

Data File : VX001319.D

Acq On : 02 May 2018 16:13

Operator : JC/MD

Sample : J2507-04 50X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

Quant Time: May 03 05:03:08 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	155954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	208997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	115310	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	5.51	113	96081	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	8.72	98	356454	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
62) 4-Bromofluorobenzene	11.14	95	116309	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	210146	117.87	ug/l	100
5) Bromomethane	1.65	94	722	Below	Cal	# 69
9) 1,1,2-Trichlorotrifluoroet	2.39	101	531	0.31	ug/l	# 90
10) Methyl Iodide	2.52	142	1337	4.98	ug/l	97
11) Tert butyl alcohol	3.09	59	401	1.08	ug/l	# 86
12) 1,1-Dichloroethene	2.38	96	481	0.31	ug/l	# 70
13) Acrolein	2.29	56	56	0.26	ug/l	# 1
15) Acrylonitrile	3.15	53	301	0.35	ug/l	93
16) Acetone	2.45	43	34430	37.36	ug/l	100
20) Methylene Chloride	2.86	84	1002	Below	Cal	# 76
21) trans-1,2-Dichloroethene	3.17	96	481	0.28	ug/l	# 66
24) 1,1-Dichloroethane	3.70	63	122648	41.77	ug/l	98
25) 2-Butanone	4.72	43	397239	318.82	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	11350	6.07	ug/l	96
29) Tetrahydrofuran	5.19	42	3256	4.25	ug/l	# 62
36) 1,1-Dichloropropene	5.67	75	9969	4.13	ug/l	# 49
37) Ethyl Acetate	4.72	43	397239	163.10	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	13245	5.24	ug/l	# 19
40) Benzene	6.15	78	2133	0.31	ug/l	98
41) Methacrylonitrile	5.21	41	16456	11.60	ug/l	# 47
48) Methyl methacrylate	7.77	41	700	0.33	ug/l	# 23
49) 1,4-Dioxane	7.77	88	15738	397.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	129520	50.95	ug/l	99
52) Toluene	8.79	92	528857	116.60	ug/l	99
54) cis-1,3-Dichloropropene	8.79	75	6094	2.49	ug/l	# 1
55) 1,1,2-Trichloroethane	9.22	97	4117	2.25	ug/l	95
56) Ethyl methacrylate	9.12	69	3623	1.43	ug/l	# 41
59) 2-Hexanone	9.51	43	459	0.23	ug/l	97
65) Chlorobenzene	10.15	112	4058	0.80	ug/l	96
67) Ethyl Benzene	10.26	91	6033	0.72	ug/l	90
68) m/p-Xylenes	10.36	106	4155	1.26	ug/l	94
69) o-Xylene	10.71	106	2030	0.64	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	59067	30.93	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	11.14	75	59067	96.27	ug/l	# 6

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

Data File : VX001319.D
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Instrument :
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ClientSampleId :
KY032MW006-180419

Quant Time: May 03 05:03:08 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

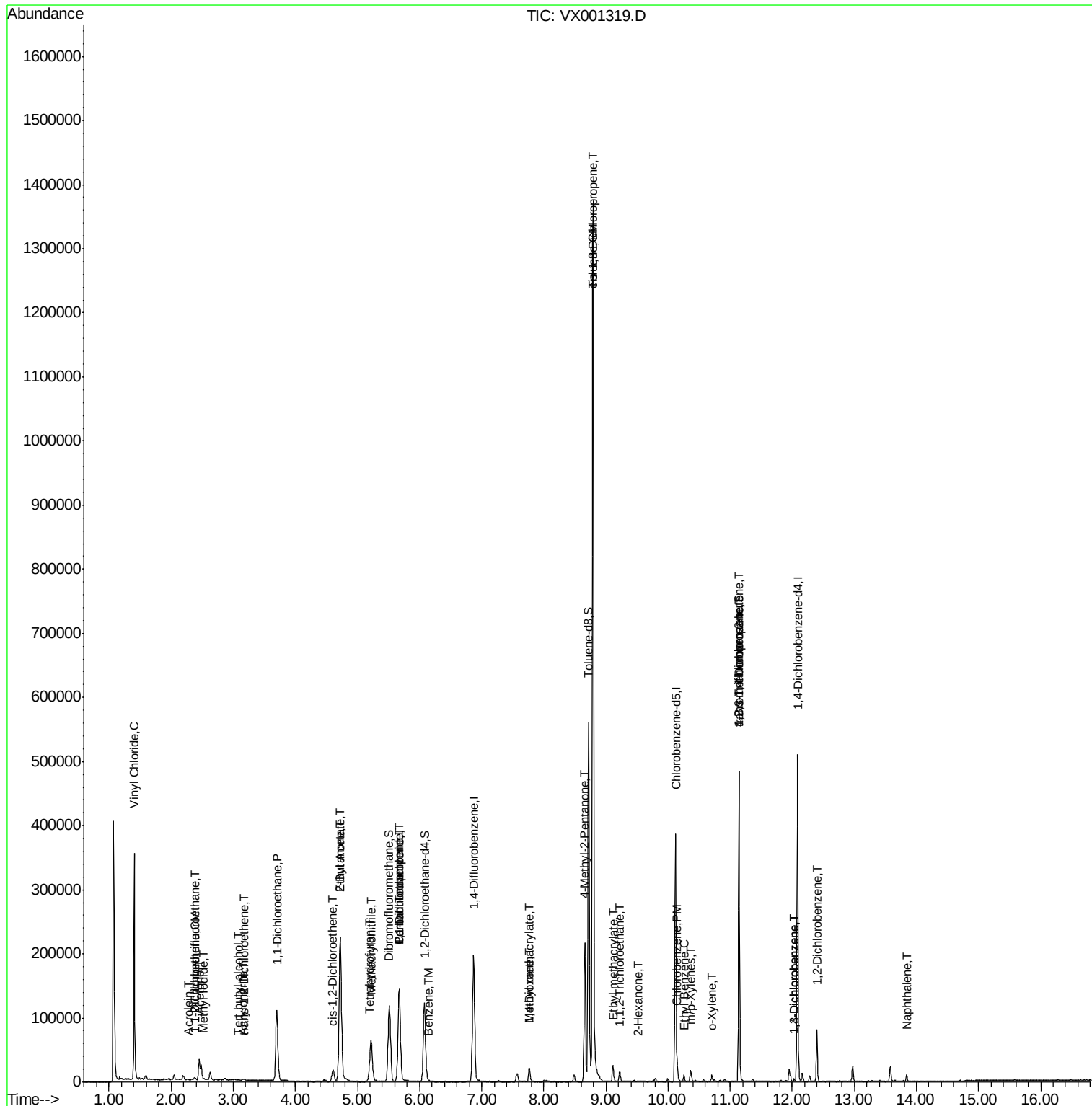
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.03	146	1072	0.29	ug/l	81
88) 1,4-Dichlorobenzene	12.03	146	1072	0.28	ug/l	80
91) 1,2-Dichlorobenzene	12.40	146	26982	7.29	ug/l	98
95) Naphthalene	13.84	128	6579	0.87	ug/l	99

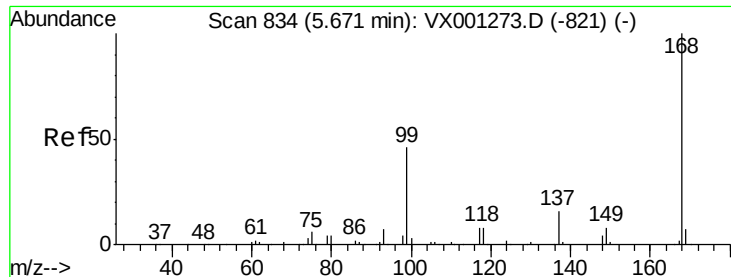
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

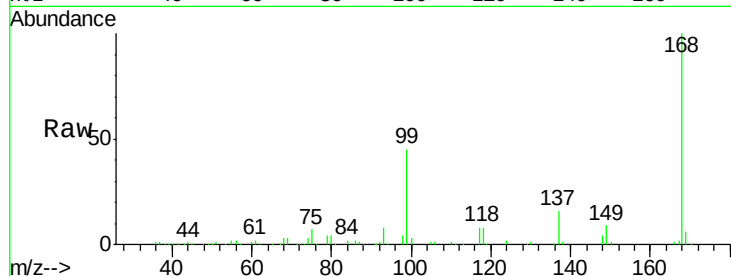
KY032MW006-180419

Tgt Ion:168 Resp: 155954

Ion Ratio Lower Upper

168 100

99 45.4 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

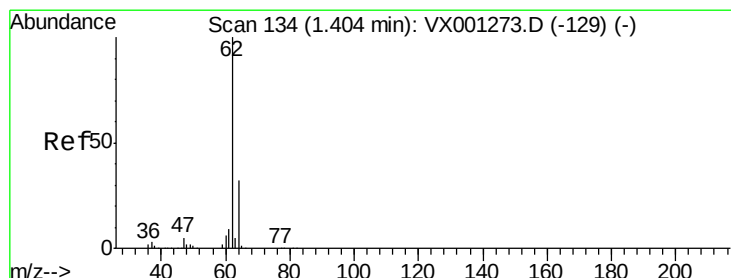
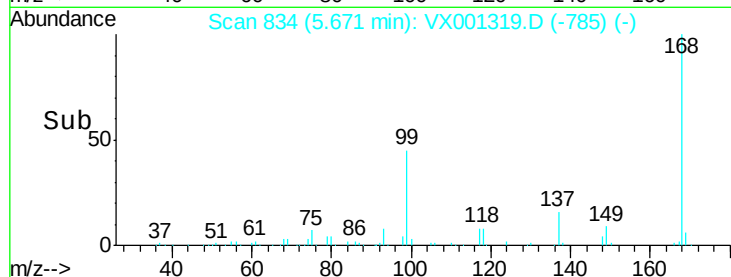
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 117.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001319.D

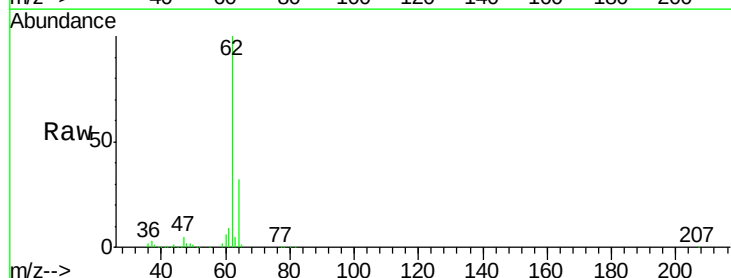
Acq: 02 May 2018 16:13

Tgt Ion: 62 Resp: 210146

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

250000

200000

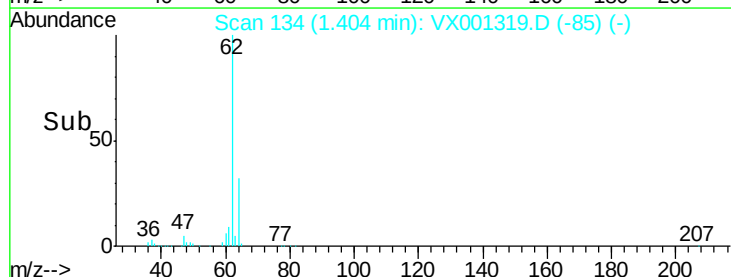
150000

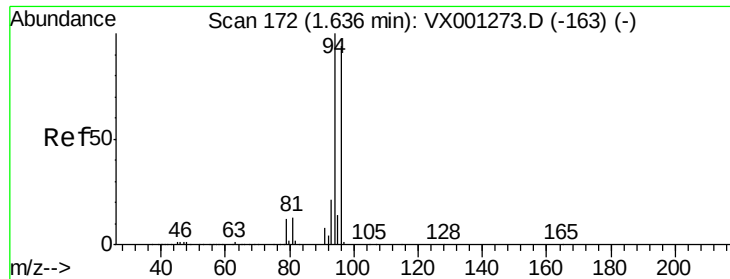
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

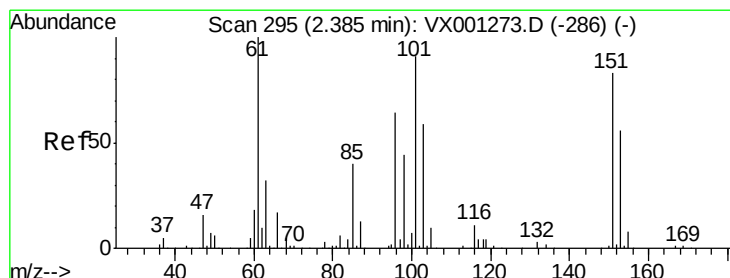
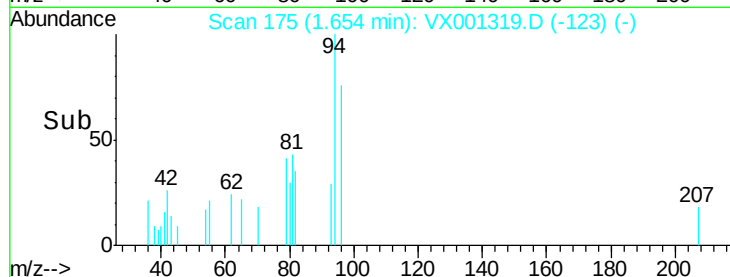
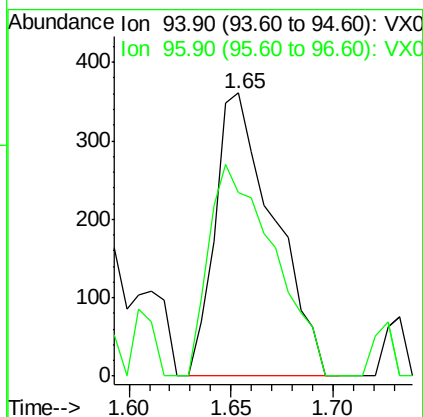
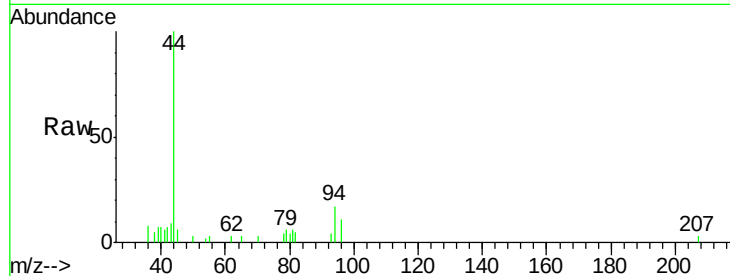
KY032MW006-180419

Tgt Ion: 94 Resp: 722

Ion Ratio Lower Upper

94 100

96 64.8 75.6 113.4#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.31 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

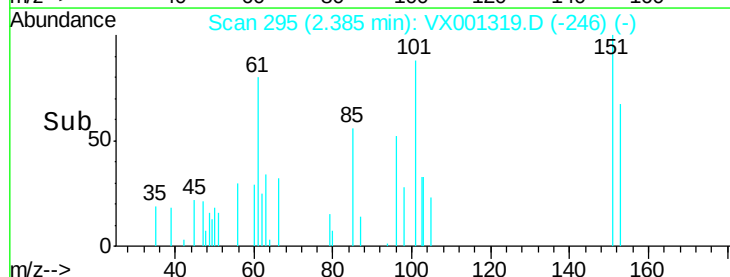
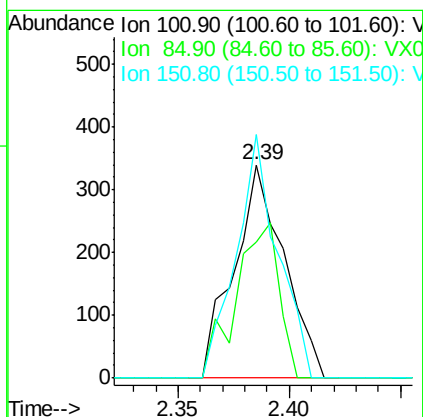
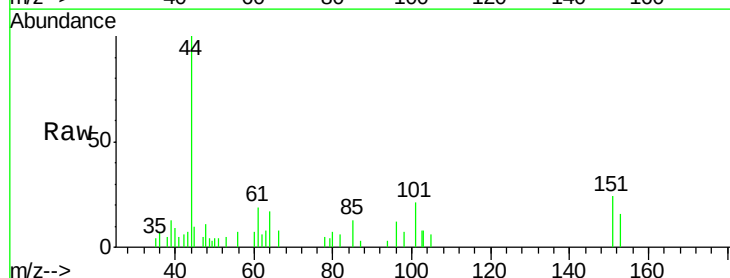
Tgt Ion:101 Resp: 531

