

Data File : VX001292.D

Acq On : 01 May 2018 22:33

Operator : JC/MD

Sample : J2507-04 50X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 25 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

Quant Time: May 02 02:09:27 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	220120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	124307	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	5.51	113	103502	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	8.72	98	386028	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
62) 4-Bromofluorobenzene	11.14	95	126405	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	398	0.22	ug/l	97
4) Vinyl Chloride	1.40	62	251947	133.27	ug/l	100
5) Bromomethane	1.66	94	1120	Below Cal	#	78
6) Chloroethane	1.78	64	1415	1.18	ug/l	# 43
9) 1,1,2-Trichlorotrifluoroet	2.38	101	618	0.34	ug/l	96
10) Methyl Iodide	2.53	142	1641	5.08	ug/l	99
11) Tert butyl alcohol	3.07	59	144	0.37	ug/l	# 1
12) 1,1-Dichloroethene	2.38	96	653	0.39	ug/l	# 82
13) Acrolein	2.29	56	83	0.37	ug/l	# 1
16) Acetone	2.45	43	33569	34.35	ug/l	98
20) Methylene Chloride	2.85	84	1118	Below Cal		91
21) trans-1,2-Dichloroethene	3.17	96	452	0.25	ug/l	92
24) 1,1-Dichloroethane	3.70	63	123013	39.51	ug/l	99
25) 2-Butanone	4.72	43	398972	301.96	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	13884	7.00	ug/l	91
29) Tetrahydrofuran	5.20	42	7289	8.97	ug/l	# 70
31) Cyclohexane	5.67	56	2923	1.04	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	10092	3.97	ug/l	# 49
37) Ethyl Acetate	4.72	43	398972	155.53	ug/l	# 70
38) Carbon Tetrachloride	5.68	117	14241	5.35	ug/l	# 17
40) Benzene	6.15	78	2161	0.30	ug/l	# 76
41) Methacrylonitrile	5.20	41	17116	11.46	ug/l	# 47
48) Methyl methacrylate	7.77	41	585	0.26	ug/l	# 51
49) 1,4-Dioxane	7.76	88	15811	379.50	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	132185	49.37	ug/l	98
52) Toluene	8.79	92	549246	114.97	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	6741	2.62	ug/l	# 1
55) 1,1,2-Trichloroethane	9.23	97	4128	2.14	ug/l	94
65) Chlorobenzene	10.15	112	4261	0.79	ug/l	99
67) Ethyl Benzene	10.26	91	6267	0.70	ug/l	96
68) m/p-Xylenes	10.37	106	4423	1.26	ug/l	89
69) o-Xylene	10.70	106	2205	0.65	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	65971	31.37	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	65971	97.60	ug/l	# 6

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

Data File : VX001292.D
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

Quant Time: May 02 02:09:27 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

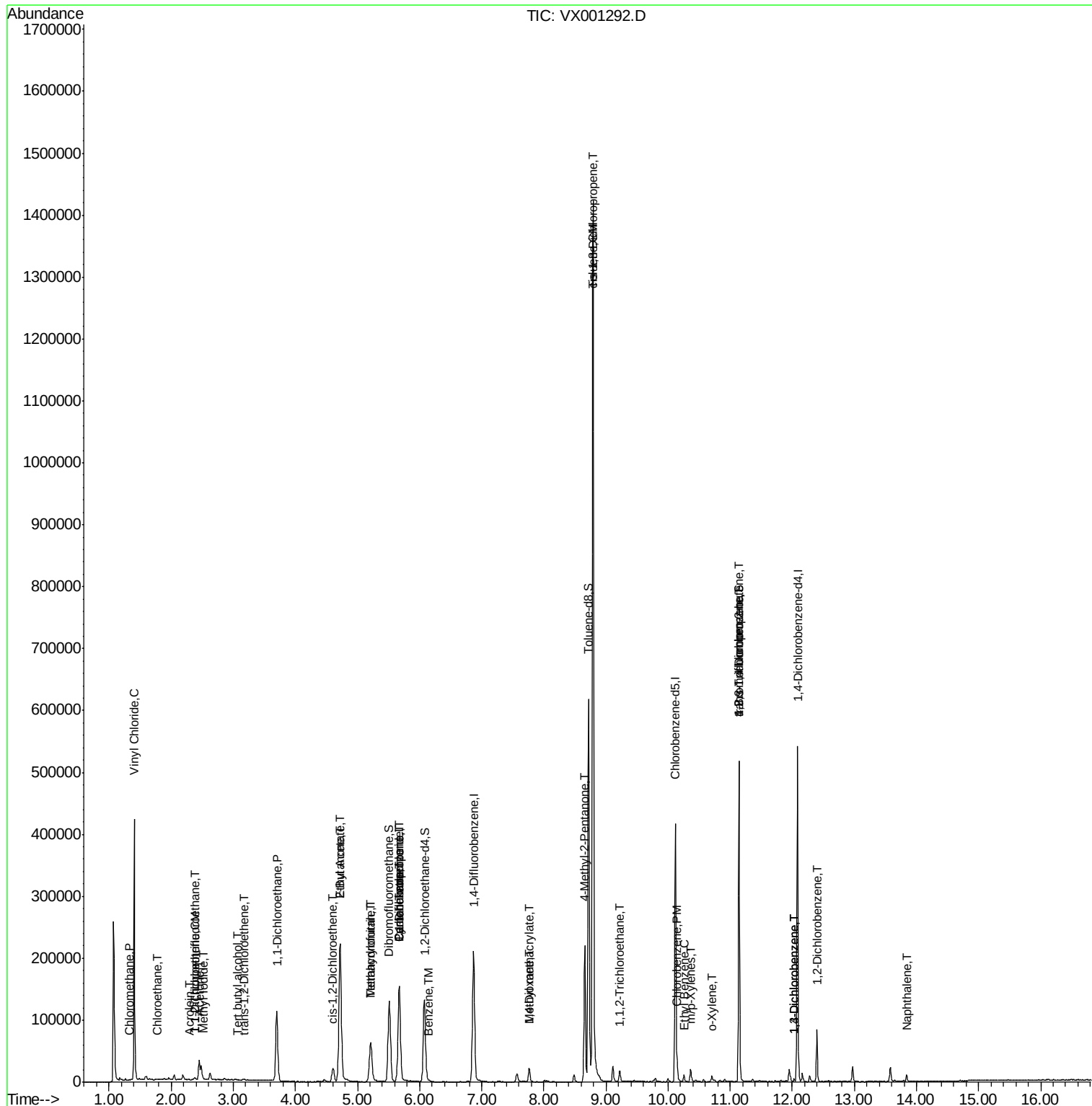
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.03	146	1206	0.29	ug/l	87
88) 1,4-Dichlorobenzene	12.03	146	1206	0.29	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	27197	6.67	ug/l	99
95) Naphthalene	13.84	128	6710	0.81	ug/l	97

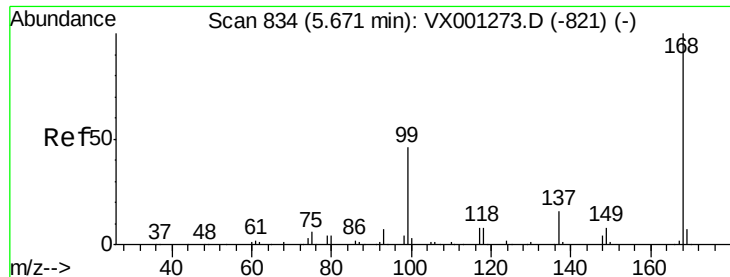
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

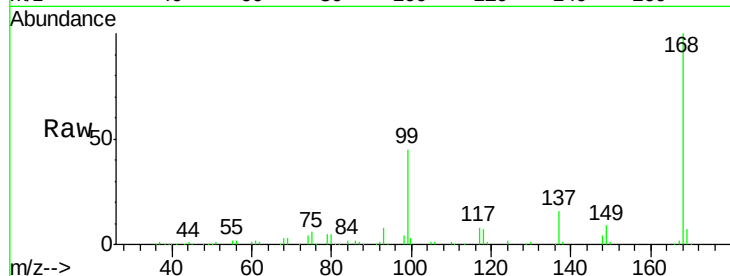
KY032MW006-180419

Tgt Ion:168 Resp: 165379

Ion Ratio Lower Upper

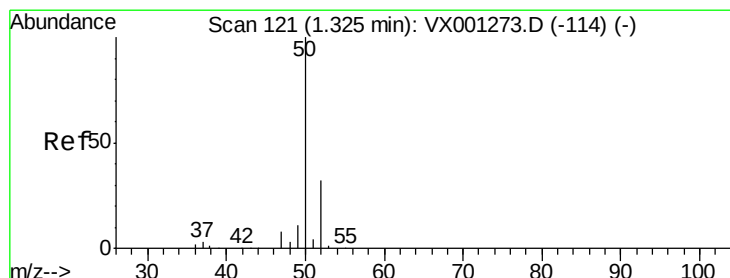
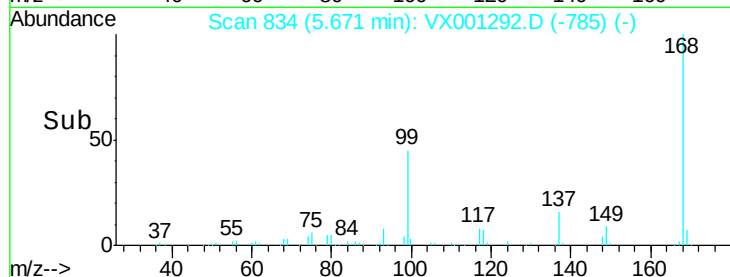
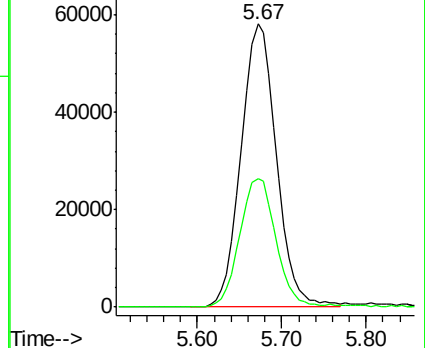
168 100

99 45.5 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX001292.D

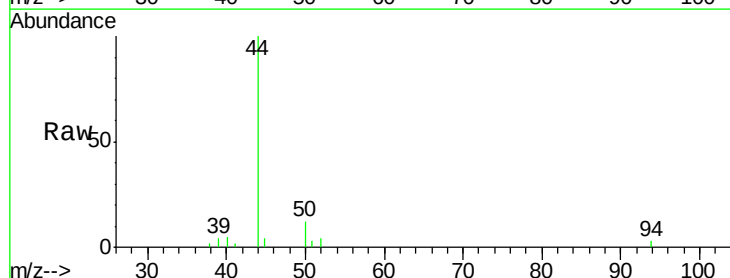
Acq: 01 May 2018 22:33

Tgt Ion: 50 Resp: 398

Ion Ratio Lower Upper

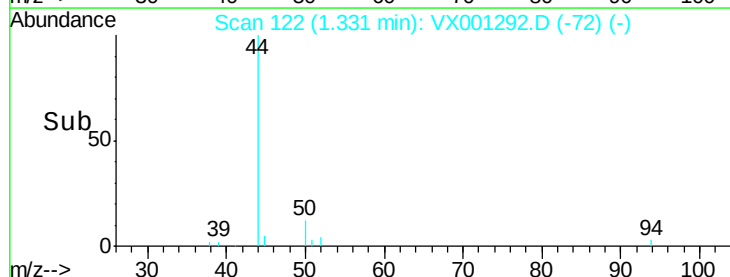
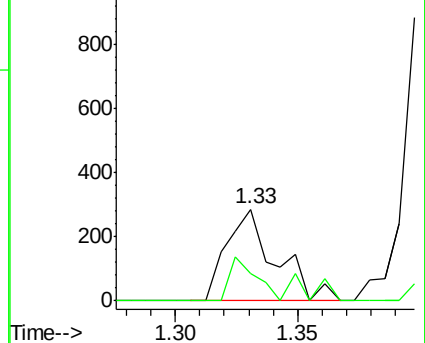
50 100

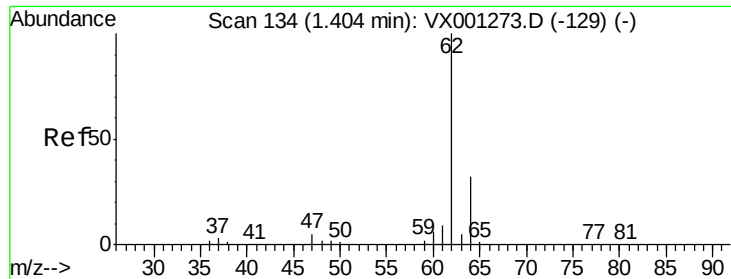
52 30.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 133.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

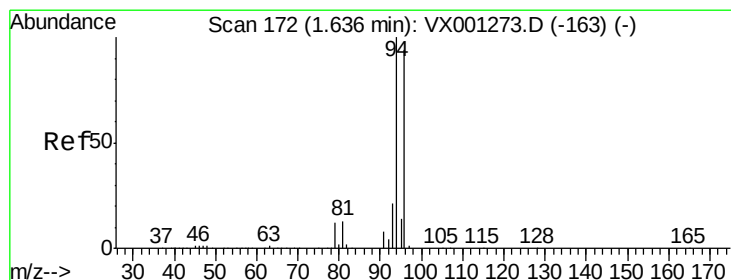
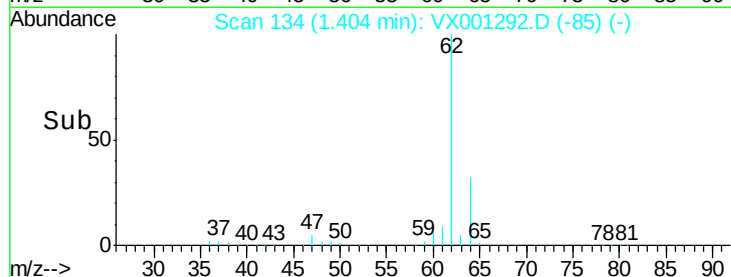
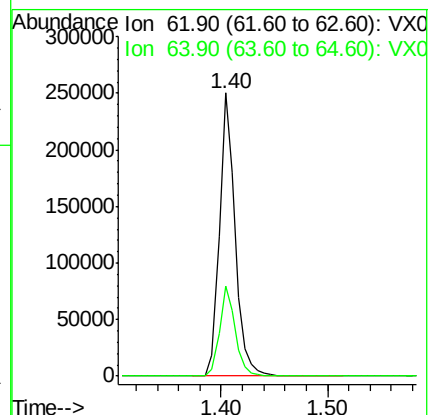
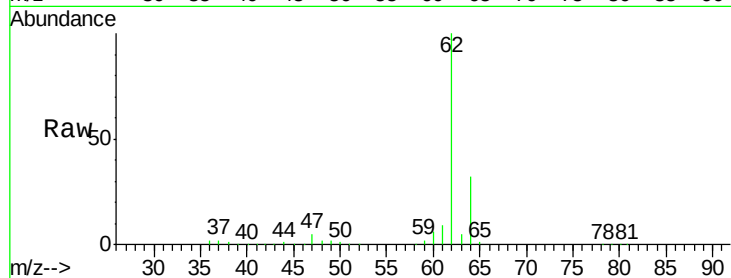
KY032MW006-180419

