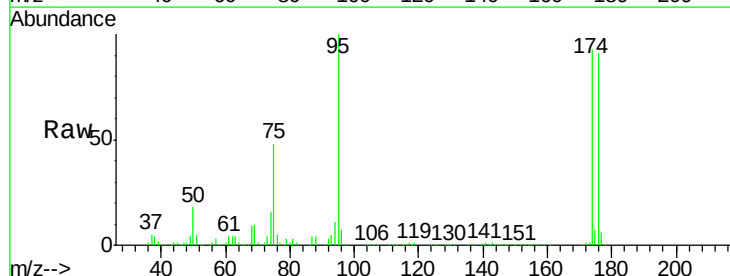
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-180503DL

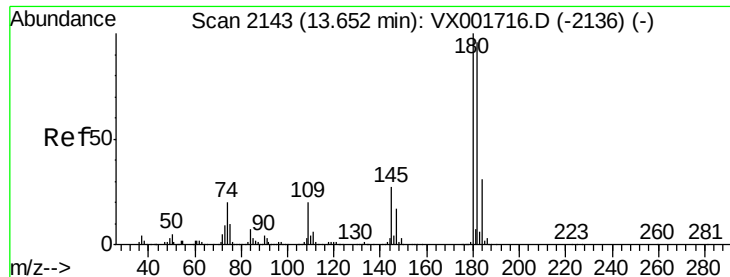
Tgt Ion: 75 Resp: 67756
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.20 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001751.D
 Acq: 15 May 2018 17:49

Tgt Ion: 75 Resp: 67756
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.2#
 89 0.0 38.8 58.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.22 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001751.D

Acq: 15 May 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503DL

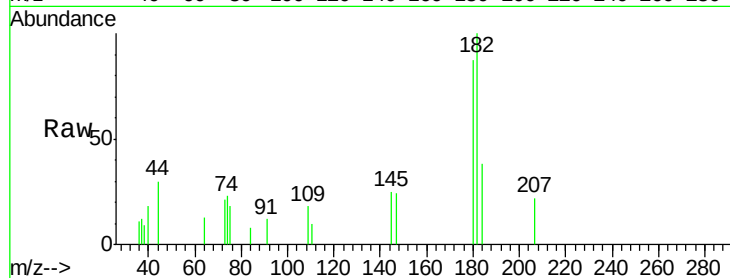
Tgt Ion:180 Resp: 747

Ion Ratio Lower Upper

180 100

182 116.5 47.6 142.9

145 25.6 13.4 40.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