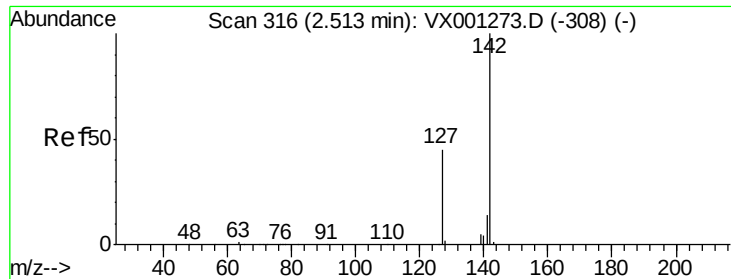
Ion Ratio Lower Upper

101 100

85 62.9 35.6 53.4#

151 94.9 74.8 112.2

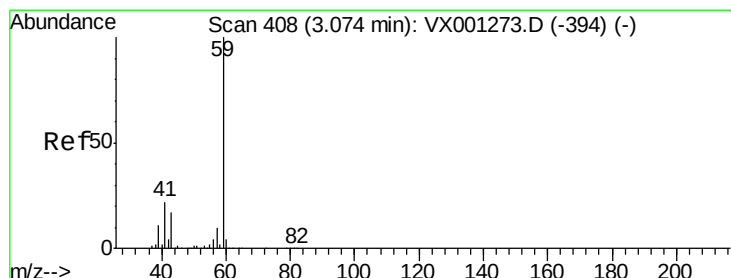
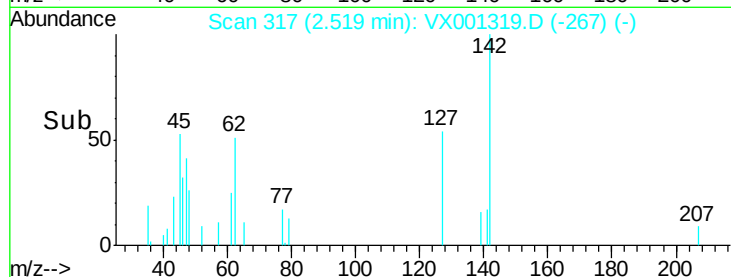
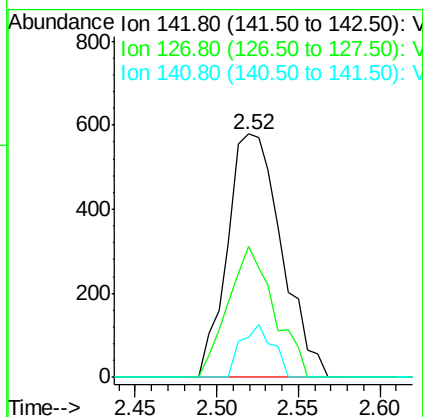
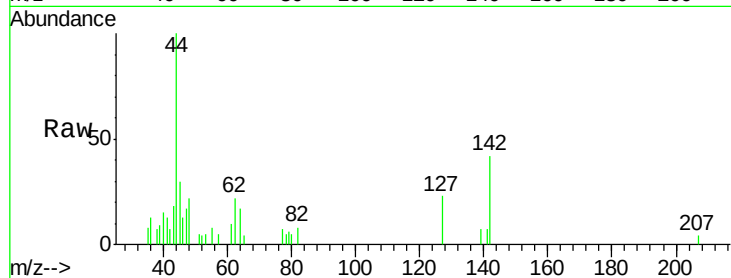




#10
Methyl Iodide
Concen: 4.98 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

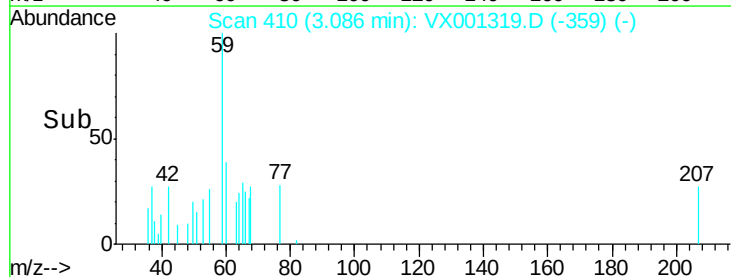
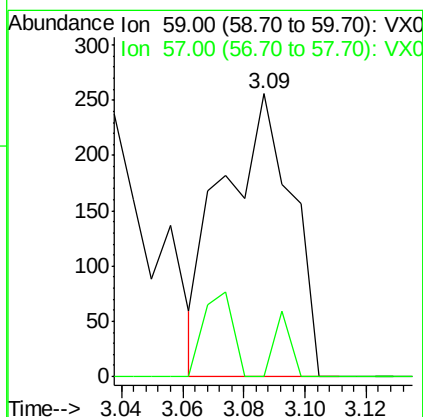
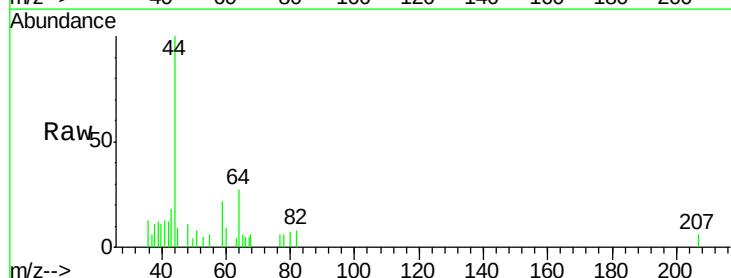
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

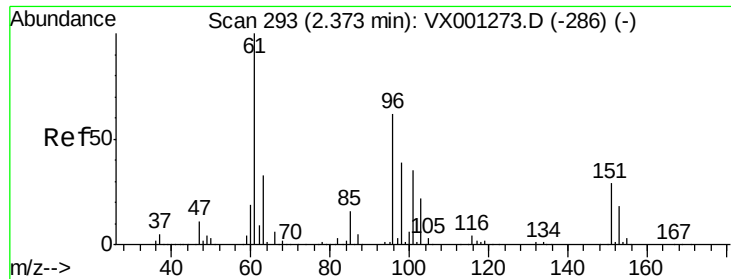
Tgt Ion: 142 Resp: 1337
Ion Ratio Lower Upper
142 100
127 46.0 35.7 53.5
141 12.7 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.08 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 5.5 8.6 12.8#





#12

1,1-Dichloroethene

Concen: 0.31 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

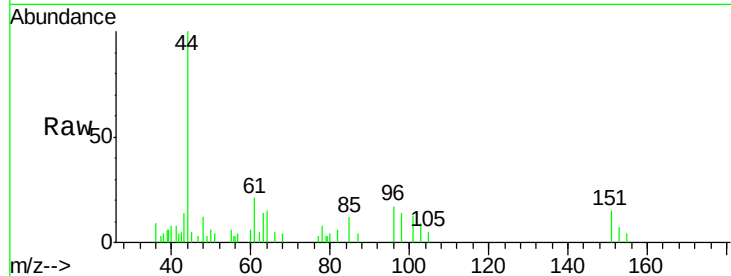
Tgt Ion: 96 Resp: 481

Ion Ratio Lower Upper

96 100

61 118.3 130.1 195.1#

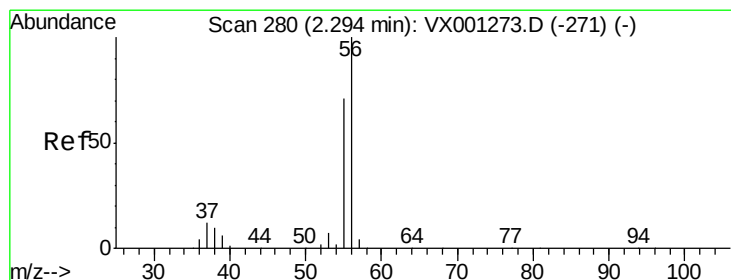
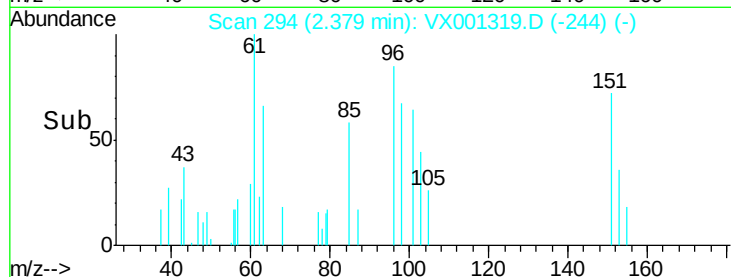
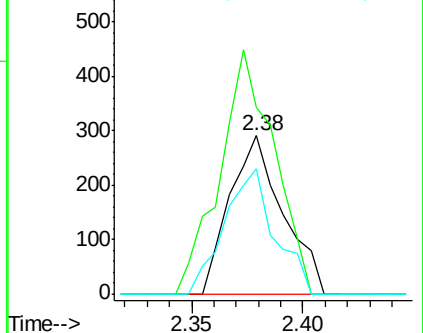
98 79.3 50.3 75.5#



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



#13

Acrolein

Concen: 0.26 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001319.D

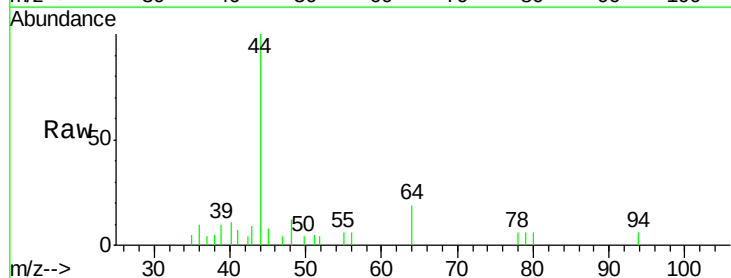
Acq: 02 May 2018 16:13

Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

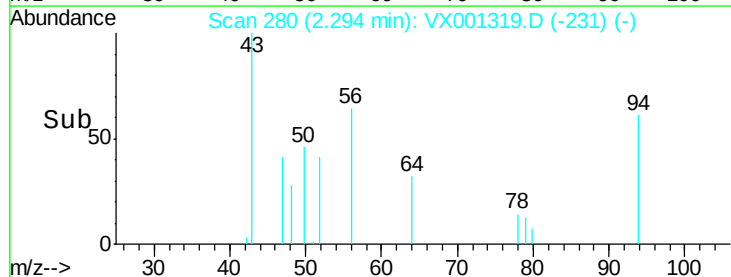
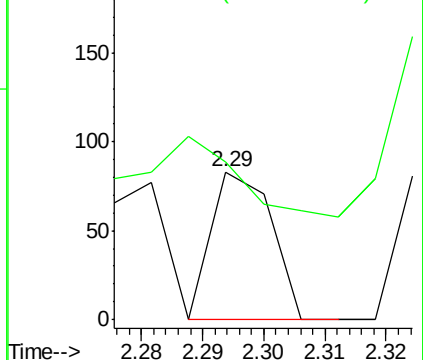
56 100

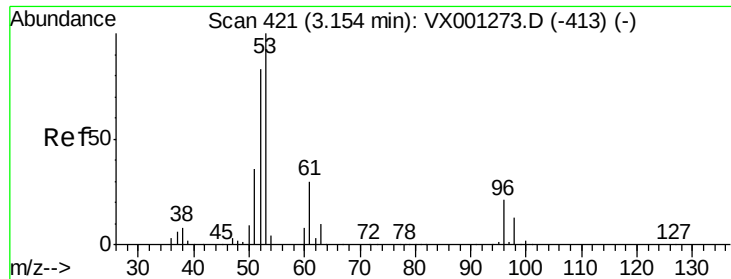
55 351.8 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001319.D

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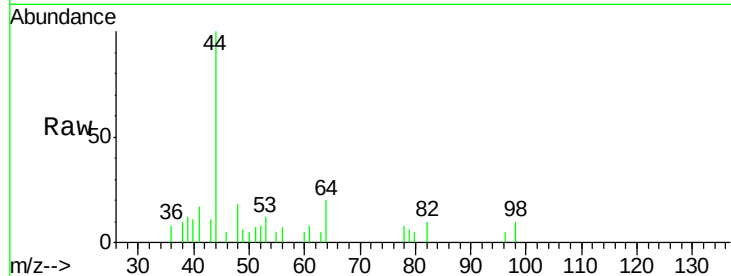
Tgt Ion: 53 Resp: 301

Ion Ratio Lower Upper

53 100

52 90.0 67.0 100.4

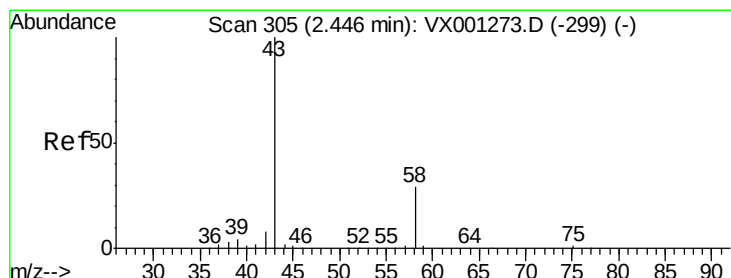
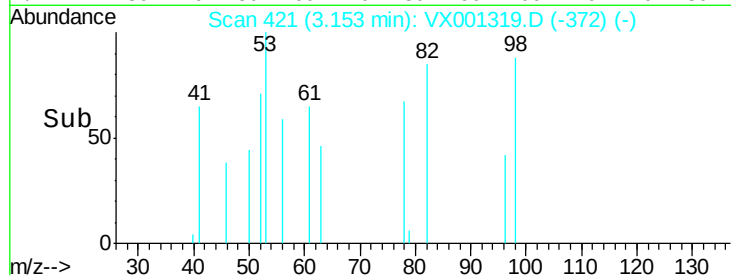
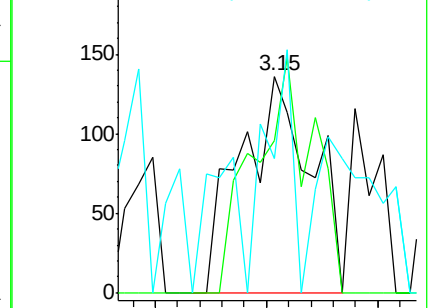
51 41.5 29.9 44.9



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: 37.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001319.D