Tgt Ion: 62 Resp: 251947

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001292.D

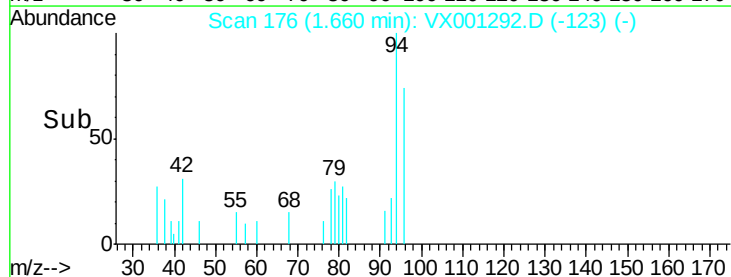
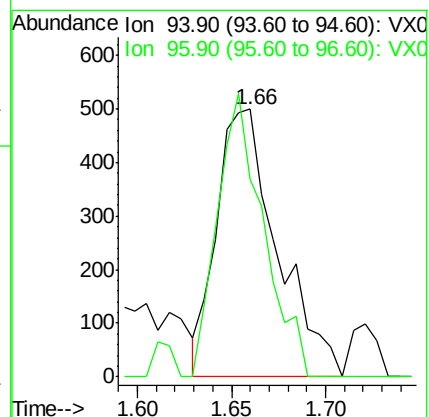
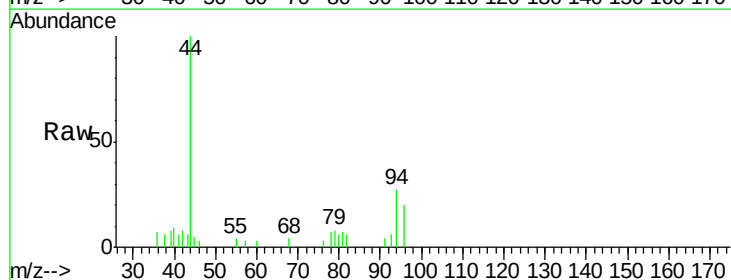
Acq: 01 May 2018 22:33

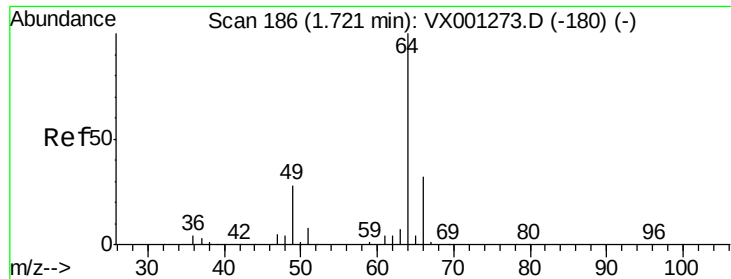
Tgt Ion: 94 Resp: 1120

Ion Ratio Lower Upper

94 100

96 73.6 75.6 113.4#





#6

Chloroethane

Concen: 1.18 ug/l

RT: 1.78 min Scan# 195

Delta R.T. 0.05 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

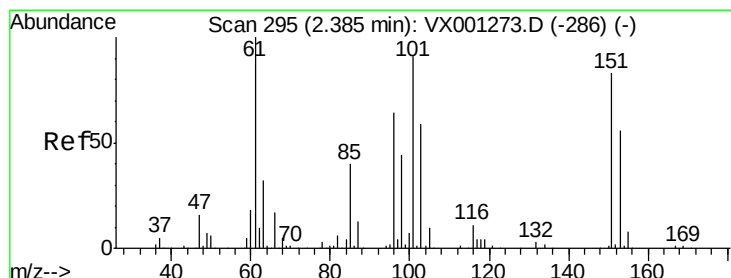
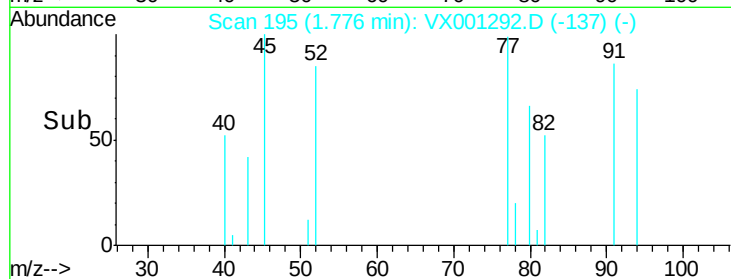
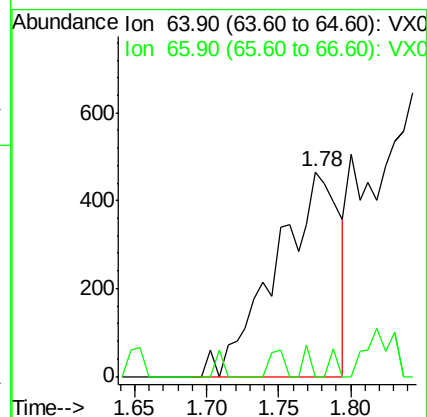
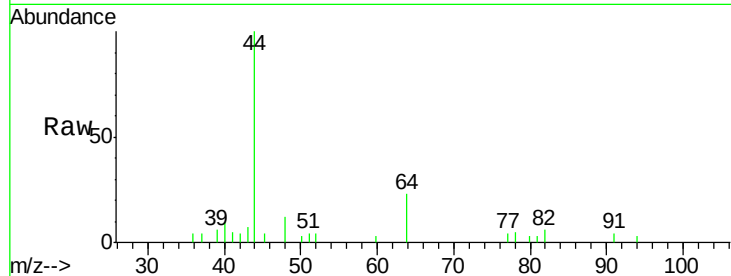
KY032MW006-180419

Tgt Ion: 64 Resp: 1415

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.34 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

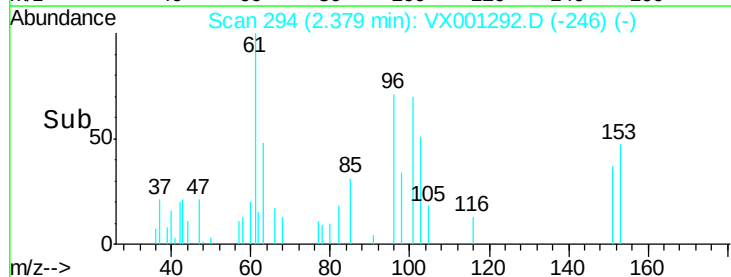
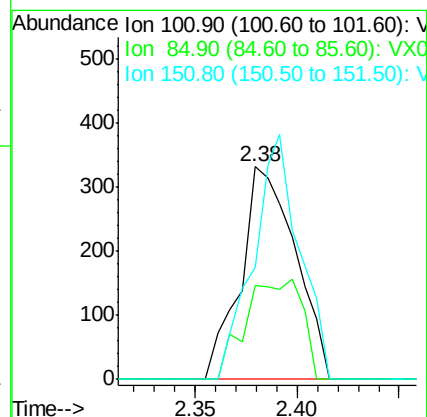
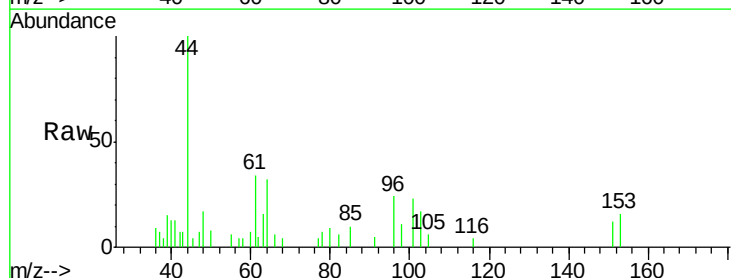
Tgt Ion: 101 Resp: 618

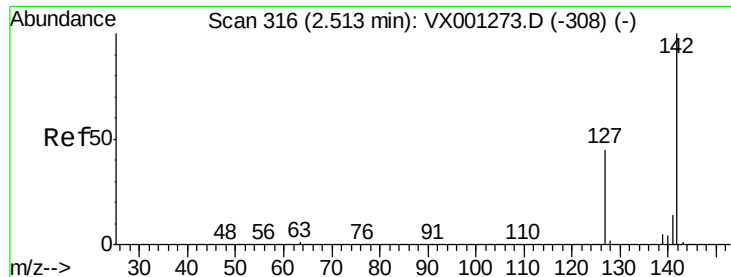
Ion Ratio Lower Upper

101 100

85 48.4 35.6 53.4

151 96.6 74.8 112.2

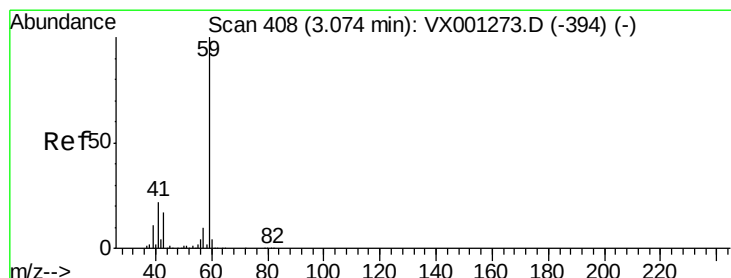
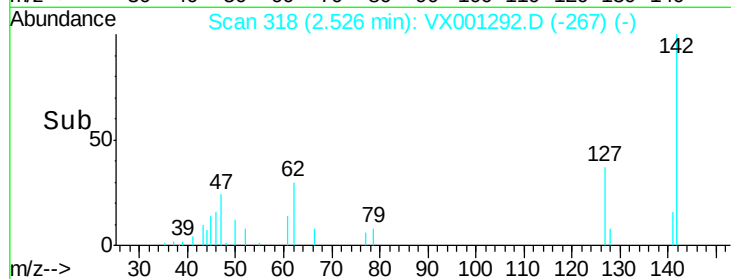
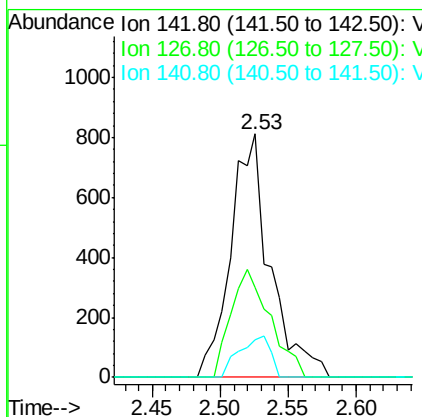
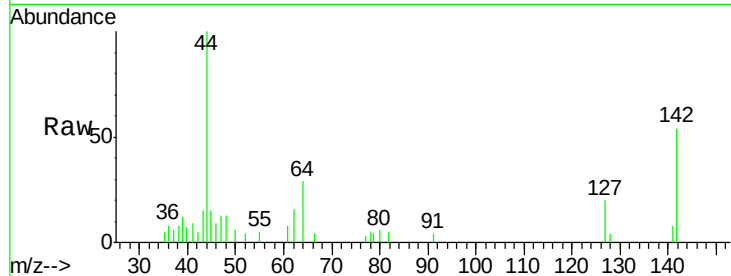




#10
Methyl Iodide
Concen: 5.08 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

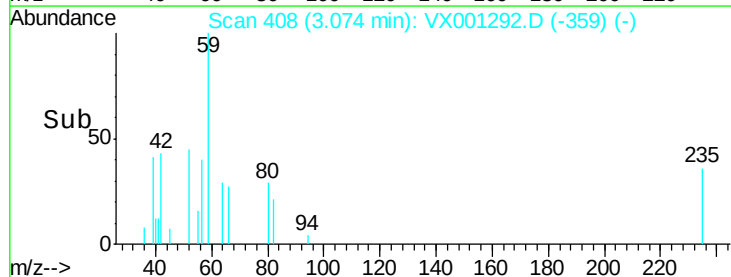
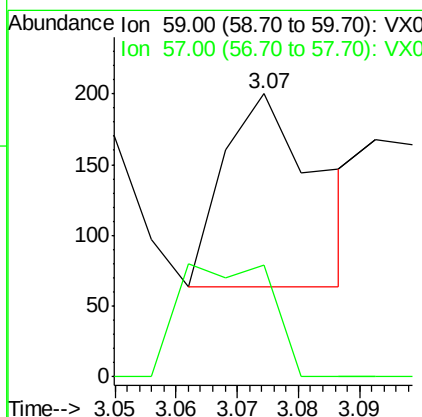
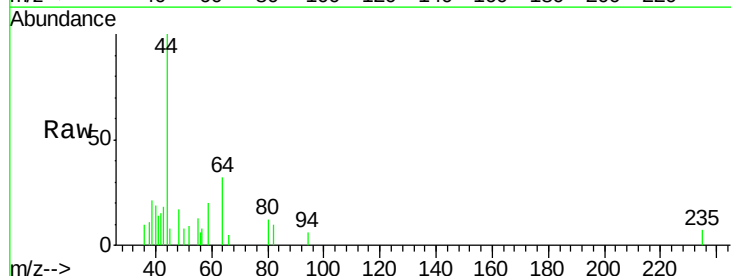
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

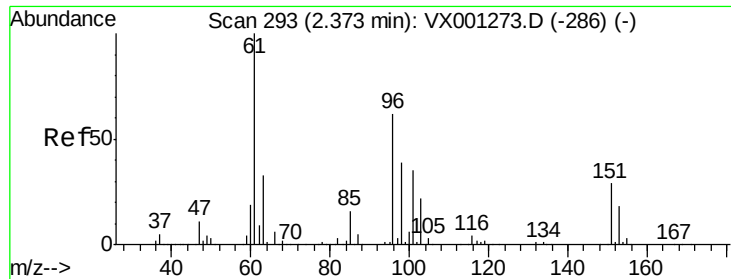
Tgt Ion:142 Resp: 1641
Ion Ratio Lower Upper
142 100
127 44.1 35.7 53.5
141 13.5 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 58.3 8.6 12.8#





#12

1,1-Dichloroethene

Concen: 0.39 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

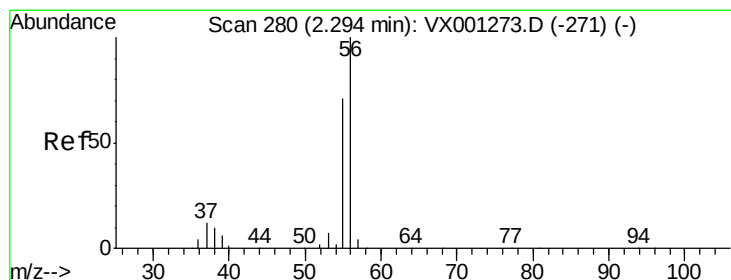
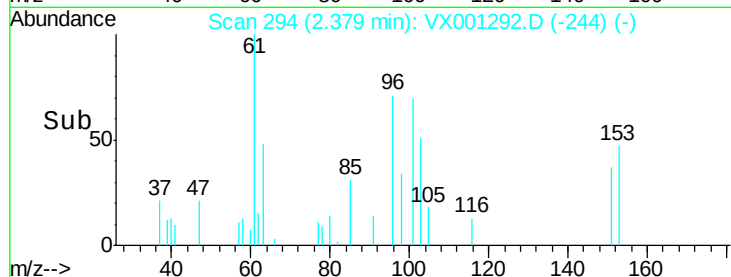
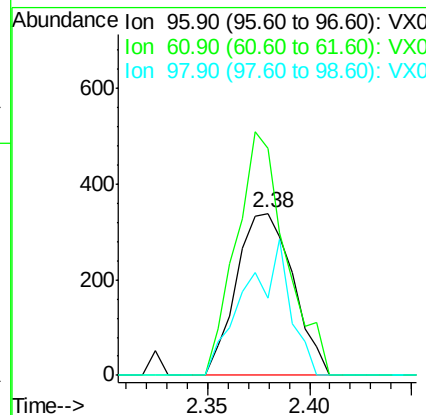
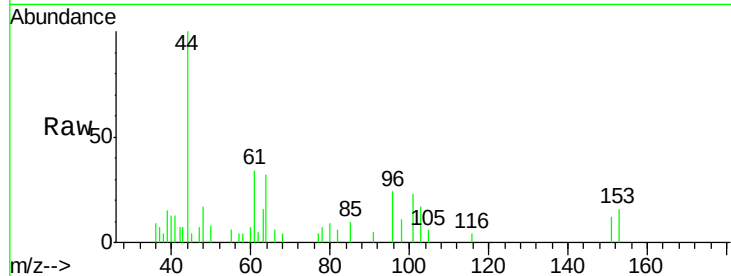
MSVOA_X

ClientSampleId :