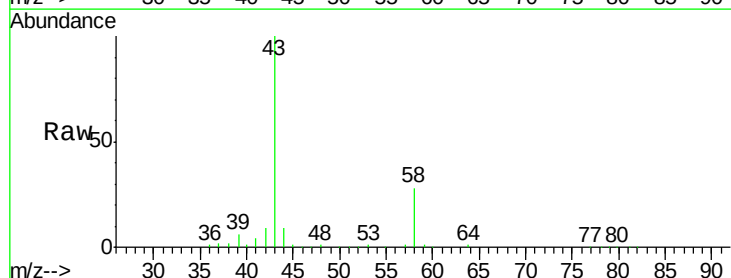
Acq: 02 May 2018 16:13

Tgt Ion: 43 Resp: 34430

Ion Ratio Lower Upper

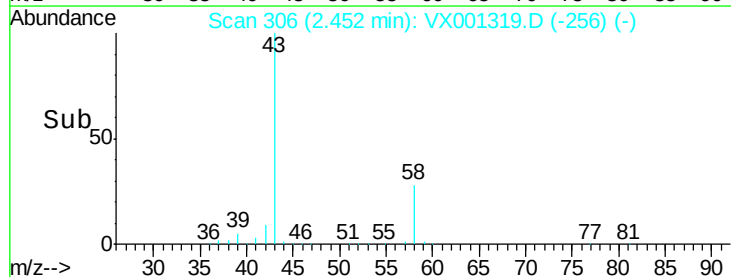
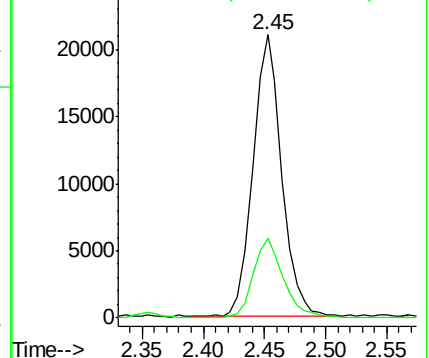
43 100

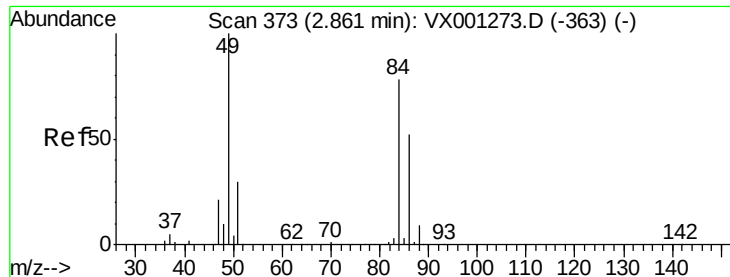
58 28.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

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ClientSampleId :

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Tgt Ion: 84 Resp: 1002

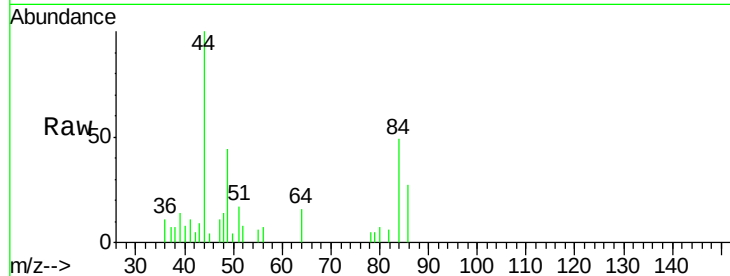
Ion Ratio Lower Upper

84 100

49 89.2 102.8 154.2#

51 34.1 30.9 46.3

86 53.8 53.0 79.4

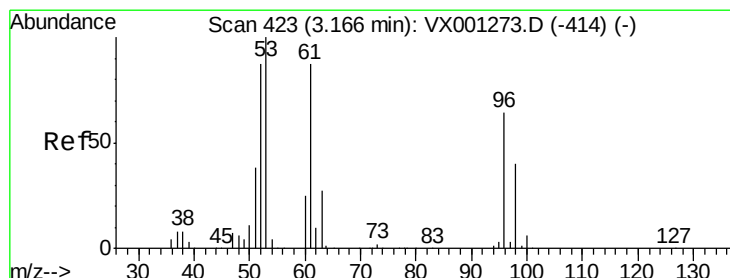
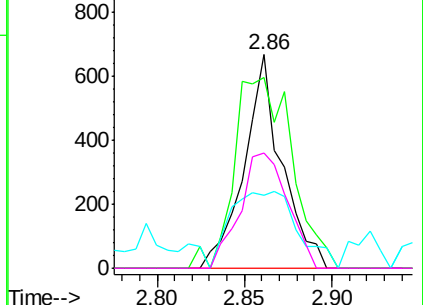
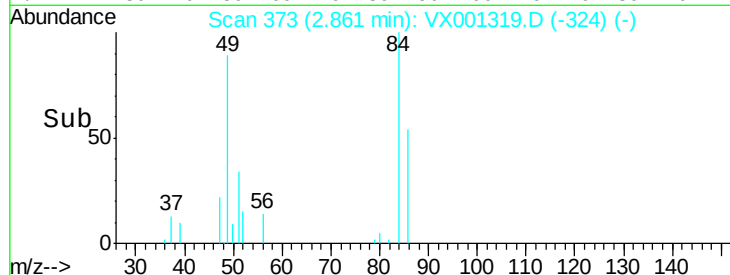


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.28 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

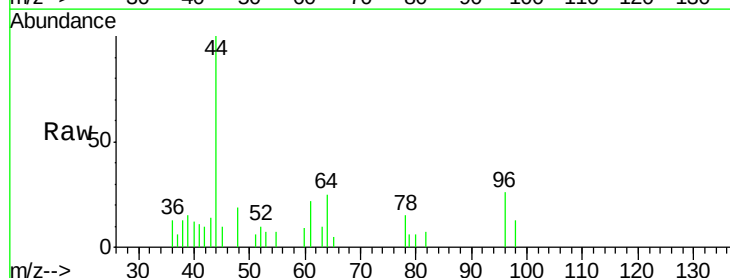
Tgt Ion: 96 Resp: 481

Ion Ratio Lower Upper

96 100

61 84.8 108.6 162.8#

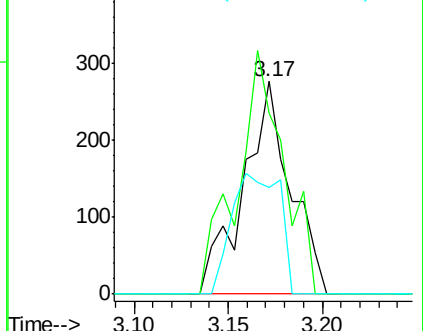
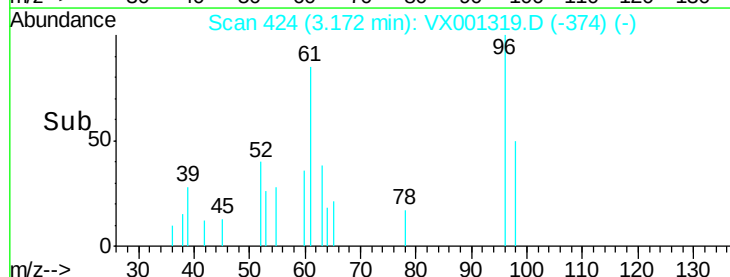
98 49.8 49.7 74.5

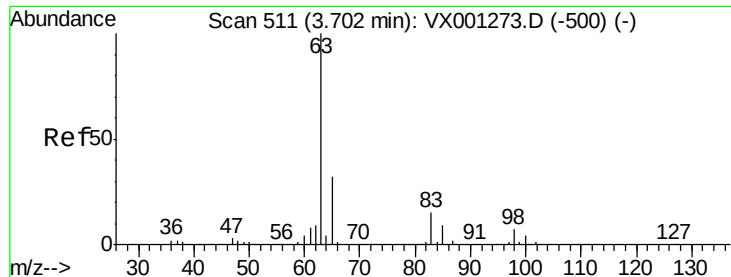


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 41.77 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

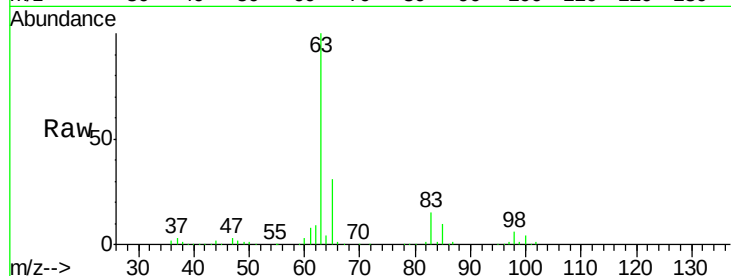
Tgt Ion: 63 Resp: 122648

Ion Ratio Lower Upper

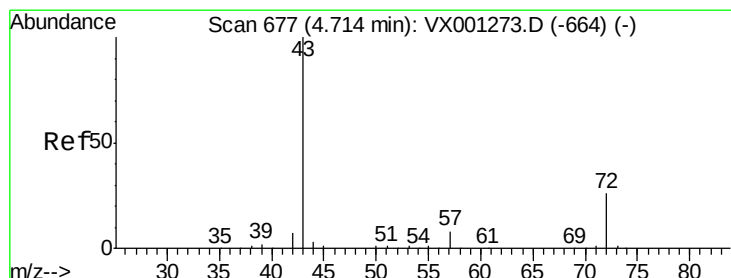
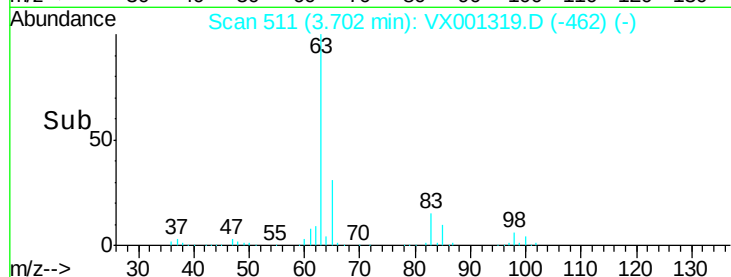
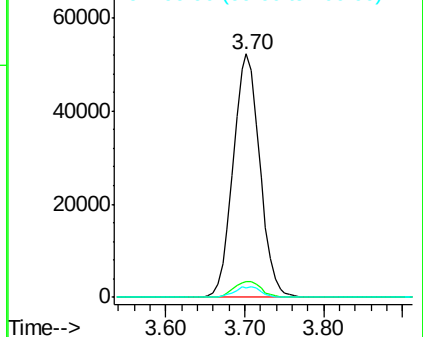
63 100

98 6.5 3.5 10.5

100 3.8 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: 318.82 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001319.D

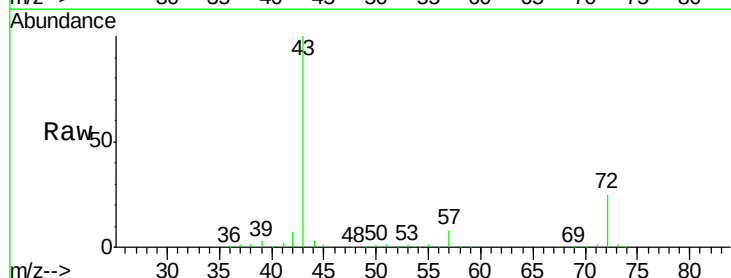
Acq: 02 May 2018 16:13

Tgt Ion: 43 Resp: 397239

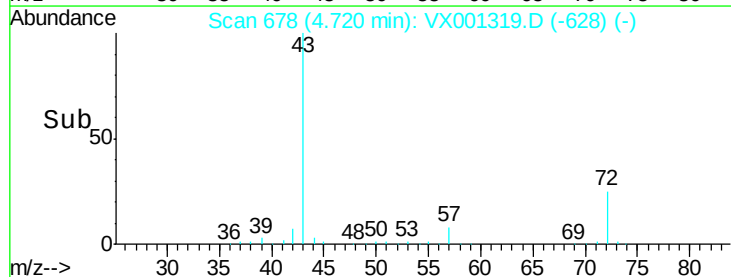
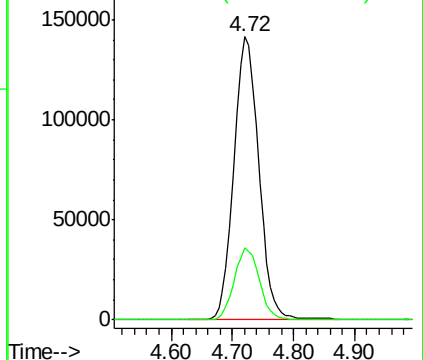
Ion Ratio Lower Upper

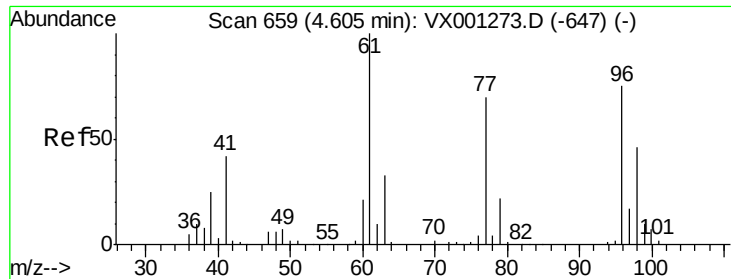
43 100

72 25.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 6.07 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

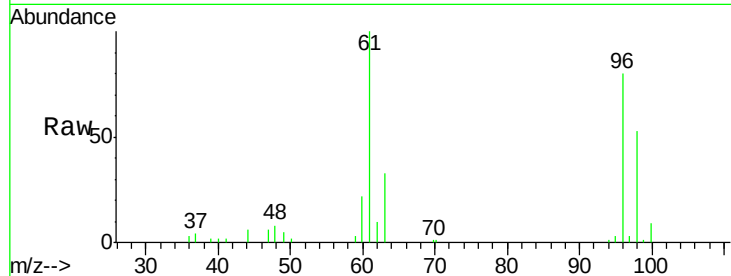
Tgt Ion: 96 Resp: 11350

Ion Ratio Lower Upper

96 100

61 137.4 0.0 288.0

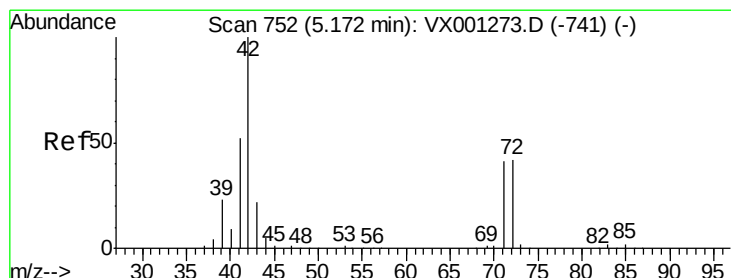
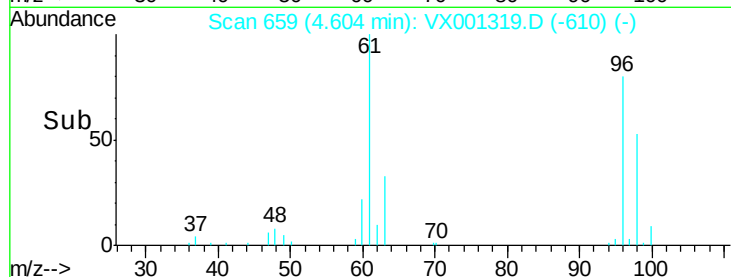
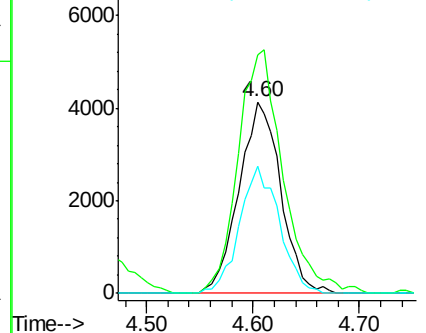
98 63.4 0.0 130.2



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: 4.25 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