KY032MW006-180419

Tgt Ion: 96 Resp: 653

Ion	Ratio	Lower	Upper
96	100		
61	140.1	130.1	195.1
98	47.8	50.3	75.5#



#13

Acrolein

Concen: 0.37 ug/l

RT: 2.29 min Scan# 280

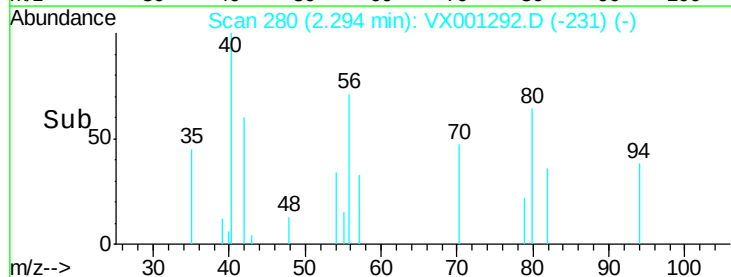
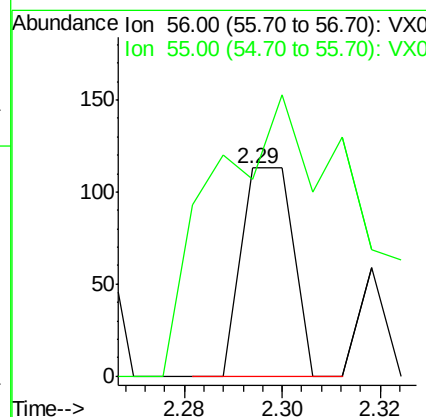
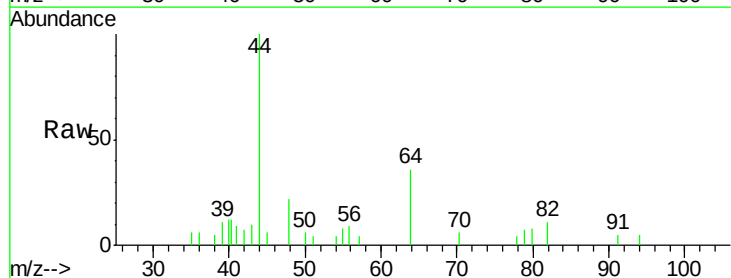
Delta R.T. -0.00 min

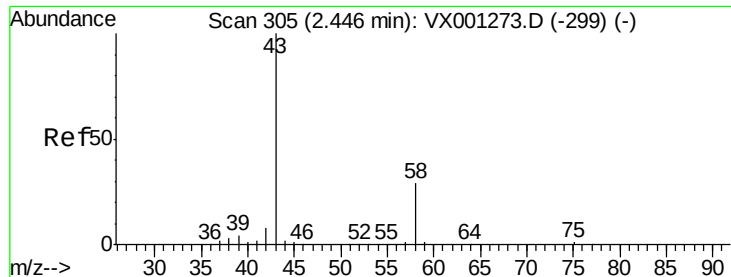
Lab File: VX001292.D

Acq: 01 May 2018 22:33

Tgt Ion: 56 Resp: 83

Ion	Ratio	Lower	Upper
56	100		
55	368.7	57.2	85.8#





#16

Acetone

Concen: 34.35 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

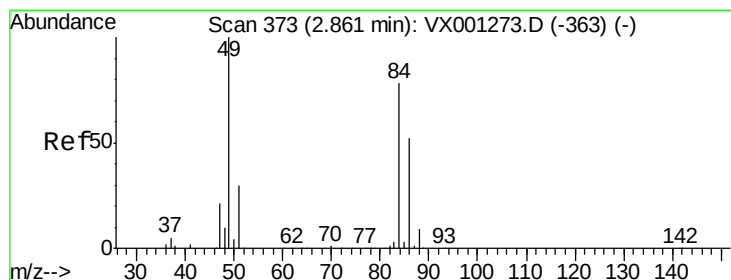
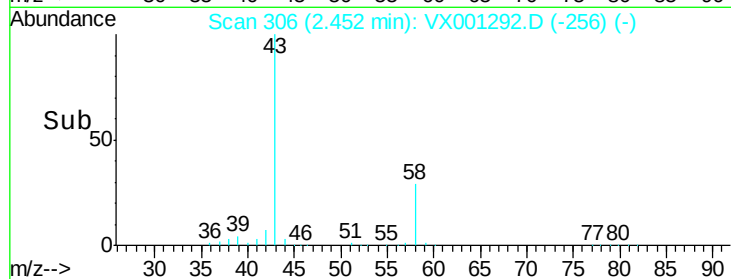
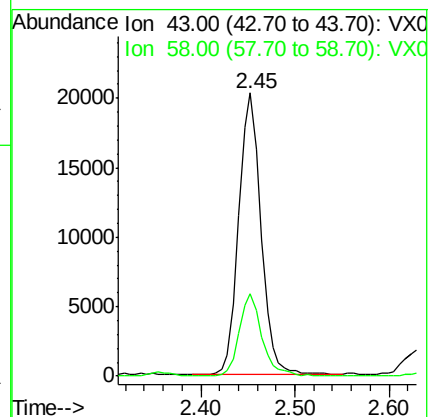
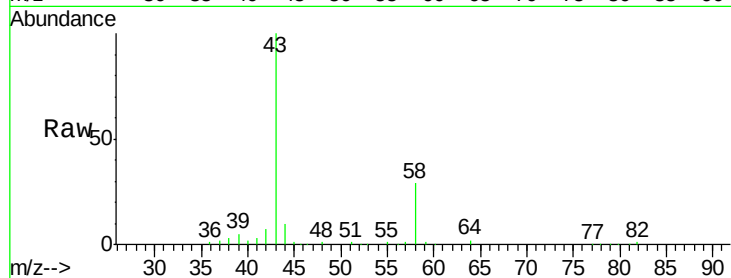
KY032MW006-180419

Tgt Ion: 43 Resp: 33569

Ion Ratio Lower Upper

43 100

58 29.4 22.8 34.2



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Tgt Ion: 84 Resp: 1118

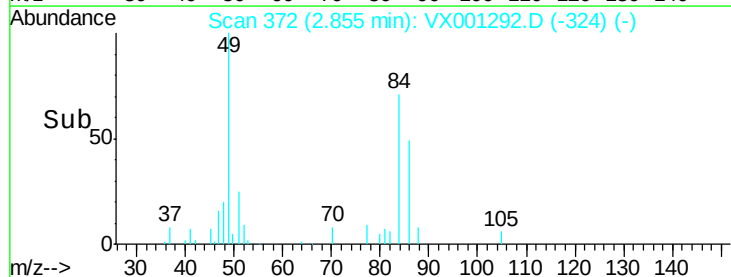
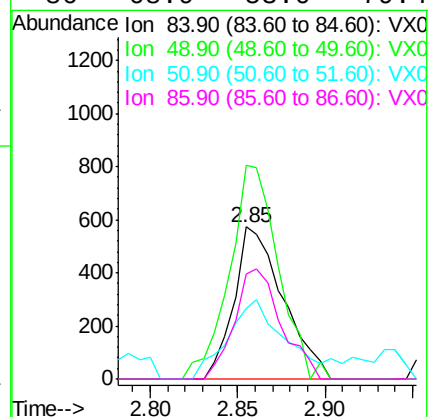
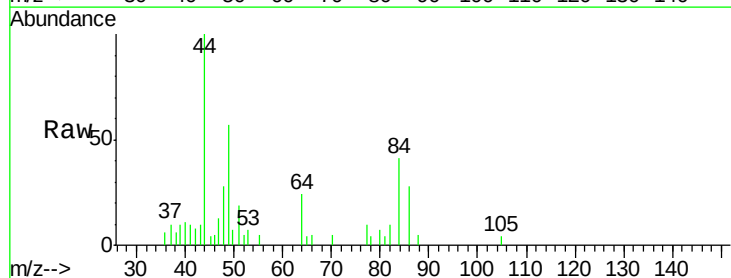
Ion Ratio Lower Upper

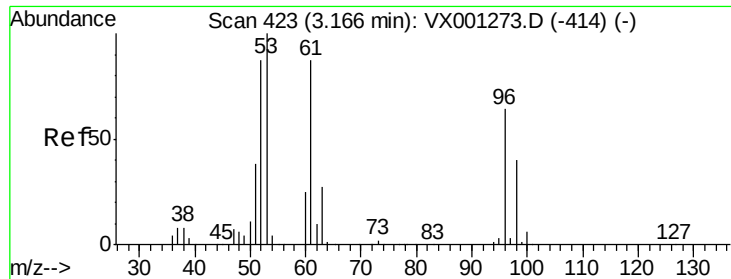
84 100

49 140.5 102.8 154.2

51 46.1 30.9 46.3

86 68.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 0.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001292.D

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Instrument :

MSVOA_X

ClientSampleId :

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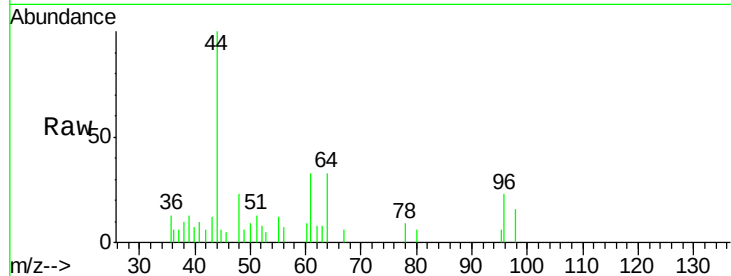
Tgt Ion: 96 Resp: 452

Ion Ratio Lower Upper

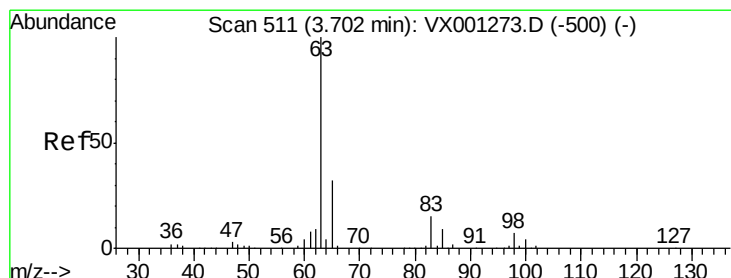
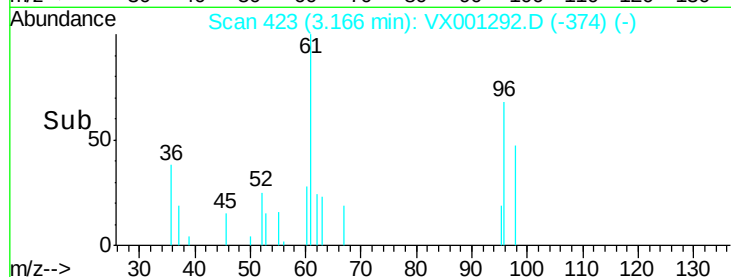
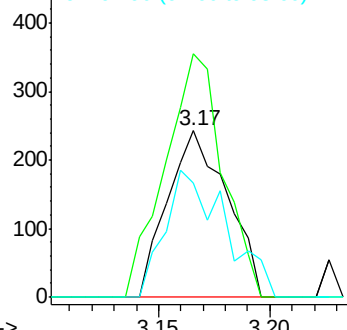
96 100

61 146.1 108.6 162.8

98 68.3 49.7 74.5



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



#24

1,1-Dichloroethane

Concen: 39.51 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

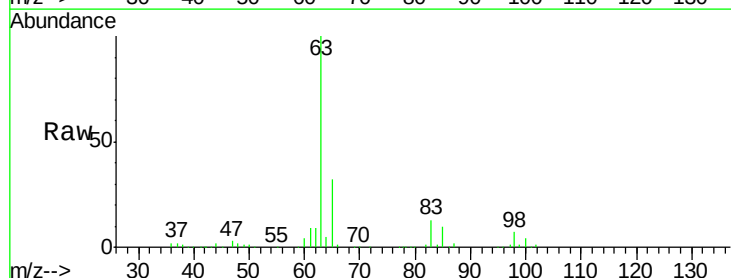
Tgt Ion: 63 Resp: 123013

Ion Ratio Lower Upper

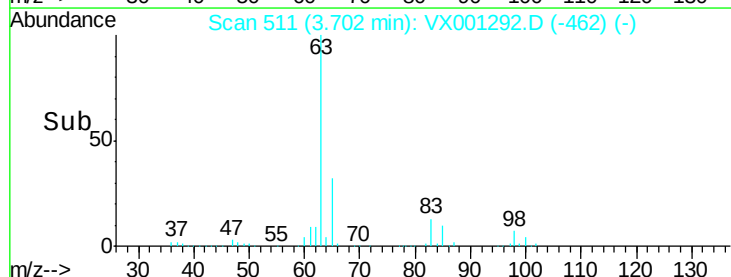
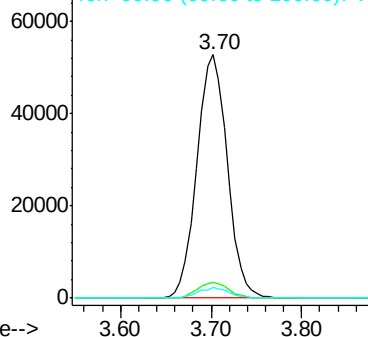
63 100

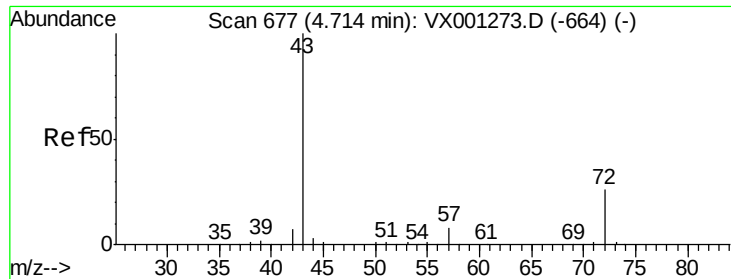
98 6.6 3.5 10.5

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 301.96 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

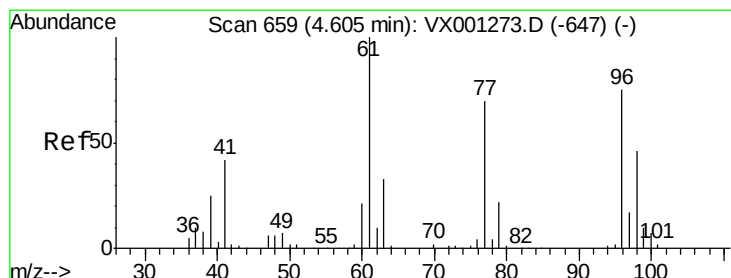
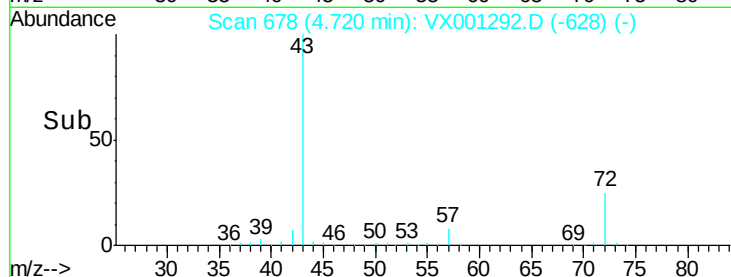
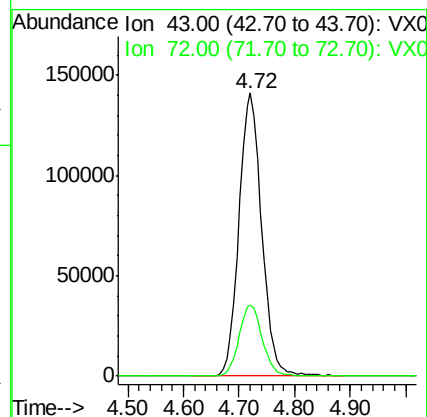
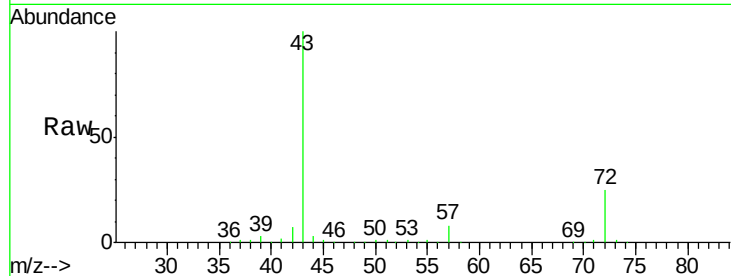
KY032MW006-180419

Tgt Ion: 43 Resp: 398972

Ion Ratio Lower Upper

43 100

72 25.0 20.5 30.7



#27

cis-1,2-Dichloroethene

Concen: 7.00 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

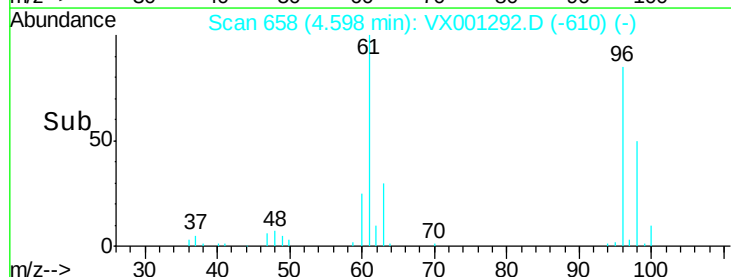
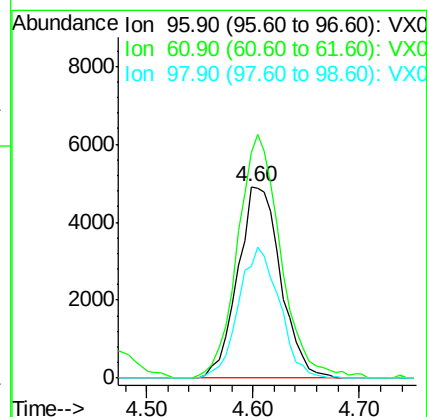
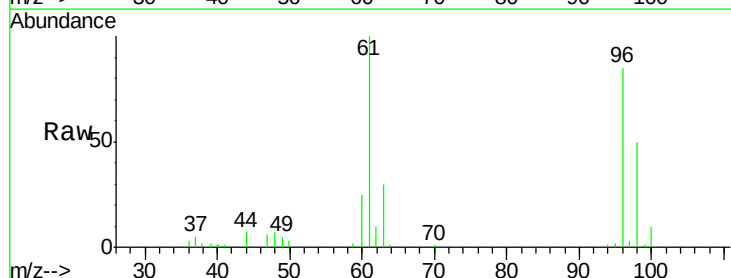
Tgt Ion: 96 Resp: 13884

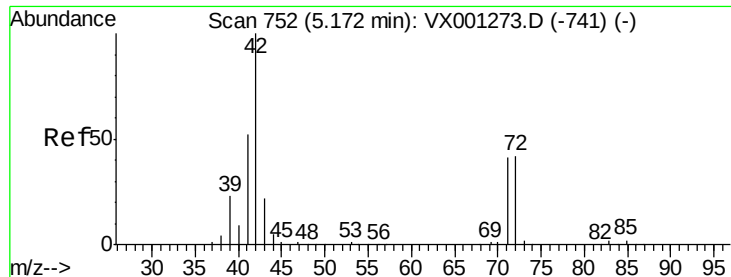
Ion Ratio Lower Upper

96 100

61 128.2 0.0 288.0

98 65.2 0.0 130.2





#29

Tetrahydrofuran

Concen: 8.97 ug/l

RT: 5.20 min Scan# 757

Delta R.T. 0.03 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

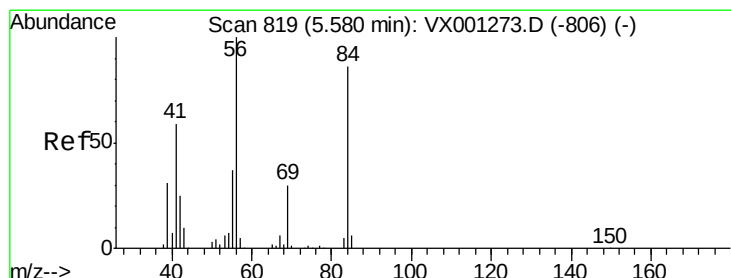
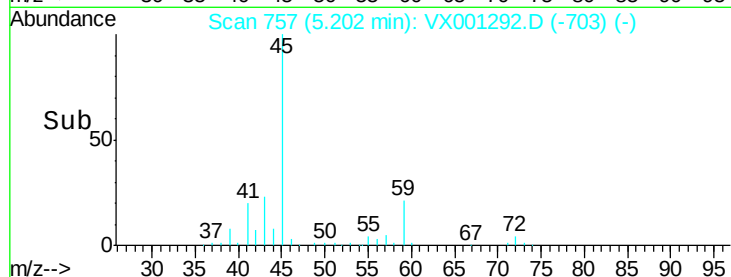
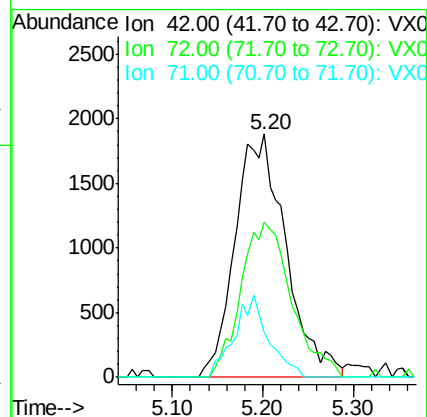
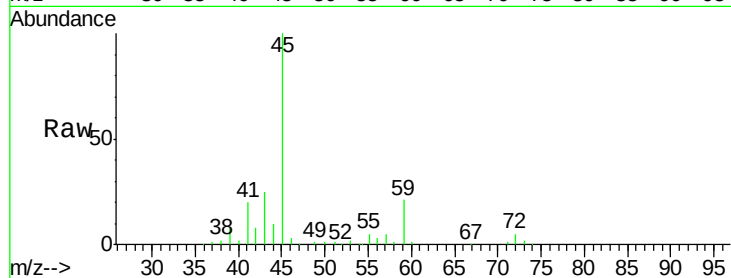
Tgt Ion: 42 Resp: 7289

Ion Ratio Lower Upper

42 100

72 63.7 34.6 52.0#

71 22.8 32.7 49.1#



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

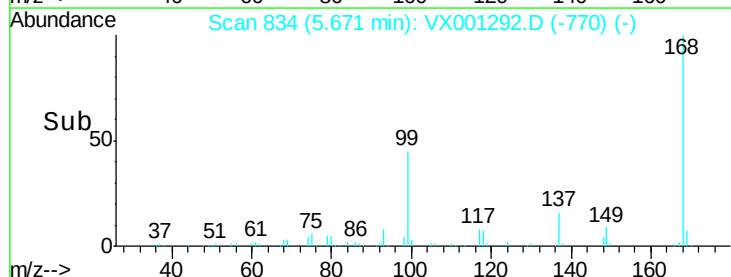
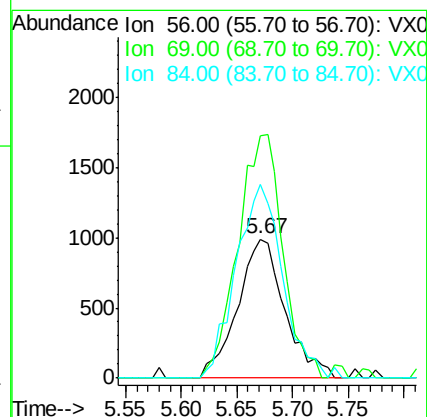
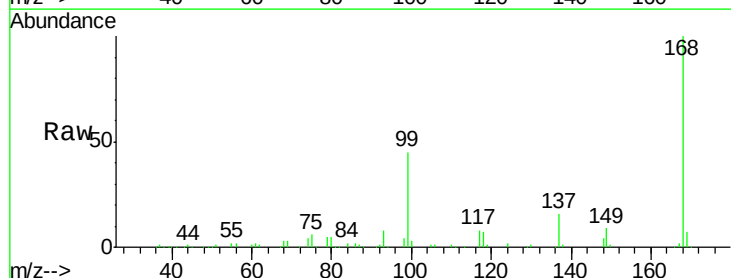
Tgt Ion: 56 Resp: 2923

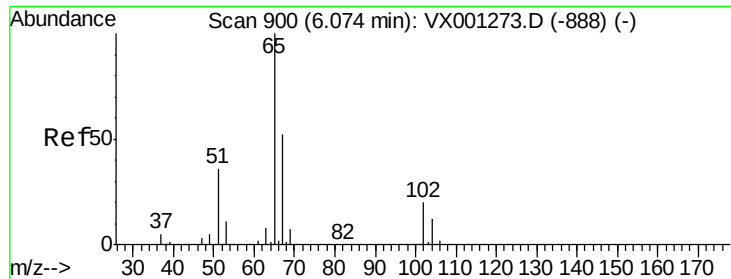
Ion Ratio Lower Upper

56 100

69 174.0 24.0 36.0#

84 139.5 69.0 103.4#

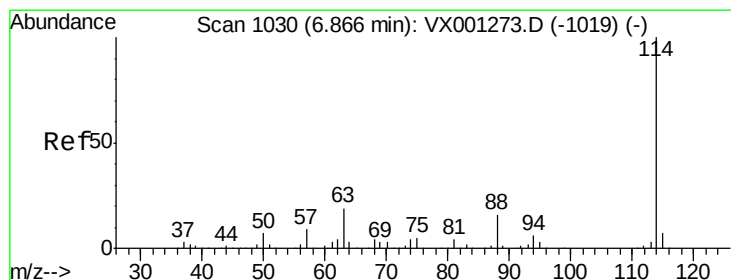
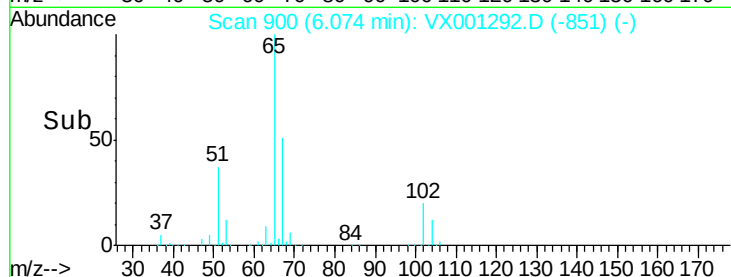
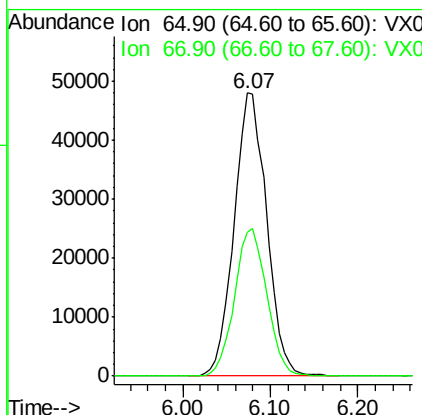
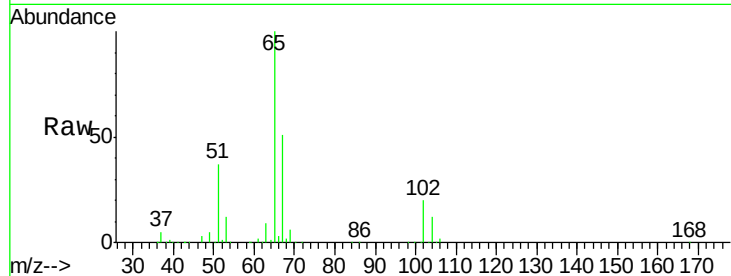




#33
 1,2-Dichloroethane-d4
 Concen: 54.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001292.D
 Acq: 01 May 2018 22:33

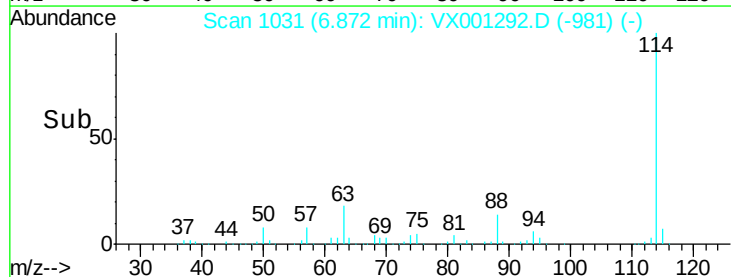
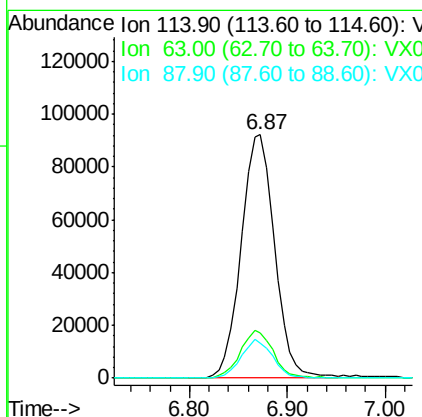
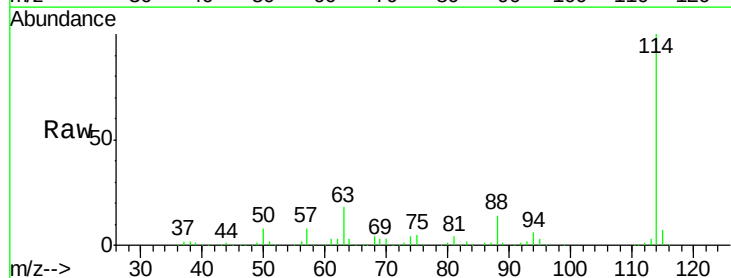
Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

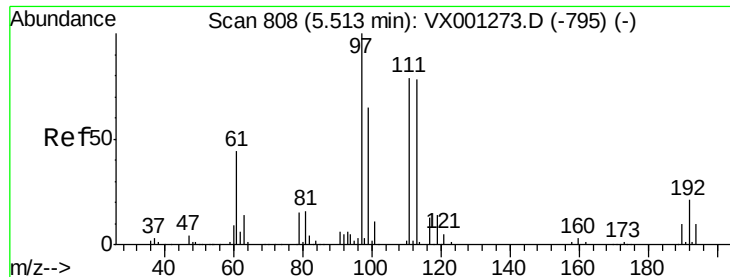
Tgt Ion: 65 Resp: 124307
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001292.D
 Acq: 01 May 2018 22:33

Tgt Ion: 114 Resp: 220120
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 14.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.58 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

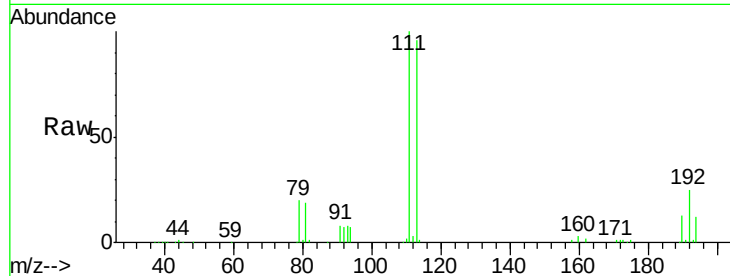
Tgt Ion:113 Resp: 103502

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

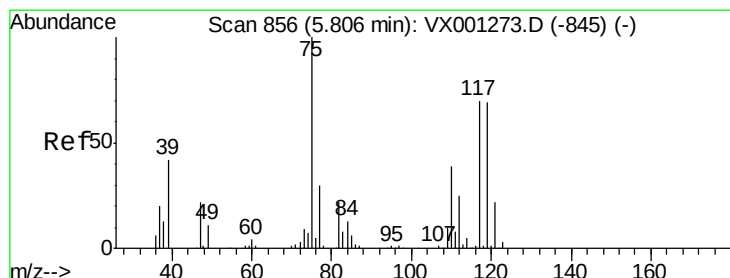
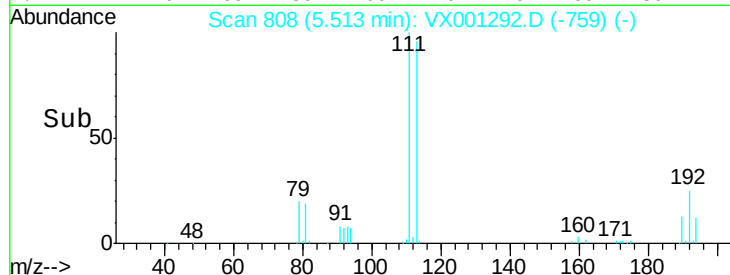
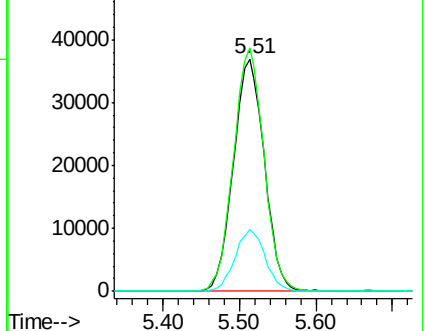
192 25.9 20.7 31.1