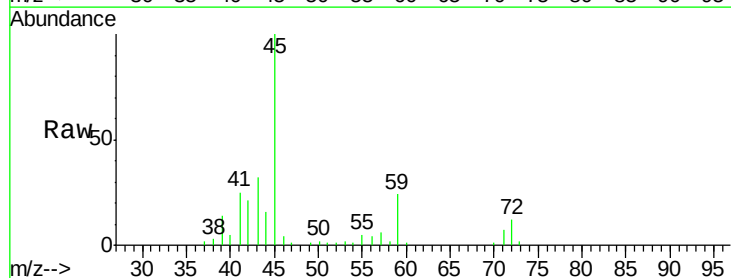
Tgt Ion: 42 Resp: 3256

Ion Ratio Lower Upper

42 100

72 74.1 34.6 52.0#

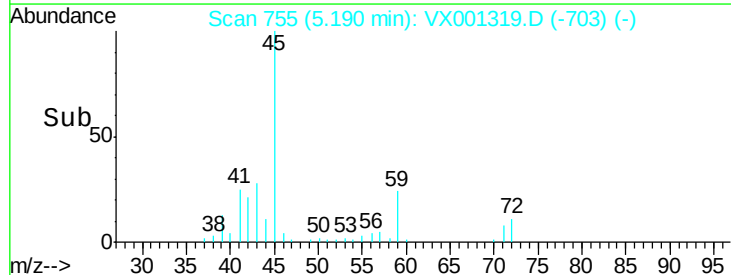
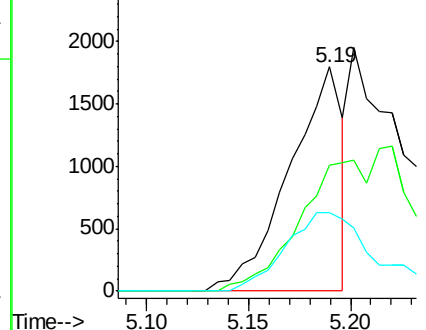
71 58.4 32.7 49.1#

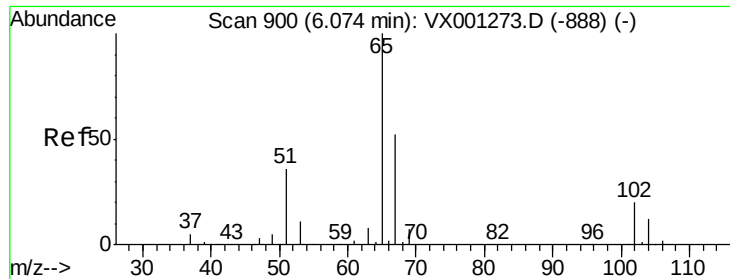


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

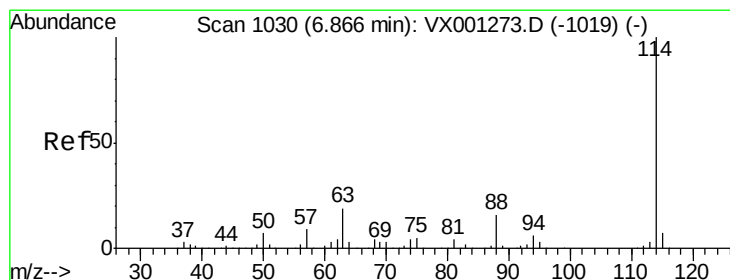
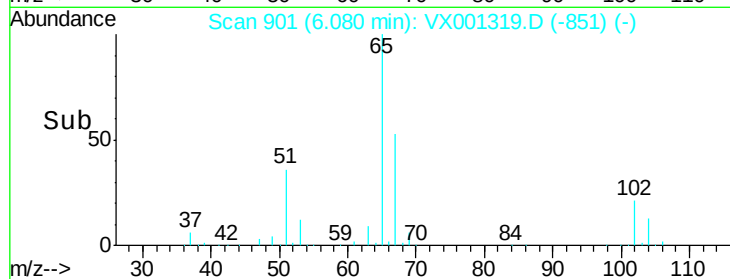
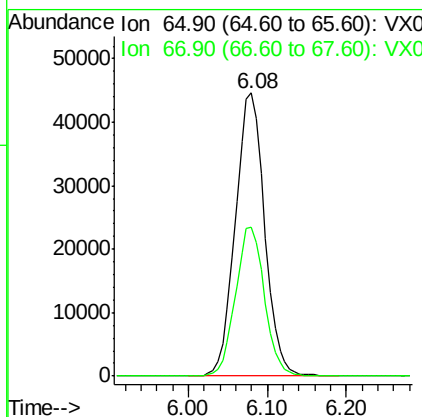
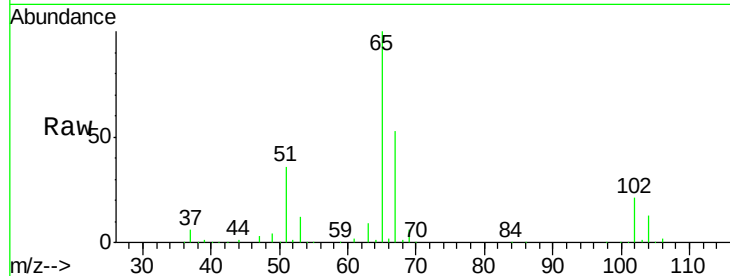




#33
 1,2-Dichloroethane-d4
 Concen: 53.41 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

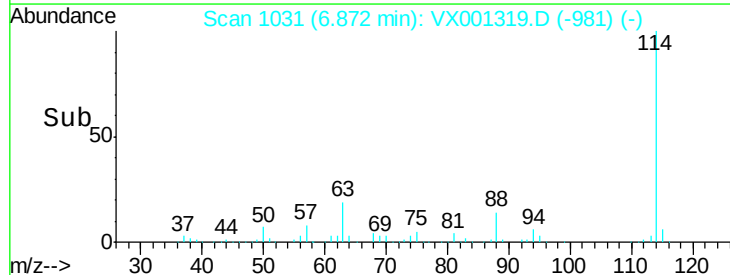
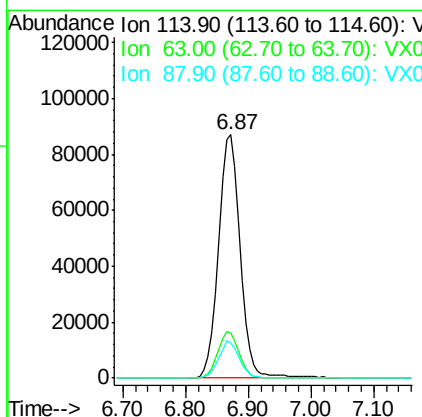
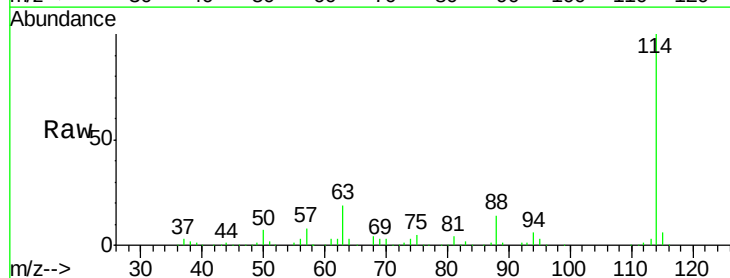
Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

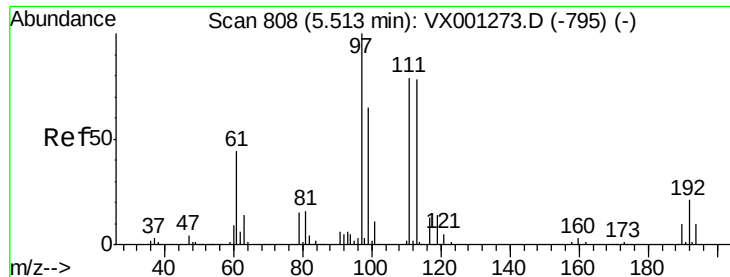
Tgt Ion: 65 Resp: 115310
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

Tgt Ion: 114 Resp: 208997
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.8
 88 14.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.36 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

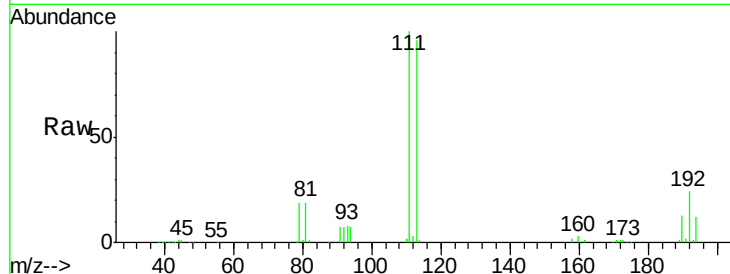
Tgt Ion:113 Resp: 96081

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

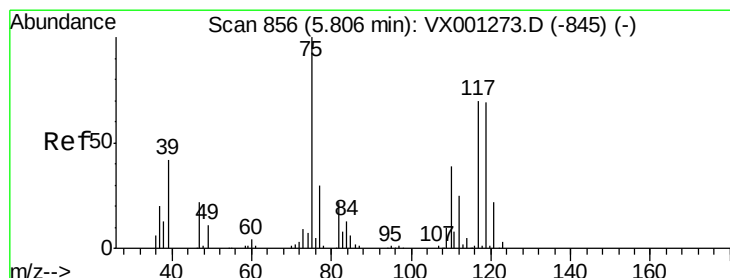
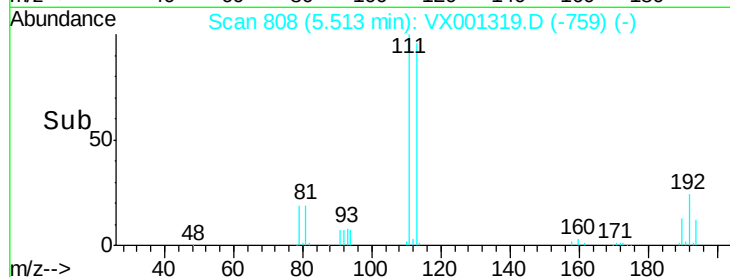
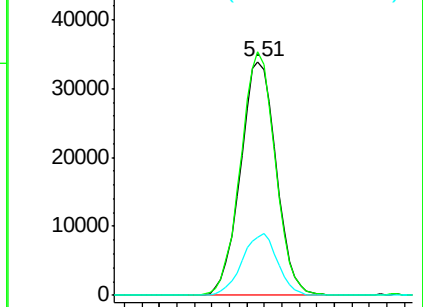
192 26.3 20.7 31.1



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: 4.13 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

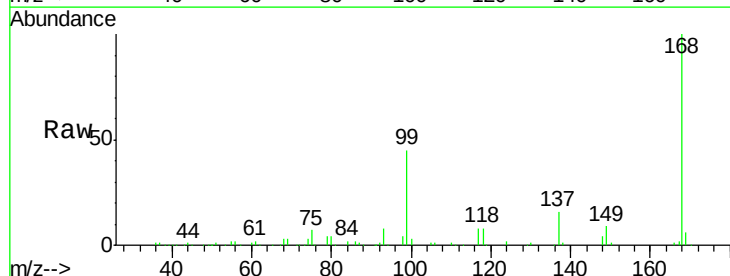
Tgt Ion: 75 Resp: 9969

Ion Ratio Lower Upper

75 100

110 9.7 18.9 56.9#

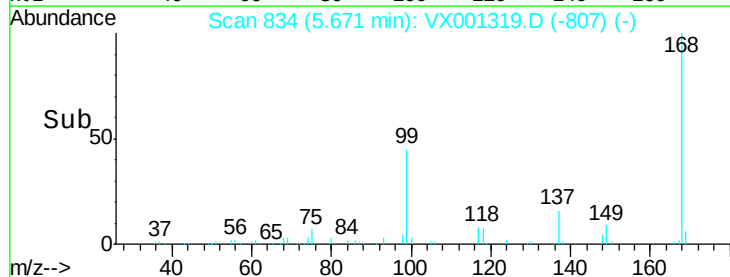
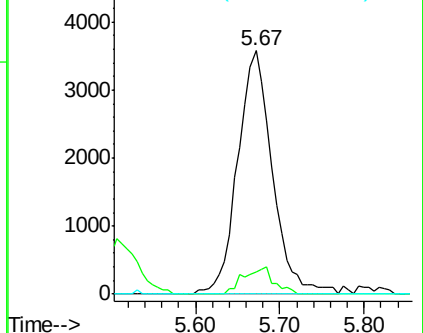
77 0.0 24.2 36.2#

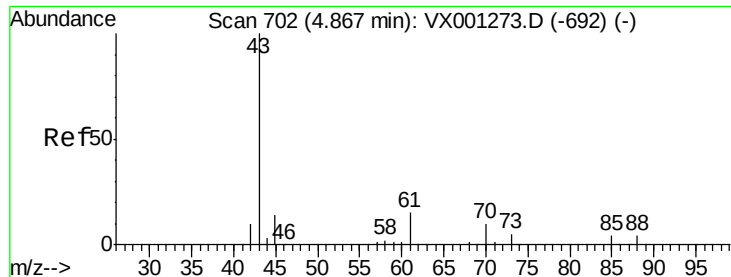


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

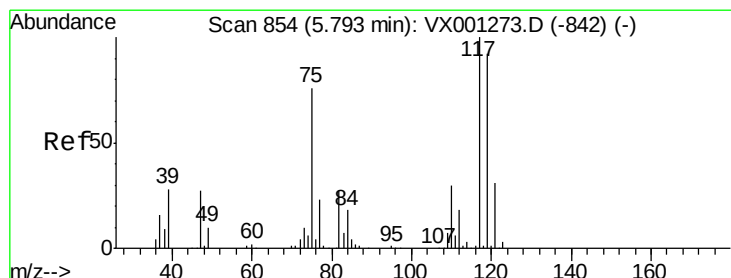
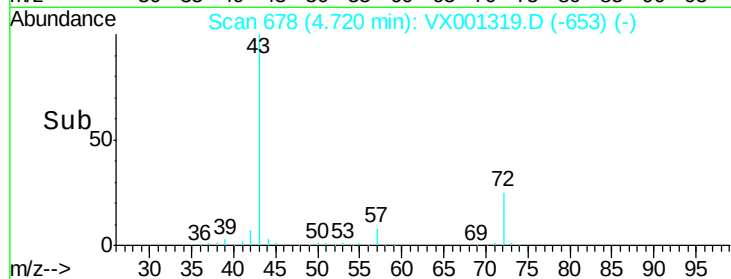
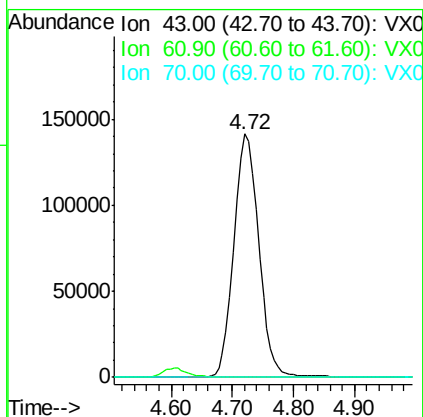
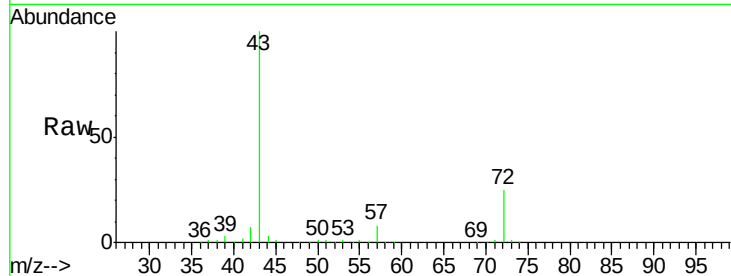




#37
 Ethyl Acetate
 Concen: 163.10 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.15 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