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: 3.97 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

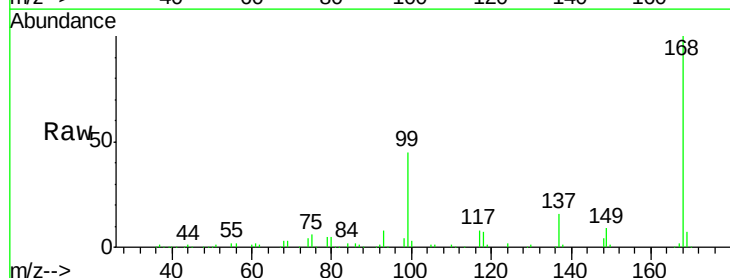
Tgt Ion: 75 Resp: 10092

Ion Ratio Lower Upper

75 100

110 9.7 18.9 56.9#

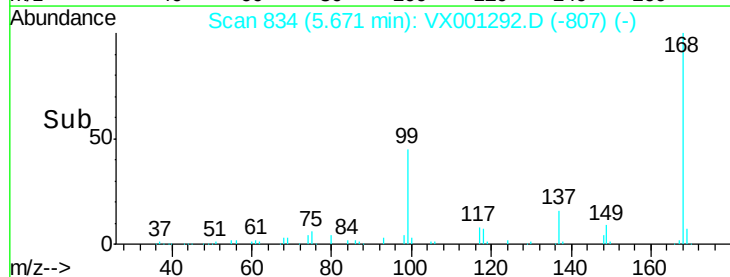
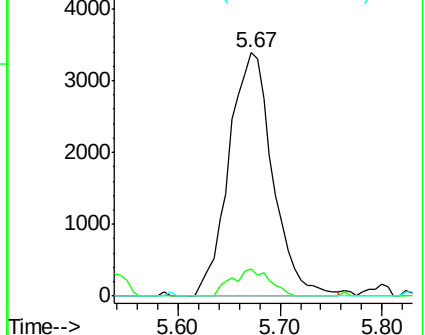
77 0.0 24.2 36.2#

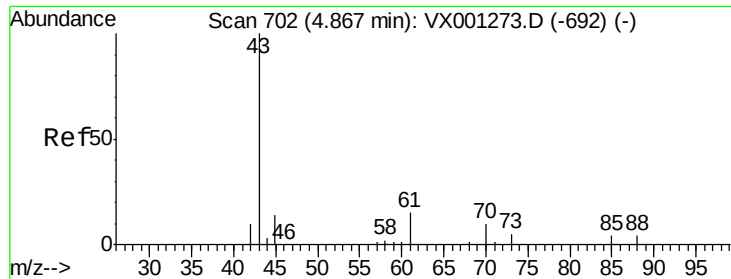


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 155.53 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.15 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

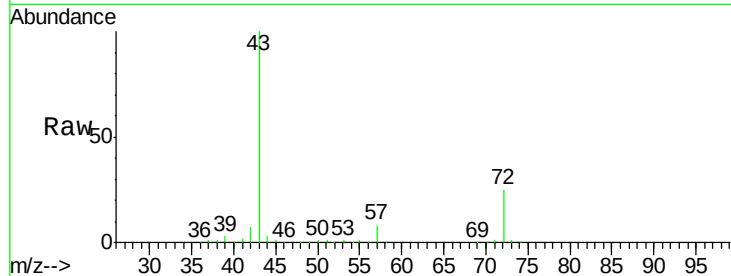
Tgt Ion: 43 Resp: 398972

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

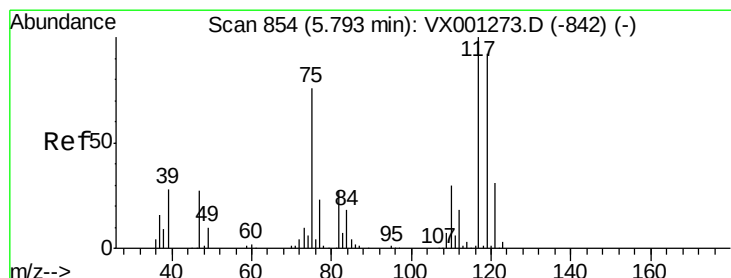
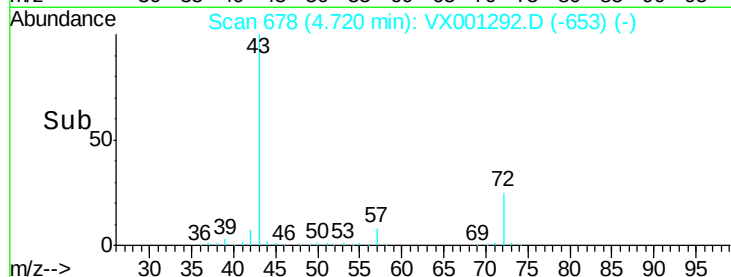
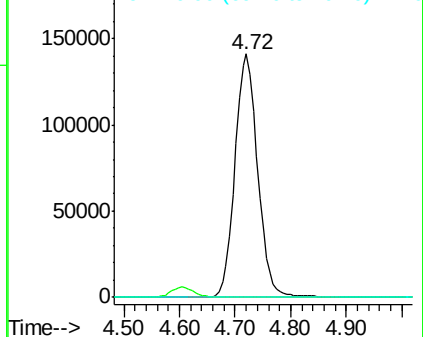
70 0.2 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.35 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

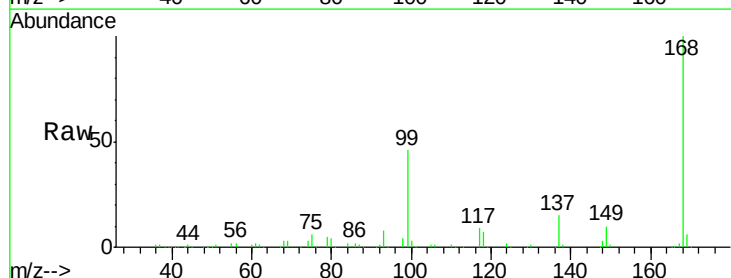
Tgt Ion: 117 Resp: 14241

Ion Ratio Lower Upper

117 100

119 4.0 73.4 110.2#

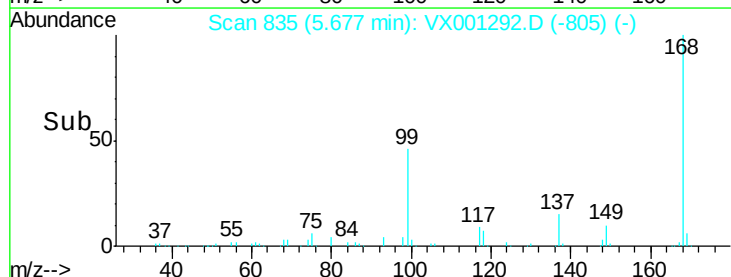
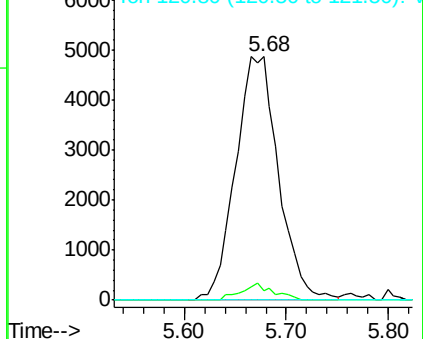
121 0.0 25.0 37.4#

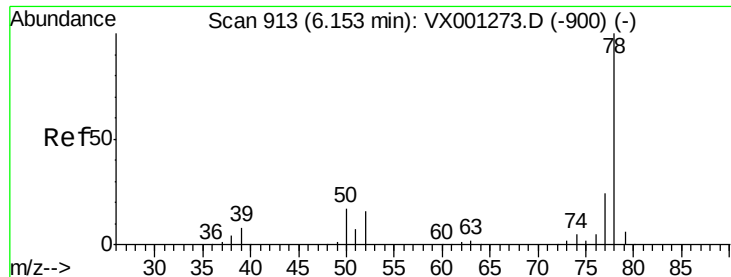


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.30 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

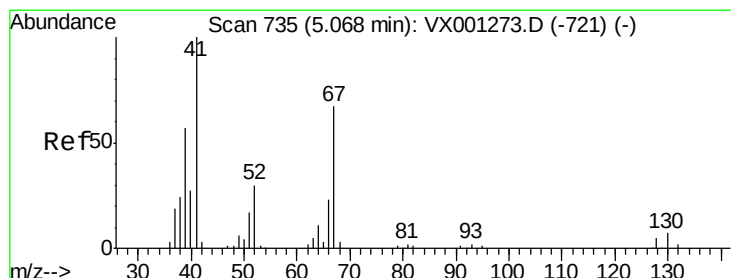
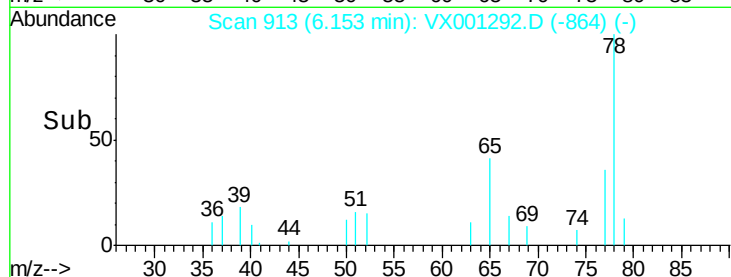
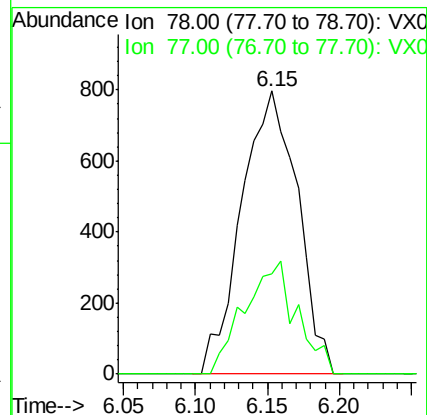
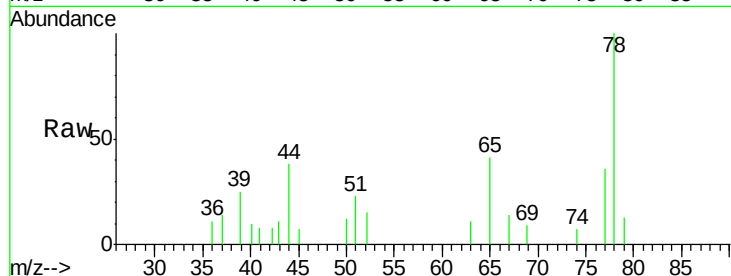
KY032MW006-180419

Tgt Ion: 78 Resp: 2161

Ion Ratio Lower Upper

78 100

77 35.5 19.0 28.4#



#41

Methacrylonitrile

Concen: 11.46 ug/l

RT: 5.20 min Scan# 757

Delta R.T. 0.13 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Tgt Ion: 41 Resp: 17116

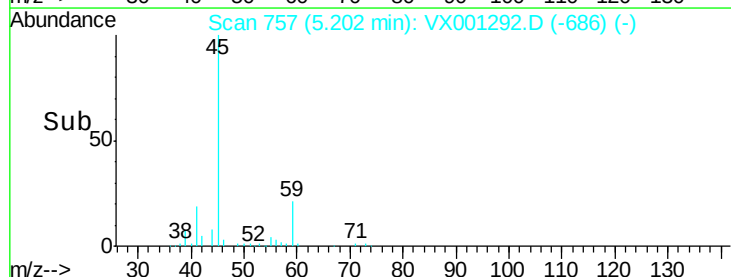
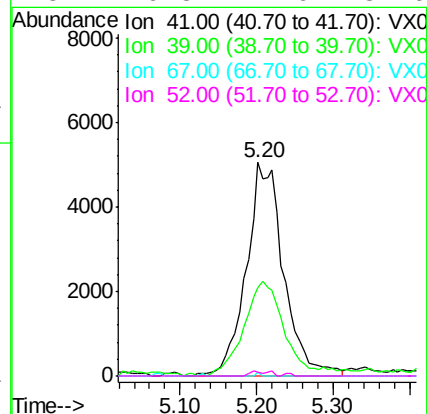
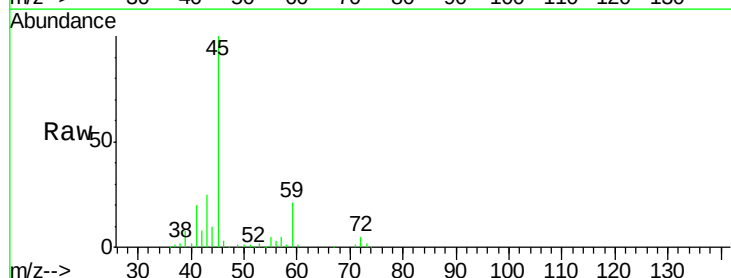
Ion Ratio Lower Upper

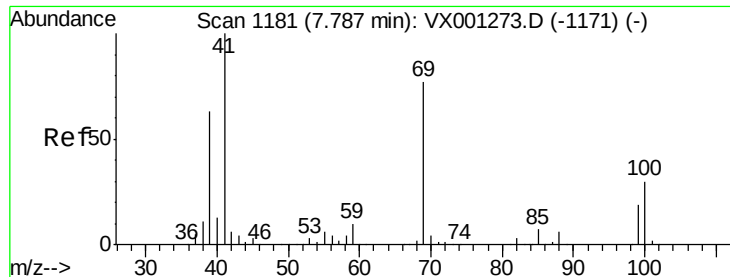
41 100

39 47.0 45.8 68.8

67 0.2 54.8 82.2#

52 0.8 24.6 37.0#

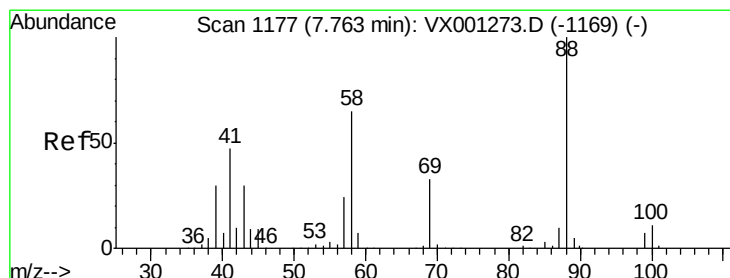
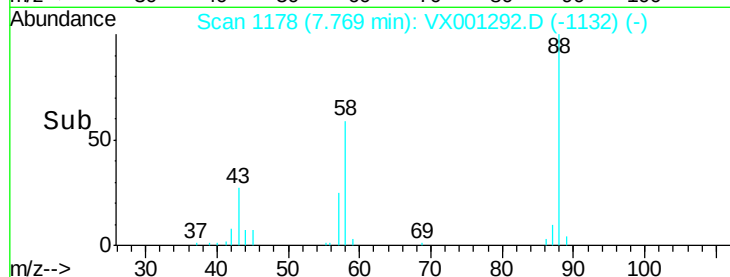
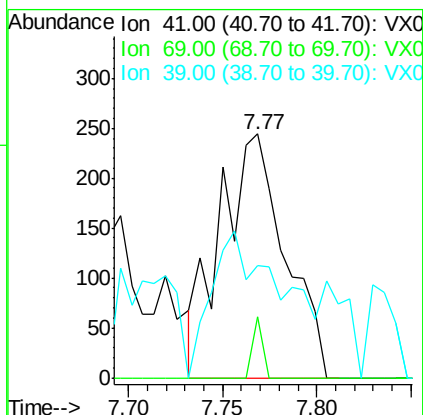
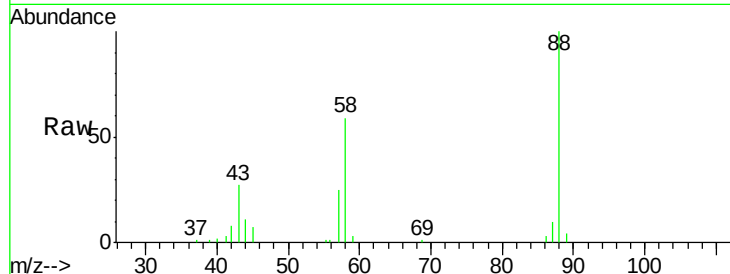




#48
Methyl methacrylate
Concen: 0.26 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.02 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

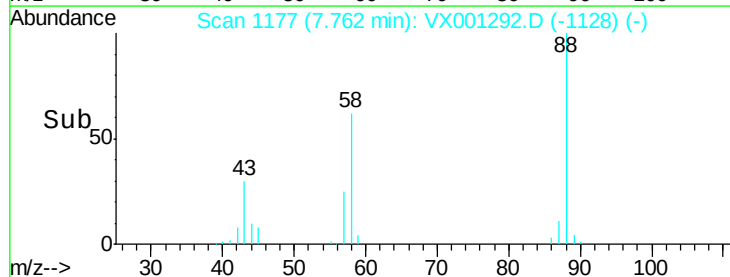
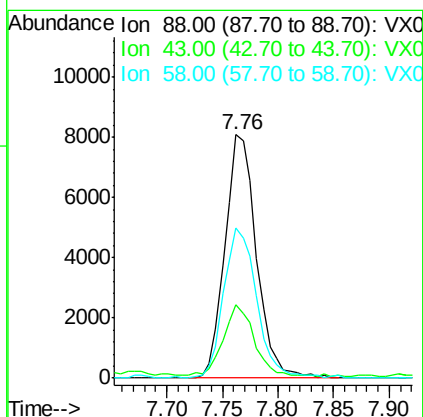
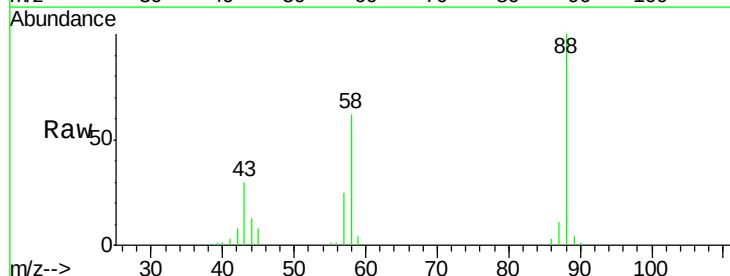
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

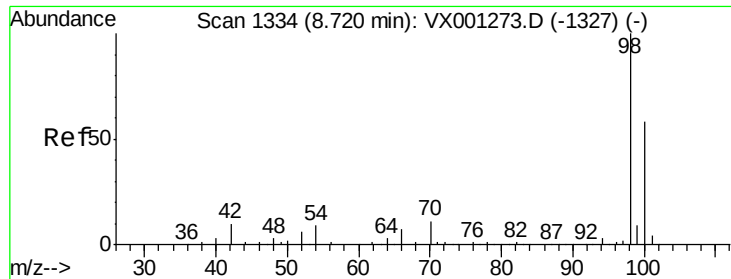
Tgt Ion: 41 Resp: 585
Ion Ratio Lower Upper
41 100
69 3.8 63.0 94.6#
39 65.8 50.2 75.4



#49
1,4-Dioxane
Concen: 379.50 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Tgt Ion: 88 Resp: 15811
Ion Ratio Lower Upper
88 100
43 28.6 27.9 41.9
58 65.0 54.2 81.2





#50

Toluene-d8

Concen: 56.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

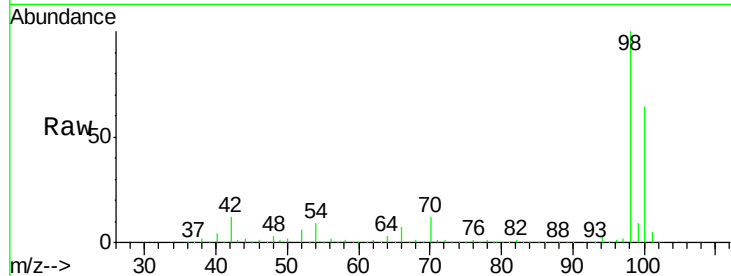
KY032MW006-180419

Tgt Ion: 98 Resp: 386028

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

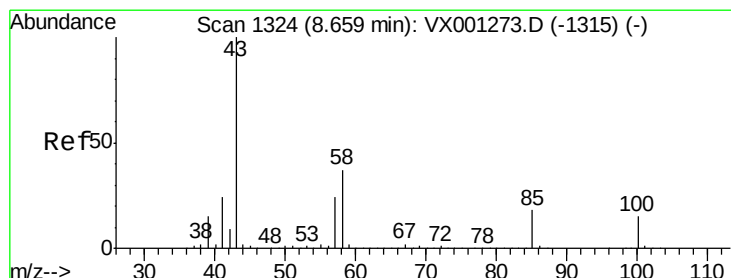
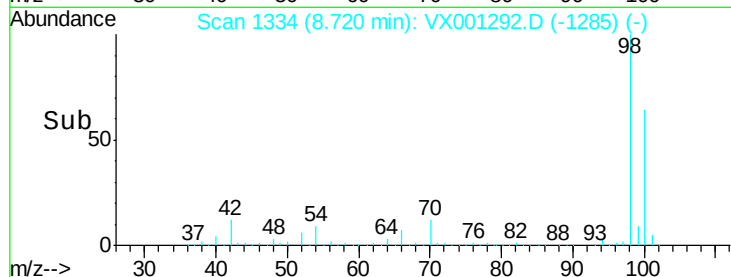
100000

50000

0

8.60 8.70 8.80 8.90 9.00

Time-->



#51

4-Methyl-2-Pentanone

Concen: 49.37 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001292.D

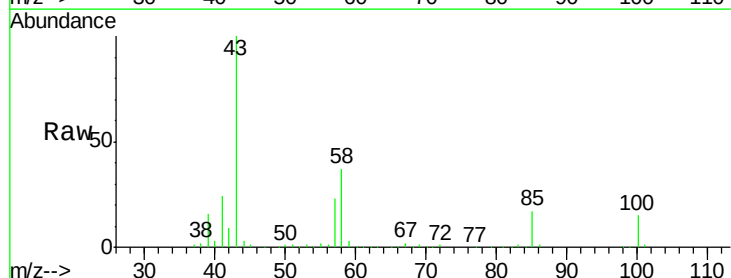
Acq: 01 May 2018 22:33

Tgt Ion: 43 Resp: 132185

Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

80000

60000

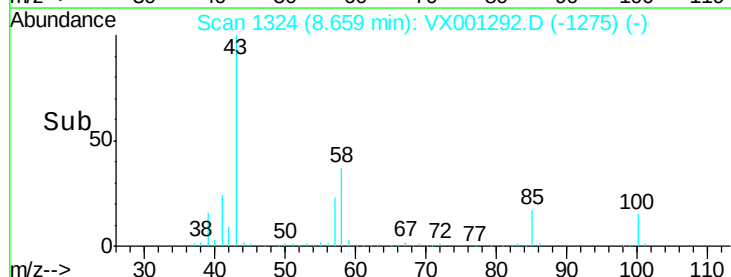
40000

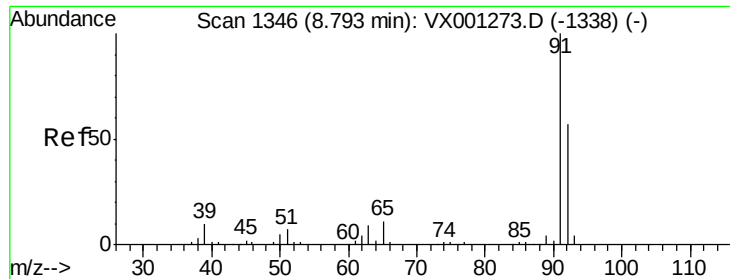
20000

0

8.60 8.70 8.80

Time-->





#52

Toluene

Concen: 114.97 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

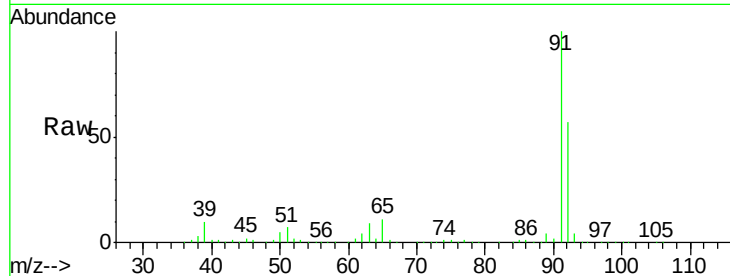
KY032MW006-180419

Tgt Ion: 92 Resp: 549246

Ion Ratio Lower Upper

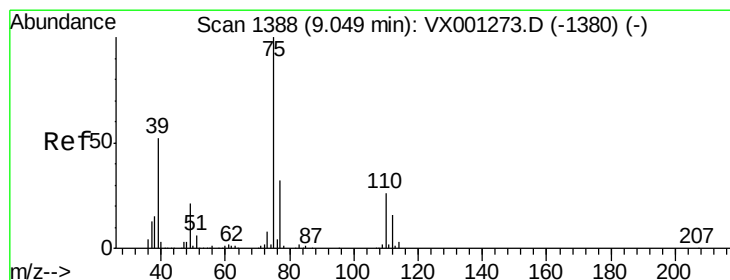
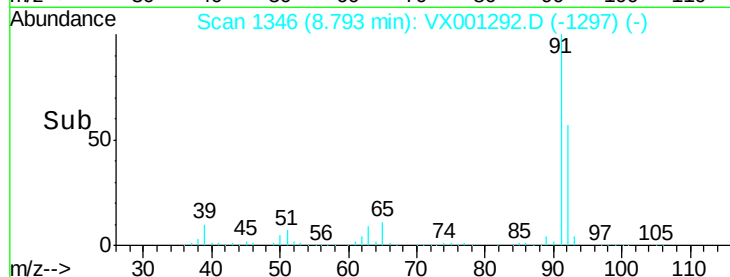
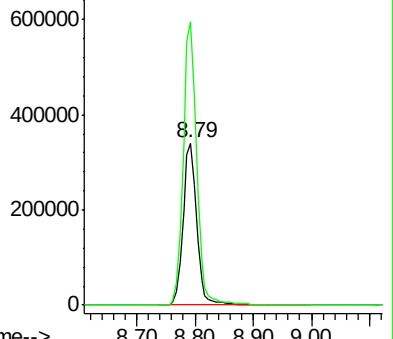
92 100

91 174.0 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.62 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.26 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

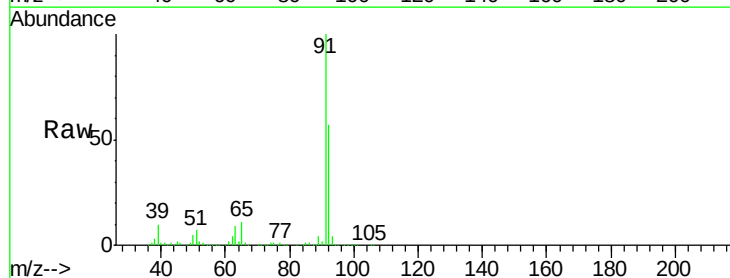
Tgt Ion: 75 Resp: 6741

Ion Ratio Lower Upper

75 100

77 173.9 25.5 38.3#

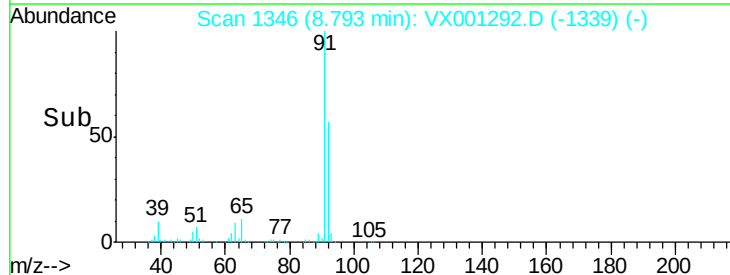
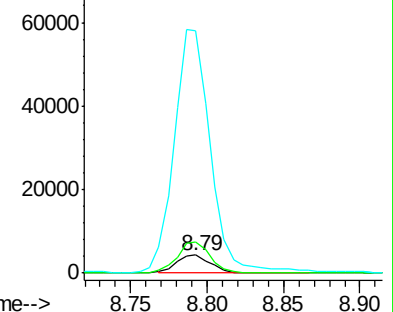
39 1344.7 41.9 62.9#

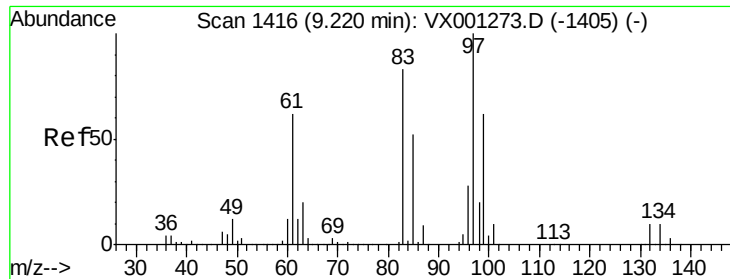


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

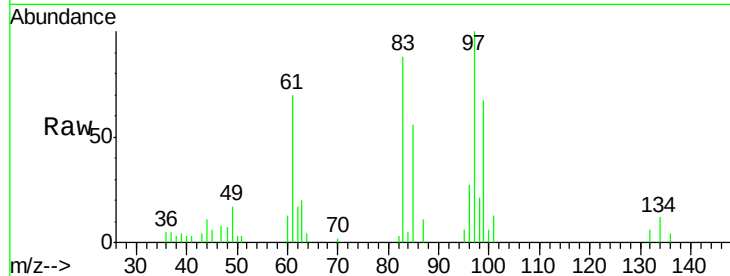




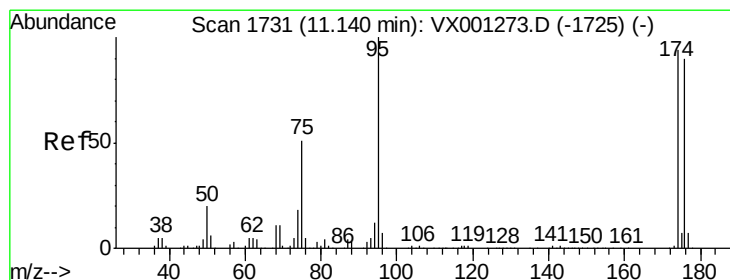
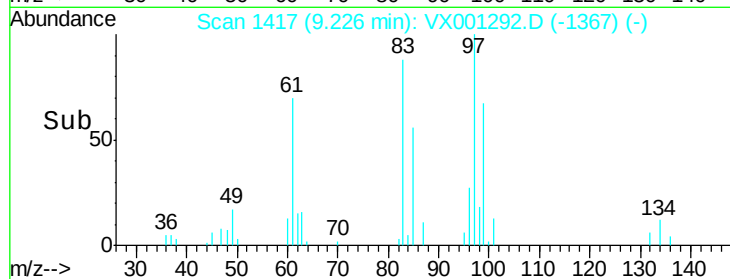
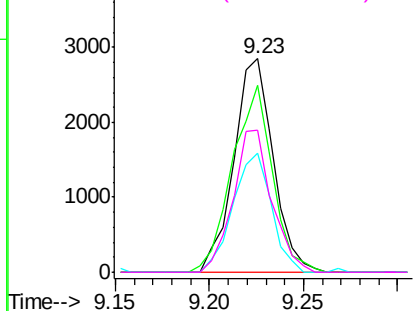
#55
 1,1,2-Trichloroethane
 Concen: 2.14 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001292.D
 Acq: 01 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

Tgt Ion:	97	Resp:	4128
Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.4	99.6
85	56.0	41.6	62.4
99	66.7	49.3	73.9