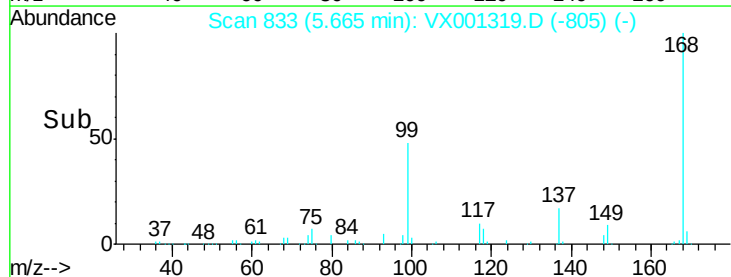
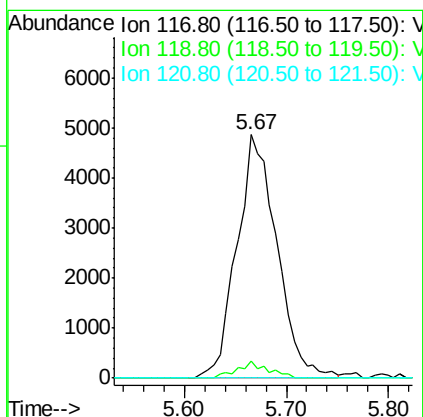
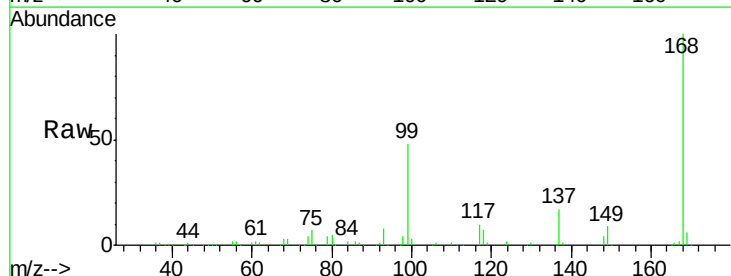
Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

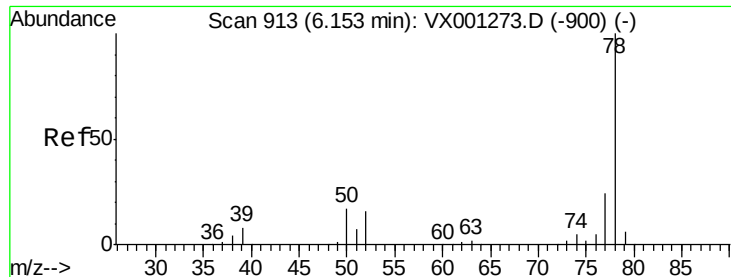
Tgt Ion: 43 Resp: 397239
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.2 8.0 12.0#



#38
 Carbon Tetrachloride
 Concen: 5.24 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

Tgt Ion: 117 Resp: 13245
 Ion Ratio Lower Upper
 117 100
 119 6.8 73.4 110.2#
 121 0.0 25.0 37.4#

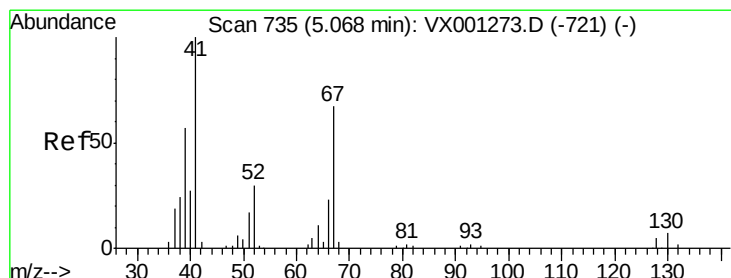
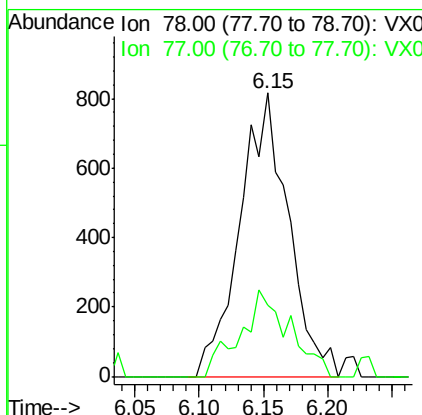
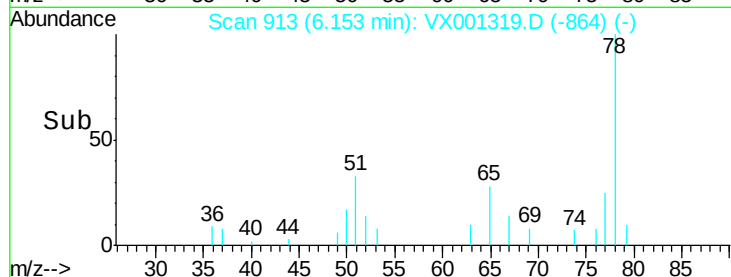
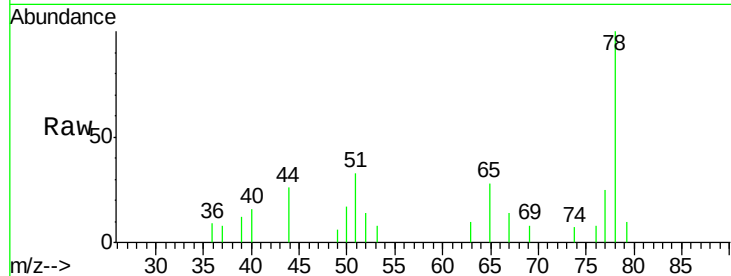




#40
Benzene
Concen: 0.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

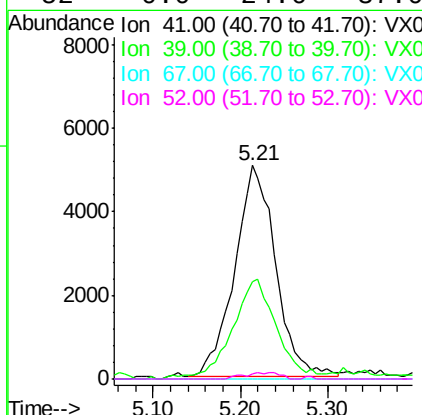
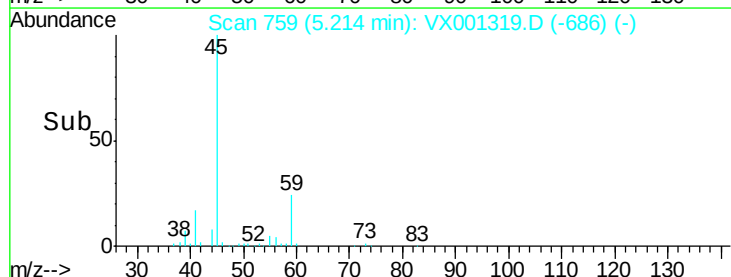
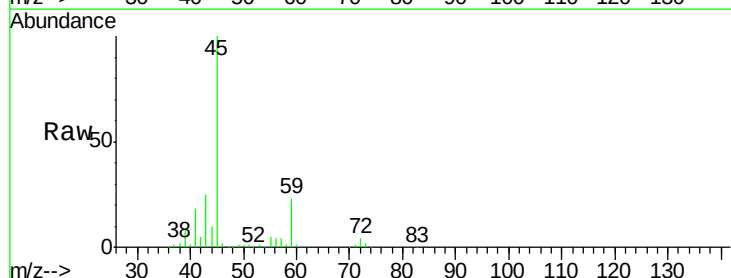
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

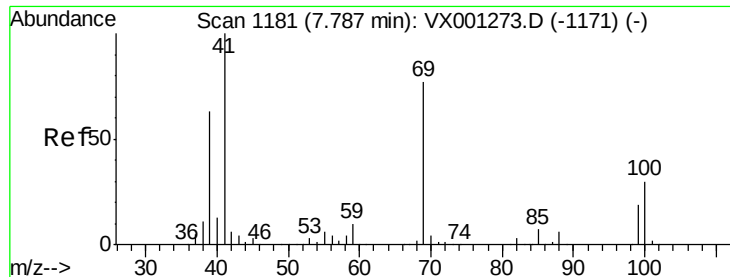
Tgt Ion: 78 Resp: 2133
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4



#41
Methacrylonitrile
Concen: 11.60 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.15 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

Tgt Ion: 41 Resp: 16456
Ion Ratio Lower Upper
41 100
39 47.7 45.8 68.8
67 0.0 54.8 82.2#
52 0.0 24.6 37.0#

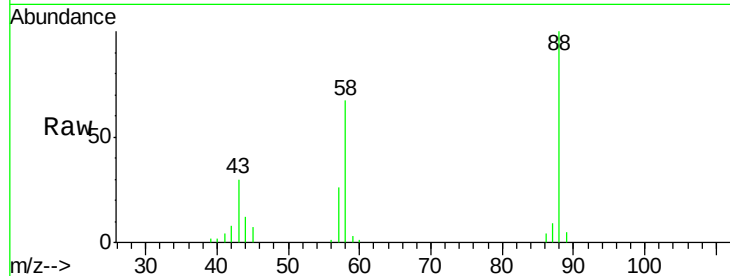




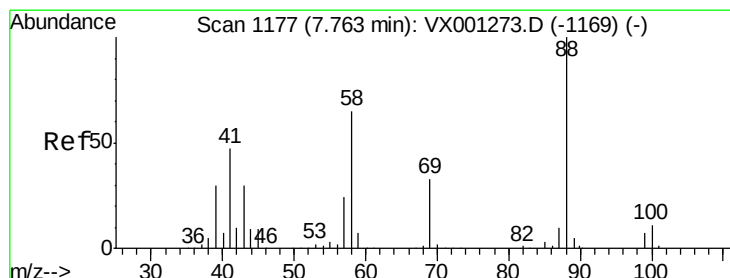
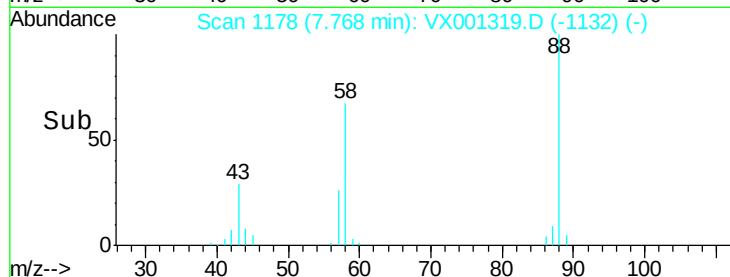
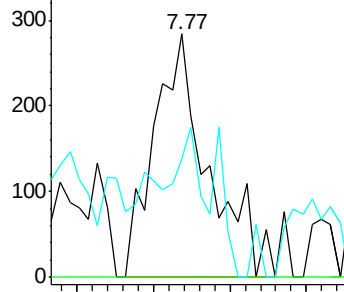
#48
Methyl methacrylate
Concen: 0.33 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.02 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

Tgt Ion: 41 Resp: 700
Ion Ratio Lower Upper
41 100
69 0.0 63.0 94.6#
39 15.4 50.2 75.4#

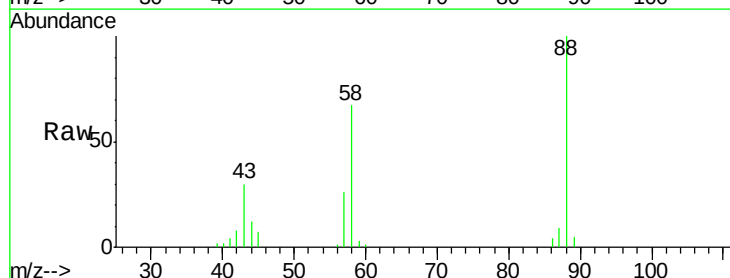


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

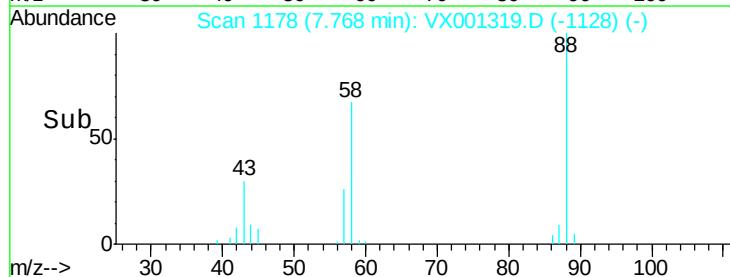
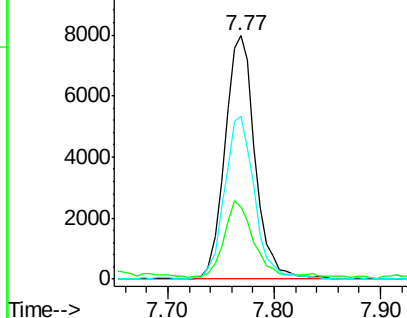


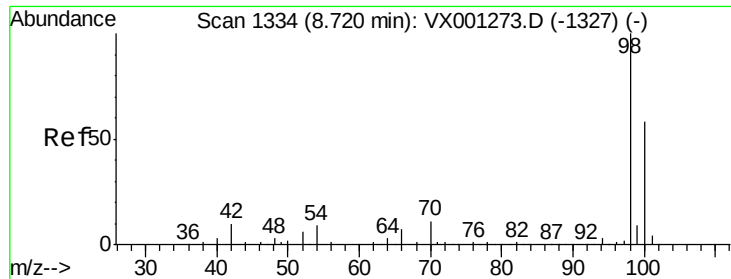
#49
1,4-Dioxane
Concen: 397.85 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

Tgt Ion: 88 Resp: 15738
Ion Ratio Lower Upper
88 100
43 30.3 27.9 41.9
58 66.8 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 55.41 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

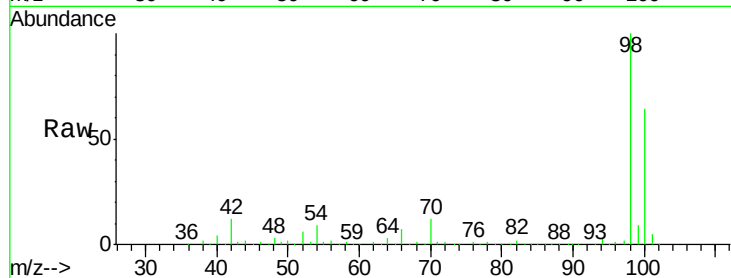
KY032MW006-180419

Tgt Ion: 98 Resp: 356454

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

250000

200000

150000

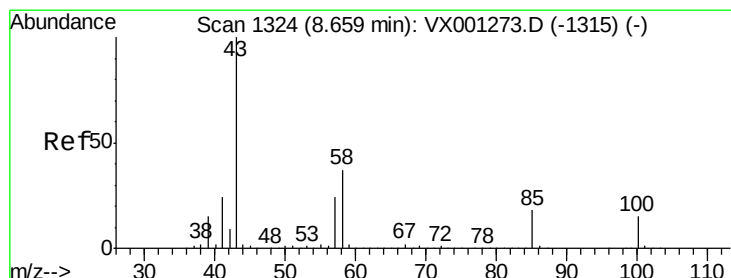
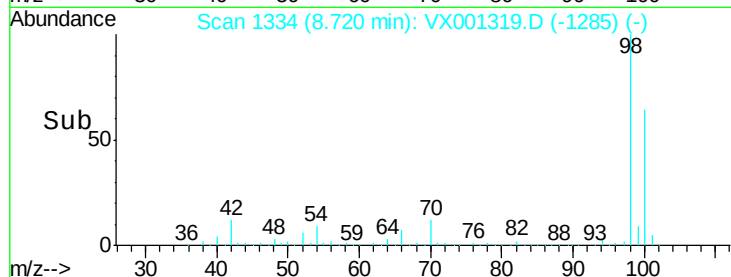
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 50.95 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001319.D