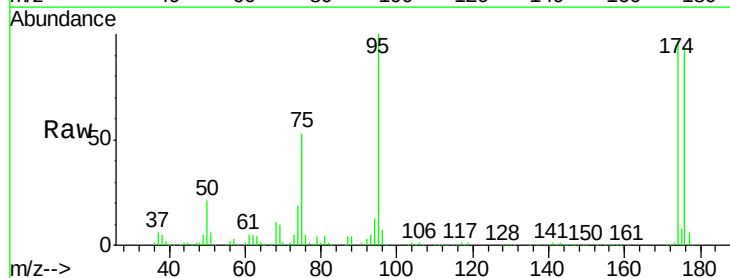


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

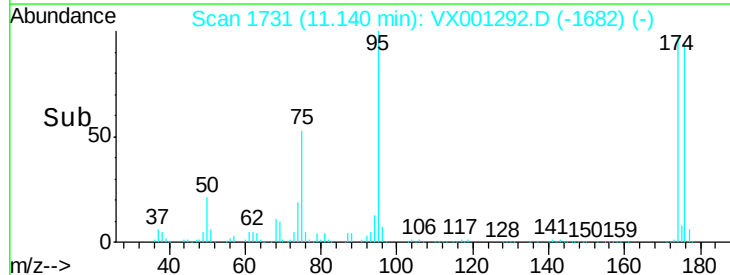
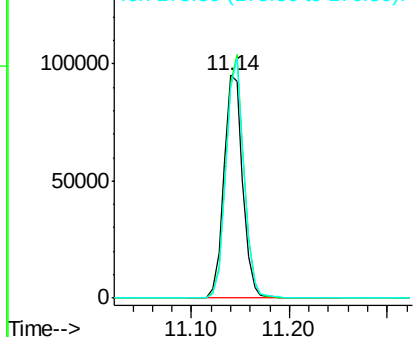


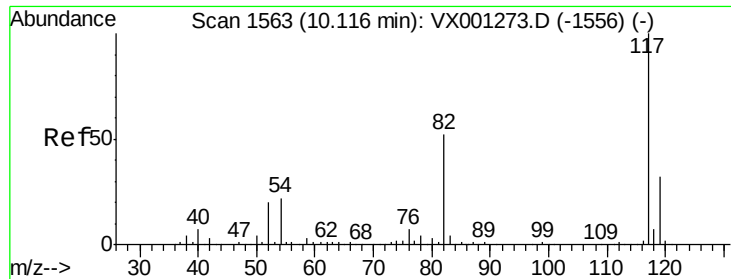
#62
 4-Bromofluorobenzene
 Concen: 46.65 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001292.D
 Acq: 01 May 2018 22:33

Tgt Ion:	95	Resp:	126405
Ion	Ratio	Lower	Upper
95	100		
174	104.8	0.0	201.8
176	102.0	0.0	197.2



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

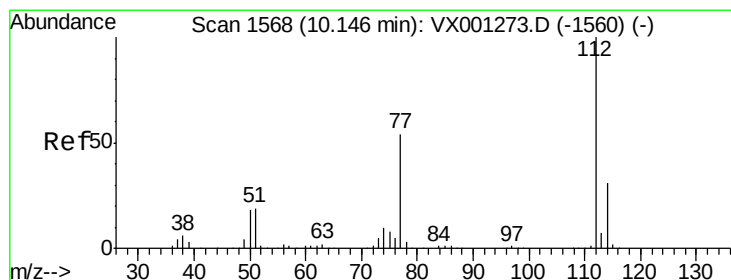
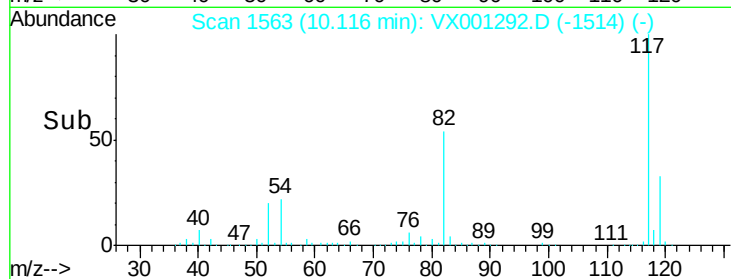
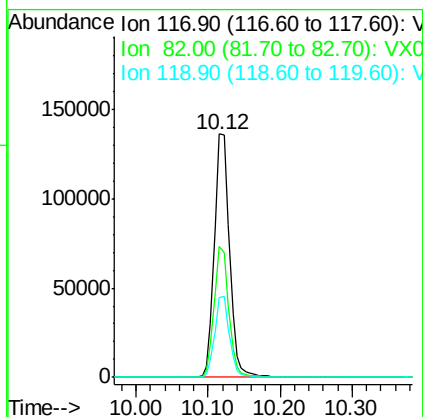
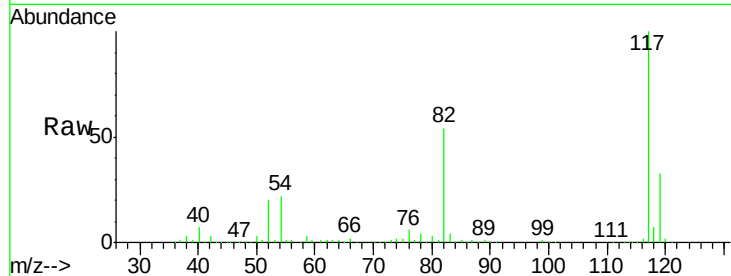




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

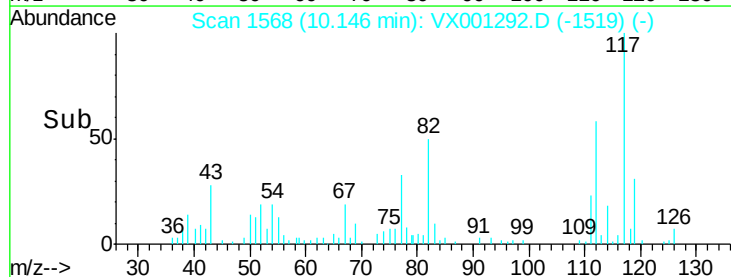
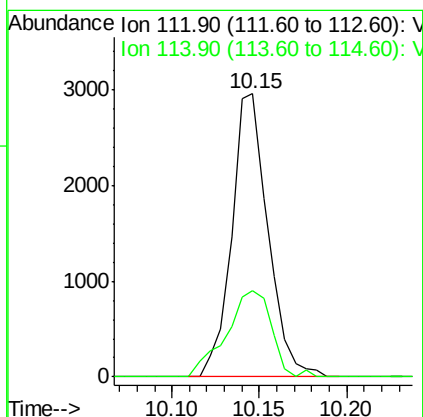
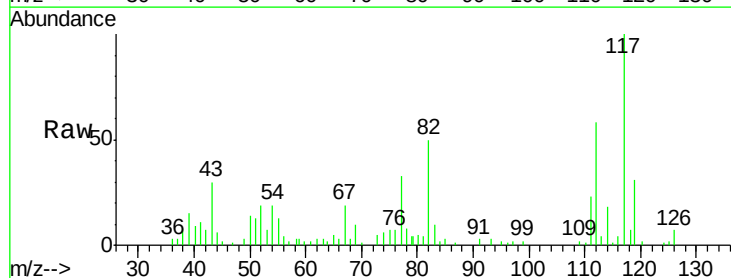
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

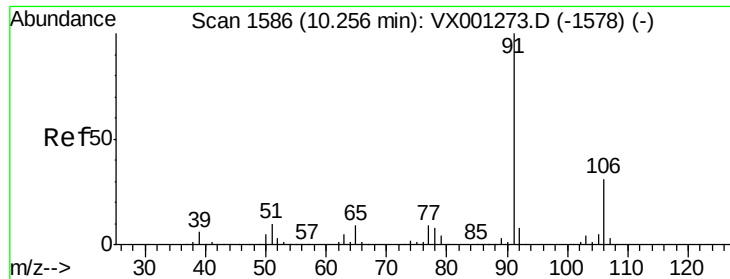
Tgt Ion:117 Resp: 199273
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.9 25.5 38.3



#65
Chlorobenzene
Concen: 0.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Tgt Ion:112 Resp: 4261
Ion Ratio Lower Upper
112 100
114 30.4 24.8 37.2

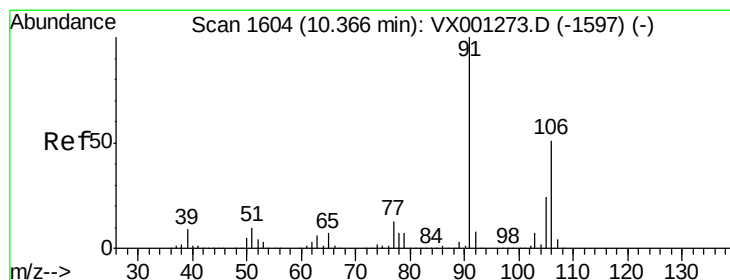
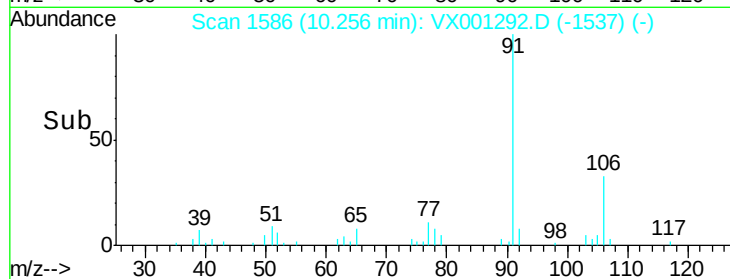
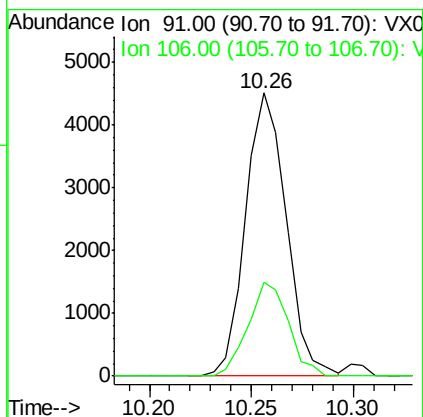
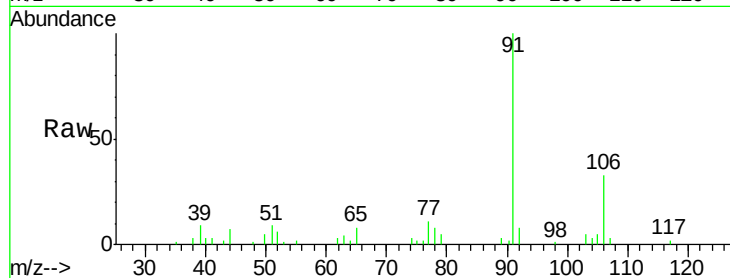




#67
Ethyl Benzene
Concen: 0.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

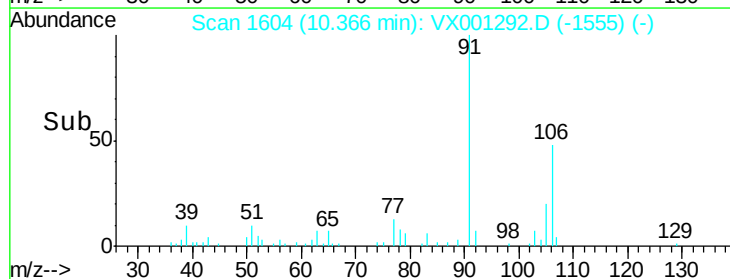
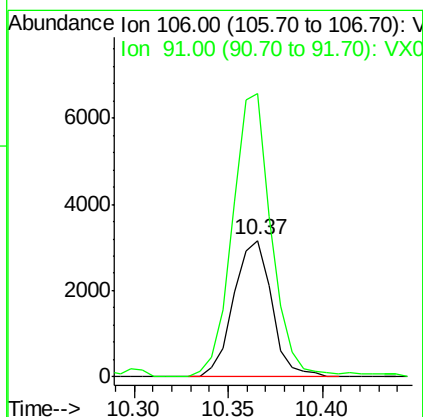
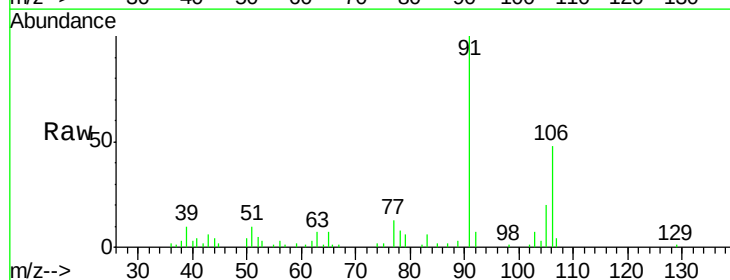
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

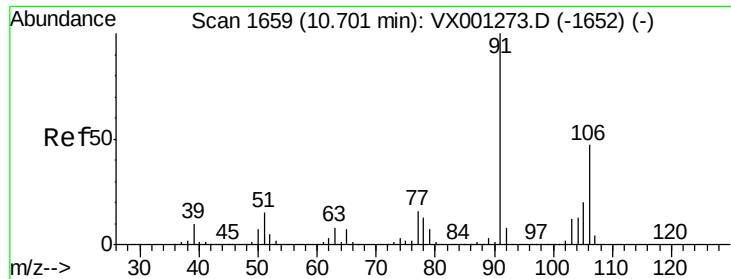
Tgt Ion: 91 Resp: 6267
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3



#68
m/p-Xylenes
Concen: 1.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Tgt Ion: 106 Resp: 4423
Ion Ratio Lower Upper
106 100
91 215.4 159.4 239.2

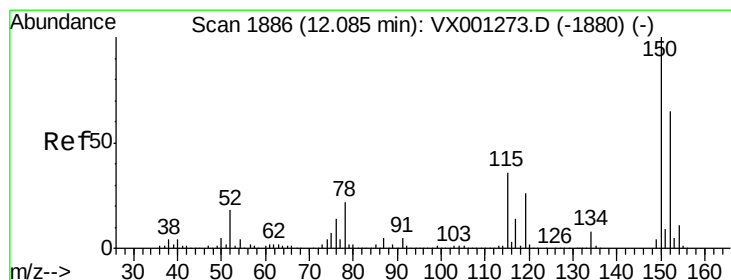
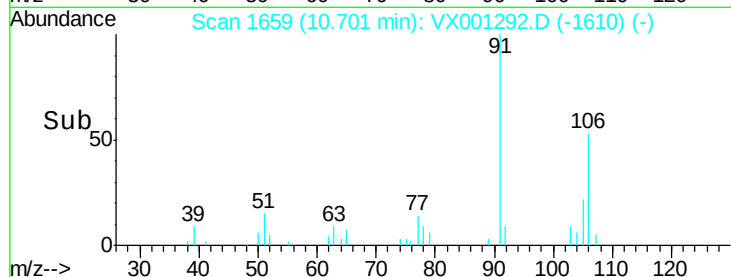
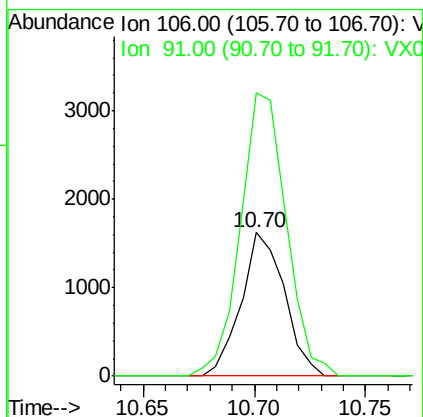
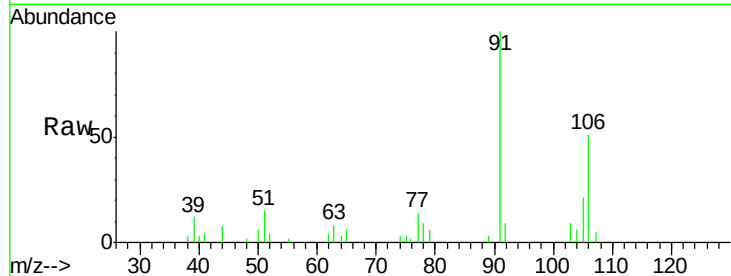