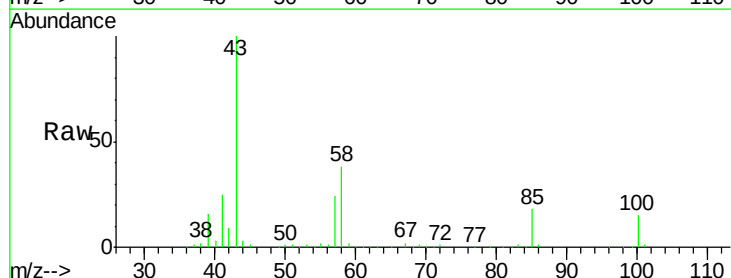
Acq: 02 May 2018 16:13

Tgt Ion: 43 Resp: 129520

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

80000

60000

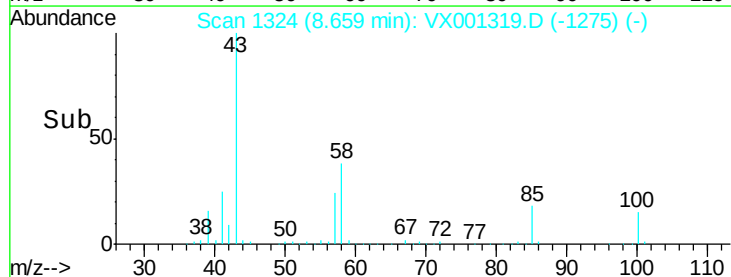
40000

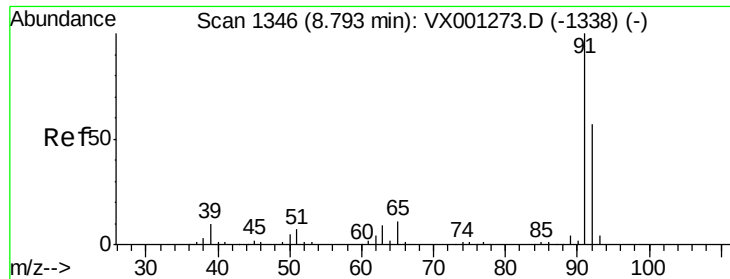
20000

0

Time-->

8.60 8.70 8.80





#52

Toluene

Concen: 116.60 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

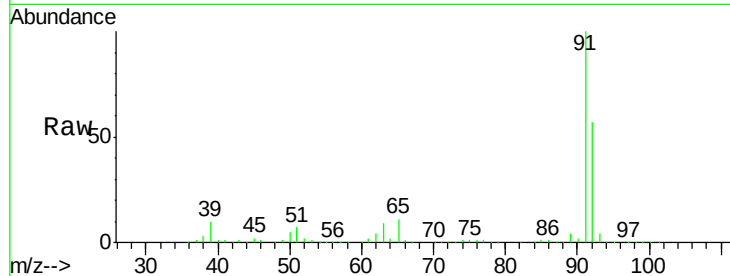
KY032MW006-180419

Tgt Ion: 92 Resp: 528857

Ion Ratio Lower Upper

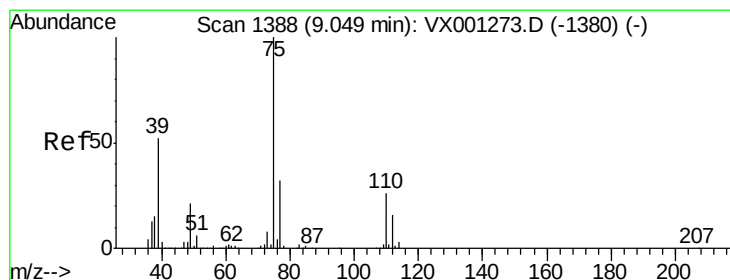
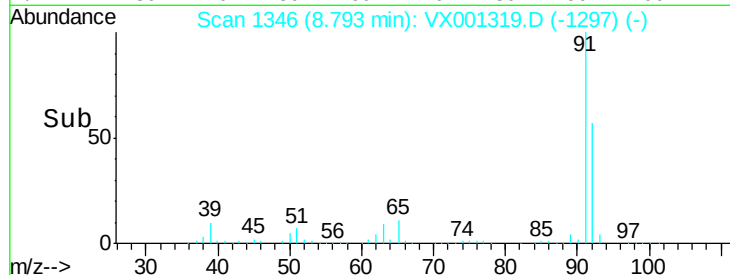
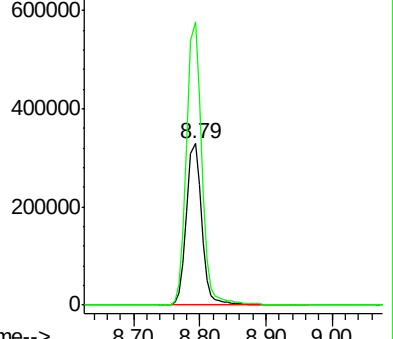
92 100

91 174.7 139.0 208.6



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: 2.49 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.26 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

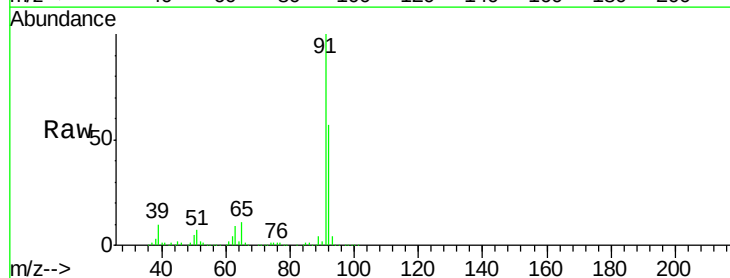
Tgt Ion: 75 Resp: 6094

Ion Ratio Lower Upper

75 100

77 184.0 25.5 38.3#

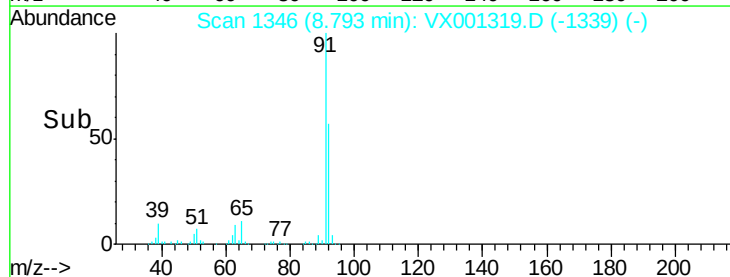
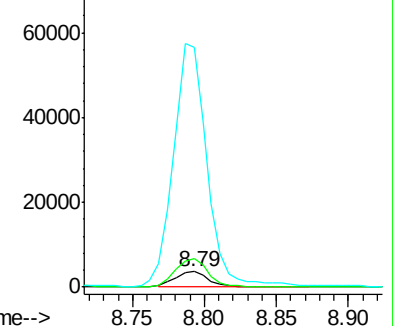
39 1529.5 41.9 62.9#

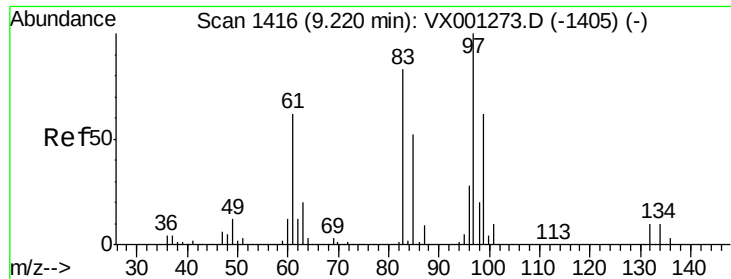


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

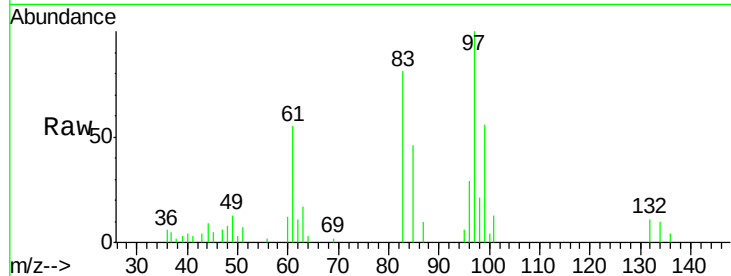




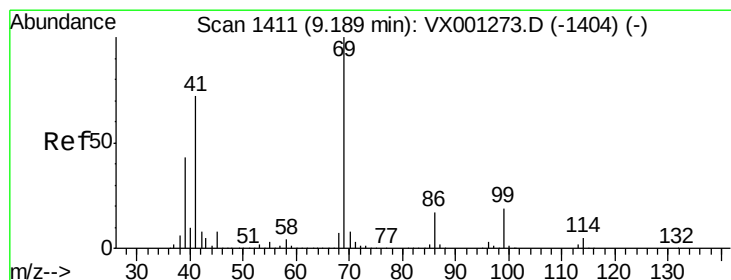
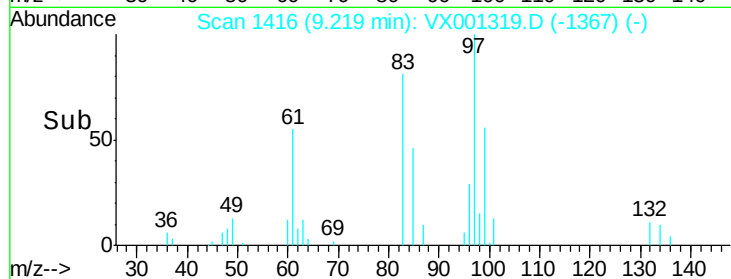
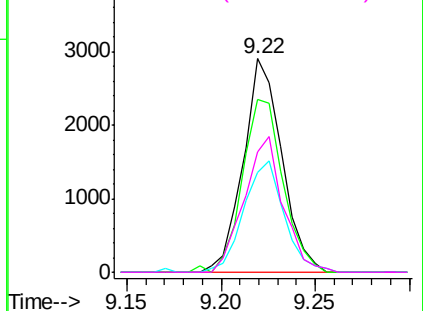
#55
 1,1,2-Trichloroethane
 Concen: 2.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

Tgt Ion:	97	Resp:	4117
Ion	Ratio	Lower	Upper
97	100		
83	80.8	66.4	99.6
85	46.5	41.6	62.4
99	56.1	49.3	73.9

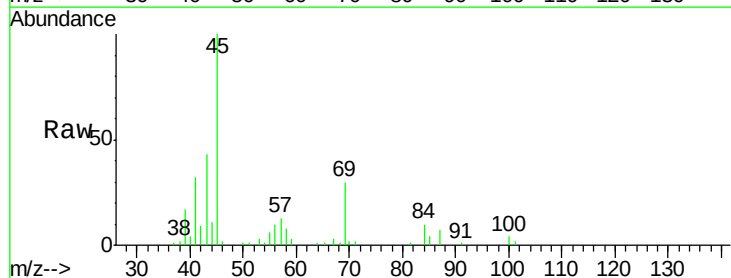


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

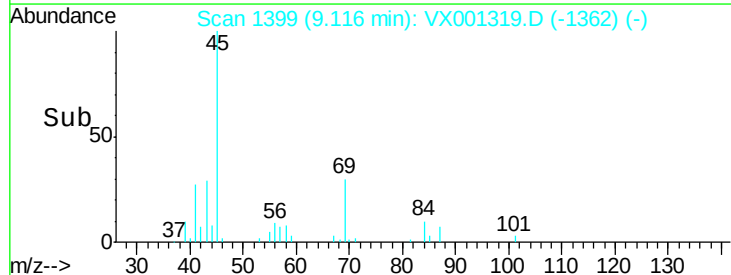
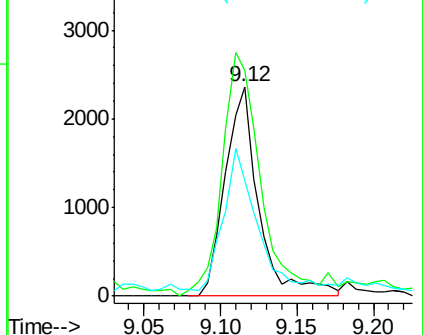


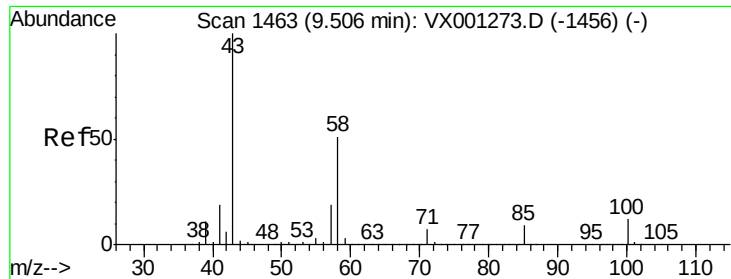
#56
 Ethyl methacrylate
 Concen: 1.43 ug/l
 RT: 9.12 min Scan# 1399
 Delta R.T. -0.07 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

Tgt Ion:	69	Resp:	3623
Ion	Ratio	Lower	Upper
69	100		
41	131.5	57.2	85.8#
39	66.9	34.3	51.5#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

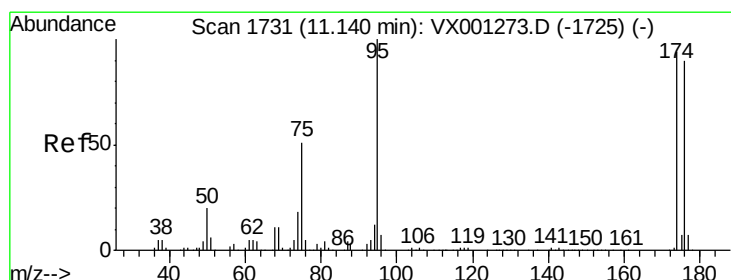
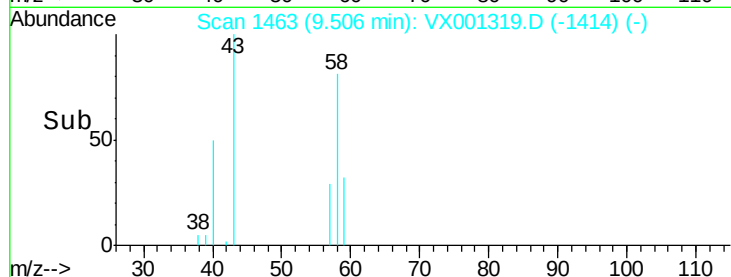
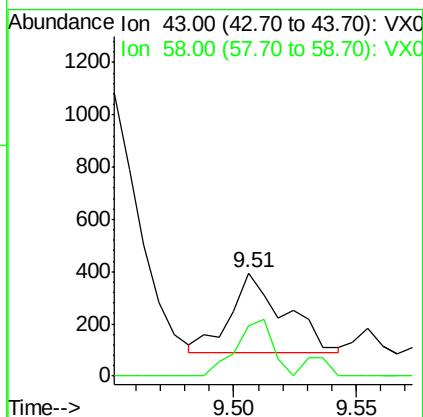
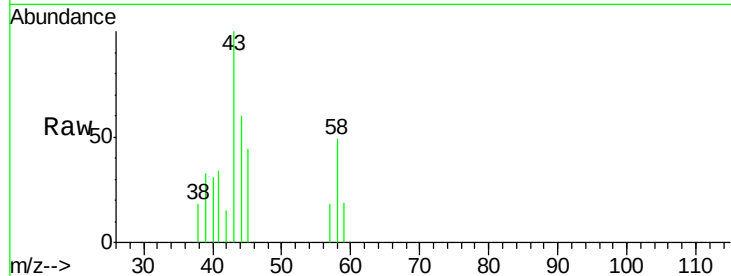




#59
2-Hexanone
Concen: 0.23 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

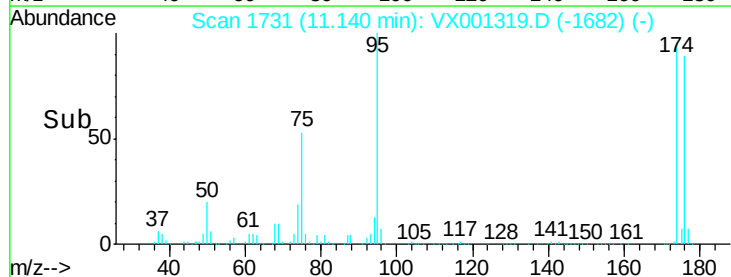
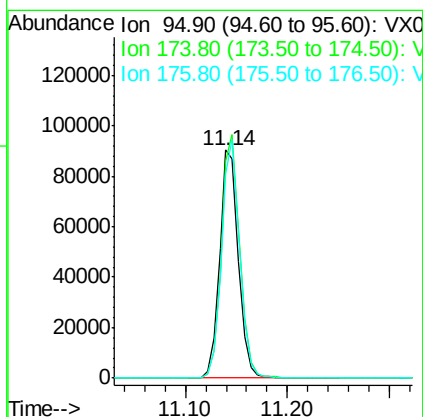
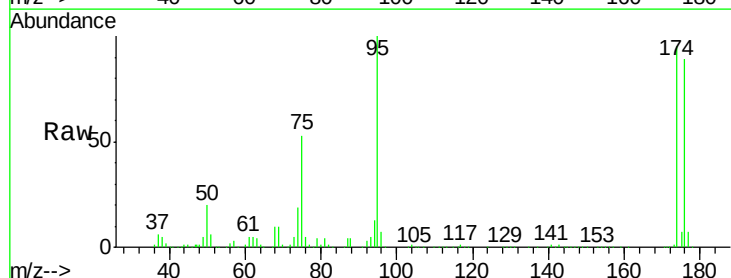
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

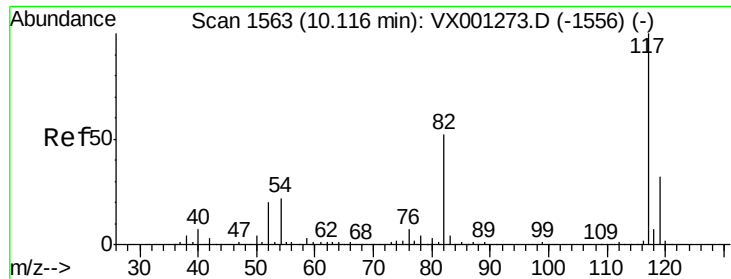
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 49.5 25.7 77.0



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

Tgt Ion: 95 Resp: 116309
Ion Ratio Lower Upper
95 100
174 104.2 0.0 201.8
176 100.4 0.0 197.2

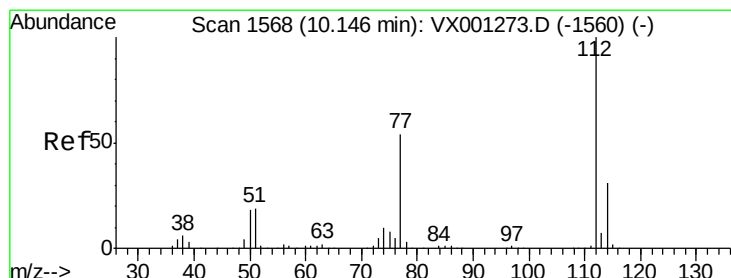
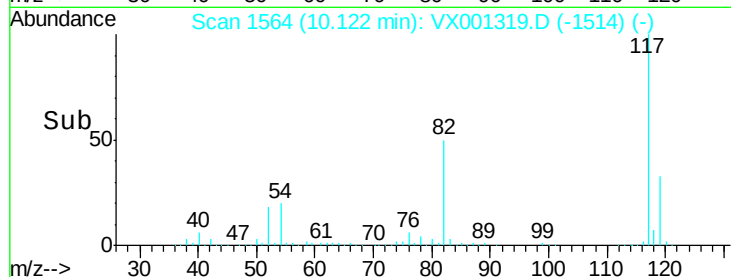
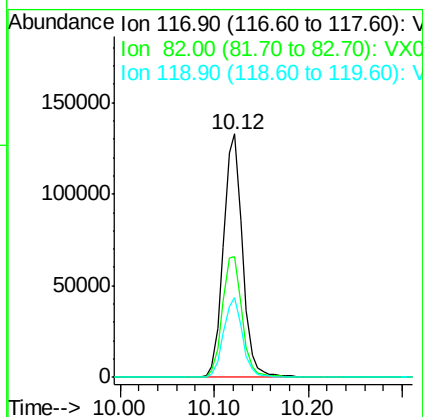
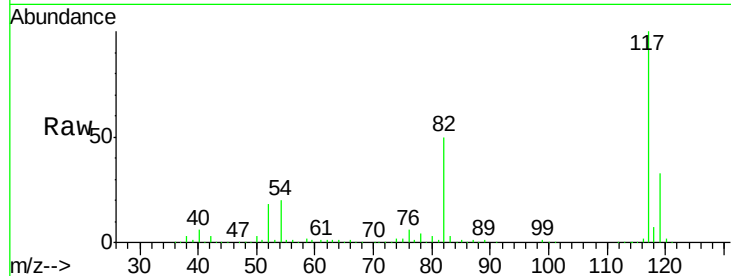




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

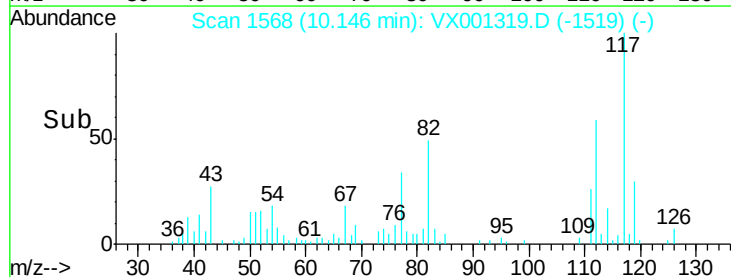
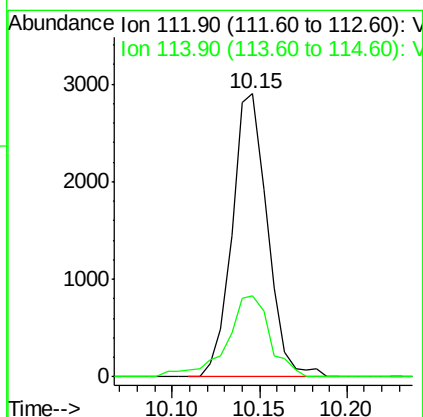
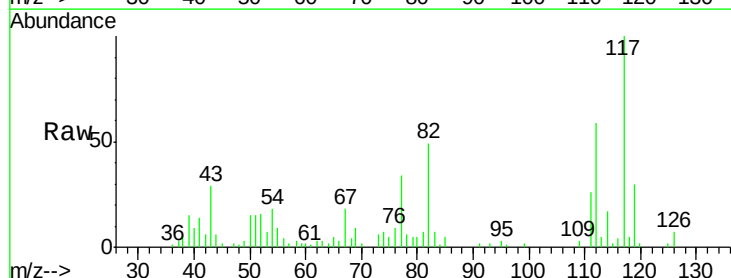
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

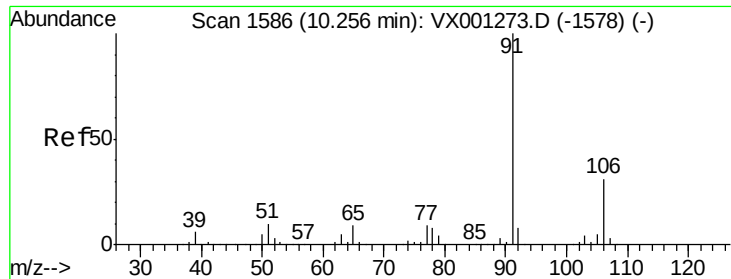
Tgt Ion:117 Resp: 186498
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.0
119 32.7 25.5 38.3



#65
Chlorobenzene
Concen: 0.80 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001319.D
Acq: 02 May 2018 16:13

Tgt Ion:112 Resp: 4058
Ion Ratio Lower Upper
112 100
114 28.8 24.8 37.2





#67

Ethyl Benzene

Concen: 0.72 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

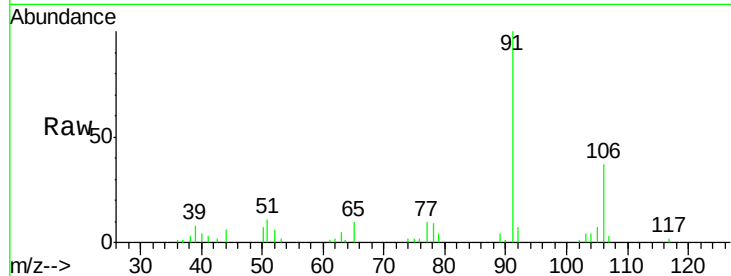
KY032MW006-180419

Tgt Ion: 91 Resp: 6033

Ion Ratio Lower Upper

91 100

106 36.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX001273.D (-1578) (-)

10.26

4000

3000

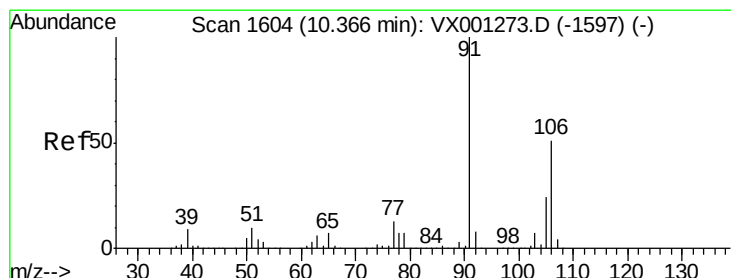
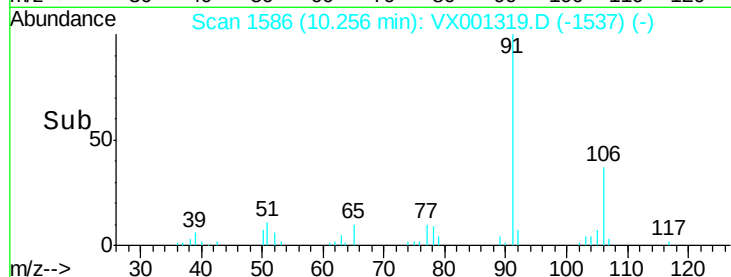
2000

1000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 1.26 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001319.D

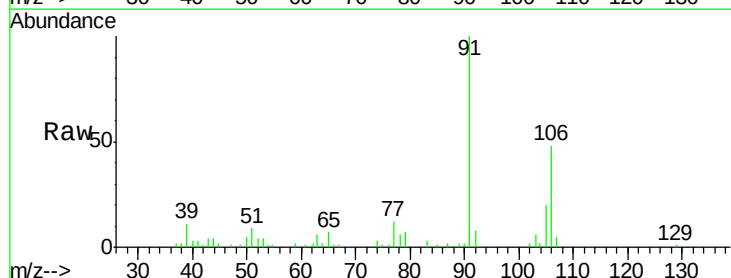
Acq: 02 May 2018 16:13

Tgt Ion: 106 Resp: 4155

Ion Ratio Lower Upper

106 100

91 208.9 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX001273.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001273.D (-1597) (-)

10.36

6000

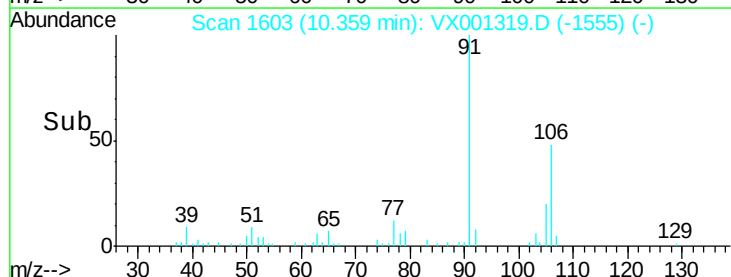
4000

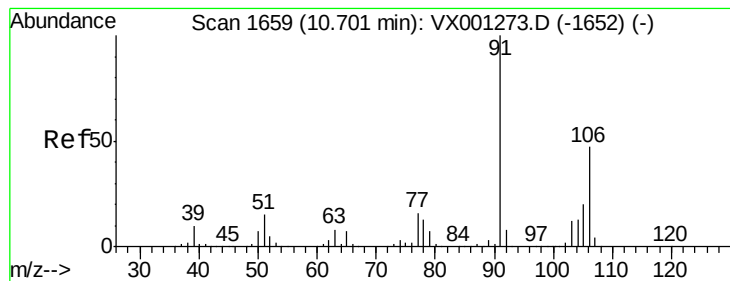
2000

0

10.30 10.35 10.40

Time-->





#69

o-Xylene

Concen: 0.64 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

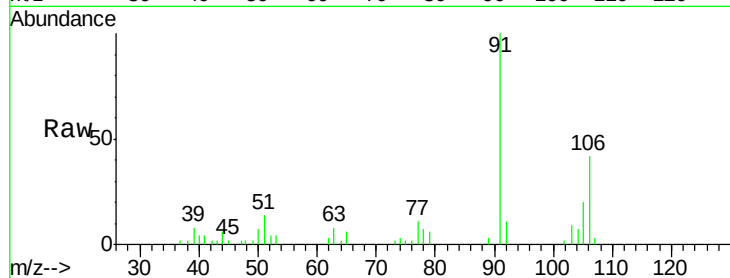
KY032MW006-180419

Tgt Ion:106 Resp: 2030

Ion Ratio Lower Upper

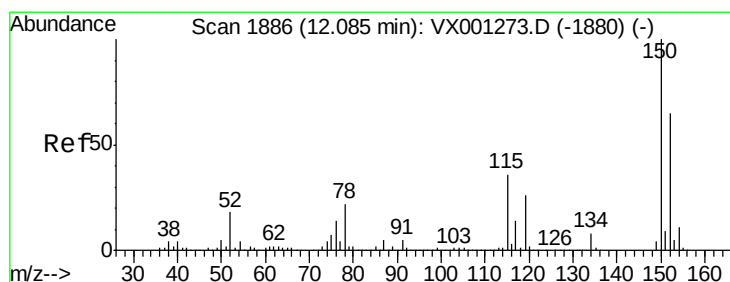
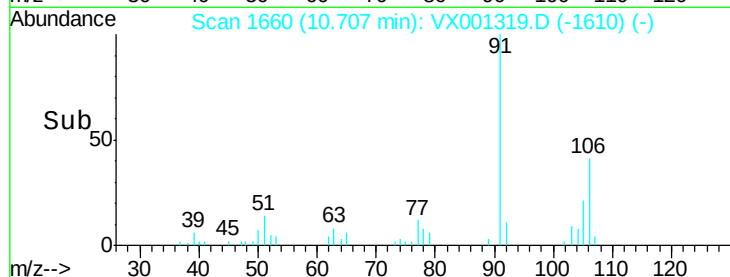
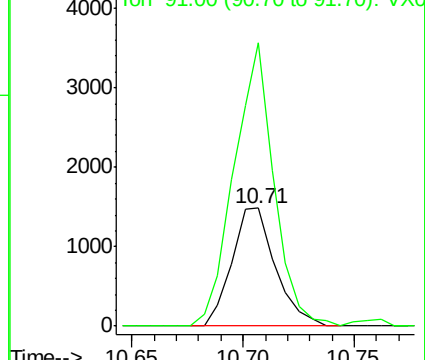
106 100

91 218.8 106.3 319.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

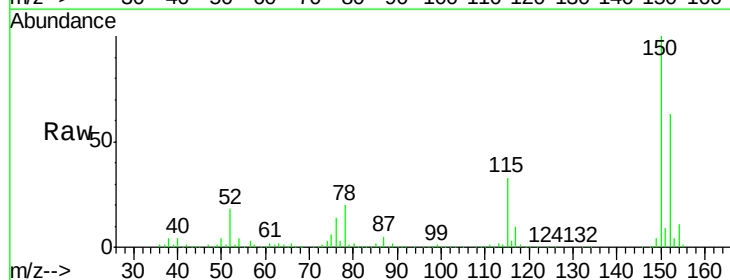
Tgt Ion:152 Resp: 103290

Ion Ratio Lower Upper

152 100

115 53.0 38.6 115.7

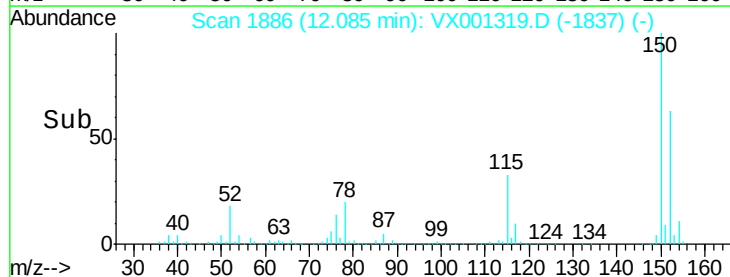
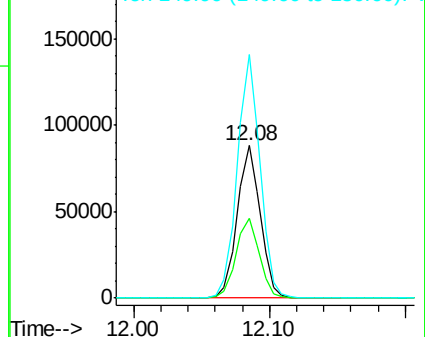
150 158.2 0.0 349.2