#69
o-Xylene
Concen: 0.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

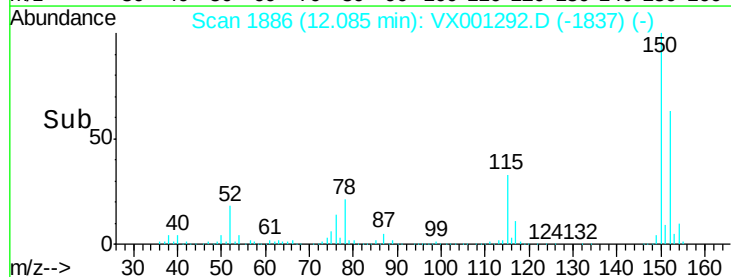
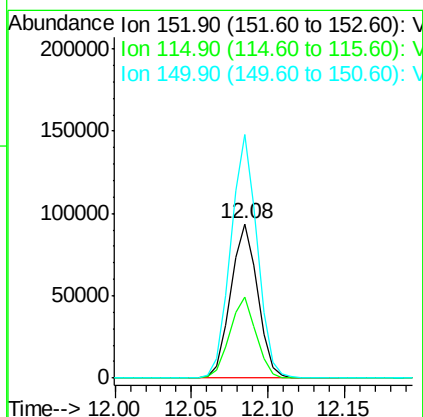
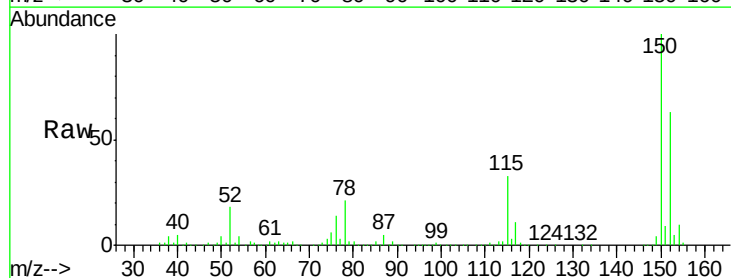
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

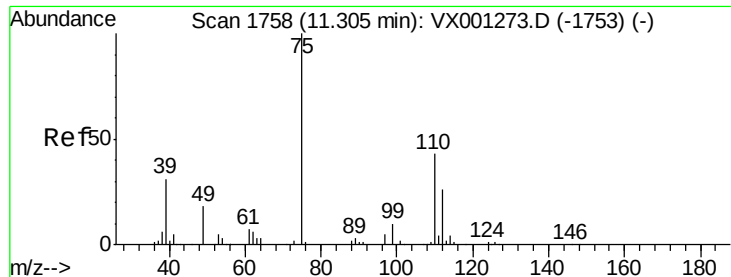
Tgt Ion:106 Resp: 2205
Ion Ratio Lower Upper
106 100
91 208.4 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Tgt Ion:152 Resp: 113718
Ion Ratio Lower Upper
152 100
115 51.2 38.6 115.7
150 155.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 31.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

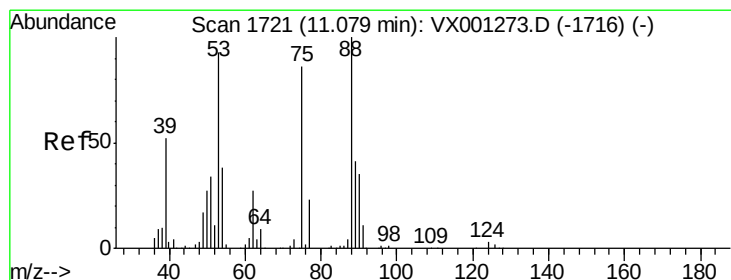
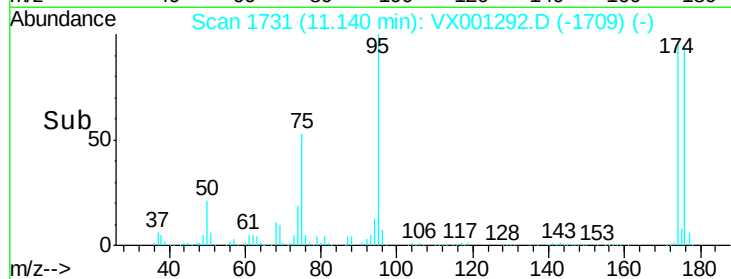
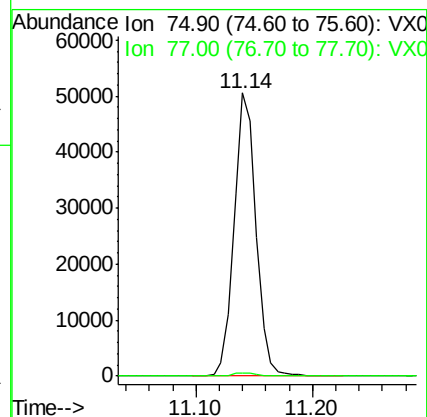
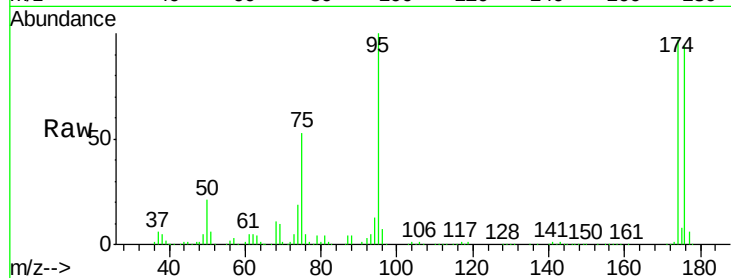
KY032MW006-180419

Tgt Ion: 75 Resp: 65971

Ion Ratio Lower Upper

75 100

77 1.3 18.9 56.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001292.D

Acq: 01 May 2018 22:33

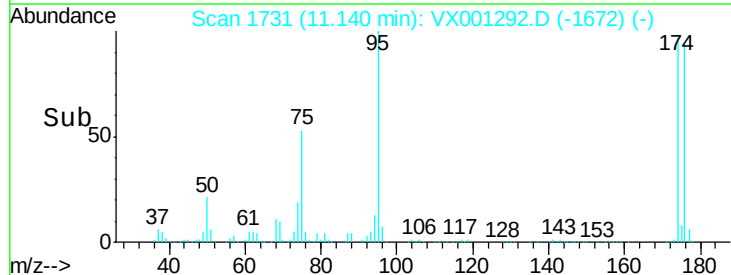
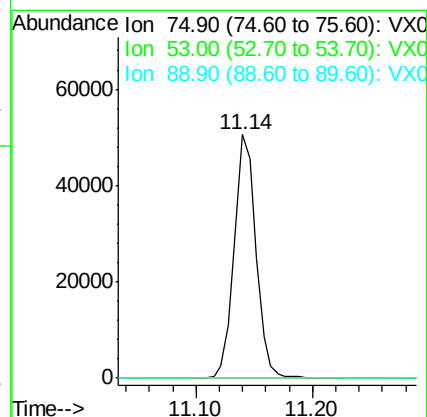
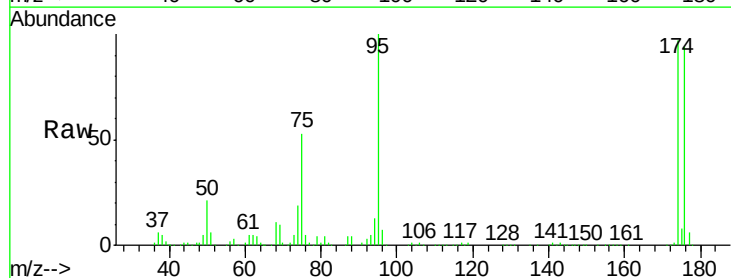
Tgt Ion: 75 Resp: 65971

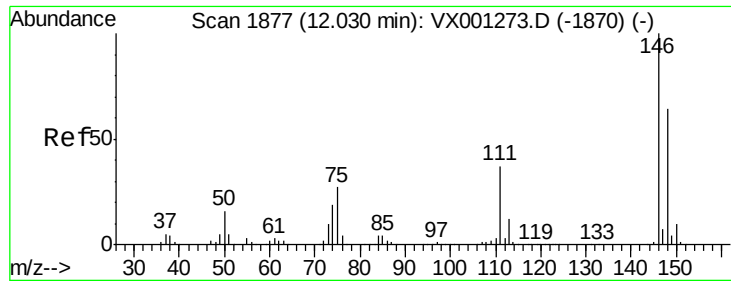
Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.3 38.9 58.3#

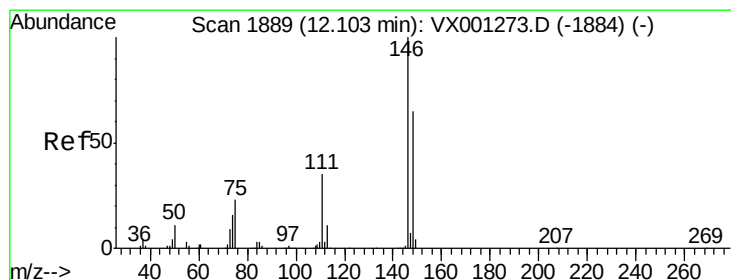
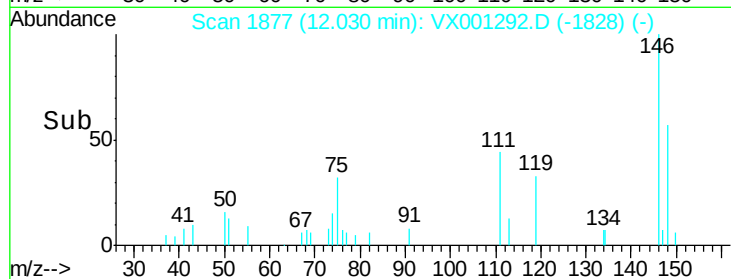
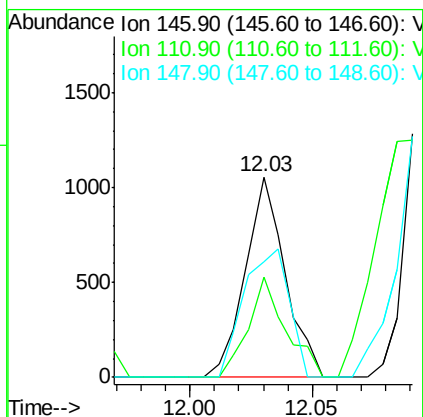
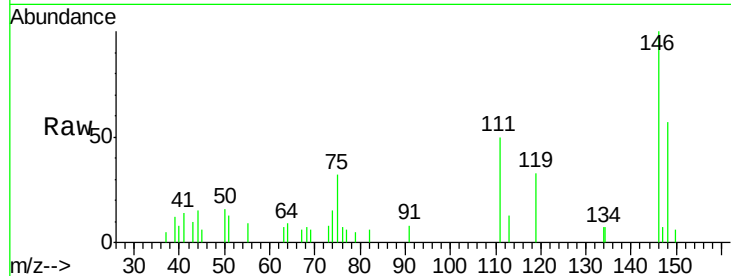




#87
 1,3-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001292.D
 Acq: 01 May 2018 22:33

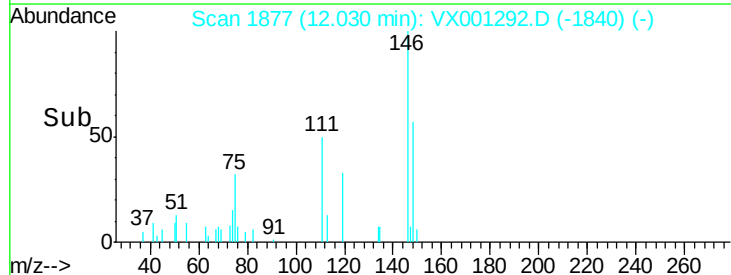
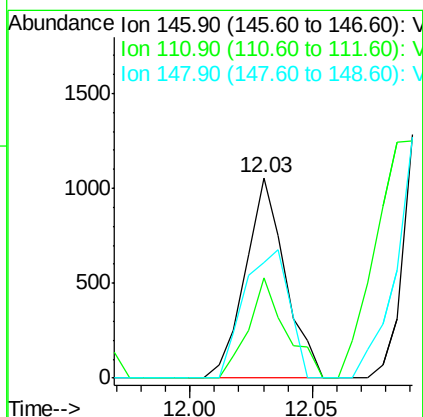
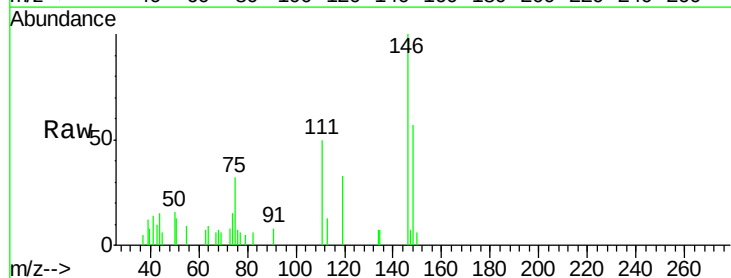
Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

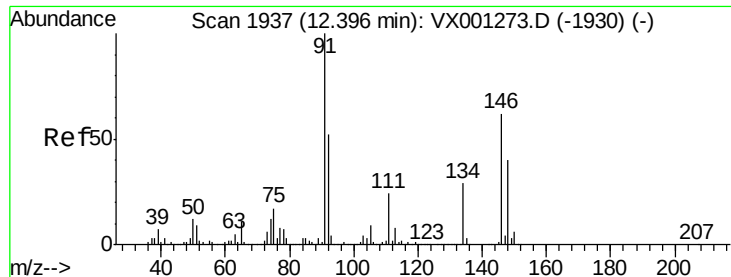
Tgt Ion:146 Resp: 1206
 Ion Ratio Lower Upper
 146 100
 111 46.8 18.4 55.2
 148 72.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX001292.D
 Acq: 01 May 2018 22:33

Tgt Ion:146 Resp: 1206
 Ion Ratio Lower Upper
 146 100
 111 46.8 17.9 53.7
 148 72.3 32.3 96.8

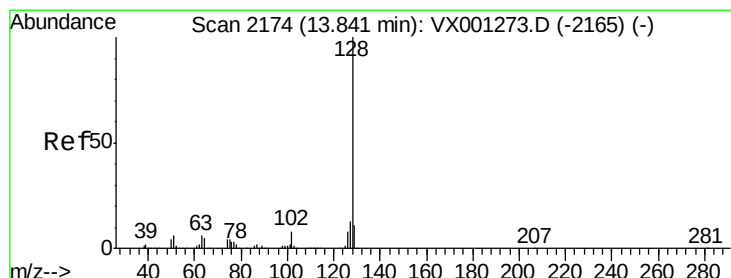
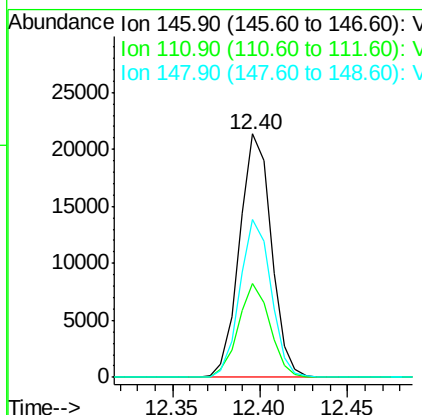
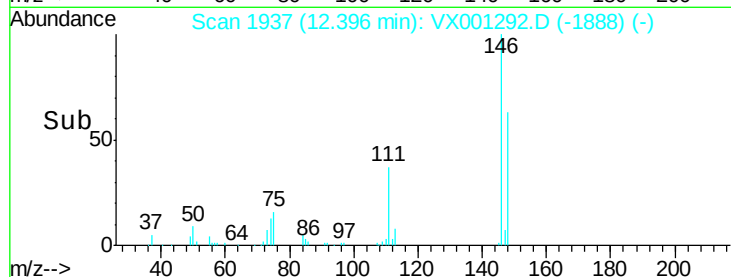
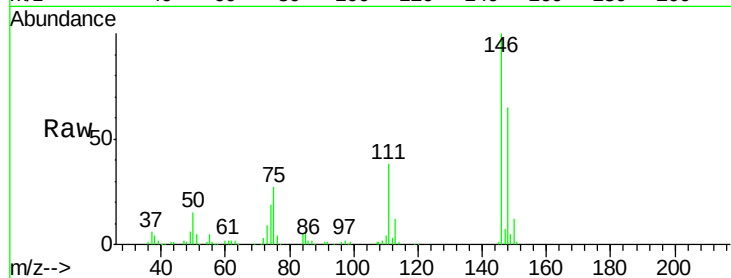




#91
1,2-Dichlorobenzene
Concen: 6.67 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

Tgt Ion:146 Resp: 27197
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.5
148 63.7 32.4 97.0



#95
Naphthalene
Concen: 0.81 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001292.D
Acq: 01 May 2018 22:33

Tgt Ion:128 Resp: 6710
Ion Ratio Lower Upper
128 100
127 14.9 10.5 15.7
129 10.4 8.7 13.1