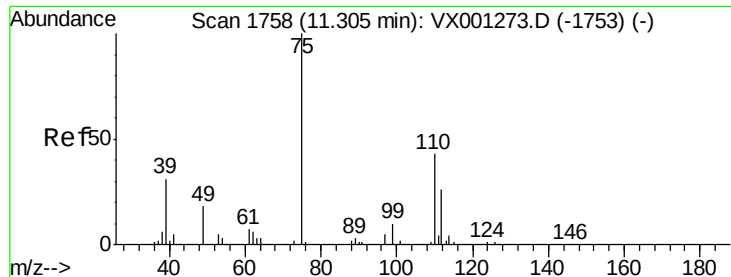


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

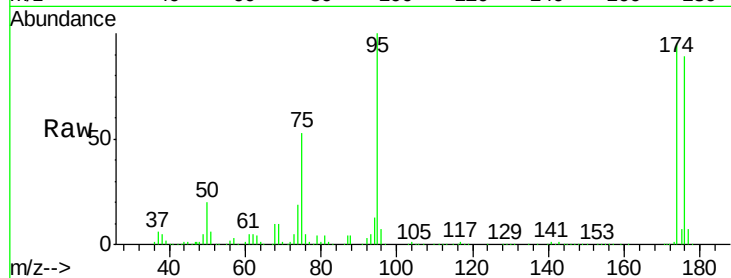
KY032MW006-180419

Tgt Ion: 75 Resp: 59067

Ion Ratio Lower Upper

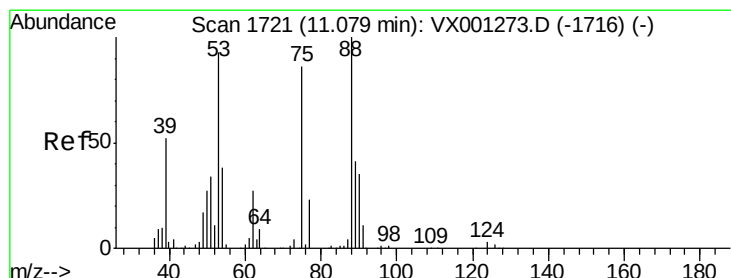
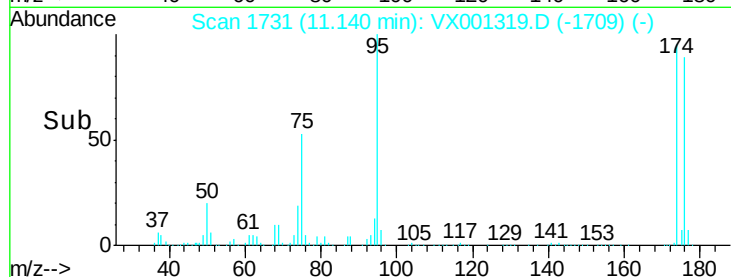
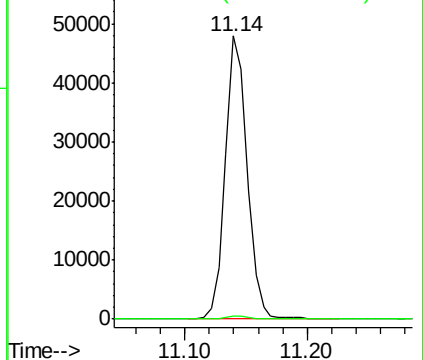
75 100

77 1.4 18.9 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 96.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

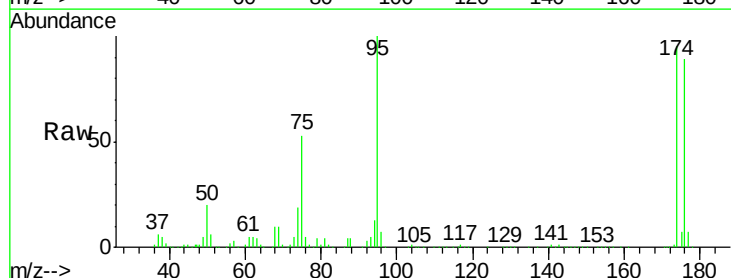
Tgt Ion: 75 Resp: 59067

Ion Ratio Lower Upper

75 100

53 0.1 87.1 130.7#

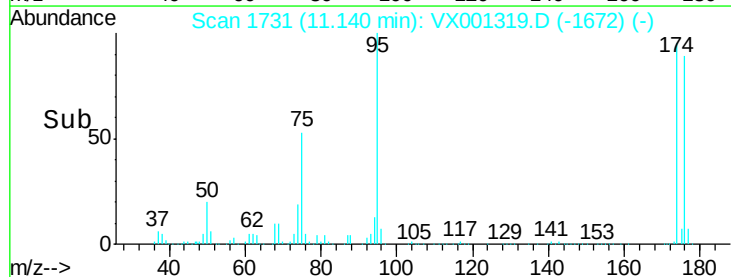
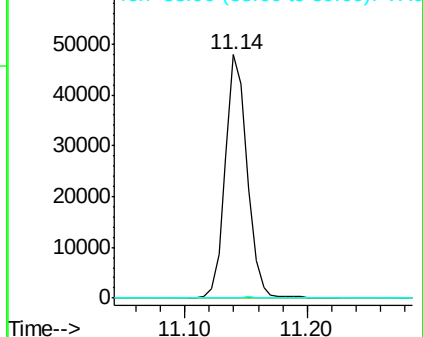
89 0.3 38.9 58.3#

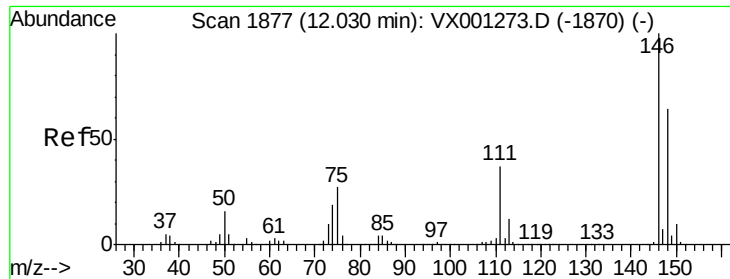


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

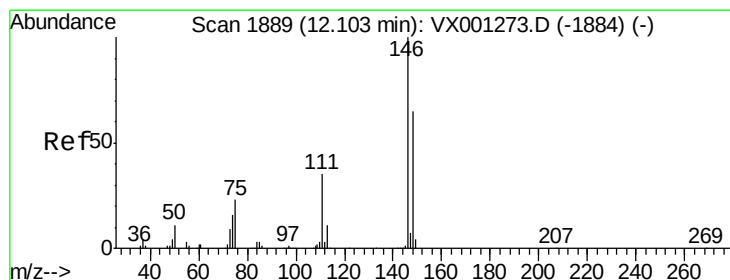
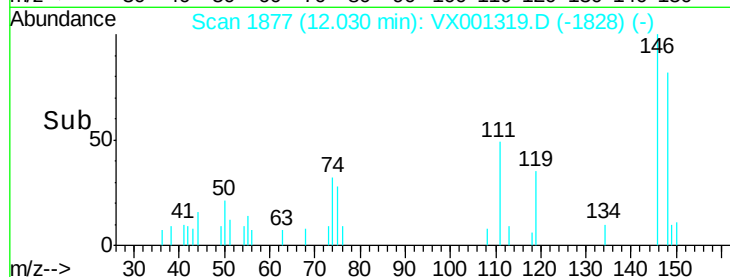
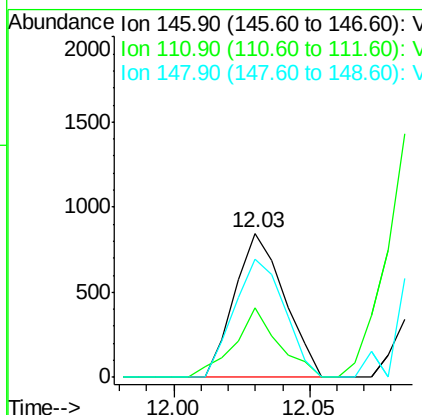
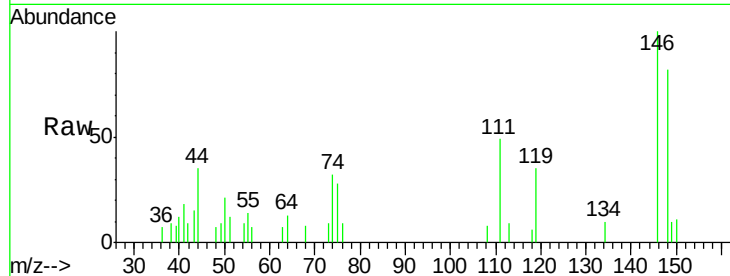




#87
 1,3-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

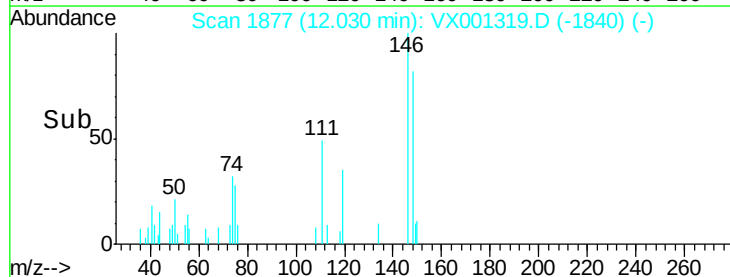
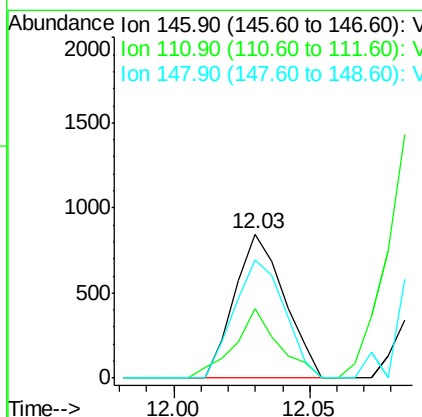
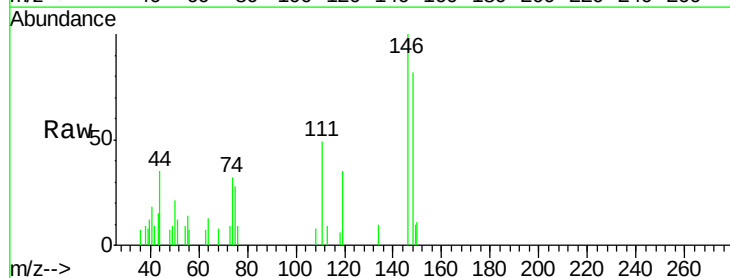
Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

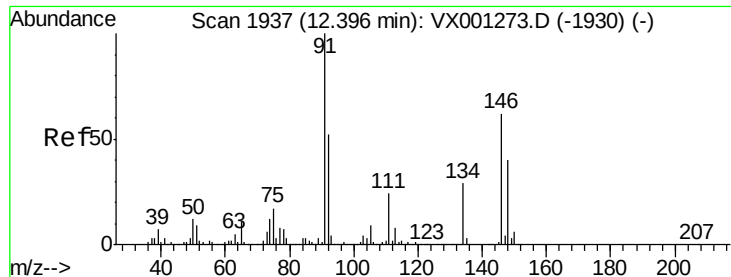
Tgt Ion:146 Resp: 1072
 Ion Ratio Lower Upper
 146 100
 111 43.4 18.4 55.2
 148 82.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX001319.D
 Acq: 02 May 2018 16:13

Tgt Ion:146 Resp: 1072
 Ion Ratio Lower Upper
 146 100
 111 43.4 17.9 53.7
 148 82.8 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 7.29 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

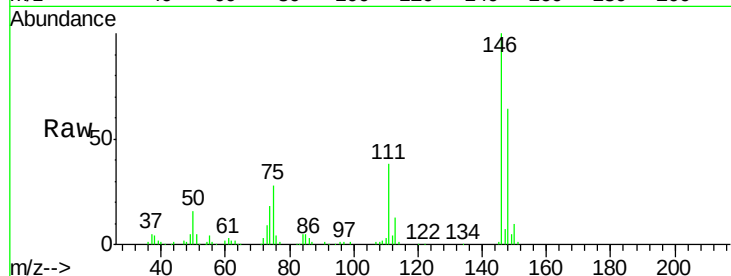
Tgt Ion:146 Resp: 26982

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.5

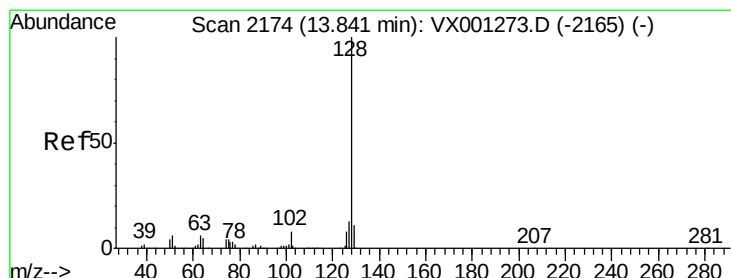
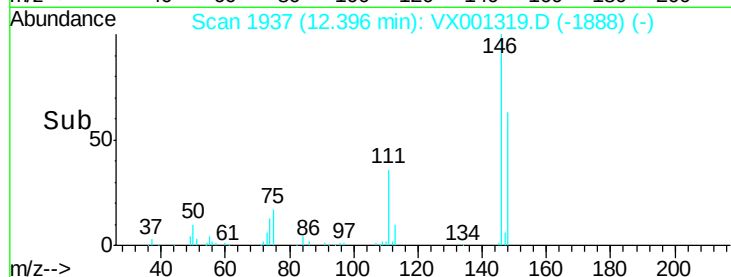
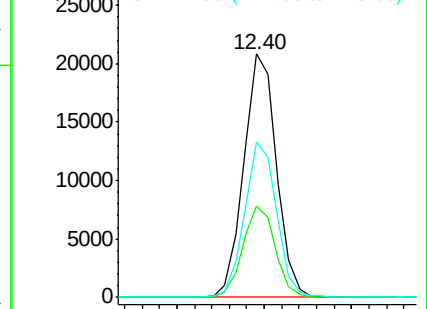
148 62.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 0.87 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001319.D

Acq: 02 May 2018 16:13

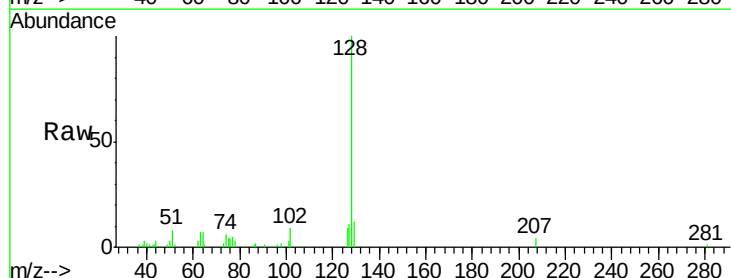
Tgt Ion:128 Resp: 6579

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

